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Preservation facsimile
printed on alkaline/buffered paper
and bound by
Acme Bookbinding
Charlestown, Massachusetts
2004
OFFICIAL CATALOGUE

OF THE

GREAT EXHIBITION

OF THE WORKS OF

INDUSTRY OF ALL NATIONS,

1851.

THE EARTH IS THE LORD'S, AND ALL THAT THEREIN IS:
THE COMPASS OF THE WORLD AND THEY THAT DWELL THEREIN.

LONDON:
SPICER BROTHERS, WHOLESALE STATIONERS; W. CLOWES & SONS, PRINTERS;
Contractors to the Royal Commission,
29 NEW BRIDGE STREET, BLACKFRIARS, AND AT THE EXHIBITION BUILDING, HYDE PARK.
HEH NOSTRA, UTVA QUAE INVENIMUS, DEXTERA—
INFRA SUNT HORTA OMNIA ARTIUM SERVAE,
MAGISTRQUE NOX OCCULTO DEUS, PRODUCTION INGENIA.

SAY NOT THE DISCOVERIES WE MAKE ARE OUR OWN—
THE SEEDS OF EVERY ART ARE PLANTED WITHIN US,
AND GOD OUR INSTRUCTOR, OUT OF THAT WHICH IS CONCEALED,
DEVELOPS THE FACULTIES OF INVENTION.

HUMANI GENERIS PROGRESSUS,
EXCOMMUNI OMNIA LABORA ORTUS,
UNUSCUJUSQUE INDUSTRIA DEBIT ESSIT FINIS:
HOC ADUVANDO,
DEI OPT. MAX: VOLUNTATEM EXERQUIAM.

THE PROGRESS OF THE HUMAN RACE,
RESULTING FROM THE COMMON LABOUR OF ALL MEN,
OUGHT TO BE THE FINAL OBJECT OF THE EXERCISE OF EACH INDIVIDUAL.
IN PROMOTING THIS END,
WE ARE CARRYING OUT THE WILL OF THE GREAT AND BLESSED GOD.
INTRODUCTION.

The gathering of the materials of which the Catalogues of the Exhibition are composed, and their preparation for publication in a collected form, require a short notice. By a decision of the Executive Committee, each exhibitor was called upon to furnish a written account of the articles proposed to be exhibited, and to forward this description for the purpose of forming the Catalogue of the Exhibition. In order to facilitate this operation, certain general rules were printed, together with suggestions intended to furnish exhibitors with headings under which additional information might be given. In addition, four distinct kinds of printed forms were supplied to exhibitors, intended to serve for their manuscript descriptions in each of the four sections of the Exhibition—Raw Materials and Produce, Machinery, Manufactures, and Fine Arts. These forms were required to be sent in prior to the receipt of goods at the Building, and on their arrival an acknowledgment forwarded served as a warrant for the admission of the articles described into the Exhibition.

The material of the Catalogues was thus obtained, but the form in which it appeared was such as to require very considerable modification before it could be issued from the press. The necessity for reducing the size of the Catalogues to one of convenience for use in the Building demanded that the material of which they were to be composed should be considerably condensed. The danger of inaccuracy also in the scientific descriptions, and in their literary construction, required attention. A slight preliminary correction was applied to the forms, which were then set up in type.

The desirability of obtaining a symmetry of proportion in the works, and as far as possible a harmony of style and consistency of expression, in addition to the great importance of attempting to communicate to them a character of scientific accuracy, demanded the adoption of general principles of correction and reconstruction. But the varied nature of the contents of the Exhibition, and of the descriptions supplied, rendered this a duty difficult to be undertaken by any single individual. A number of scientific gentlemen accordingly united to undertake the correction of proofs belonging to certain departments, principally in regard to the scientific inaccuracies they might contain, their labours being followed by a final, general, scientific and literary revision. The descriptions of exhibitors were therefore submitted to this process, and subsequently prepared for press after receiving the official sanction for their publication. In the Descriptive and Illustrated Catalogue a number of elucidatory notes were supplied, which are intended to convey a variety of interesting and valuable information upon articles exhibited.

In this manner the large Catalogue was prepared. The present volume is a very condensed abstract of that work. It consists of essentially the same materials as the former Catalogue, having been prepared by Mr. G. W. Yapp from the corrected and annotated slips, and it has therefore the advantage of the care bestowed upon the former work. Three or four lines, on the average, being, for economy of space, the necessary limit of the descriptions in this Catalogue, its contents are confined, in the case of each exhibitor, merely to a brief indication of the name, residence, nature of the article, and position in the Building. The fuller details, accompanied with the illustrations, are to be found in the large Catalogue.

The extreme pressure of time under which the preparation of this Catalogue has proceeded, occasioned in a great measure by the delay of the return of forms, precludes the possibility of its complete accuracy. It is therefore requested that exhibitors will point out any errors presenting themselves, and without delay communicate the information, with the Class, Number, and the page in which they occur, to the Catalogue Office.

The mottos on the Title-pages of the large Catalogue, and of the present volume, were selected by His Royal Highness Prince Albert.

ROBERT ELLIS.
HER MAJESTY'S COMMISSIONERS.

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Chevalier Lescia.

Saxony.

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Ventilation—Lieutenant Crossman.
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Electric Telegraph—Mr. Gamble.

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3. Substances used as Food. 4. Vegetable and Animal Substances used in Manufactures—Dr. Lindley and Mr. Matchwick.
5. Machines for direct use, including Carriages, Railways, and Marine Mechanism—Mr. Heneman and Mr. Bedell.
7. Civil Engineering, Architecture, and Building Constructions—Mr. Heneman and Lieutenant Walker, R.E.
9. Agricultural and Horticultural Machines and Implements—Mr. Brandriff, Gies, and Ewing, Soady.
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16. Leather, Sculbury and Harness, Skin, Fur, and Hair—Mr. Dodd.
17. Paper, Printing, and Bookbinding—Mr. Owen Jones.
18. Woven, Knit, and Laid Fabrics, Dyed and Printed—Mr. Wallis.
19. Tapestry, Carpets, Floorcloths, Lace, and Embroidery, &c.—Mr. Bow.
20. Articles of Clothing, for Immediate, Pecuniary, or Domestic use—Mr. Wallis and Mr. W. Hawkins.
22. General Hardware, including Locks and Gates—Mr. B. A. Thompson.
23. Works in precious Metals, Jewellery, &c.—Mr. Bow.
24. Glass—Mr. T. Adam, Forest, Earthenware, &c.—Lieutenant Parker.
26. Manufactures in Mineral Substances, for Building or Decorations—Professor Ainslie.
27. Manufactures from Animal and Vegetable Substances not being woven or felted—Mr. C. T. Thompson.
28. Miscellaneous Manufactures and Small Wares—Mr. Dodd.
29. Sculpture, Models, and Plastic Art, Mosaics, Enamels, &c.—Mr. Owen Jones.
### A List of the Local Committees of the United Kingdom which returned Exhibits, and Subscriptions to the General Fund up to the period of the opening of the Exhibition.

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<th>Place</th>
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**OFFICIAL CATALOGUE.**

*A List of the Local Committees of the United Kingdom which returned Exhibitors, &c.—continued.*
### A List of the Local Committees of the United Kingdom which returned Exhibitors, &c.—continued.

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OUTLINE OF CONTENTS OF THE BUILDING.

The Building lies East and West, and is intersected by the Transept running North and South.

The Transept being taken as a point of departure, the building is divided into two portions.
1. The western half is appropriated to the productions of the United Kingdom, India, and the Colonies.
2. The eastern half to Foreign Countries.

CONTENTS OF TRANSEPT.

Ornamental iron gates, various objects of sculpture, large glass fountain, other fountains, and ornamental gates. The refreshment court is at the north extremity. The offices of the Royal Commissioners and the Executive are at the southern entrance.

WESTERN HALF.—Ground Floor.

Proceeding towards the west along the nave, or central avenue, are placed a statue of the Duke of Rutland, the Spitfields trophy, the horse and dragons, Canadian timber, marble dog, specimens of stone carving, console table and glass, specimens of crystallization, cross in Caen stone, &c., altar screen, Eldon and Stowell group, Honduras timber, church clock, Elizabethan fountains, models, patent light-house, filtering apparatus, sculpture, Coalbrook Dale glass-house, equatorial telescope, Liverpool model, fountain, and lighthouse.

SOUTHERN HALF.

The Avenues, M, N, O, and part of P, proceeding from the west, contain successively printed fabrics of Manchester, London, and Glasgow; flax manufactures of Ireland; woollen and mixed fabrics, the productions of Sheffield; furniture; the hardware of Birmingham; the Medieval court; Australian, Canadian, and East Indian productions.

The avenues Q and R, from west to east, contain in succession, agricultural implements, court for sculpture, part of South America, Canada, and the East Indies. Avenue S is principally occupied by Class 1.

NORTHERN HALF.

The Avenue L, and part of the Central Avenue, proceeding east to west, contain cotton, leather, furs, part of mineral manufactures, furniture, paper, fine arts, Malta, Ceylon, and part of the East Indian articles.

The avenues G and H contain carriages, mineral manufactures, marine and other engines, Guernsey and Jersey, Fine arts, Maltese and East Indian contributions.

Avenue F is appropriated to locomotive engines and railway mechanism.

Avenues C, D, and E contain, in a separate enclosure, cotton and other machinery in motion; beyond this the Western Refreshment Court, machines in motion, lathes and tools, mills, steam-engines, and a part of the East Indian articles.

Avenues A, B, contain cotton machines, woollen machines, flax machinery, silk and lace machinery, paper and printing machines in motion, models and naval architecture.

GALLERIES.

The Galleries are named, respectively, South, Central South, Central North, and North.

The portions of the West (South) Galleries, near the Transept, South Entrance, are occupied by shawls.

South Gallery, P.—Proceeding from east to west, contains silks, chemical substances, substances used as food, vegetable and animal substances, naval architecture, guns, &c.

The interval between the west terminus of the South Gallery, and that of the Central South, is occupied by naval, and other models.

Central South Gallery, M.—Proceeding from west to east, contains philosophical instruments, precious metals, tapestry, and silks. The interval between the western termination of the Central South Gallery and that of the Central North is occupied by philosophical and other contrivances, models, &c., and the great organ, which is in the centre.

Central North Gallery, I.—From west to east contains philosophical, surgical, and musical instruments, glass, and pottery.

The interval near the Transept, between these Galleries, is occupied by pottery.

North Gallery, F.—From east to west, contains pottery, animal and vegetable manufactures, cutlery, surgical instruments, and models in civil engineering.

The portions of the West (North) Galleries, near the Transept, North Entrance, are occupied by pottery.

Immediately over the South Entrance, in the Gallery, is the apparatus connected with the large electric clock.

EASTERN HALF.—Ground Floor.

The Nave, or Central Avenue, contains the Great Diamond, Sculpture, Wine-jars from Spain, Artillery, Sculpture, Statue of Michael and Satan, Parisian Organ, Colossal Statue of Godfrey de Bouillon, Stained Glass Window, Amason, Colonial Lion, Church Bell, Group of Horses, block of Zinc Ore.

The northern half of the ground-floor space is occupied, proceeding from west to east, by the following countries:—

China, Turkey, Spain, Portugal, Italy, France, Belgium, Holland, Austria, Zollverein, United States, Russia, United States, Belgium, North Germany, Russia, United States, Belgium, (part of), Zollverein (part of).

The north-east corner, including parts of Avenues G, D, E, are occupied by the Eastern Refreshment and open courts.

GALLERIES.

The Galleries near south entrance of transept in the Eastern Division are occupied by articles of Clothing, Hosiery, &c.

South Gallery, P, is occupied partly by France and other States.

Central South Gallery, M, is occupied by Switzerland, France, Austria, and the United States.

Central North Gallery, I, contains the United States and other countries.

North Gallery, F, Specimens of Stained Glass, &c.

The Galleries near the north entrance of the Transept are occupied by the Liverpool and Hull collections of articles and miscellaneous objects.
ARTICLES EXHIBITED BY HER MAJESTY THE QUEEN, 

H.R.H. THE PRINCE ALBERT, AND H.R.H. THE PRINCE OF WALES, 

IN THE FOUR SECTIONS OF THE BUILDING.

HER MAJESTY THE QUEEN.

Jewel case in the cinque cento style, designed by L. Gruner, Esq., and executed at the manufactory of Mr. Henry Elkington at Birmingham. The material is bronze, gilt and silvered by electro-type process; upon this case are portraits on china of Her Majesty, H.R.H. Prince Albert, and H.R.H. the Prince of Wales, copied from miniatures by R. Thorburn, Esq., A.R.A. The small medallions representing profiles of their R.H.s the Prince and Princesses, were modelled from life by Leonard Wyon, Esq.

Table of gold and silver electro-plate, manufactured by Messrs. Elkington. The top of the table is an electro-type reproduction of a plate of fine workmanship, obtained and copied for Mr. H. Elkington under the direction of the Chevalier de Schlick. The eight subjects in bas-relief represent Minerva, Astrology, Geometry, Arithmetics, Music, Rhetorica. The centre figure represents Temperance surrounded by the four elements. At the bottom of this plate is an inscription pointing to the artist. The table is designed by George Stanton, a young artist in the employ of Mr. H. Elkington, and a student in the Birmingham School of Design.

Portrait of Her Majesty on Sévres china, size of life, half length, by A. Duclosne, after a portrait by F. Winterhalter. Painted in 1846.

Portrait of H.R.H. Prince Albert, on Sévres china, size of life, half length, painted by A. Besançon, after a portrait by F. Winterhalter. These portraits are exhibited jointly by Her Majesty and H.R.H. Prince Albert.

A cradle, carved in Turkey boxwood by W. G. Rogers, and designed by his son, symbolising the union of the Royal House of England with that of Sax Coburg and Gotha. One and a half a foot in the centre the armorial bearings of Her Majesty the Queen, surrounded by masses of foliage, natural flowers and birds; on the rockers, beneath, is seen the head of "Nancy," represented as a beautiful sleeping female, crowned with a garland of poppies, supported upon bats' wings, and surrounded by the seven planets.

The other end, or the back of the head of the cradle, is devoted to the arms of H.R.H. Prince Albert; the shield occupies the centre, and round it, among the arabesque foliage, the six crests of the Prince are scattered, with the motto "True and fast." Below, on the rocker, is discovered a head of "Sommus" with closed eyes, and over the chin a wimple, which, on each side, terminates in poppies.

In the interior of the head of the cradle, guardian angels are introduced; and above, the royal crown is found embedded in foliage. The friezes, forming the most important part of the sides of the body of the cradle, are composed of roses, poppies, conventional foliage, butterflies, and birds, while beneath them rise a variety of pinks, studied from nature. The edges and the inside of the rocker are enriched with the insignia of royalty and emblems of repose.

Two cut-glass candelabra, manufactured by Messrs. Osler of Birmingham.

Axminster carpet, designed by L. Gruner, Esq., and manufactured by Messrs. Blackmore Brothers, at Wilton, for Messrs. Watson, Bell, & Co.

Axminster carpet, designed by L. Gruner, Esq., and manufactured at Glasgow, for Mr. Dowbiggen.

A Berlin-wool carpet executed by one hundred and fifty ladies of Great Britain. The dimensions of this carpet are thirty feet in the length, and twenty in breadth. The carpet has been produced in the following manner:—The pattern, originally designed and painted by the artist, has been subdivided into detached squares, which have been worked by different ladies, and on their completion the squares have been reunited, so as to complete the design. In the pattern, which consists partly of geometrical, and partly of floral forms, heraldic emblems are also introduced. The initials of the executants are ornamentally arranged, so as to form the external border. The whole design is connected by wreaths or bands of leaves and foliage, the centre group representing the store from whence they have been distributed.

The carpet has been produced under the management of a Committee. The design by Mr. J. W. Papworth; the patterns were painted and the work executed under the superintendence of Mr. W. B. Simpson.
HIS ROYAL HIGHNESS PRINCE ALBERT.

Three samples of grain grown on the royal farms at Windsor, consisting of wheat, oats, and beans, one bushel of each.

Two slabs designed by L. Gruner, Esq., in the cinque cento style, executed by Mr. Thomas Woodruff at Bakewell, in Derbyshire stone, in imitation of the Florentine mosaic.

A block of Parrett coal from West Wemyss colliery, Kirkcaldy, Fifeshire, partly polished.

Garden seat, designed by L. Gruner, Esq., and executed in Fifeshire by Thomas Williams Wynn, of parrett or cannon coal, from the estate of Rear Admiral Wemyss.

Candelabra in the cinque cento style, designed by L. Gruner, Esq., modelled by Ant. Treutl, and executed in smalt in imitation of giallo antico, by L. Romeli.

Group in marble, "Theseus and Amazons," executed at Rome by — Engel, Esq., from Hungary, pupil of the Royal Academy.

HIS ROYAL HIGHNESS PRINCE ALBERT, ON BEHALF OF HIS ROYAL HIGHNESS THE PRINCE OF WALES.

Shield presented by His Majesty the King of Prussia to His Royal Highness the Prince of Wales, in commemoration of the baptism of the infant Prince, for whom His Majesty acted as sponsor.

The pictorial embellishments of the shield, the general plan for which was given by the king himself, were designed by Doctor Peter Van Cornelis, and the architectural ornaments by C. Cousselin Stiller. The execution of the remaining portions—goldsmiths' work, enamel, &c., was performed by M. G. Hossauer; the modelling by M. A. Fischer; the chasing by M. A. Mortez; and the lapidary work by M. Calandrelin.

In the centre of the shield is a head of our Saviour. The middle compartment, surrounded by a double line of ornamental work, is divided by a cross into four smaller compartments, which contain emblematic representations of the two Sacraments, Baptism, and the Lord's Supper, with their Old Testament types—the opening of the fountain in the rock by Moses, and the fall of man. At the extremities of the arms of the cross are represented the Evangelists, noting down what they have seen and heard in the Gospels, which are to communicate to all futurity the plan of man's salvation, and prove inexhaustible sources of divine revelation and doctrine.

On the extreme points of the arabesques that rise above the Evangelists, are represented the Christian virtues of Faith, Hope, and Charity, and Christian Righteousness. Around the entire centre stand in a circle the twelve Apostles. Peter is seen under Faith represented in the arabesque; on the right and left of him are Philip and Andrew; under Hope is James; on either side are Bartholomew and Simon; John is placed beneath the figure of Charity; on either side are James the younger and Thomas; under Righteousness is Paul; on the right and left are Matthew and Jude Thaddeus, going forth into the world to teach and to baptize, and to propagate the kingdom of the Redeemer.

The relief which runs round the edge of the shield, represents the betrayal, the redeeming atonement of Christ, and his resurrection. Another portion represents our Lord's triumphal entry into Jerusalem; a third portion the descent of the Holy Ghost, the preaching of the Gospel, and the formation of the Church. The fourth and principal compartment contains an allegorical representation of the birth of the Prince of Wales and of the visit of the king of Prussia, accompanied by Baron Humboldt, General von Natzymer, and the Count von Stolberg, and welcomed by His Royal Highness Prince Albert and the Duke of Wellington; a knight of St. George being represented on the beach standing upon a dragon.

The shield has been dedicated the Buckler of Faith. The inscription on the shield runs thus:

"FRIEDRICH GUILHELMUS ETX BORUSCHEN,
ALBERTO EDGARDO, PRINCIPI WAllis,
IN MEMORIAM DIEI. HAPPA. XV. JAN. A. MDCCLXXX11."

COUNT ERNEST COBURG—GOTHA.

Fruit stones of various sizes, carved with a penknife.
LIST OF COMMITTEE, SUBSCRIBERS, AND EXECUTANTS OF THE CARPET EXHIBITED BY HER MAJESTY.

* THE COMMITTEE *

Thomas Crawick, Esq., R.A.
Phineas Fuller, Esq.
George James, Esq.
William Lobb, Esq., M.D.

J. W. Paynt, Esq., F.R.I.B.A.
W. C. Paynt, Esq., R.A.
Richard Hardinge, Esq., R.A.
William B. Simpson, Esq.
W. D. Stirling, Esq., R.A.
City of London Ladies' Committee.

David Henry Stone, Esq.

THE SUBSCRIBERS

The Lady Mayoress (1850).
Mrs. Allens, Peckham Rye.
Mrs. W. Cobett, Bedford-hill.
Mrs. Sharp, Clapham.
Miss Crawick, Bayswater.
Miss Jane Wray, Kenton Carwe.
Miss Dew, Balham-hill.

Mrs. J. Harrower, Crockeby-st.
Mrs. Fuss, Peckham Rye.
Mrs. Somers, Gloucester-square.
Mrs. Burton, Clapham-park.
Miss Harwood, Marylebone.
Miss Robins, Castle Eaktenby, Ireland.

THE EXECUTANTS

Miss Carr, Ealing.
Miss Wether, Ealing.
Miss Lang, Bryantstone-place.
Miss Whitehead, Maidstone.
Miss Lloeb, Tottonham.
Miss Betts, Clapham.
Miss Smith, Lewisham.
Miss Simpson, Great Ormonde-st.
Miss E. Simpson, Ditto.
Miss Willmot, Southampton.
Miss Buscombe, Maidstone.
Miss Burnaby, Blakeney, Northumberland.
Miss Fuller, Abingdon-street.
Miss E. Fuller, Ditto.
Miss G. Fuller, Ditto.
Miss J. Fuller, Ditto.
Miss Bovila, Lewisham.
Miss Peay, Great Marlborough-street.
Miss Baker, Great Mariot-ton-dale.
Miss Stone, Forest-hill.
Miss E. Snares, Kenton-dale.
Miss E. Stone, Sydenham-park.
Miss Allen, East Acton.
Miss E. Cobett, Bedford-hill, Balham.
Miss Bona, Forest-hill.
Miss Witten, Sydenham-hill.

Mrs. Byam, Goldsmith-street.
Miss Lawrence, Thackeray-street.
Miss Leonard, Clarence.
Miss R. Leonard, Ditto.
Miss Lockyer, Southwark-street.
Miss E. Stone, Rectory, Spitalfields.
Mrs. A. Garway, St. John's Wood.
Miss J. Garway, Ditto.
Miss C. Garway, Ditto.
Miss Bow, Kidder.
Miss Henry, Edmonton.
Miss Watson, Bayreux.
Miss Chawright, Sussex-song.
Miss A. Mansel, St. Ormond-street.
Miss G. D. Drew, Parliament-street.
Miss Martin, Canterbury.
Miss Seddon, Goldsmith-
Mrs. H. Gray, Byng-street.
Mrs. F. W. West, West-end.
Miss Bumb, Balham-hill.
Mrs. Wire, St. Swivells-lane.
Mrs. W. Kennedy, Dublin.
Miss Hall, Memory-square.
Mrs. H. J. Robins, Berkhampsted.
Mrs. R. Liethley, Home Hampstead.

Mrs. S. Littleboy, Berkhampsted.
Miss Maltby, Somers-square.
Mrs. Winstanley, Berkhampsted.
Mrs. E. Nicoll, Westbourne-pl.
Mrs. J. Haynes, Avenue-road.
Mrs. C. S. Clapham, Ditto.
Miss Bovila, Stockwell Lodge.
Mrs. Le Marcher, Hampstead.
Miss Foster, Thorpe, Norrwich.
Miss C. F. Foster, Ditto.
Miss Sharp, Clapham.
Miss A. C. Sewell, Ditto.
Miss Witham, Oakridge-wells.
Miss Forrester, Leeds.
Miss Atkinson, Mortimer-square.
Miss F. M. Watt, Ditto.
Miss Trigg, Stamford-street.
Miss C. Trigg, Ditto.
Mrs. C. Hatton, East Dulwich.
Miss Webb, Clapham Common.
Miss Peter, Henrietta-street.
Mrs. Leaf, Park-hill, Streatham.
Mrs. W. Humphrey, Somers-place.
Miss E. Stone, Rectory, Spitalfields.
Mrs. Lamb, Andover.
Miss Todd, Ditto.
Miss Gele, Glastonbery.
Miss Fordham, Bexsham.
Miss F. Whitaker, Wensley.
Mrs. H. Whitaker, Ditto.
Miss Orford, Ipswich.
Miss G. Packe, Camberwelle.
Mrs. T. W. Blagg, St. Albans.
Miss Hally, Allensbury, Coventry.
Miss Denborough, Grove-hill, Camberwelle.
Miss W. Field, Romney, Hampshire.
Mrs. Philip, Loughton, Essex.
Mrs. Theon, South Leam.
Miss Hargreave, Lewisham.
Mrs. Beazley, Poland-street.
Mrs. Cornall, Great Malvern.
Miss Cambridge, Buckingham.
Miss Redlich, Bedford.
Mrs. Johnson, Bayswater.

Mrs. Baxter, Edgbaston.
Miss Gray, Hamilton-terrace.
Miss Davis, Charsley Town.
Miss Lock, Moreington-cres.
Mrs. Beavon, Weybridge (3 Sqs.).
Miss Hill, Cheshamwell.
Miss Preston, Lancaster.
Miss Scott, Prince-street, Edinburgh.
Miss Chatal, Shrewsbury.
Miss Davis, Headingley, Carrarvon.
Miss Hancock, Stoks Neivington.
Miss Drummond, Croydon.
Mrs. Gould, Haslemere.
Miss Davidson, Perth.
Mrs. Webb, Milestones-street.

Miss Jackson, Lendal-hill-street.
Miss Arden, Sackville-street.
Miss Simonds, Trafalgar (3 Sqs.).
Miss Marshall, Moreington-cres.
Mrs. Greig, Oxford-street.
Miss Mans, Ecclestone.
Miss Man, Croydon.
Miss Henry, St. Albans.
Miss Young, Bow.
Mrs. Wm. Cobett, Bedford-hill.
Miss Lapworth, Old Bond-street.
Miss Mallandine, Old-street.
Mrs. Milyttown, Ditto.
Mrs. Fain, Stratford.
Miss Turnball, Shoreditch.
Miss C. Turnbull, Ditto.
Mrs. Hunt, Clvedon, Bristol.
Miss Hobbs, Badleigh Balterton, Devon.
Miss Scrotes, Allens-street.
Miss Edric, Helly.
Miss Copeland, Putney.
Miss Bishop, Oxford-ter, Hyde-park.
Miss P. Williams, Putney.
Miss Morris, Exon.
Miss Bowfield, Clapham-park.
Miss Garthorn, Southwell.
Miss Roberts, Swans.
Miss Le Grand, New Hampton.
Mrs. Herbert, Grantham.
Miss Phillips, Hull.
Mrs. Drummond, Eaton sq.
Miss Bunting, Jemmy.
Mrs. Cope, Ardshean, Ireland.
Miss Bailly, Champion-park, Denmark-hill.
Mrs. C. Parker, Forest-hill.
UNITED KINGDOM.

ABBREVIATIONS USED IN THE WORK.

Inv. Inventor; Des. Designer; Mod. Modeller; Sculp. Sculptor, Carver, or Engraver; Exec. Executed by; Prod. Producer; Mann. Manufacturer; Imp. Importer; Prop. Proprietor; Pat. Patent; Reg. Registered; Impr. Improver; Pro. Reg. Provisionally Registered.

SECTION I.—RAW MATERIALS.

OBJECTS EXHIBITED OUTSIDE THE BUILDING.

5 Chesterfield Granite Company. — A Doric column in granite, the shaft in one piece.
6 Carronie, W. F. L. Kinbromith, Arbroath, Scotland, Manu. — Flag-stones and free stones known as Arbroath pavement, from Leymill Quarries, Forfarshire, Border Quarries, Carnyrie and Lochie Quarries, from Balgieies Balmashanner, and Gunay Quarries, &c.
11 Welsh Slate Co. 1 New Bowes Court — Slate from Festiniog Merionethshire.
18 Sutcliffe, W. B. 7 Holywell St. Westminster, Manu. — Slate filter, the water being filtered in its ascent.
14 Sharp, A. Commercial Ed. Lambeth, Agent to A. Adam, Wick, Caithness-shire, Scotland. — Rockhill paving-stone, from the original quarries.
17 Towles, R. Market Rasen. — Blue lias, hydraulic cement, and polished stones, from Kirtton Lindseys Tunnel Stone Works.
19 Frankland, P. L. Galway, Ireland, Prop. — Black marble, from Lough Corrib, near Galway.
20 Sinclair, J. Forss, Threec, Scotland, Manu. — A cistern or bath of Forss-Rockhill flag. Samples of the stone, showing the natural surface, the half rubbed, and the full rubbed surface, &c.
22 Harwood, J. Arkley, near Barnsley, Prod. — Grindstones from the Arkley Oakes Quarry, Barnsley.
23 Doy, D. Nitshill, Hurlet, near Glasgow, Prod. — Free-stone block, from Nitshill quarry. Grindstone from the same quarry, three feet in diameter by six inches thick.
24 Bedford, Bond, Drakes, & Co. Oakes Quarry, near Barnsley, Prod. — Grindstones from the Oakes Quarry, near Barnsley, 8 feet in diameter and 14 inches thick, for grinding machinery, &c.
25 Oakeley, R. Coed Talon, near Mold, Flintshire, Wales. — Steam-coal from Coed Talon and Leeswood collieries, near Mold, North Wales, one block weighing 16 tons.
27; and 208 Buckingham, J. 13 Judd Pl. East, New Ed. Prod. and Imp. — Anthracite coal, from Tenby, South Wales.
28a Raynes, Lupton, & Co. Liverpool, Prod. — Specimens of pure limestone, from Pentregwyddal quarries, near Abergele, Denbighshire, used as a lithographic stone, &c. Specimens of stones, from Craig-awydd quarries (Penmaen-Mawr, Carnarvonshire).
29 Round, D. G. Hange Colliery, Tipton, near Birmingham, Prod. — Specimens of iron ore. Specimens of South Staffordshire coal, 16 feet in circumference, and five tons in weight.
29a Haines & Sons, Denbigh Hall, Tipton, Staffordshire, Prop. — Large specimen of the Staffordshire thick, or ten-yard coal; weight, 13 tons. Raised from a depth of 160 yards by the ordinary steam-engine, with no other apparatus than that generally in use.
30 Prothero & Price, Tillery, near Newport, South Wales, Prod. — Steam coal, the produce of a newly opened colliery, which may be brought up in masses of 50 tons weight.
33 Voxne, C. Pimlico, Des. — Chess board and men, male from coal and gypsum.
34 James & Aubrey, Swansea, Prod. — A large block of anthracite, or stone coal, from Cwmllynfell, in the Swansea valley.
35 Ince Hall Coal & Canwel Co. Wigan. — Cannel, Arley, and Lemberton coal, with various vases, manufactured of cannel coal.

(OUTSIDE—SOUTH SIDE.)

2 Board. — Figures in Portland cement.
3 Organ. — Block of serpentine.
4 Bond & Aspin. — Cement.
5 Ramsden & Parsons. — Artificial stone.
10 White. — Portland cement.
12 Slay. — Figure in Portland stone.
13 Sutcliffe. — Slate-filter.
17 Furse. — New artificial stone.
36 Cameron's Coalbrook Steam Coal & Swansea & Loughor Railway Co. 2 Moorgate St. — Steam coal, from Loughor, South Wales.
37 Barrow, R. Staveley Works, near Chesterfield, Derbyshire. — Coal, from the mines at Staveley, county of Derby, raised from a shaft 459 feet deep. Pieces, cut with a saw, to exhibit the use of this coal as ballast, or for stowage in steam ships going long voyages.
UNITED KINGDOM.

Class I. Mining and Mineral Products.

—Anthracite coal, from Llanelly, South Wales.

29. Fowkes & Firth, Tillery, Newport, Monmouthshire, Coal; a piece of which weighs three tons.

30. Davis, D. Hurstn, near Martha, Tyndall, Wales, Prop.—The Blaengwyrn steam coal, from Aberdare.

31. Ferryside, The Earl.—Pillar exhibiting a complete section of the Barnacle thick bed of coal, from the Eikcolt colliery.

32. Cottrell, Jones & Co, Abergavenny, Monmouthshire—Iron, from Cwm Celynn and Blaenau iron works. Yossall tree from the coal measure.

33. 392 The Brymbo Co. Wrexham, Wales, Prop.—Minerals and coal, found at Brymbo, near Wrexham, or in the neighbourhood. (Outside 44, and in Class I. 333.)

34. Bagnall & Goodwin, West Bromwich, near Birmingham, Prop.—Column of South Staffordshire thick coal; showing the different working seams as they exist in vertical section.

51. Cheesewring Granite Co.—Agent in London, R. Turner, Belvidere, Ed. Lambeth.—Granite column and pedestal, 30 feet high, from the Cheesewring granite quarries, near Liskeard, Cornwall.

74. Scandale & Noble, Bagshot, Germ. and Prod.—Cypreea ferox, or weeping cypree, 60 feet in height, from the green-field country, Whedon (Whedon), in the north of China. Specimens of the wood polished.

Class I. Mining and Mineral Products.

29. Liverpool Local Committee, Town Hall, Liverpool, Agent. A collection of specimens of foreign articles imported into Liverpool within the last five years. The collection is complete as to vegetable fibres, metallic medica, groceries, and mineral products; incomplete as to perishable animal and vegetable products, and manufactured goods.

Bird & Co. 5 Martin's Lane, Cannon St. City, Prop.—Specimens of tin-plate, and of raw iron in process of manufacture. Anthracite piece of fractured raw pile for mill; patented by J. Beagley & Sons, E. F. Railway.

59. Barlow, P. Soho, near Birmingham, Prop.—Complete model and section of a Staffordshire coal-pit, with apparatus for preventing explosions in coal mines.

76. White & Grant, Dalmaunton Ed. Glasgow, Inv. and Mann.—Patent safety cage and detaching cage for mine-shafts to prevent accidents from the breaking or over-winding of ropes or chains.

101. Powell, T. Cardiff, Wales, Prop.—Duffryn steam coal.

102. Powell.—Fossil.

103. White.—Fossil.

104. Lestage.—Limestone inclosing granite.

105. Mostyn.—Emeralds.

106. Cassels, A. Edinburgh, Prop.—Two curling stones used in Scotland in the national games of curling; made of the rock of the Allad Craig, in the Firth of Clyde, &c.

107. Carter, J. Delahaye, near Cameloe, Cornwall, Prop.—Two specimens of rock crystals, taken from the slate quarries at Delahaye, near Cameloe; used for jewellery.

108. Breadalbane, Marquis of.—Specimens of copper, silver-lead, and lead ores; granite, porphyry, &c. from Perthshire and Argyllshire.

109. Lesmore.—Models and crystals.

110. Mitchell, Rev. W. St. Bartholomew's Hospital, Dea. and Inv.—Models of all the primary and secondary forms of crystals, &c.

111. Slater & Whitting.—Jet ornament.


114. Battersea.—Agate.

115. Eller—Harlequin waters.


117. Nicolls, J. Omagh, Co. Tyrone, Prop.—Case of pearls, found in the deepest part of the river Strule, at the town of Omagh, Ireland.

118. Cowin & Rose, Elton, Scotland, Prop.—Pearls from the river Ythan, Aberdeenshire.

119. Tolan.—Agate.

120. Whittaker, J. Worksworth, Derbyshire, Prop.—Specimens of marble, and marble vase. White sand. White lead ore, and staurolite.

121. McQuire.—Pearls.

122. Swinden.—Amber.

123. Jamieson, G. 107 Union St. Aberdeen, Prop.—Cairngorm stones from Cairngorm, Aberdeenshire, rough and cut. Aberdeen and Peterhead granite, cut and mounted. A ram's head mounted in silver, as a snuff-box. Scotch pearls found in the rivers Don, Ythan, and Ugie, Aberdeenshire.


125. Oxland, E. Buckland St. Plymouth, Inv. and Mann.—A series of specimens illustrative of an improved process for dressing ores of tin; containing wolfram, the tungstate of iron and manganous. A series of specimens of sugar, produced by the process of refining by acetate of alumina, patented by B. and J. Oxland, of Plymouth. Specimens of Dartmoor peat, and the products obtained by its destructive distillation in cast-iron retorts; peat charcoal, pyroxyle, spirit, chloroform, &c.

126. Pearse, J. Darlington.—Coal, from Peare's West Collieries; coke made from the above. Fire-clay, fire bricks, drain-pipes, coping ridge-tiles, &c.

127. Howard, T. C. E. Bristol.—Collection of sand-clays, building stones, and marbles; coals, minerals, and metals, belonging to the Bristol basin. Maps and sections of the strata, &c.


129. Gelas, M. Sheffield.—Various minerals.

130. Macalcolm.—Turquoise.

131. Tewyn Museum Committee.—Sendy minerals.

132. Fairh, J. M. Farham, Prop.—Phosphoric fossils and marbles from the upper green sand, the gault, and the upper part of the lower green sand, geological formations. Transverse section of pocket of hops of the choicest Gobling variety, grown upon the phosphoric marl of the upper green sand, &c.

133. Lance, E. J. Frimley, Bagshot, Surrey.—Specimens of minerals, used as manures; of cultivated soils or earths, arranged from London to Cornwall. Specimens of corn, in illustration of the above mineral collection, &c.
UNITED KINGDOM.

CLASS I. Mining and Mineral Products.

184. Dixon.
185. Bowes.
186. Gill, W. M. Truro, Inv.—Normal granite a mantle prepared from the refuse of the fisheries, as a superior fertilizer.
188. Ackerman, J. W. Newbury, Berkshire.—Specimens of soils which surround Newbury, with their applications.
189. Specimens of bricks, tiles, and pottery.
190. Roche, J. W. Manchester.—Coal found in the summit tunnel of the Hastings and Ashford railway, 300 feet above the sea level. Claystone, said to contain oxides of chromium.
192. Sollander, T. Tegernsee, Devon, Mass.—Tables, inclusions, etc., made of, or inlaid with, madrepore, found at Tegernsee. Brooches and bracelets of malachite. Specimen of quartz from Des Moines.
194. Steetley, W. Manchester.——Iron ore and ironstone from the chief iron-producing districts of England, Scotland and Wales, with pig iron from the produced series.
195. Trickey, G. Manchester.——Iron ore and ironstone from the chief iron-producing districts of England, Scotland and Wales, with pig iron from the produced series.
196. Trickey, J. Manchester.
197. Ramsay, A. Manchester.
198. Cable, J. Pendle, Biddulph, and Mam.—Fuller's earth from the raw state, and dried and prepared for use in the manufacture of woolen. Stone and spar found in the same strata, at the Crawley pits in Newfield, Surrey.
199. Woodhead, J. Leeds, Mass.—Ball-ropes, flaxweb, hemp rope; worsted netting; for protecting fruit trees from frost. Large specimens of iron pyrites.
200. Gaskin & Elmes, 7 Princess St. Finsbury, Mass.—Fuller's earth from Belgate and Nutfield, in Surrey.
201. Dawe, T. Belgoa, Prod.—Gray-stone lime, from lime-works, Belgate Hill.
203. Woodman, W. Northwich, Cheshire, Prop.—Rock salt, from Northwich; refined salt for curing fish. Fine high-fired and Malvern salt, for table use. Large granulated salt.
204. Hilg, J. Ringens, Dublin, Mass.—Basket and pink salt for table use; Irish fine, or butter salt, and coarse or provision salt.
208. Prior, S. jun. 39 Fleet St. Imp.—Rocks and fossils, to illustrate works on geology, from Dr. Krantz, at Benn.
209. Nixow, Rev. A. Natchfield, Dumfriesshire, Donegal, Ireland, Prod.—Silicious sand, from Muckish mountain, near Sheephaven on Balbyness. Slate, from Ballyboes quarry, recently opened. Sesame, found in large masses on the seashore.
210. Brooke, P. E. Down Hatherley, Gloucester, Prod.—Limestone, applicable to purposes of lithography, etc. Travertine, sepiaria, iron pyrites, hard limestone, bone bed, from Wiltshire, Gloucestershire, Somersetshire, etc.
211. Waxrow, J. Greenfield, Alston, Prop.—Quartzes, ruby blende or limestones, fluor spar, copper pyrites; and blende on quartz; carbonate of lime; and carbonate of lead, or lead ores.
212. Brookman, W. 39 Devonshire St. Queen St. Pat. and Mass.—Native plumbago, Cumberland black lead, lead cedex pencils, etc.
213. Green & Sons, 113 Cheapside, Inv. and Mass.—Drawing pencils: Water colours, prepared with wax, etc.
214. Argar, Blacklead pencils.
216. Brookman & Langdon, 28 St. Russell St. Prop.—Black lead, raw and hardened, from Cumberland.
219. Mclner, C. 103 Lordshipall St. Mass.—Circular gridstones, for glass, mineral teeth, file tools, etc. Grinding laths, etc. Circular and flat clinestones.
220. Richardson, T. W. Breda, near Northam, Sussex.—Specimens of silicious stone found in the parish of, Breda, Sussex; for sharpening edge tools.
221. Corson, G. Manfield, Prop.—Bed casting sand, found only at Manfield, is of value for producing the finest castings.
222. Fletcher & Hadley, Kestlehills, 3 Broad Lane, Sheffield.—Prepared Trent sand, or wharps. Prepared Welsh rotten-stones. Prepared lime, used for polishing Britannia metal, brass, copper, German silver, electropholoids, and silver plate, etc.
223. Wilson, Sir J. Casting sands.
224. Garnet, Sand.
226. Lockes & Sons.—Sands.
227. Mossman, G. Agent of Earl Scars, Belgoa.—Sand from the common called Belgate Heath, which from its fine sharp grit, is valued in the manufacture of glass.
228. Baily, G. Belgoa, Surrey, Prod.—White sand, from the Tunnel Caves at Belgate, called in use silver sand.
229. Royal Dublin Society, Kildare St. Dublin, Prop.—Specimens of marble from Armagh, Galway, Roscommon, Kilkenny, etc. Native gold, from county Wicklow, lead and copper. Specimens of the clay iron stone, from Arigna, now called Drewsardemo, Slane. Fire brick tiles, etc. Compounded pest fuel. Coal, etc. Hematite and feldspar, from different localities. Alpaca wool, grown at Grasmere, county Kerey.
230. Rogers, S. W. Isles of Man.—Specimens of the earths and sands of the isle of Man.
231. Skeels.—Sands.
232. Bowes, Capt. & Simeons, G. N. Truro.—Specimens of sands from Cornwall for building and agricultural purposes.
233. Styles.—Sands.
234. Squire, J. & Wi. Tamworth, Isle of Wight.—Specimens of pure white sand, for the manufacture of best flint glass, from Alum Bay, near the Needles, Isle of Wight.
167 Lee, J. L.L.D. Hartwell, near Aylesbury, Prop.—Samples of fine washed sand, from Stone, near Aylesbury, and glass prisms and spheres made from it. Black face, made by poor women of the parish of Stone, near Aylesbury.

182 Farnham, T. Wareham, Prop.—Potter's, or pipe or brown clay, from Carey pits, with ware and tobacco-pipes made therefrom; also silicious sand, for the manufacture of glass.

190 Gridne, J. Prestongrange, Fife.—Fire-clay in its raw state, with articles made from it.

191 King, J. Hurst and Company Alum Co. Glasgow, Man.—Alum slate, or schist, from the mines of Cambes, Strickshir, rough and manufactured, &c. Iron pyrites and pyrites of potash.

191 King, W. Demdige Lodge, Gasley, near Newmarket, Man.—Red brick earth as dug from the pit. Red building cement, and coping bricks made from it.

192 Dresser, J. Middleton, County of Cork, Ireland, Prop.—Various materials obtained at Bostella, county of Cork, Ireland, and articles of earthenware and glass, manufactured from them.

198 Armor.—Clay.

199 NORTH DEVON POTTERY Co. Annery, near Bideford, Man.—Raw clay, as raised from the pit. Gravel or sand, from the River Torridge. Sewage pipes, hollow brick, ornamental ridge and garden tiles, &c. made from the same.

196 Burney, W. Black Hudd, Gateshead, Newcastle upon Tyne.—Specimens of clay, found near Black Huddley; with articles manufactured from the clay, by Fall and Co., Newcastle.

198 Crocker.

197 REDMOND, S. J.

198 DAY & CO. Old Swan Lane, Upper Thames St. Prop.—North Devon clay, from the Isle of Furrow.

199 Jenkins & Cowley, Truro, Prod.—Specimens of Cornish china stone, and with its natural fracture; raised in the Great Boscill china stone quarries, St. Stephen's, Cornwall, largely used in the potteries for the manufacture of the finer descriptions of china and earthenware.

200 IPSE & Co.

201 MARSHALL.

203 McCaull, S., St. Austell.—White china clay, for manufacturing china and earthenware, also for bleaching paper, calico, &c.

205 Philips.—China-clay.

205 Fox, W. & J. Wareham, Isle of Purbeck, Prod.—Potter's or blue clay, used in the British potteries. Stoneware clay, used for stoneware and drain-pipes. Pipes and alum clay.

205 Bowers, W. St. Austell, Prop.—Specimens of china clay, derived from the decomposition of piper. Engine repoter, containing a description of the duty performed by the steam-engines used in the mines of Cornwall and Devon;

203 Thomsen, C. St. Austell.—Cornwall china stone, and china clay, native and calcined; in a state for porcelain, and for bleaching and paper-making.

207 Turner, C. St. Austell.—Clays as dug out of the earth, from Cade's Down clay-works, prepared, burnt, and calcined.


209 WILKINSON, PICHEY, & Co. St. Austell, Prop.—Samples of China clay. Bleaching clay, used in the clothing of the china and earthenware manufactures. Clay, used in the manufacture of alum and China stone.

210 EN ROUTE.—Brick and tile clay.

211 PHILLIPS, W. Morley Works, near Fympton, Prod.—Dissolved granite, from Morley Works, Devon. Prepared china, clay, or decomposed feldspar. Clay for firebricks and crucibles. Plymouth porcelain made by Cockworthy, the discoverer of china clay in this country. Pottery and tiles made from the china clay.


214 Sussex, F. & T. Newington, Man.—Specimens of raw and burnt clay, used for glass-house pots. Portable furnaces, retorts, crucibles, &c., with specimens of the ware, &c.

215 JENNER & BAXE, Truro, Prod.—Lump and powdered ochre, from Penwith, near Truro, used chiefly by painters, paper-stainers, and paper-makers.

215 JENNER & BAXE, Truro, Prod.—Ochre, from Kea, near Truro; used in the manufacture of paints, paperbaggings, &c.

216 POTTER.—Ochre.

217 ROBERTSON.—Ochre.

218 HOCRADAY.—Ochre.

219 GORSE, W. Moreton in Marsh, Prop.—Ochre, brown, in its raw state, &c., calcined, for colours.

220 JENNER.—Ochre.

221 FOSTER & CO. 37 Aldgate, and Cromford, Derbyshire, Prop. and Man.—Derbyshire spar, white, lead ore, barites, &c.

222 DAWES, W. B. Mold, Prop.—White lead ore, carbonate lead ore, from Jamaica mine.

223 FOSTER, HARGREAVES, & Co.—Plaster of Paris.


225 MARTIN, KEMP, Higher Blowing House, St. Austell, Prod.—Porcelain or china clay, natural, and as prepared for the market. Silicious sand, used in the manufacture of glass, &c.

226 COWPER, J. Alston, Cumberland, Prop.—Large crystal of sulphate barites. Brucite on bittern and pseudomorphous quartz. Carbonate barites, extensively used in the manufacture of glass. Barytes and galena, coal shale, carbonate of lime, &c.

227 WATTS & SONS, Westminster, Man.—Specimens of cement stones and those producing plaster of Paris, as used in England for building purposes; showing the raw stone, the powder calcined and ground, and cubes of cement in a set state.

228 BLYTH & JACOBS, 44 & 45 Baldwin's Gardens, Gray's Inn Lane, Man.—Gypsum and its products.

228 BLYTH & JACOBS, 44 & 45 Baldwin's Gardens, Gray's Inn Lane.—Gypsum; the same calcined; also prepared for manure. Plaster of Paris, with various articles of the same.

229 GRIEVES, R. Warwick, Prop.—Blue lime limestone. Models in limes, Portland, and improved Roman cement, &c.

229 WATTS, W. Dunstable, Beds.—Chalk produced in the Downs of Dunstable. Whitening, or chalk in a refined state.

231 MAXWELL, W. Murchies, Dalbadie, Scotland, Prop.—Slab of granite from Craigairn quarry, near Dalbadie, Kirkcudbright.

232 MERRITT, J. H. Fowey, Cornwall, Prop.—Slabs of black, red, and green porphyry. Tesselated porphyry. Table containing 54 specimens of native stones from Widnall, in the county of Cornwall.

233 ROSSMORE, Lord, Bosmore Park, Monaghan, Ireland, Prop.—Specimens of green granite from Rossmore Park, county Monaghan.
<table>
<thead>
<tr>
<th>Class 1. Mining and Mineral Products.</th>
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<tbody>
<tr>
<td>287. SMY, W. Inverary, Scotland, Man.—Specimens of granite, from Inverary and Benon; and of Loch Etne and Mull granite.</td>
</tr>
<tr>
<td>290. Voss, J. Woody hybrids, Coffs Castle, Prop.—Purbeck marble, used in decorating the interior of the Temple Church, London, &amp;c.; from Woody hybrids, Coffs Castle.</td>
</tr>
<tr>
<td>290. COOKTOWN, Lord.—Block of Jasper.</td>
</tr>
<tr>
<td>291. COLLINS, A. Marble Works, Kilkenny, Ireland, Man.—Best pedestal of Kilkenny marble, from the Black Quarry.</td>
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<tr>
<td>292. ELAN.</td>
</tr>
<tr>
<td>293. GILLESPIE, F. L. Castletown, Isle of Man, Prod.—Gibbing marble, obtained from Cushnahanwin and Skillcove, in the parish of Malaw, Isle of Man; red porphyry, and agate or pebbles.</td>
</tr>
<tr>
<td>293. FISHER, J. High St. Galeshead, Newcastle-upon-Tyne, Inv.—Freestone, from a quarry in Gateshead, used for building furnaces for glass-houses. Model of a patent steam boiler, intended to consume a small quantity of fuel. Model of a common sewer, with pipes for gas, water, &amp;c. Lamp for mines. Safety-valve, in the form of a cup and ball.</td>
</tr>
<tr>
<td>294. MOWBRAY, L. A. 15 Claremont Terrace, Puteville—Specimen of pure oriental alabaster, veined in colours, from Canada.</td>
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<tr>
<td>295. DAMON.—Polished septaria.</td>
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<tr>
<td>296. LAXO.—Building of ornamental stones from Ireland.</td>
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<tr>
<td>296. JENKIN &amp; symes, Truro.—Varieties of porphyry from Trescoree, in Withiel.</td>
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<tr>
<td>296. WATTS, H. G. St. Heller, Jersey, Prop.—Specimens of Syenite and conglomerate.</td>
</tr>
<tr>
<td>298. FREEMAN, W. &amp; J. Millbank St. Westminster, Prod.—An extensive collection of specimens of granite, Portland stone, slate stone, Purbeck marble, Bath stone, fire-stone, Galway marble, and Caen stone, from all parts of the United Kingdom.</td>
</tr>
<tr>
<td>298. COOPER, G. Wicker Lane, Sheffield.—Specimen of registered Venetian chimney-top.</td>
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<tr>
<td>298; HUTCHINSON.—Best and pedestal in blue Peterhead granite.</td>
</tr>
<tr>
<td>298. NICKS, T. Truro.—Varieties of porphyry for various purposes.</td>
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<tr>
<td>298. EEB, T. H. Trebantha Hall, near Llanmoin, Prop.—Varieties of porphyry for ornamental and building purposes.</td>
</tr>
<tr>
<td>298. WHITELAY, N. Truro.—Varieties of porphyry.</td>
</tr>
<tr>
<td>298. FOUT, J. Abingdon St. Westminster, Prop.—Specimens of Portland stone, with specimens of workmanship; to be used for internal and external work.</td>
</tr>
<tr>
<td>298. BELL, J. 25 Buckingham Pk. Fitzroy Sq. Des. and Man.—Specimen of oolitic limestone, from the Oorton Bank Works, Cheshire; marble, &amp;c.</td>
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<tr>
<td>298. CARLETON.</td>
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<tr>
<td>299. CLARE, G. H. Rotherhithe, Agent.—Granite, from Haytor Rocks, South Devon. Bramley Fall stone, from Yorkshire and Berwick-on-Tweed.</td>
</tr>
<tr>
<td>300. CRAWFORD, Rev. G. J. Castletown, Isle of Man.—Specimens of flagstone, marble, freestone, granite, porphyry, greenstone, iron ore, &amp;c., from the Isle of Man.</td>
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<tr>
<td>300. DAVIES.—Building-stones.</td>
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<td>300. FISHER.</td>
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<tr>
<td>300. FOWLER.</td>
</tr>
<tr>
<td>300. FREEMAN, S. Coronhot Bottoms, near Halifax, Prod.—Laminated, flag-stone; black stone, from Ringby, and from the Kiln Edge Quarries; sandstones from the quarries at Greatland, near Halifax, Yorkshire.</td>
</tr>
<tr>
<td>300. FOSTER, W. Hawthorn Cottage, Stroud.—Building stones from Palmswick Quarries; from Sheepscotels, and from Nalwort Quarries.</td>
</tr>
<tr>
<td>300. HANCOCK, J. Godley Cottage, near Halifax, Prod.—Freestones from Northdown quarries, near Halifax, rough and dressed. Flag, for causeways, &amp;c. Millstone grit, from Halifax.</td>
</tr>
<tr>
<td>300. HUGHES &amp; Sons, 1 Gt. Dover St. Borough.—Millstones made of French burr, with wind-chest and ventilating holes, for grinding with Bovill's patent air-blast.</td>
</tr>
<tr>
<td>300. JENKES, B. Hereford, Prop.—Specimens of sandstones, from the Three Elms Quarries near Hereford, very durable.</td>
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<tr>
<td>301. KIMSEY.</td>
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<tr>
<td>301. LYNN, BECKRAM, &amp; Co. Rotherhithe, Prop.—A block of Caen stone from Allemagne Quarries, Caen, Normandy, and two cubes of stone from Aubigny, France.</td>
</tr>
<tr>
<td>301. ARMSTRONG.</td>
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<tr>
<td>301. BERRY &amp; BURKE, Mawgan St. Columb, Prod.—Firestones, a soft grained claven or porphyry, from quarries near Newquay.</td>
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<tr>
<td>301. BRIDLE, J. Newcastle-upon-Tyne, Maker.—Model, showing the process of manufacturing shot from lead.</td>
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<td>301. BULLS.</td>
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Aberdare, in Glamorganshire. Bituminous coal from the
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269 JENKINS.—Coal.

269 LAMBERT.—Coal.

269 CLARKSWORTH.—Coal.

270 LANDAU.—Coal.

271 LIVINGSTONE, A. S. Swansea, Inv. and Pat.—Block
of fuel made from small coal.

272 O'BRIEN, W. J. Montague St. Fowey, Ex. Prop.—
Specimen of Steerforth (O'Bryen) coal.

274 SUTCLIFFE, John Clark, Barnsley.—Model of
Honey Well Colliery, Barnsley, showing the manner in
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278 DAY & TWEEDIE, Barnsley, Prop.—A column of
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found together, and generally known by the name of the
Barnsley thick coal, from the Mount Osborn Collieries,
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279 WHEALEY.—Coal.

277 NESBITT, Coope, & FAULK, Works, Dade, Barnsley,
Prop.—Silkstone Main house coal, from the Silkstone
bed. Works, Park hard or steam coal, and soft or house
coal, from the Barnsley bed.

278 JONES, Hines, & Co. Oakes Colliery, Barnsley,
Prop.—Coal for steam ships, for converting iron into steel,
for smelting iron, from the Oakes Colliery.

279 COX, G. W. W. jun. Commercial Rd, Mann.—Lon-
don black coals, for locomotives and foundries.

280 CLARK, R. C. Exon, of Silkstone, near Barnsley,
Prop.—Coal, drawn from the old Silkstone Colliery, Barnsley,
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281 NIVEN, J. & Co. Cardiff, Prop.—Methyloth and
Cardiff steam coal, from the Werth colliery, near Abersadare and
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282 BARKER, G. H. Derwent Haugh, Newcastle, Inv.—
Cannel coal, with carved specimens. Coke and sample of
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for different crops.

284 KIRKCALDY, Rev. W. A. M. Woolwich, Inv. and
Mann.—Specimens of coal recently discovered near Edin-
bury, with ornamental articles made of the same.

285 WESTERN GAS LUMBER Co. 9 Holles St. Cavendish Sq.
Newcastle cannel coal, from which the gas supplied to the
building of the Great Exhibition, is made. Coke.

287 MOSS & Sons, Llanelli, Wales, Prop.—Stone
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Cerdain.

288 RUSSELL, J. Risca, near Newport, Monmouthshire,
Prop.—Specimen of Risca black-vein coal, South Wales.
Specimen of new black-vein coal, raised at Cwm Tillery.
Argillaceous iron ores from Risca. Fire-bricks.

290 COAL TRADE OF NORTHUMBERLAND AND DURHAM,
Newcastle-upon-Tyne.—Map, section, synopsis, working
plan, and specimen of the coal deposits, coal, rocks, &c., of the
coal-field of Durham and Northumberland; with models
of machinery.

292 WAINI, C. H. Nest Abbey, Glamorganshire,
Wales, Inv. and Mann.—Machines for cutting or working
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between the valleys of Nest and Swansea. Anthracite coal,
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293 MAVI, R. W. 17 Silver St. Wood St. Chesham, Inv.—
Glass pipes for the conveyance of aseous or aeriform fluids.
Metallic flanges and screw couplings.

400 BOTHELL, H. Alfreton, Prop.—Specimens of coal
and iron-stone, and of organic remains in connection with
the Derbyshire coal-field. Iron in its different stages of
manufacture, including pig-iron, refined metal, puddled,
and cast iron, &c. Converting steam-engine, 10-horse
power, without a side valve, the steam being admitted
and exhausted through the trunk needles by the motion of the
cylinder.

402 DICKINSON, J. F. G.S. Inspect. of Coal Mines,
Birmingham, Prop.—Section of the staves in the coal and
ironstone mines at Dowlas and Methyr Tudwil, South
Wales.

404 MILLER, R. Foxhole Colliery, near Swansea, Inv.—
Model for opening and closing doors, for mining purposes,
by a revolution of levers.

408 MOORE, J. M.D. 10 Saville Row, Prop.—Iron ore,
with its products, limestone rock, fire-clay, moulding sand,
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407 DODD, T. F. Newcastle-upon-Tyne, Prop.—
Specimens of hematite, or kidney ore, used to mix with
 poorer iron-stone.

407 BOUDREAU, W. H. Ulverston, Man.—Iron ore;
Scotch pig-iron; blister, cast, and sheet steel.

408 SULLY & Co. Staffordshire.—Iron.

409 LATCH & Co. Newton, Monmouthshire, Prop.—
Specimens of black-band iron ore, raised from mines at
Gloucester, parish of Gelligwy, Glamorganshire.

410 The Brown Vally, B. Abbeysgreen, and SS
Upper Thames St. Prop.—Coal, iron stone, &c. from the
Ebbw Vale and Coalbrook Dale. Maps and models of
the mineral fields and workings.

413 BARKER, BUTLER, & Co. Leeds, Man.—Double
fogated railway axles; railway gear-bases; double fogated
caissons and carriage axles. Double worked tubular iron,
best quality. Railway carriage wheels, &c., showing mode
of manufacture, fibre in fracture, &c. Sounding regulating
damper for high-pressure boilers. Registered improved
movable escutcheon handle.—Reg.

414 BELL, R. Penarth Fence House.—Iron and coal.

416 HARRIS, AINSLIE, & Co. Newland Furnace, Ul-
erston.—Hematite iron ore, from Liskey Moor, in Furness.
Charcoal pig-iron and furnace clinker, from Newland, Back-
daux, and Lorne Furnaces, said to be the only
charcoal furnaces in Britain.

418 AIRSWORTH, T. Cleator, near Whitehaven, Manu—
Iron ore, from mines in Cleator. Pig-iron, from hematite
ore only.

418 THOMAS, J. T. Coleford.—Iron ore, from the
Forest of Dean.

417 MONTAGU, A. Lydney, Gloucestershire, Prop.—
Specimens of the iron ore from the mines of the Forest of
Dean, with pig-iron, &c.

419 PAGE, J. R. Atherstone Club House, Prop.—Iron-
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washed, with iron, from the same.

419 BOWEN, J. Greenwood, near Whithby, Agent.—Cal-
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from Fairhead, near Greenwood. Petrified shells, &c.

420 MONKLAND IRON AND STEEL Co. (W. Murray), 53
West George St. Glasgow.—Specimens of coal, ironstone,
fire-clay, and Roman cement, from the mineral field of
Lanarkshire, with illustrations of their value, in malleable
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421 BLACKWELL, R. Dudley.—A collection of all the
iron ore of the United Kingdom.

421 GLOVER, T. Clerkenwell.—Meters; and the large
gas meter for measuring the gas supplied to the building.

422 STIRLING, N. Edinburgh.—Iron ores, and iron.

423 BANKART & Son, Bed. Jacket Copper Works, near
Neth, North Wales, Inv. and Mann.—Various stages of
the process of copper smelting, as practised at Bed Jacket Works.
UNITED KINGDOM.

Class I. Mining and Mineral Products.

424 Amersham and Wycombe Colliery Co., Newport, Monmouthshire, Prop.—Block of Abercorn stone, very hard and durable. Blocks of Abercorn and Gwythen charcoal vein coal, and of Abercorn rock vein coal. Tools used in raising these materials.

425 Walls, J. Newcastle.—Model of coal mine.


427 Stanhope Mining Co., Ulverston.—Furnace iron ore, hemstite, produced from mines of the Earl of Burlington, and used for making iron with inferior iron ores.

428 Taylor, E. Falmouth, F. Soc.—Model machinery and appliances used for dressing the inferior copper ores of Cornwall, at the Tywarnhale mines, the property of His Royal Highness the Prince of Wales, in the Duchy of Cornwall. Specimens of the mineral in its several states of preparation, and of the clean ore, accompany the model.

429 Hobbs, W. H. Holborn.—Crucibles for assaying, &c.


431 Morton & Rogers, London.—Galvanized iron.

432 Rees, F. 12 Cornwall.—Copper ore, from Trenance mines, Cornwall.

433 Tewhasta, J. Strand.—Copper ore from Lake Superior.

434 Graham, J. Earlehead, near Glasgow.—Green-stone, showing native copper; native copper, as found in the fissures and crevices of the rock, from Boyleston quarry, Herefordshire.

435 Boileau, E. Penzance.—Model of a reverberatory tin smelting furnace, &c., with specimens of various ores and products.


437 The Trewin Local Committee.—Articles illustrating tin, from various Cornish mines, exhibiting the ore in its several stages until it leaves the miner's hands as black ore, &c.; illustrated by a rude model block of tin supplied by Mr. G. N. Simmons, found in Ladoe, near Trewin, and supposed to have been smelted when the Phoenicians traded to Cornwall for tin.

438 Local Committee, St. Austell, Collectors.—Alluvium, in which stream tin ore is found. The ore as prepared for smelting. Specimens of pebbles of tin ore. Building stone from the vicinity of St. Austell.


440 Oakley, J. 320 London Wall, E. London.—Stone of magnetic iron, of peroxide of iron, of peroxide of manganese, and of micaceous iron, from Penrice, near Adelaide, South Australia.

441 Bax, R. Redruth, Inv.—Safety bucket (to be used in mines for drawing persons or provender), having guides to run in grooves which extend the whole depth or shaft of the pit.

442 Richards, A. Redruth, Cornwall, Des.—Sectional model of East Pool Mine copper lode, Cornwall, showing the direction and underliths of the lodes.

443 Landale, D. 6 Forth St. Edinburgh, Des.—Vertical sections of the Scotch coalfield, exhibiting the seams of ironstone and limestone from the upper red sandstone down to the main bed of the basalt, and of the various limestones. Ayrshire and Fifeshire coal and iron stones.

444 Pocky, J. St. Blazey, St. Austell, Agent.—Mass of copper ore, about 1,500 lbs. weight, from Parr Consols mine, St. Blazey, Cornwall.


446 Widdowson, J. St. Austell, Manager.—Slab of rosta tin ore, from the Parr Consols mine, near St. Austell, Cornwall. Stone of the magnetic oxide of iron, from Roche Rock iron mine. Sulphuret of copper, or yellow copper ore, from Bodmin Wheel Mary Consols, near Bodmin.

447 Suckdom, S. Phoenix Mines, Liskeard, Prod.—Tin and copper ore, and gossen, capel, &c., from Phoenix Fire-bricks. Native copper, from West Carradon mine. Barytes from Wheel Mary Ann.

448 Daver, B. Redruth, Miner.—Specimens of ores of zinc.

449 Copeland, G. A. Pendarvis, Falmouth, Inv. and Mann.—Safety blasting cartridges, intended to afford protection to the workmen from premature explosions, &c.

450 Vivian & Sons, Swansea, Mass.—Specimens of copper ore, and of calcined ore, blistered and refined copper, &c.

451 Watn, A. Llanelli, Wales, Prod. & Mann.—Specimens of pure anthracite coal, from Owengford, Llanelli. Models of anthracite blast furnaces, &c.

452 Amersham Iron Co., Aberdare, near Merthyr Tyd- vil, Wales, Prop.—Aberdare steam coal.


454 Oxlax, E.—Separation of wallfrom from tin.

455 Pixie, H. & Co. 29 Newhall St., Birmingham, Mass.—Gold and silver leaf and bronze powders.

456 Patterson, E. L. Newton-le-Ward, Tyne. Discoverer—Illustrations of Pettenkofer's processes for the separation of silver from lead, with plates of silver obtained by submitting rich lead to cupellation.

457 Hallett, G. Broadwall, Blackfriars, Mann.—Antimony ore from Sarawak, Borneo, Lughors, Tuscany, and Algeria. Refined metallic antimony and metallic antimony.

458 Corbett, W. Manchester.—Copper pyrites. Cobalt ochre.

459 Le Marquand, F. 34 Gt. Winchester St. Part Prop.—Copper, from Low's patent works, Pencolawdd.

460 Garland, T. Fairfield, Redruth, Mann.—Impure oxides of arsenic, obtained from tin ore. Commercial oxides of arsenic, and lump arsenic, obtained from the preceding.

461 Jenkins, E. W. Truro.—Specimens of arsenic. Wolfram, from various tin-mines in Cornwall, used as a mordant in dyestuffs. Various of rarer minerals, from various parts of Cornwall. Various of muncids, or pyrites, from various mines in Cornwall.

462 Bridgwater, Marquess.—Copper ore.

463 Redruth Local Committee, Redruth, Collectors.
UNITED KINGDOM.

CLASS 1. Mining and Mineral Products.

—Specimens of copper ore from various mines in Cornwall, showing the various processes it undergoes in preparation for the market, together with the method of determining the percentage of pure copper, and the strata in which found.

470 DAVIS & TAYLOR, Aberystwyth.—Lead ores.


473 ROWLANDSON, T. 7 Esber St. Kennington, Pat.—Specimens of ores and products from the Isle of Anglesey, the Vale of Glamorgan, Wicklow, and the Cambrian Gold Mines, Merionethshire.

473 BENNETT, CARR & Co.—Copper ores.

474 DEVON Gt. Consol. Copper Mining Co. Tavistock.—Specimens of copper ore.

476 LEAN, J.—Copper and lead.

479 BIRD, J. Walkwyd, Merioneth, Wales, Prop.—Specimens of silver lead ore, weighing 350 lbs. from the great Cowaragh silver lead mine.

480 MINING CO. FOR IRELAND, 2 Burgh Quay, Dublina, Prod.—Silver lede-ore, from Shanessy mines, Tipperary. Silvery-copper ore, from Gurmadge, county Tipperary, Copper ore, from Ballyora, county Tipperary, and from Lackenmore, county Tipperary, rough and dressed for market.

481 THE DUKE OF DEVONSHIRE and his Agent, Captain EDWARD GRASSEY, Crossness, Prod.—Specimens of Devonshire lead, gritstone, &c. Transverse section of the Devonshire lead.

482 SWAIN, H. J. Skibbereen, Prod.—Yellow copper ore, or copper pyrites, from Mizen Head Mine, County Cork. A specimen of native copper crystallized.

483 BOOCHLER, Duke of.—Model of the furnaces and works employed on the Duke of Buccleuch's mines, at Wansle Lead-hills, in Dumfriesshire, for separating pure silver from the rich lead ore of that district. A block of pure silver, weighing more than 140 lbs. Specimens of lead as brought from the mines after smelting. Crystals of lead and other illustrative specimens. Model of the lead vapour condensing apparatus, at Wansle Lead-mines, as improved by the Duke of Buccleuch. A collection of minerals from the Wansle Lead-mines, or Lead-hills.

485 BRASQUE, R. Camborne, Cornwall, Prop.—Map of Carn-brea mine, of Camborne and Illogan, and Tavistock mining districts, and of the Duchy of Cornwall.

486 BENNETT, T. 11 Woodbridge St. Clerkenwell, Manu.—Leaf gold, made by steam machinery.

487 CUMMING, J. G. Isle of Man.—Argenticiferous galenas, from the Foxdale Mines, containing three ounces to the ton of silver.

488 BOWS, R. Laxey Glen, Douglas, Isle of Man, Joint Prop.—Silver lead ore, and blende ore, from the Laxey Mines, Laxey, Isle of Man.

489 BRYCE, J. Stockton-on-Tees, Durham, Prod. and Manu.—Lead ore, silver, and litharge, from Grasshill Mine, Teesdale. Refined, cleansed, and slag lead, sheet, and pipes.

500 BURG, T. W. & G. Shrewsbury, Prod. and Manu.—Mineral specimen, raised at the Smallbridge lead mines, Shrewsbury, weighing 12 cwt., containing cubes of lead and zinc ore, with carbonate and sulphate of barite, &c.

500 GARY, J. Dilston, Corbridge, Agent.—Blende and calamine from Alston Moor, Cumberland; spelter produced from them.

529 WALLACE, W. Nottingham, Alston, Prop.—Carbonate of lead, from Little Eggleshope Lead Mines, in Teesdale, county of Durham.

587 EVANS, R. Oldham.—Various metallic ores, from Anglesey.

545 THE TAYRO Local Committee.—Articles illustrating lead, from East Wheat Rise, near Truro, Penrose Glass, near Wadsworth, and other Cornish mines.

558 JOHNSON & MATTHEY, 79 Hatton Garden, Manu.—Metals and compounds: Platinum, palladium, iridium, rhodium, uranium, &c.

558 PARDUE & CAMP, Newcastle-upon-Tyne, Prod.—Specimens of a peculiar ore of lead, viz., arsenic-phosphate of lead, rarely found in such large masses. From Dry Gill Mine, near Keswick New Market, Cumberland.

560 Sisson, R. Truro.—Mining maps.

561 A Collection of Minerals contributed by Agents and Workmen connected with the Lead Mines of Allendale, Alston Moor, Weardale, Caldbeck, and Keswick, including 170 specimens, arranged and cemented, together by Mr. Isaac Robinson, of Neath, for the Great Exhibition of 1851, under the general Superintendence and Direction of Mr. T. Sowerby, and a Committee of Mining Agents connected with the above Districts.

563 CRAY, G. & CLAY, J. M.P. Imperial Slate Quarry, Killarney, Prod.—Specimens of Cahergluevex silver and lead ores, from between Gort and Kinvara, county Galway.

563 DILLON, Viscount C. H. Prop.—Specimens of ironstone and bog iron ore, iron deposit, limestones, and coal, from the vicinity of Ballaghaderreen.

564 EDWARDS, G. Warre, Herts, Manu.—Slate, coquina, with copper ore, perfectly air-tight.

566 TAYLOR, —, Dublin, Inv.—Hydrosile safety-lamp for coal mines.

568 WATERWAY, WATT & Co. Wareham, Dorset, also of Kingsteignton, Devon, Prod.—Blue clay, used in pottery, from the Furzebrook pits, near Wareham, Dorset. Black, pipe, and top clay. Drainage clay, from the pits at Kingsteignton.

571 POLRINGHORSE, W. Fowey Consols Mine, Tywardreath, Inv.—Synopses exhibiting the standard, produce, price, and quantity of Cornwall and Swansea copper ores sold, amount of money realised, and the quantity of fine copper produced.


CLASS 2. Chemical and Pharmaceutical Products.

1 POTTIER & WOOD, Shoe Lane, Fleet St.—Specimens of copper, spelter, zinc, lead, and tin.

8 BUCKLEY, the Trustees of the late, Manchester, Manu.—Crystal of copper, or sulphate of iron. Sulphate of ammonia obtained from the distillation of coal. A rare specimen of naphthaile.

7 BRANSCOMBE, P. Pendleton Alum Works, Manchester, Inv. and Manu.—Iron pyrites, and its products. Schale or schist, and alum produced from it. Patent zinc cement, or hydraulic mortar; and specimens of the waste materials from which the cement is manufactured.

7 TENNANT, C. & Co., Manchester, Manu.—Salts of copper, zinc, and tin, potash, soda, &c. used in calico dyeing and printing.

7 YOUNG, J. Ardwick Bridge, Manchester, Inv.—Mineral oil. Paradise. Stannates, with models of apparatus.

8 HARDY & ELISHA, 9 Sugar Lane, Manchester, Manu.—Copper, tin, and lead ores, &c. from Australia, Cornwall, &c. Sulphur. Orchiella weeds. Ammonia, &c.
UNITED KINGDOM.

CLASS 2. Chemical and Pharmaceutical Products.

9 KURTS & SCHMIDT, Corby Works, Manchester, Man.—New colouring matters, and preparations for printing and dyeing in cotton, hemp, silk, and wool; with specimens. Ultramarines, of various qualities.

10 HOWARD & BARKER, Stratford, Essex, Man.—Quinoline and cinchonine, with materials and salts. Nectandra radix, or green-heart bark, and its alkaloid berbeline. Camphor, borax, tartaric and citric acid, antimony, silver, bismuth, iron, mercury, magnesium, potassium, iodine, zinc, cuprous, and other preparations.

13 MORESLEY, W., Malgrave Alum Works, Sandown, near Whitby, Yor. and Mann.—Raw alum shale, calcined shale, alum meal, and finished alum. Sulphates of magnesia, rough and refined. Ammonia and magnesia, for manure as top dressing.

15 NAYLOR, W., 56 James St., Oxford St., Mann.—Varnishes. Glass varnishes. Wood, stained without sizeing.

16 ENGLISH'S PAT. CAMPHIRE Co. Hall, Mann.—Specimens of heart-yag manufacture. Oleaginous seeds, tar, and tar products; and their preparations.

17 BOTTLE, J., Hunslet, Leeds, Man.—Carbonates of soda, particularly adapted for coating wood or woollens.

19 PONTING, T. C., 38 High St., Bristol, Inv. and Mann.—Marking ink. Shaving cream. Medicinal vegetable fruit extracts, made with cold water.

19 NICKS & PARKER, 43 Mark Lane, Inv.—Tinted papers, chemically prepared pulp for book cloth.

20 COOK, T. A., Newcastle-upon-Tyne, Man.—Crystallized carbonate of soda, manufactured by the Walker Alkali Company.

22 HILLS, F. C., Deptford, Pat. and Mann.—Nitrate of potash, made by patent process. Sal ammoniac and saltpetre, derived from the ammoniacal liquid of gas works.

23 LANDAY, G., Sunderland, Mann.—Green vitriol or copperas of commerce, extensively used in dyeing silks, woollens, and cottons, making writing inks, Venetian red, &c.

29 CAINE, J., 9 Charlotte St., Manchester.—Carbonate of baryta, with specimens of lead ore, from Anglesea Moors, near Chorley.

31 CHEEVERS, J. jun., Northwich, Mann.—Specimens of best table salt, and other salt.

32 COLLINS, R. N., Oxford Court, Cannon St., Inv. and Mann.—Disinfecting powder.

35 DUNCAN, W. L., Sylvaheim, Kent, Inv.—Sample of cotton waste cleaned after being used by engineers.

36 GOW, T., Guernsey, Mann.—Salt, similar to those called Epsom.

37 HALE, J., Queenborough, Inv.—Specimen of copperas, from the works at Queenborough, Isle of Sheppey, with specimens of pyrites and copperas in a granulated form.

39 HORWOOD, H., Richmond, Surrey, Prop.—Sugar of milk.

40 JENKINS, W. H., Truro, Inv.—Arrowsmith compound, a general preventive of freestone, barnacles, &c., on ships bottoms, buoys, &c., and of dry rot in buildings.

41 KAPE, W. J., Dublin, Mann.—Specimen of sulphate of soda, made in brick furnaces, and of bleaching powder (chloride of lime). Specimens of sulphur pyrites and man- ganese ore.

43 LANDAY, W. & Co., George St., Glasgow.—Prussian blue, paste. Yellow and red prussiates of potash.

45 RICHARDSON BROTHERS & Co., Mann.—Refined salt-petre from the East Indies, &c.

47 SCHILLING & SOTTON, Brighton, Mann.—Samples of soda, Sealy's, and Alton-Down water. Refracturing lemonade.

47 SYRUP & Co., Royal German Spa, Brighton, Mann.—Artificial mineral waters.


49 KING, W. W., Soho St., Liverpool, Mann.—Effervescent citrate of magnesia.


53 BRADLEY, W. A., Douglas, Isle of Man, Inv.—Refined oil. Pure oleine, for watches, clocks, chronometers, fine machinery, and instruments.

53 CARR & Co., 10 Hatton Wall, Mann.—Shoe blacking.

54 DAVISON, J. Cross St., King St., Manchester, Inv. and Mann.—Preserved size, for any climate.


57 LEA, A., 150 Oxford St., Inv.—Myrrhine, enables the stomach to part with any quantity of food, without inconvenience or injury to the digestive organs.

59 POCOCK, H. M. H., 8 Crosby Sq., Inv. and Mann.—Gum arabic, purified by a patent process. Hochstatter ultra-marine blue. Mazurite prepared in Italy.

59 PAGHAN, E. J. S., 73 Snow Hill, and 7 Sooner St., Southwark.—Graining and setting with the innoxious paragon paint.

59 PARR, W. J., Cavendish St., Inv.—Semi-transparent brown colour from the extract of corn.

60 BROWN, F. E., 13 Eccleston Pl., Pimlico, Pat. and Mann.—Innoxious colours manufactured from the oxide of zinc, with specimens.


67 STUBBS, J., Kettering, Inv.—Preparation for preserving the turnip plant from the fly. Proposed remedy for the smut in wheat.

68 QUELLS, A., King's Court, King St., Borough, Inv.—Skins illustrative of fur drying.

69 BARNES, J. B., 143 New Bond St., Mann.—Valerian acid and valerianates.

70 FISHER, J., Hadley, near Shifnal, Mann.—Bisulphur and chlorides of carbon. Chloride of sulphur, &c.

71 GODWIN, E. H., Tenbury, Worcestershire, and Redland Gate, London, Prop.—Native mineral waters. Concentrated and tested, to show the bromine constituents, &c.

72 SHERREDS, G. W., High St., Dorking, Surrey, Prop.—Regular crystals of sulphate of alumina, potassi-tartrate of soda, and sulphate of copper.

74 FOWLER, J. M., 35 Bedford St., Covent Garden.—Pure benzole acid.

75 DAVY, MACKENZIE, & Co., Berwickadie, Mann.—Chemical preparations.

76 BULLOCK, J. L., 22 Conduit St., Mann.—Chemical principles from substances used as food or medicine.

78 POUND, M., 198 Oxford St., Inv. and Mann.—Imports from Calcutta: Indian tea; fruit of the Bengal quince. Wine of tea. Bark of the root of the tea tree. Soop berries, the fruit of the Sapindus. Jujube fruit, from the Zizyphus vulgaris of the south of Europe; imported from Paris. Flaked cold cream, &c.

79 ARNOLD, A. W., 11 Commercial Arcade, Guernsey, Mann.—Manufacture of iodine and hydriodate of potash;
specimens of the fact and algae from which they are produced, and of the residuary product used as manure.


79 STEVENSE, W. Jarrow Chemical Works, South Shields, Mass. — Crystals of soda converted into bicarbonate by exposure to carbonic acid gas.


85 O'REILLY, C. Edinburgh, Mass. — Specimens of pure cod liver oil.

89 ROBERTSON, W. Berwick-on-Tweed, Scotland, Mass. — Cod liver and skate liver oil, extracted by steam-heat, manufactured at the various fishing villages on the coast of the Moray Firth. Sulphate of baryta and chlorides of barium.

88 WATTS, J. 107 Edgeware Road, Mass. — Pharmaceutical extracts.

89 BYRNE, S. J. 26 Farringdon St. Prop.—Cantharide.

90 LAWRENCE, W. 186 Prince St. Man. — Specimens of cod liver oil.

91 WARD, L. County Donegal, Ranelagh. — Kelp manufactured from sea-weed, and specimens of iodine, muriate of potash, sulphate of potash, &c. made from kelp.


93 TULLOCH, A. Wallasey Abbey, Prop.—Salt petra, charcoal, and sulphur, used in the manufacture of gunpowder at the Wallasey Abbey Mills.

93 EDMONDSON, J. W. & H. 77 Whistler St. Gray's Inn Road, Mass. — Chemical preparations of soda, iodine, mercury, potash, lead, citric and tartaric acids, iron, and zinc.


95 HALLADAY & Co. May St. Salford, Mass. — Specimens of starches, and the same manufactured into starch gums; applications of starch gums.

100 AUSTIN, J. B. Banbury, Mass. — Decoctions and infusions of medical substances. Superphosphate of lime. Sulphate of lime or gypsum. Fine white sand, found at Todmorden, near Banbury.

101 RAOLO, J. 81 Hatton Garden, Inv. — Concentrated medicinal infusions and decoctions.

102 DAVIES, J. T. 33 Russell St. Bloomsbury.—Chemical preparations.


107 A KEATING, T. 79 St. Paul's Churchyard. — Jalap root, saffron, kouros, or Drvgera Alsthominctor, from Abyssinia, matric, or Piper sagittifolium, from Bolivia, and other drugs.


110a TOWNLEY & UREY, Malconbe, near Banbury, Mass. — English rhubarb, trimmed and untrimmed, and in powder.

112 WILDERING, J. H. S. Primrose St. Bishopsgate, Mass. — Pharmaceutical and chemical preparations and rare crystalisations.

112 DIXON & CO. 173 New Bond St. Inv. and Mass. — Magnesian minerals and chemicals.

113 LAMER, H. 80 Snow Hill, Inv. — Chemical preparations.

114 MARSHALL, M. Chemical Co. Neath, Wales, Mass. — Sugar of lead; or acetate of lead.

116 BZLA & Co. 2 Wellington St. Goswell St. — Mineral paints, which will dry under water, or on metal exposed to extreme heat: for ships' bottoms, damp walls, &c.

116 COVSS, J. Bridport, Inv. — A chemical liquid for imparting a mahogany and rose-wood colour to common woods, with specimens.


119 DAVIES, Gosforth & Co. 17 Wharf Road, City Road, Mass. — Samples of ultramarine.


121 PATTERSON, W. W. Gateshead, Newcastle-upon-Tyne, Mass. — Specimens of crystallised alum, pure sulphate of alumina, called in commerce concentrated alum, and bichromate of soda.—Manufactured at the Felling Chemical Works.

123 HUMPHREY, C. Farnham Pl. Southwark, Inv. and Mass. — Colours produced by the combination of fatty acids with metallic oxides and peroxides. Candles and refined fatty matters.

125 JONES, J. R. 12 Bankside, Inv. — Calico printed and dyed with mangel and madder. Illustrations of printing in chintz, eight fast colours.

127 LEWIS, C. 119 Lower Thames St. City, Imp. — Newly invented black dyeing material, particularly recommended for dyeing silk.

129 LEMMIE, J. High Hill Ferry, Upper Clapton.—Dyes for silk. Carmine from safflower, indigo, and Prussian blue.

129 RUSSELL & ROBERTSON, Omea Foundry, Haltown, Lanarkshire, Inv. — White carbonate of lead or ceruse, yellow chromate of lead, and red dichromate of lead; manufactured by a new process, not injurious to the health of the workmen.

130 SCOTT, L. 41 Moorgate St. Mass. — Patent white oxide of zinc, for house painting, produced from spelter, and imported from Silesia, Galicia, and Prussia.

138 NICHOLLS, W. Chippenham. — The Beaufort hunt lace. Fluid extract of annatto, for colouring cheese.
UNITED KINGDOM.

Class 3. Substances used as Food.

136 Walker, R. Victoria Works, Beverley, Man.—Carbonate of lime, from the quarry, Victoria Works, and Paris white, manufactured from it.
139 Wood & Eyford, Leeds, Man.—Specimens of the varieties of linseed used in the manufacture of oiled, and size, and linseed, and of the substances obtained from them.
141 Mosey & Son, 11 Market St., Regent's Park, Man.—French varnish, and waterproof varnish.
143 Marsh, J. Lough, Man.—Specimens of indigo, casserine, or black, blue dye, tannin and; and specimens of 33 kinds of European and native manufacture of lea dye in India.
144 May & Baker, Battersea, Surrey, Man.—Chemical preparations.
146 Lewis, Dr. H. B., Greenwich, Inv.—Models, engravings, instruments, and specimens, illustrative of Dr. Lewis's system of crystallography.

Class 3. Substances used as Food.

1 Lamport, J., Frampton, near Boston, Prod.—Class of honey, 19 lbs., produced under an improved system of bee management.
2 Doolman, H. Cogswell, Essex, Prod.—Fine specimen of honeycomb.
3 Camplin, B. Bicker, Liverpool, Ireland.—Camomile flowers.
4 Bewley, J. F., Stanmore, Lincoln, Prod.—Specimen of honeycomb, free from pollen and brood cells, collected under Nuts' system.
5 Kitchener, W. G., Newmarket, Cambridgeshire, Prod., and Inv.—Two specimen of honey, for obtaining honey without injury.
6 Dutton, W. E., 149 East St., Prop.—Honey in the comb.
7 Harris, G., & P. Oldham, Man.—Specimens showing the different stages in the manufacture of flour from the wheat to the biscuit.
8 Hill & Underwood, Eastcheap, Inv. and Man.—Malt vinegar, &c.
9 Dryden & Co., St. John's Lane, Gloucester, Man.—Six bottles of champagne wine, manufactured in England from sherry cask.
12 Gamble, J. B., 33 Royal Exchange, Man.—Canister of bottled mutton, supplied to the Arctic Expedition in 1834, and found by Captain Sir James Ross in Prince Regent's Inlet in 1844, in a perfect state of preservation, &c.
14 Barron, M., Cooper Alley, Dublin.—Preserved pig; large and small hams, cured upon the mild cure principle.
15 Rennie & McAll, 127 Houndstooth.—"Gekner's Patent." Preserved animal and vegetable substances.
16 Taylor, R. Great Dunmore, Essex, Prop.—Fitch of bacon, the feeding, breeding, and produce of Dunmore, Essex.
17 Leonard, J. & T. P. Hall, Prod.—Beef, prepared, cured, and rolled, so as to keep good for any length of time. The process of curing and methods of preparing invented by J. Tupling.
18 Favers & Sons, 28 Regent St., Inv. and Man.—Spices, preserves, &c.
19 Underwood, G. H. Pendleton, Manchester, Inv.—Meats preserved without the use of salt.
20 Whittaker, J. Calver Hill, Hereford, Inv.—Beef preserved in a dry state, peculiarly adapted for the use of sailors, being free from salt. Apparatus for preventing the bursting of steam-engine boilers, &c., by an improvement in the adaptation and construction of fusible metallic plates.
27 Motley, B. Bortigio House, Truro, Prod.—Fish cured, as an article of food. Model of a floating breakeater. Mountain thermometer, on an improved plan, for measuring heights by boiling water.
22 Browne, S. City Ed., and East Ed., Inv. and Pat.—Coffee raw, and prepared by patent process. Samples of the processes of cleansing and purifying the coffee berry previous to roasting and grinding.
29 Leaon, 10 Little Mitchelfield St., Inv. and Man.—Chocolates and cocoa, in the various stages of manufacture.
31 Eley & Son, Bristol.—Specimens of the leaves, flowers, branches, &c., of the cocoa tree (from Trinidad). Manufactured cocoa and chocolate, and processes of manufacture.
32 White, G. H. 147 Shereditary, Inv. and Man.—Cocoa and chocolate, raw and manufactured.
33 Simpson, B. 29 Spencer St., George's East.—Samples of cocoa.
35 Lane, W. A., 236 Strand, Inv.—Improved coffee-pot.
36 Goss, B., 1 Samuel St., Inv.—Curses cocoas, from New Granada.
37 Bird, J. T. 83 Mount St., Grosvenor Sq., Man.—Extract of cocoa.
38 Beavis, W. A., Cross St., Queen's Sq., Bloomsbury.—Samples of Trinidad cacao, raw, and in the various stages of manufacture.
39 Benson, W. 238, Oxford St., Inv.—Cigar, tobacco, &c.
40 Milway, J. 10 Gt. Marylebone St., Inv.—Honey wax, and hives for bees, with bees at work.
41 Lamport & Butler, 141, 143 Drury Lane.—Tobacco from America, Havannah, Holland, &c.
43 Jonas & Brothers, 43 and 43 Leman St., Whitechapel, Man.—Cigars and tobacco.
44 Bremner & Tull, 60 Cheapside St., Inv.—Tobacco.
45 Legh Foot & Co., Dublin, Inv. and Man.—Smiffes, made solely from the leaf and stalk of Virginia tobacco.
46 Taylor, T. G., Hackney, Inv. and Man.—Tobacco of English growth and man. and smuff.
45A Hyams, Michael, 79 Long Lane, Man.—Cigars and pipes of British manufacture. Samples of tobacco.
46 Simpson, Humphrey, & Vickers, 23 Little Britain, Inv. and Man.—Linglass, cut and uncut.
47 Sales, Pollard, & Co., 57 Red Cross St., Cripplegate, Man.—Cigars of Yara tobacco.
48 Buckland & Torrens, Barrington Cres., Brixton, Inv. and Man.—The cigarilla.
UNITED KINGDOM.

CLASS 3. Substances used as Food.

42 Jones & Co. 39 Brunswick Sq. Imp.—Cigars, foreign and British.
43 Cox & Sons, 41 St. James's St. Imp.—Raw tobacco, cigars.
50 Goodes, G. & S. at Prince's St. Spithead, Nuneaton.—British cigars.
53 Richardson Brothers, Edinburgh, Mo.—Tobacco imported from Virginia into Leith, raw and manufactured. Smith, &c.
55 The London Spice Trade, Imp.—Samples of spices, including mace, nutmegs, cloves, cinnamon, cassia, pimento, black and white pepper, ginger, and caraway seeds.
54 Fauler, R. and C. at Jermyn St. James's, Maastricht.—Preserved fruits.
55 Fortnum, Mason, & Co. 182 Piccadilly, Imp.—Preserved and dried fruits, and edible seeds, from various countries.
56 Charlot, J. at Milling Lane, and Malaga, Pr.—Jordan almonds. Halton.
57 Richardson & Sons, 5 Duke St. Southwark, Pr.—Golding hops, grown in “the Hill,” in Mid-Kent, in East Kent, and in the heart of Mid-Kent. Jones’s hops, from Kent and Sussex. Grape hops, Colgiate hops, &c.
60 Asher, The, Dowager Lady, Broomhall, near Hastings, Prod.—A bag of hops, grown within three miles of the port of Guesting, Sussex.
61 Atfield, C. from Farm, Prod.—Packet of Farmham hops.
68 Golden, R. H., Maldon, Farm, Maastricht.—Improved bee-hives. Pocket of Maldon hops.
69 Plessey, F. Maldon, Des.—Magnified view of the formation and growth of the hop fungus, from its earliest to its latest stage.
70 Martin, A. Tombridge, Pr.—Four branches of dried hops. Samples of the same.
72 Parriss, T. Trinity Chambers, Water Lane, Tower St. Agent.—Olive cakes.
86 Birk, R. North Marden House, Edinburgh, Imp. Des. and Manu.—Cottonseed (seed cotton), with oil, and oil-cakes made therefrom, imported from the colonies.
89 Le Couteur, J. Belle Vue, Jersey, Prod.—Specimens and notes of some of the most approved varieties of wheat cultivated in Great Britain, or elsewhere, arranged by J. Le Couteur, F.R.S., M.S.A., Aide-de-Camp to Her Majesty the Queen.
70 Sheppard, A. Ipswich, Pr.—Eggshell white wheat, and Chevalier malted barley, grown in Suffolk. Malt manufactured at Ipswich.
71 The Truro Local Committee.—Specimens of Cornish agricultural grains, Indian corn, &c.
72 Wren, R. Calcot Farm, Reading, Prod.—Mammy Talavera wheat. Wellington apple, famous for keeping, &c.
73 Raynham, R. Hatfield, near Bury St. Edmunds, Prod.—Keesingdon wheat, grown upon a light soil, at Harewood, Suffolk. Chevalier barley, grown at Harewood. Tick beans with white eyes, grown at Harewood.
74 Raynham, R. Lavender, Andover, Ed. Hampshire, Prod.—Specimens of wheats produced by hybridisation, and of Hopetown and Piper’s thickest wheat, from which the hybrids were obtained.
75 Kendall, J. Trevelyan, Truro, Cornwall.—Sheaf of white wheat, named: The giant straw wheat.
76 God, R. Wexford, Ireland, Manu.—Barley, grown in the county of Wexford. Malt, made from the same.
77 Taylor & Sons, Bishop Stowford, Herts, Manu.—Varieties of malt: amber, coloured, white, and brown.
78 Wellesman, J. Moulton, near Newmarket, Manu.—Sample of pale malt, manufactured from Chevalier barley.
79 Maund, R. F. L. S. Bromsgrove, Prod.—Specimens of wheat, artificially hybridised, showing that its exterior form can be modified.
80 Strange, B. Banbury.—Stiff clay soil, &c. Sample of beans, growth 1850, as per statement annexed.
81 Wanser, J. G. Bentley, near Colchester.—British grasses.
85 Milne, W. Rhynie, Scotland, Inv.—One quarter of Scotch barley oats.
84 Walker, W. Mossat, near Aberdeen, Prod.—Sample of Kildrummie oats.
85 Couzens, S. Great Bentley, near Colchester, Prod.—White wheat, new variety; weight of Imperial bushel 64 lbs. net.
89 Fox, J. J. Devereux, Prod.—Specimens of red straw white, Essex wheat, and of Nursery, Lemmas, and Talavera red wheat, grown in Wiltshire.
81 Stevens, R. Stamford, Prod.—Sample of wheat, Collyweston white.
82 Howard, W. P. Tenterden, Kent, Prod.—Heavy white wheat; produce, over four quarters per acre. Golden pod beans; produce, over four quarters six bushels per acre.
83 Asphy, J. Sandleford, near Newbury, Berks, Prod.—White trump wheat, grown on very poor soil; weight 67 lbs. per bushel.
84 Fordham, T. Saelemore Hill East, near Newbury, Prod.—Samples of improved white wheat; weight 66 lbs. per bushel. Prolific beans; weight 73 lbs. per bushel.
85 Leach, W. Ballymore, Boyle, Roscolum, Prod.—Black barley, grown at Ballymore, in the county of Roscolum, Ireland, from African seed.
100 Beilby, Lord, Footscray, Kent, Prod.—Bushel of white chittim wheat.
101 Moore, H. B. & M. 37 Tower Hill.—Fine sample of Australian wheat, weighing 64 lbs. per bushel, the produce of Adelaide, South Australia. Fresh consignments from the Campedown establishment, Sydney, New South Wales, having undergone a voyage of 10,000 miles, and remaining in a perfectly fresh state.
102 Gibson, C. Pitlochry, Perth, Prod.—Samples of English barley, grown near Pitlochry, about 500 feet above the level of the sea. Hand spun and hand woven shepherd cloth, composed of natural and dyed wool from black-faced Highland sheep.
103 Gulliver, A. F. 37 Castle St. Edinburgh, Prod.—Lentils cultivated at South Queensferry, near Edinburgh.
104 Badger, W. J. Swithins, Wilts.—Agricultural chimney filter drain, P. Bentham, inventor. Draining tools, &c. Lawrence’s propicius crystal wheat, 66 lbs. to the bushel.
105 Gras & Co. Half-Moon St. Piccadilly, Imp. and Prod.—Dried grasses and seeds, wheat, barley, &c., and other seeds.
106 Lawson & Sons, Edinburgh, Prod.—Vegetable products of Scotland, comprehending substances used for food, in the chemical arts, in medicine, in manufactures, and in house and ship building.
107 Walker, H. Antingham, near North Walsham, Manu.—Malt, as manufactured from barley grown by Rev. C. Cremer, of Beeston, near Cromer, Norfolk.
108 Gentile, J. P. Harbertonford Works, near Totnes, Devon, Manu.—Macaroni and Italian pastas. Chocolate. Vegeto-animal food; a compound of the most nutritious principles of meat and wheat, &c.
109 Morris, W. Yar, near Hereford.—Mangold-wurtzell, grown upon the estate of Sir Robert Price, Bart., in Herefordshire.
110 Watts, G. Upper Balfour, Banchory, Scotland.—Sample of barley, grown after turnips, in a five-course rotation, with the ordinary farm-yard manure.
111 M’Arthur, J. 51 Grasston, Dublin, Prod.—The
UNITED KINGDOM.

CLASS 4. Vegetable and Animal Substances used in Manufactures.

roots of agricultural plants, partly dried for preservation, and partly in a growing state, in glass cases.

118. ASIAN Tea Co.—Samples of tea, the produce of Assam, Ceylon, Thosa. It is entirely manufactured by natives of India.

114. McKEE, J. Piperhill, Cawdor, Scotland, Prod.—Samples of perennials roots seeds raised on the farm of Piperhill, Nairnshire. Sample of white wheat. The land from which, previous to its improvement, was worth one shilling per acre.

118. MCGARRY & Son, Palmerstown and Ash town Mills, Dublin, Mass.—Linseed and rape oils and cakes, and Irish mustard, copper plates and lead pipes.

115. ILLINGWORTH, A. Burncherry, Tarns, Scotland, Prod.—English barley, weighing 50 lbs. per bushel. Scotch barley oats, weighing 44 lbs. per bushel. Perennials rye-grass seeds, weighing 30 lbs. per bushel.

116. RATTON & FRAZIER, 15 and 16 Pavement, Finsbury Sq. Inv. and Manuf.—Preserves, pickles, "

117. DONALD, J. & J. J. College Hill, Mass.—Starch from wheat and rice, mustard, British indigo, blue, etc.

118. NOAK, W. & J. D. Drickworth, Mass.—Sample bottle of lime, obtained from springs at a depth of 175 feet, at Drickworth, with specimens of the salt.

119. DEWAR, T. Newcastle-upon-Tyne, Mass.—Specimens of brown and white mustard seed, from which mustard for table use is made. Dried mustard, etc.

120. LEVY, W. & W. White Bow, Sipkinsville, Mass.—Samples of Taggaw wheat, macaroni, vermicelli, etc.

121. TUCKER, B. G. Leitch, near Nottingham, Mass.—Starch, used by laos-dressers. Gum substitute, used by cotton, silk, woolen, and wall-paper printers. Adhesive, or label gum, etc.

122. TUCKER, E. Belfast, Ireland.—Glue and starch, produced at Belfast.


124. WITHERSPOON, R. G. Glendfield, Memphis, near Paisley, Mass.—Specimen of Glendfield patent powder starch, made from sago.

125. BISHOP & Son, Hull, Mass.—Starch, "

126. MULLE, F. Hackett, Mass.—Concentrated food. Glue and gelatine.


128. JOHNS & Co. Battersco, Inv. Pat. and Mass.—Starch, hair powder, and gluten from rice flour.


130. BEZANS, S. Bromley, Middlesex, Mass.—Berg's patent rice starch.

131. HALL, T. Benton, near Nottingham, Mass.—Patent starch.

132. MCGILL, M. 18 Cannon St. Leith, Discoverer.—Specimens of the rhizome, or creeping stem, of Typho lutea, or large red meat. Samples of the meal, etc.

133. EDWARDS, H. 39 Great Windmill St. Haymarket. Inv. and Mass.—Custard powder.

134. CLAY, J. Edgeley, Stockport, Mass.—Maize, or Indian corn. American hominy. English hominy and flour, from the maize, and flour, consumed, attached to a skeleton bearer for the bearing of the smoke. Patented.

135. ST. ETIENNE, Madame D. Harborton Ford, Totnes.—Specimens of gluten from wheat, potato-flour, etc. Specimens of vegeto-plant food for long voyages, etc.

136. MOORES, K. D. Easton Abbey, Eccleshall, Stafford, Pat.—Essence of milk; samples combined with chocolate, cocoa, and coffee.

137. FAHERTY, V. B. R. Newington Cress, Inv. and Mass.—Consolidated milk.

138. GLASS, G. M. Brandon St. Walworth, Inv. and Mass.—Gelatine.

139. GARDNER, J. 51 Mortimer St. Discoverer.

140. SUGDEN & GATCHELL, Dublin, Agents.—Chicory in all its stages, from the kiln-dried root to the ground dust, suitable for use in medicines.

141. POOLE, S. B. Kingston-upon-Thames. Patent crystallised malt, the substance converted into sugar.

142. PREXIDE, H. Haswell Park, Surrey.—A small loaf of sugar made from sugar-seeds grown by the exhibitor in the county of Surrey.

143. KNOX & Pollock, Isleworth, Middlesex, Mass.—Flour from English and Australian wheat dressed through Swiss silk machines.

144. FAREHAM, W. Bath Rd. Hounsdown, Inv. and Mass.—Bread from wheat, rice, and potatoes.

145. M'Cafe, J. Beaumont Mill, Drogheda, Mass.—Course cut oatmeal, used for making a toast in Ireland.

146. SHIRES, A. Farina Works, Dunning, Perth, and 45 Molyneux St. Heywood, Mass.—Farina used as food, and in the manufacture of food for infants.

147. DURHAM, A. T. Duncans Bridge of Earn, Perth, Mass.—Farina, used in manufactures.

148. STEWART, T. 148 Upper Thames St. Mass.—Ashby's prepared groats, etc.

149. CRICK, K. Guildford, Mass.—Flour.


151. BUCK & Son, Denby Mills, near Middleham, Bradford, Mass.—Double superfine flour; wheat meal and oat meal. Exhibited for colour and quality.

152. ADAM, B. Mayport, Mass.—Materials used in black lead pencil making, with a pencil in the several processes from the grooving to the finishing.

CLASS 4. Vegetable and Animal Substances used in Manufactures.

2. KING, EMMA, Church St. Edmonton, Prod.—Anatomised plants.


9. SAMPSON, W. W. Wandsworth, Prop.—Collection of woods, arranged geographically, with specimens of veneer, etc.

23. EVANS, W. Castle Street, Swansea, Inv.—Piece of Welsh oak, prepared by a peculiar process, as a substitute for fancy wood.

10. H. J. D. & Buckingham, Inv.—Specimens of wood, stained without heat or moisture; the process being equally applicable to carved wood.


UNITED KINGDOM.

CLASS 4. Vegetable and Animal Substances used in Manufactures.

20. Newton, C. Plough-Bridge, Rotherhithe, Surrey, Mann.—Specimens to illustrate the patent destocking process for seasoning of wood in a few weeks.
21. Samuel, D. 71 Lebon St. West Ham, Essex, Inv. and Mann.—Picture frame of various English woods.
22. Casas, R. 57. Bunhill Row, Prop.—Collection of English woods, with their botanical names and some of their various uses.
25. Baly & Son, 170 Regent St. Mann.—Wax candles, night lights, &c.
27. Bawden, L. F. Grease Works, Wakefield, Mann.—Products of various patent processes used in extracting pure oils and greases from the refuse soap-sludge of woolen, silk, and other manufactures.
29. Hill, Fleming, 5 Ordnance Row, Lewisham Rd. Inv.—Paraffined animal, vegetable, and fish oil.
30. Miller, T. J. Bristow Wharf, Westminster, Imp. and Mann.—Spermaceti oil, from the South Seas. Spermaceti, rough, filtered, and refined.
31. Ewe, J. 17 Garlick Hill, City, Mann.—Clarified fats for pharmaceutical, culinary, and perfumery purposes.
32. Durand, R. jun. 11 Copthall Court, Prop.—Samples of raw silk from Italy, China, India, Turkey, &c.
33. Dugger, W. T. Catterick, Godalming, Surrey, Prod.—Silk produced by the silkworm, fed upon the leaves of the white mulberry at Godalming, Surrey, with specimens manufactured.
34. Martin, P. St. Peter's Port, Guernsey, Prod.—Raw silk, the produce of the island of Guernsey. Feels, obtained from the Arum maniculatum, a plant indigenous to Guernsey.
35. Handys & Leavens, Coventry, Silk Dyers.—Specimens of dyed silks.
38. Jacquezon, J. M. 36 Old Broad St. Imp.—Skulls of raw silk, the produce of a filature near Geneva, Switzerland.
39. Bristow, J. S. 5 Swelles Cottages, Hammersmith, Inv.—Raw silk. Travelling cap, for protection to the head against concussion, &c.

43. Wright, L. W. & Co. 75 Cheapside, Inv. and Mann.—China grass and flax, raw and manufactured. Wheat straw paper, &c.
45. Doulton, M. J. 4 St. Peter's Sq. Hammersmith, Inv.—The seeds of flax and hemp chemically prepared. Samples of flax straw, raw, &c. Flax in different stages of preparation, &c. Samples of seal-cloth. Samples of the flax from the provinces of New Zealand, in different stages of preparation, with specimens manufactured.
44. Gillman, E. Twickenham, Agent for Tao Nui, New Zealand Chief.—Specimens of New Zealand woods, grass, and bark. Flax, and flax manufactures.
48. Caton, G. A. Salby, Mann.—Flax grown in Yorkshire, raw and manufactured.
44. Crossley & Co., Manchester, Mann.—Flax, and its seed. Produce of seed, 12 bushels per acre.
51. Robertson, H. 7 Salisbury St. Strand, Prod.—British vegetable fibre, for the manufacture of thread and paper.
53. Gaverdy & Co., Manchester, Mann.—Reeds applied for weaving textile fabrics, manufactured by steam power.
54. Bessons, J. Kingston-on-Thames, Inv. and Mann.—Cocoa-nut fibre, natural and manufactured.
55. Nightingale, W. & C. 64 Wardour St. Soho, Imp. and Mann.—Beet feather and down. Horse and other hair mattresses. Elder-down quilt.
56. Morel, H. 149 Fleet St. Mann.—Leather pencils and sealing wax, in the various stages of manufacture, with their materials.
63. Smith, H. T. & Co. 12 Church St. Mile End, New Town, Mann.—Specimens of colours.
65. Smith & Son, 14 Corbet Court, Spitalfields.—Archil and cudbear lichen, &c. from which they are derived, and specimens of fabrics and leathers, dyed and printed with archil and cudbear.
70. Cooker, C. 60 Back Lane, Dublin.—Samples of Irish manufacture in starch, indigo blues, vegetable gums, and blacking.
United Kingdom.

Class 4. Vegetable and Animal Substances used in Manufactures.

74. Bexon, G. 53 Nelson St. Liverpool, Inv.—Black varnish, for wood and iron-work, either for land or marine purposes. Blue, red, green, and stone-coloured composition. Spirit varnish.

75. Low & Raynor, Hackney, Mm.—Safflower for dying, with specimens.

77. Buxton, W. Sewardstone Mill, Woodford, Essex, Mm.—A series of substances and combinations used in the art of dyeing. Colours used in oil painting and printing, &c., with illustrative specimens.

77. Murray, Sir W. Bart. Dunmow, Stonehaven, Prop.—Plank of Scotch fir, and section of Scotch elm.

78. Mossey, J. Littlecote Farm, Pewsey, Wilts, Prop.—Pure South-down ewe, stuffed, seven years old, and which never was shorn. Length of the wool, 25 inches; weight, 32 lbs.

80. Henderson, R. Wooler, Northumberland, Prod.—Fleeces of shepherd wool, grown at an elevation of 2,000 feet above sea level.


86. Martindale, G. W. Hanham, near Devises, Mm.—Diamond-tipped matching wool, for combing; and diamond clothing wool, from South-down fleeces, from Wilts.

88. Swain, W. & Co. Mortimer St. Leics.—Specimens of "burry" wool in the original state, with specimens of the same cleaned by machinery.

91. Pringle, C. A. 31 Aborich Lass, Pat. and Mm.—English wool. Mohair and fine Australian wool, with samples combed, without oil.

94. Irving, G. Newton by Leeds, Lanarkshire Prod.—Fleeces of an aged ewe of the black faced Highland breed, unlined.


97. Leaving, D. 66 Albion St. Leeds, Imp.—Fleeces of German wool.

98. Keates, W. 48 Cornwall, Prop.—Geological specimens and forty-day maizes from the Pyrenees.

100. Dillow, Viscount C. H. Prop.—Slabs of yew, oak, and fir, from trees found in the bogs.

101. Arkwright Brothers, Huddersfield, Imp. and Mm.—Woaded black elephant beavers, of Port Phillip wool. Albert check and Albert cloth, the two sides being different colours. "Exhibition" cloth, 56 inches wide, weighing only twelve ounces to the yard. Searched Sydney skin wool, grown in N. S. Wales, and washed by J. T. Armitage & Co., of Sydney.

103. Holman, H. Mm.—Prepared Greenland whalebone of different colours, for covering whip handles, walking sticks, and telescopes, with portions of black and white whalebone, as cut from the fin.

106. Clarkes, P. 26 Gresham St. Inv. and Pat.—Samples of flax in all its stages, from straw to cloth, prepared by the exhibitor's process. Cloth produced from flax; flax cotton, flax cloth, flax silk, flax wool. Hemp and other fibrous plants, prepared either in whole or part, as above. Circular hand-loom for weaving looped fabrics, elastic cloth, &c.

108. Puckett, F. 5 and 8 Kingsland Pl. Mm.—Goldbeater's skin, raw and prepared.


116. Buxton, B. 117 Wardour St. Mm.—Lac, lacquers, polish, varnishes, sealing wax, gums, varnishes, &c.

119. Dawson & M'connaich, 56 Fenchurch St. Imp. and Mm.—Samples of isinglass.

121. Swinburne, T. C. & G. Co. Coggeshall, and 1 Gt. Tower St. London, Mm.—Reined isinglass, gelatines, and gins.

120. Watt & Sons, Dumfries, Scotland, Mm.—Gins made from pieces of hides and skins, principally used by cabinet-makers and joiners.

121. Amedt & Worsley, Needham Market, Suffolk, Mm.—Crown gins, made from the hides and feet of cattle.

122. Numa, T. & Co. Linnithgow, Scotland, Mm.—Specimens of gins, for the use of joiners and paper-makers, &c.; refined gelatine.

123. Newson, W. H. 549 New Oxford St. Inv.—Registered placard holder. Liquid gins and water varnish, with specimens of application.

125. Fitzpawle, W. Broughton House, Ilkington.—Culinary articles; gelatine, &c.

126. Crofts Brothers & Co. Coleman St.—Substances used for tanning leather.

127. French, B. 51 Crutched Friars, Imp. and Mm.—Cork, raw, and manufactured by hand.

128. Holt, R. 34 White Rock Pl. Hastings, Inv. and Mm.—Sussex moses, collected from various places in East Sussex. Sea-weeds, seaphytes, and corallines, from Hastings and St. Leonards, with descriptions of their uses.

129. Eten, J. L. 16 Oxford St. Prop.—Thirty-five specimens of sea-weed, collected off the south coast by Miss Franklin.

130. Rock, Mary, 6 Stafford Pl. Hastings.—Pebbles and grasses from Hastings.

139. Swain, G. 8 Lime St. Sq. Inv.—Sphero-spherical condenser—for condensing light on transparent objects, under examination of the microscope.

131. Groves, N. 58 Watling St. Dublin, Mm.—Parchment and glue, Irish manufacture.

133. Bardale, Mark, of. Prod.—Specimens of woollen yarn, made from the wool of the bison.

134. Bardale, Mark, of.—Specimens of woods grown in Perthshire and Argyllshire, and of veneer from the Scotch fir, dug from a pesc leg in Glenorchy, Argyllshire.
SECTION II.—MACHINERY.

CLASS 5. Machines for direct use, including Carriages, Railway and Marine Mechanism.

1. Atheron, C. Dockyard, Devonport, Inv.—Pair of marine steam-engines of 25-horse power, intended for use on the river Clyde. Patented 26th May, 1875.


3. Smith, Captain.—Improvements in marine steam-engines, especially for marine steamers. Patented 26th May, 1875.

4. Stroott, Slaghter & Co., Bristol, Inv. and Mann.—Steam-engines of the collective power of 700 horses, designed for driving the screw propeller by direct action. Models made in 1875, showing the early application of steam power to locomotion, &c.

5. Taplin, R. 7 Upper Woodland Ter., Woolwich, Inv.—Model of a steam-engine, with a single or double screw propeller.

6. Watt, James, & Co., 12 London St. London, and Soho, Birmingham, Des. and Mann.—Inventors of the marine steam-engine, of the collective power of 700 horses, designed for driving the screw propeller by direct action. Models made in 1875, showing the early application of steam power to locomotion, &c.

7. Penn & Son, Greenwich, Manu.—Improvements in marine steam-engines, especially for marine steamers. Patented 26th May, 1875.

8. Haworth & Co., Leith, Mann.—High-pressure marine steam-engine, of simple construction, without slide-valves, eccentrics, or governors.


11. Howard, W. Leeds, Inv. and Des.—Model of a girder or vertebra arch, invented and designed for a bridge in the river Mersey, at Runcorn Gap, in one span of 1,336 feet.


13. Lynch & Iskins, Garratt Rd., Manchester, Mann. and Des.—One-horse portable steam-engine, for driving agricultural or other machinery.


16. Butterley C., S. 6 Boxtigham St., Leeds, Inv. and Pat.—A steam-engine, combining a high-pressure engine, and an improved suction and force pump. A portable high-pressure boiler.

17. Potts, J. W. 18 South St. Fulham, Imp.—Inventor of the marine steam-engine, of the collective power of 700 horses, designed for driving the screw propeller by direct action. Models made in 1875, showing the early application of steam power to locomotion, &c.


UNITED KINGDOM.

Class 6. Machines for direct use, including Carriages, Railway and Marine Mechanism.

59 Baker, G. and Sir J. Holland St. Mann. and LICENSORS.—Model of Bishop's patent disc engine, fitted as an auxiliary power to drive a screw propeller.


63 Whitehead, J. L. Northstone, Benfleet, Scotland. Inv.—Models, &c. Improved steam-engine, for driving the screw-propeller, &c. Centrifugal atmospheric churn and pump.


67 Rees, A. F. Birmingham, Inv. and Mann.—Working model of a steam-engine, with three kinds of side-valves.

68 Craddock, T. Bensleigh Works, Pimlico, Inv. and Mann.—Patent high-pressure, expansive, and condensing steam-engine, with tubular boiler and regulating damper.

69 Fersouz, D. Kilkeeny, Ireland. Inv.—Registered boat-propeller and water-wheel.

70 More, G. 14 Euston St. Inv.—Iron abutments and tension rods on piers. Railway engine.

71 Cleaver, T. Aberdeen, Inv. and Mann.—Registered rotatory pump, that will act either as a common lift or force-pump.

72 Jenkins, G. 4 Nansen St. Soho, Inv. and Pat.—Hydro-pneumatic engine.

73 Read, S. 50 Paradise St. Inv. and Mann.—Domestic pump and fire-engine.

74A Hixon, J. H. Westbourne Lodge, Harrow Rd. Inv.—New patent boat-propeller.


76 Hilla, W. Blackheath Rd. Greenwich, Inv. and Mann.—Improved steam-boiler and furnace, for hot-water apparatus. Registered.

77 Beveridge, G. Galloway House, Bath, Mann.—Archimedes screw for raising fluids.


102 Putto, J. Stockton-on-Tees, Mann.—Working model of a high-pressure steam-engine, with glass cylinder and steam-crib to show the machinery.

104 Sharp, W. D. Swindon, Wilts, Inv.—Steam-engine, with improved valves, valve-gear, &c.

106 Buckett, E. G. 3 Joyson St. Strangeways, Manchester, Mann.—High-pressure steam engine, suitable where small power is required.

110 Wesson, E. 5 St. Pancras St. Stepney, near Commercial Rd. East, Maker.—Model of oscillating engines of 300 horse-power, with eccentric paddle-wheels.

112 Flett, H. Bromley Bow, Mann.—Model of a condensing engine and boiler.

116 Linton, J. Selby, Yorkshire, Inv. and Mann.—Improved locomotive, in miniature, working high-pressure steam expansively, with power to cut off the steam at any part of the stroke, and finally condensing the steam.

118 Fry, W. Foster's End, Des.—Model of convertible wind, water, or steam power, of improved construction.

123 Huxley, H. G. 31 King St. Manchester, Inv.—Model, showing patent improvements in lubricating.


126 Tansley, E. 9 Homer St. Lambeth, Inv.—Feathering paddle-wheel, and feathering windmill, constructed on an improved principle.

128 Judge, T. Hampstead, Inv. and Mann.—Cranes for steam-engines and turret clocks, gas-sockets, consumer, self-adjusting spirit level, &c.

131 Bilker, W. W. 13 Reading St. Swindon, Des. and Mann.—Working model of a pair of non-condensing steam-engines, standing within the compass of a shilling, and weighing three drachmes.

133 Ecclesfield, T. Euston St. North, Birmingham, Inv.—Submarine propeller for steam vessels. Atmospheric propeller for navigation.

134 Cowper, F. R.R. 9 Kensington Park Rd. Notting Hill, Inv. and Pat.—Model by T. E. Winter, Esq student in King's College, London, of the printing-machine now in general use. The catalogue of the exhibition is printed by these machines. Cheap educational models.


138 Richards, T. 2 Kid St. Woolwich, Mann. and Des.—Model apparatus for connecting engines and paddle wheels. Models of propellers.

140 Kransley, W. H. 7 Smithfield Bar, Inv.—Archimesdian screw for hand propulsion, creating no swell.

143 Honor, R. Ewel, near Ipswich, Inv.—Patent parabolic submarine propeller, for steam-ships.

145 Paterson, T. C. 15 Euston St. Haymarket, Inv.—Model of a rotary steam-engine.

152 Perrins Liberty, B. R. Inv. and Prop.—Model of new propeller for screw vessels.

151 Marradew, W. 89 Fleet St. Mann.—Platform weighing machine, showing the weights of various European countries, dial weighing machine, domestic telegraph, &c.

200 Tucker, J. H. 23 Pall Mall, Mann.—Pneumatic governor for regulating the speed of steam-engines. Latrimer's patent.

200 Lloyd, G. 70 Gt. Guildford St. Southwalk, Inv. and Mann.—Centrifugal disc blowing machine.

204 Kennedw, M. 3 George St. Camden Town, Des. and Mann.—Improvised blast-flue, for forges, furnaces, ventilating and fumigating.


222 Radcliffe, A. 67 St. John St. Ed. Inv. and Mann.—Model of a steam trigger. Improved shifting quarry-board.
Glastron's diamond and glass-cutting machines. Artists' diamond-staining points.

343 Smith, E. Bron, Selont, Carnarvon, Wales, Inv.—Models of a double line of railway (of four-rail mixed gauge), with diagrams of railway tunnels and carriages.

339 Pacey, A. A. 45 Oxford St. Inv. and Pat.—Compressed-air-engine, for locomotive and stationary purposes.

400 Fairbairn.

401 Merryweather, M. 63 Long Acre, Man.—Merryweather's powerful and other engines. Garden engines. Leather hose. Firemen's helmets, tools, etc. Fire escapes, etc.


403 Strother, Ratton, & Pitt, Newark Foundry, Bath, Imp. and Man.—Improved iron crane for a dock or wharf.

405 Stothard, H. Bath, Inv.—Model of a plan for removing the sewage of London without disturbing the present arrangement of drains.

406 Fox, Henderson, & Co. Derrick.—Cranes.

407 Forrester, R. F. 38 Barclay St. Shendermark, Inv.—Conveyor safety apparatus, for preventing loss of life and property in docks when a rope or chain breaks in shafts of mines and collieries.

408 Easton & Amos, Grove, Southwark, Man. &—Improved patent hydraulic ram.

409 Riddley, W. 29 Alfred St. Islington, Inv. and Man.— Farmers' fire-engines and force-pump.

410 Sand & Mason (late Tillet & Co.), 24 Blackfriars Rd. Man.—Fire engines, fire pumps, garden engines, patent hose and suction pipes, fire cooks, series of jet pipes, etc.

411 James & Co.—Cranes.

412 The Bank Quay Foundry Co. Warrington, Mann.—Large hydraulic press, used in raising the Britannia tubular bridge.

414 Bown, T. B. 4 Furnival's Inn, Pat. Machine for separating molasses from the crystals of sugar by centrifugal agency.

415 Finlay.


417 Fairbairn.

418 Devon Gt. Consol. Copper Mining Co.—Models of two water-wheels of 14-horse power each, erected at the mines, for pumping water.

419 Bridgwood, W. 1 Crescent, Taunton or Otterhead, Churchsteet, Honiton, Inv.—New patent water-shoots, for effective security against drift. New patent barge covering. Patent water-shoot coping.

420 Afford, J. G. 33 Wilson St. Finsbury, Inv.—Centrifugal pump for draining marshes for a tide pump, without valves.

421 Birkinshay.

422 Stocker, S. and G. 4 Arthur St. New Oxford St. Man.—Beer machines, counters, spirit tap, lift pumps, etc.

423 Slack, J. 46 Commercial Rd. Lambeth, Inv.—Polished slate cisterns, with an improved patent rapid purifier, calculated to produce 3,000 gallons per day of pure soft water, etc.

424 Warner & Sons, 8 Crescent, Jewin St. Man.—Overheated water-wheel, hydraulic machines, pumps, fire, garden, and beer engines, ticket register, ventilating glass, weights and measures, a church bell, hand-bells, etc.

425 Clark, G. D. 9 London St. Greenwich, Inventor's Agent.—Water filter, with self-acting regulator or water-meter.

426 Dean.

427 Tame.


429 Funnell, R. 38 Nicholas Lane, Inv.—Sea-water regenerator. Patent self-cleansing filter. New motive power, by compressed air, etc.

430 McNicol, & Vennin, Liverpool, Prop.—Patent steam travelling crane for railways, for loading and discharging the cargoes of vessels, etc.

432 Treharne, J. Aldine Chambers, Paternoster Row, Inv. and Man.—Patent water-meter.

433 Shuker.

434 Fletcher.

435 Tack.

436 Chessy, S. Spalding, Inv.—Floating filtering pump. Specimens of metallic paste or cement, for preventing damp in walls and keeping out wet.

450 Neville, J. P. 6 Cruched Friars, Inv.—Machine for discharging loose cargo.

459 Shakes, H. Kingston, Surrey, Man. and Inv.—Common pump with reserve-chamber. Model of a configuration. Common pump on an improved principle; the syphon illustrated.

500 Freeman Bros.

501 Freeman, Bros. & Hammond, 70 Strand, Man.—Hydraulic ram. Fountain basins of iron, for pleasure grounds.

470 Ashby, J. Croydon Common, Inv.—Screw friction clutch, for machinery in motion.

506 Gt. Western Railway Co.—Locomotive engine and tender, constructed at the Company's works at Swindon. One of the ordinary class of engines constructed by this Company for passenger traffic, since 1847. It is capable of taking a passenger train, of 120 tons, at an average speed of 60 miles per hour, upon easy gradients. The evaporation of the boiler, when in full work, is equal to 1000 horse power, of 33,000 lbs. per horse—the effective power as measured by a dynamometer is equal to 743 horse power. The weight of the engine, empty, is 31 tons; coke and water, 4 tons—engine in working order, 35 tons. Tender 2 tons; water, 1,600 gallons; coke, 1 ton 10 cwt.—total 17 tons 13 cwt. The heating surfaces are, fire-box 156 feet; 305 tubes, 1,759 feet. Diameter of cylinder, 18 inches; length of stroke, 24 inches; diameter driving-wheel, 6 feet; maximum pressure of steam, 190 lbs. The actual consumption of fuel in practice, with an average load of 90 tons, and an average speed of 29 miles, including stoppages (ordinary mail train), has averaged 20-8 lbs. of coke per mile.


508 Crampston, T. R. South Eastern Railway Co. 15 Buckingham St. Adelphi.—London and Paris express locomotive engine the "Folksstone," Crampston's patent.


510 Adams, W. B. 1 Adam St. Adelphi, Pat. and Des.—Light locomotive engine on four wheels. Double railway carriage for first and second-class passengers. Patent spring, greasy-light axle-box, etc.

512 London and North Western Railway Co. Stewart, C. Euston Sq. Station, Secretary.—Express locomotive engine, "Liverpool," Crampston's patent. The man-
row-gauge express engine, the "Cornwall," designed by Mr. Trevithick.

529 FARRIS.

530 WHYTE, E. B. & CO. 9 Post’s Corner, Westminster, Mann.—Locomotive double boiler tank engine.

531 WILLIAMS, C. C. Glasshouse Yd. Goswell St. Inv. and Mann.—Railway carriage, made of English India Maulmet tin, unpatented.

532 Hennings, H. A. Pluner, near Watford, Inv.—Patent improved covered waggon for the conveyance of merchandise by railway, fire and water proof.

533 Kimm, Thomas, & Hawarth, Leeds, Mann.—Locomotive tank engine, length of stroke 23 in.; diameter of cylinder 11 in., of driving wheel 6 ft., of fore and hind wheels 3 ft. 8 in.

534 HAWKES, R. & W. Newcastle-upon-Tyne, Mann.—First-class patent passenger locomotive engine.

535 McGowen.


537 PATEN SHAPT & AXLESTON Co., Burslem Iron Works, Wednesbury, Birmingham, Mann.—Patent railway carriage and other axles, with illustrations of the processes of manufacture, Patent link for suspension bridges, wired into frame at one heat.

538 Dr. Maxon, C. G. Dowgate Hill, Inv. and Mann.—Specimens of patent vulcanised India rubber buffers for railway carriages. Patent station buffers.

539 Young, C. & Co. Edinburg, Inv. and Mann.—Simultaneous-acting level-crossing gates for railways.

540 BARKLOW, P. W. Blackheath, Inv.—Model of cast-iron permanent way. Sleepers for points and crossings for railways.

541 BARKLOW, W. H. Derby, Inv. and Pat.—Wrought-iron permanent way for railways.

542 STRENS & Son, Darlington Works, Southwick Bridge Rd. Mann. and Pat.—Model of railway junction semaphore signals and double station signals.

543 BONY, J. W. Kenfrew, near Glasgow, Inv. and Mann.—Patent system of permanent way for railways, &c.

544 GARRAVAN, H. & O’SULLIVAN, terrace, Mann.—Iron surface-paved railway sleepers, with rails.


546 DUKES, T. Windsor Bridge, near Manchester, Inv. and Mann.—Apparatus for removing carriages from one line of rails to another. Traversing machine, &c. Drawings of machinery.

547 CLARKSON, R. & Son, St. George’s Foundry, Manchester, Pat. and Mann.—Patent traversing machine. Dunn’s patent turn-table.

548 COOK, J. Great George St.—Permanent way of the Great North Railway, with Ransoms and May’s patent chairs, treasells, and wedges.


540 WOODELL, G. & Co. Warrington, Mann.—Railway axle-forge, hammered, showing process of manufacture; bent cold, and having borne a pressure of 84 tons. Railway wheel-tire. Patent railway axle-box.


546 BURGESS.


549 GOMEZ, L. Kennington Oval, Inv.—Railway trains constructed to prevent collision. Square carriage wheels, termed couplers, to advance by steps and without jolting.

550 CARTWRIGHT & CARTWRIGHT, Addison Rd. Kensington and Sydenham, Inv. and Pat.—Model of a railway train and breaks.

551 CARTWRIGHT & CO.

552 BOLD, J. 54 Threadneedle St. Inv. and Mann.—Model of facilitating the draught of heavily-laden carriages. New method of joining iron joints and rafters to wood, &c. Fire-proof door. Method of casting iron ships with wood, without bolts or rivets, &c. New method of framing the sides of iron ships.

553 BARNES & CO., R. 73 Shoe Lane, Inv. and Mann.—Electro-magnetic engine. Locomotive steam engine.

554 LOCK, C. A. 1 King St. Portman Sq. Inv.—Railway signal, worked by the agency of electricity; intended to obviate the danger of one train overtaking another.

555 BARK & CHAMBERS, Germn St. Manchester, Mann.—Railway carriage wheels, upon Banks’s patent principle of inserting steel segments in that part of the tire which is most exposed to friction.

556 TOU, J. Jun. The Grove, Hackney, Inv.—Railway signal, for instant communication between the guards, passengers, and engine driver.

557 LAMO, F. 233 Strand, Inv. and Pat.—A contrivance for preventing vibra... 23 iron railway wheels, and thus causing it to run without noise.

558 LAMO, F. 233 Strand, Inv. and Mann.—Portable fountain, for drawing-room tables, conservatories, &c.

559 EASTWOOD & FAIRY, Morledge Iron Works, Derby, Mann.—Iron wheels, and rolled and bar iron from which they are made.

560 DICKER, J. 2 Clarence Ter. Rotherfield St. Islington, Inv.—Apparatus for transferring mail-bags, &c. on railways.

561 TAMS, J. A. Colchester, Inv.—Improved application of the whistle to locomotive engines, and proposed application thereof to steam-boats.

562 JACOBS, F. P. Saltford Rolling Mills, Manchester.
## UNITED KINGDOM.

### Class 5. Machines for direct use, including Carriages, Railway and Marine Mechanism.

<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
<th>Description</th>
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<tbody>
<tr>
<td>Mann</td>
<td>Locomotive and carriage tree. Spin-wheel, moulded by a patent machine. Registered stove-bay, easy to clean out. Model of a powerful hydraulic press, which will lift upward of 3,000 tons. Patented.</td>
<td>655</td>
</tr>
<tr>
<td>Gorey</td>
<td>2a, Station St, Snow Hill, Improver—Models of three railway carriages, with rotary and self-acting brake. Locked buffers. An economical form of spring.</td>
<td>655</td>
</tr>
<tr>
<td>Harvey</td>
<td>D. 3 Cumming Pl, Pentonville Hill—Models of the &quot;Victoria and Albert&quot; and &quot;Fairy&quot; yachts, a 40-gun frigate, and a locomotive, with patent safety machine.</td>
<td>656</td>
</tr>
<tr>
<td>Walker</td>
<td>W. Shrewsbury, Inv.—Railway-break.</td>
<td>668</td>
</tr>
<tr>
<td>Cowper</td>
<td>E. A. 9 Kensington Park Rd, Notting Hill, Inv.—Detonating fog and accident signal for railways.</td>
<td>669</td>
</tr>
<tr>
<td>Harvey</td>
<td>D. 3 Cumming Pl, Pentonville Hill.—Models of the &quot;Victoria and Albert&quot; and &quot;Fairy&quot; yachts, a 40-gun frigate, and a locomotive, with patent safety machine.</td>
<td>656</td>
</tr>
<tr>
<td>Walker</td>
<td>W. Shrewsbury, Inv.—Railway-break.</td>
<td>668</td>
</tr>
<tr>
<td>Cowper</td>
<td>E. A. 9 Kensington Park Rd, Notting Hill, Inv.—Detonating fog and accident signal for railways.</td>
<td>669</td>
</tr>
<tr>
<td>Mayhew</td>
<td>J. Chelsea, Inv. and Mann.—Bath apparatus. Revolving water-gate for steam boilers. Machine for blasting 150 acres of grass and dirt.</td>
<td>701</td>
</tr>
<tr>
<td>Hatton</td>
<td>W. 187 St. George's East, Inv.—Passengers' signal for railways and other carriages, for ready communication with drivers, guards, &amp;c.</td>
<td>701</td>
</tr>
<tr>
<td>Jackson</td>
<td>J. 5 Victoria Grove, Bayswater, Inv.—Model of a railroad with stationary engine for propelling carriages by compressed air.</td>
<td>703</td>
</tr>
<tr>
<td>Greenway</td>
<td>W. 23 Frederick St, Hampstead Rd, Mann.</td>
<td>704</td>
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<tr>
<td>Thomas</td>
<td>R. 3 Jamaica Row, Bermondsey, Mann.</td>
<td>707</td>
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<tr>
<td>Melling</td>
<td>R. Jun. 5 Complan St, Green Heya, Mann.—Model of a royal state railway carriage, broad gauge, with promenade round the outside.</td>
<td>708</td>
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<tr>
<td>Her</td>
<td>J. 5 Pickering Pl, Paddington, Inv. and Mann.</td>
<td>710</td>
</tr>
<tr>
<td>Allen</td>
<td>A. Crewes, Cheshire, Inv.—Model of hydrostatic or floating turn-table for railways. Model of improved crane.</td>
<td>711</td>
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<tr>
<td>Watson</td>
<td>T. 79 Privost St, City Ed. —A day or night signal for railways.</td>
<td>712</td>
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<tr>
<td>Wharnall</td>
<td>W. Kensington Station, Inv.—Wharton's patent railway wear.</td>
<td>713</td>
</tr>
<tr>
<td>Harey</td>
<td>J. 22 Vauxhall Row, Vauxhall, Inv.—Working model of a locomotive.</td>
<td>715</td>
</tr>
<tr>
<td>Maseley</td>
<td>B. C. Ashford, Kent, Inv.—Safety wheel for railway purposes, having its tire so secured that, in the event of a breakage, no part can leave the wheel, manufactured by Fox and Henderson, Birmingham, and others.</td>
<td>716</td>
</tr>
<tr>
<td>Assou</td>
<td>F. J. 21 King St, Bath Street, City Ed. Inv.—H. Briggs, signal detector; applicable also to buildings. Model life-boat.</td>
<td>717</td>
</tr>
<tr>
<td>Fairey</td>
<td>T. 2 Little Argyll St, Regent St, Inv.—Snow-sweeping engine for railways and common roads.</td>
<td>726</td>
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<tr>
<td>Shaw</td>
<td>J. &amp; Co. 91 Paddock, near Riddlesfield, Inv.—Patent signals and points or switches on railways.</td>
<td>726</td>
</tr>
<tr>
<td>Fairey</td>
<td>J. 67 Division St, Sheffield, Mann.—Quadrant weighing machine.</td>
<td>728</td>
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<tr>
<td>Watts</td>
<td>T. 3 Palace Pl, Inv.—Model of a suspension bridge for a railway between England and France.</td>
<td>750</td>
</tr>
<tr>
<td>Baker</td>
<td>G. D. Twickenham, Inv.—Patent locomotive machinery, for working up or down steep inclines from or to wharfs, &amp;c.</td>
<td>750</td>
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<tr>
<td>Baker</td>
<td>G. D. Twickenham, Inv.—Model of patent locomotive machinery.</td>
<td>750</td>
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<tr>
<td>Russell</td>
<td>G. H. 2 York Ter, Queen's Ed, Hornsey Rd, Holloway, Inv. and Mann.—Improved pressure gauge.</td>
<td>754</td>
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<tr>
<td>Gurney</td>
<td>J. 3 Ebenese Ter, Turner St, London Hospital, Inv.—Machine propelled by hand-power.</td>
<td>756</td>
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<tr>
<td>Bowles</td>
<td>J. Birmingham, Inv.—Model of a carriage to run on the rims of the wheels instead of the axle.</td>
<td>756</td>
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<tr>
<td>Morison</td>
<td>W. Prior Pl, Dover, Inv.—A working model of a machine for ascertaining and recording the weight of goods.</td>
<td>756</td>
</tr>
<tr>
<td>Nicholl</td>
<td>Co. 16 Aldersgate St, Mann.—Scales, weighing-machines, Exobex, standard scales, weights, and measures, &amp;c.</td>
<td>757</td>
</tr>
<tr>
<td>Olliffe</td>
<td>C. N. Ramsgate, Inv.—Private secretary, or fraud-preventor, for indicating the number of people entering a public vehicle, or exhibition room.</td>
<td>757</td>
</tr>
<tr>
<td>Davidson</td>
<td>J. &amp; Co. Barony St, Edinburgh, Inv. and Mann.—Steel-works or weighing machines, the under levers, beams, &amp;c. made of malleable iron, with welded steel centres, the bearers lined with welded steel, &amp;c.</td>
<td>774</td>
</tr>
<tr>
<td>Hickson</td>
<td>J. Bow, Middlesex, Inv. and Mann.—Improved engine counter, applicable also to turnstiles for bridges, &amp;c.</td>
<td>776</td>
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<tr>
<td>cram</td>
<td>J. 51 Cornwallis St, Liverpool, Dee. and Mann.—Portable weighing machine. Cotton sack, or bale weighing machine. Library weighing and measuring machine. Chimney-arch and smoke-damper, to prevent chimney smoking.</td>
<td>776</td>
</tr>
<tr>
<td>J. F.</td>
<td>Bow, Middlesex, Inv.—An indicator, for registering and detecting change of speed of steam-engines or machinery.</td>
<td>777</td>
</tr>
<tr>
<td>Goodfellow</td>
<td>J. 4 James St, West, Devonport, Inv.—Hand-gauge for showing the height of water in steam boilers, in which tale is substituted for glass.</td>
<td>777</td>
</tr>
<tr>
<td>Macherson</td>
<td>D. 7 Salisbury St, Edinburgh, Inv. and Mann.—A weighing machine, with the levers on either side of the fulcrum of equal lengths.</td>
<td>777</td>
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<tr>
<td>Howe</td>
<td>G. 119 Gt. Guildford St, Southwark, Inv. and Mann.—Water gauge for steam boilers.</td>
<td>777</td>
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<tr>
<td>Medhurst</td>
<td>T. 485 Oxford St, Mann.—Improved portable combusitive lever, for accelerating steam-engines or machinery.</td>
<td>779</td>
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<tr>
<td>Dombyan</td>
<td>W. 95 Great Ancoats St, Manchester, Mann.—Bright steel box and scale beam, mounted upon a brass pillar.</td>
<td>779</td>
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<tr>
<td>Pooley</td>
<td>H. Liverpool, Inv. and Mann.—Patent locomotive engine weighing tables, with drawings, &amp;c. Drawing of a patent engine, for weighing canal boats and their cargoes, &amp;c. Drawings, in plan and detail, of the first large establishment in England, of baths and wash-houses for the poor, erected by the Corporation of Liverpool, 1845-6. Architect, Joseph Franklin; Engineer, Henry Pooley.</td>
<td>784</td>
</tr>
<tr>
<td>Anderson</td>
<td>J. E. B. R. S. Scotland, Inv. and Mann.—Victoria car, made with light springs, high wheels and low seats, to avoid danger from accidents.</td>
<td>784</td>
</tr>
<tr>
<td>Andrews</td>
<td>P. 43 Gt. Brunswick St, Dublin, Mann.—Light outside car, with imitation caning, on a new principle.</td>
<td>803</td>
</tr>
</tbody>
</table>
Class 5. Machines for direct use, including Carriages, Railway and Marine Mechanism.

604 Basecome, G. H., Chislehurst, Des.—Model carriage, with four wheels; indicates the distance of ground it travels over. Model carriage, or single-horse dog-cart. Improved registered sporting tram, &c.

605 Bannford, J. J., 43, Strand, Inv.—Model of improved patent railway carriage.

606 Black, H. & Co. 1, Berners St., Mann.—A spheroidal back Brougham.

609 Boodle, R. & Sons, 13 & 14, Mount St., Grosvenor Sq., Des. and Mann.—Improved "sociable," forming an open or close carriage at pleasure.

610 Brant & Sons, J. Duke St., Stamford St., Lambeth, Inv. and Mann.—New application of springs, and machine for weighing coal for caravans or wagons.

611 Brough, G. & Co., 45, Wigmore St., Cavendish Sq., Des. and Mann.—Town-travelling chariot and mail phaeton.


613 Brown, Owe, & Co., Lichfield St., Birmingham.—Park phaeton, of light construction.

614 Browne, W. P., 29, Grafton St., Dublin, Inv.—Irish jaunting cars, common and improved.

616 Cook, Rowley, & Co., King St., Regent St., Mann.—Patent Brougham, and patent park phaeton, with inverted double C springs, &c. Models of a patent cabriolet to carry five persons, and of an omnibus divided into compartments, by J. A. Frankin.

618 Coppell, & Sons, 50 and 51, Gr. Queen St., Lincoln's Inn, Mann.—Registered carriages.

620 Cowper & Box, Oxford, Inv. and Mann.—Light two-wheeled sporting carriage, adapted to carry two or four persons.


629 Crouchett, E. Vauxhall Wheel Works, Liverpool.—Improved patent wheels. Liverpool town float, lorrie, and coal cart.


630 Dawson, F. W., 19 York St., North Polygon, Bath, Inv. and Mann.—Newly-invented wheel chair for the use of invalids, and as docile, or self-propelling carriage.

632 Drewer & Co., 9 Pancras Lane, Inv. and Mann.—Patent inclined axes and axletrees.

634 Duthie, J. E., & Co., 114, Aldergate St., Mann.—Highly-finished light phaeton and harnass. Best quilted Somerset saddle and Weymouth bridle.

645 Fullers, G. & T., Bath, Mann.—Landaus carriage, with improvements.

646 Gairney, S. 19, Easton Pl., Easton Sq., Inv.—Model of a patent street waterer-cart, with five-engine combination.


653 Greatison, J. R., 35, Mary St., Dublin, Mann.—Irish jaunting car.

655 Glennell, J. E., 299, Strand, Inv.—Working model of spring carriage wheel.

660 Hadley, J., London Rd., Worcester, Inv. and Mann.—Baresta Clarence and Brougham, with furniture of Worcester china.


664 Hardman, W. & Co., 68, Long Acre, Des. and Mann.—Specimens of carriage laces, linings, and carpets, showing the progressive improvements in their manufacture; also of tassels, bullions, fringes, and other upholstery ornaments.

666 Harries, J. P., 4 Broad St., Bath, Inv. and Mann.—Light open park wheel chair, with glass panels, &c. Newly-invented reclining and elevating spinal bed wheel chair, &c.


676 Hooper, R. E. & F.

680 Holloway, F. T., 10 Lamb's Conduit St., Mann.—Coach lace patterns, silk velvets, cut on terylene, drawn on terylene, and relief, cut on terylene. Figured silk-ground lace. Registered design.

684 Hutton

686 Jukes, J. 12, London St., Fitzroy Sq., Des. and Mann.—Model for an under-spring state carriage.

688 Jordan, W. H., Cumberland Basin, Clifton, near Bristol, Des. and Mann.—Invalid three-wheel chairs, with reclining apparatus, &c.

692 Knap, R., Safron Walden, Essex, Des. and Mann.—Carriage with low box, forming an invalid's pony chair.

699 Knapton, R. J., 45, Long Acre, Des. and Mann.—Carriage of novel design for summer.

696 Kinders & Wheeler, Granby Pl., Leicester, Des. and Inv.—An Albera phaeton for a pair of ponies.

698 Kings, W. 101, Long Acre, Des. and Mann.—Cabriolet domestique.

698 King, W. & Co., Stirling, Scotland, Mann.—City coach, to carry nineteen passengers inside, with abundant ventilation, &c.

800 Lavanchi, J. R., 9, Richmond Buildings, Sobo, Inv.—Patent portable bridge, as called in France, Pont portable.

808 Lewis, C. R. 14, King St., St. James's, Inv.—Omnibus improvement.

804 Wilcox, G. Redmond Hill, Dublin, Mann.—Pilatus phaeton, a close carriage. Outside cars, with improvements. Light gig.

809 Marks, J. I., Langham Pl., Cavendish Sq., Prop.—Noisless wheels.

910 Mason, W. H., Kingsland Rd.—Pony carriage.

913 Mitchell, A., Glasgow, Prop.—Model of an omnibus, with three horses abreast.

914—916 Middletons, W. & Co., 40, Long Acre, Mann and Inv.—Improved conveyable carriage. Centripetal plate to bring the wheels closer together.

918 Mitchell, Rev. G. (L.L.D.), Whitburn, Linthgowshire, Inv.—Model of a safety carriage, which can be stopped from the inside. The design described in fifty different languages.

918 Mitchell, Rev. W. A. M., Woolwich.—Model of railway engine, carriages, &c., with plan to preserve human life, and prevent serious accidents.
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**Class 5. Machines for direct use, including Carriages, Railway and Marine Mechanism.**

- **989** Mulliner, F. Northampton, Mass. and part Inv.—Improved pilion, suspended on elliptic springs and patent axle-tree.
- **990** Mulliner, H. Leamington Spa, Mass.—Four-wheeled carriage, commonly called a Brougham. Drawings of an improved curriole, dog-carts, coach-saddles, etc.
- **991** Newnham, J. Market Harborough, Leicestershire, Mass.—Pony carriage, consisting of an iron carriage of an entirely new description.
- **992** Newnham, B. 19 Broad St. Bath, Mass.—Bath wheel chair.
- **994** Noon & Co. 43 Crawford St. and 300 Regent St. Inv. and Manu.—Curricles and carriages Brougham, for one or two horses.
- **995** Oppen, B. 19 Wells St. Oxford St. Inv. and Manu.—Four-wheel carriage. A new carriage, "The semicircular Clarence."
- **996** Patonkoff, T. 13 Charlotte St. Fitzroy Sq. Des. and Manu.—Lace, in thread, worsted, and silk, for carriage decoration.
- **997** Paterson & Sons, Park St. Grosvenor Sq. Manu.—Light park brougham, with lee and under springs.
- **998** Quan & Sons, 10 Talbot St. Dublin.—Improved Irish jaunting cars.
- **999** Harvey, J. 41 Bridge Rd. Lambeth, Des. and Pat. —The patent Richmond car.
- **1000** Berry & Lee, 7 Park Lane, Piccadilly, Mass.—Brougham carriage, adapted for one or two horses.
- **1001** Bowden & Co. 13 Mount St. Grosvenor Sq. Des. Inv. and Manu.—Britannia phaeton of new design, with registered lock or wheel-plate, etc.
- **1002** Buck, J. jun. Hastings, Sussex, Inv. and Manu.—Improved carriage-spring, with a testing machine; a model of a barricate mobile. An improved photographic instrument, called the daugnoster type accelerator. Inv. and prov. reg. by R. Beauford.
- **1004** Saunders, C. New Yard, Gt. Queen St. Inv.—Double lever wheel-plate, to shorten the carriage, by bringing the fore and hind wheels closer.
- **1005** Sawyer, W. St. James's St. Dover, Inv. and Manu.—A velocipede.
- **1006** Shakes, R. H. Gt. St. Queen St. Manu.—Step piece landau, on elliptic springs.
- **1007** Simlins, G. 1 and 2 Commercial Pl. City Ed. Inv. Pat. and Manu.—Patent expanding funeral carriage.
- **1008** Smillie, T. Beddersley Enor, near Aberdare, Inv. and Manu.—Wheel of improved construction of spoke, giving greater elasticity in the motion of the carriage, &c.
- **1009** Silk & Brown, 8 Long Acre, Des. and Manu.—Barouche, with improved oriental springs. First class carriage.
- **1010** Smith, J. 50 Bartholomew Close, Prop.—Patent swing spring door-hinges.
- **1011** Hill & Stone, 21 Little Moorfields, Inv.—A park phaeton, with adjusting head.
- **1012** Smith, J. 50 Bartholomew Close, Prop.—Patent swing spring hinges.
- **1013** Smith, O. H. Pimlico Wheel Works, Upper Belgrave Pl. Prop.—Wheels for gun carriages (wood), made and put together by machinery.
- **1014** Swain, T. 15 Charles St. Hackney Rd., Letter car, Des.—Models of a church and of a mail coach, with bird scenery.
- **1015** Thomson, G. Stirling, Scotland, Manu.—Four-seated gig, not liable to duty.
- **1016** Treff, C. J. 209 Oxford St. Des. and Manu.—Landaulet Brougham and shamrock car.
- **1017** Tilbury, J. 35 Gloucester Pl. New Rd. Manu.—Light sporting phaeton, with patent noiseless wheels.
- **1018** Tuntall & Williams, Bath, Inv.—Self-acting invalid chair, enabling the invalid to alter his recumbent posture with facility.
- **1019** Vesty, E. & E. Long Acre, Bath, Inv. and Manu.—Newly-designed sovereignic saddle.
- **1020** Wickers & Gilders, 16 White Lion St. Newport Folgate, Inv. and Manu.—Registered single Brougham carriage, with additional front. Improved lamp-irons. Prepared rubber round-robin to bind springs.
- **1021** Ward, J. 41 Paris St. Exeter, Manu.—A cab park-phaeton, on springs, with leather robes and axles on Collinge's principle.
- **1022** Watts, C. Parkhurst, Isle of Wight, Inv. and Manu.—Velocipede, consisting of three wheels.
- **1023** Wilson, J. 36 Portland St. Watford, Des.—Improved velocipede, constructed principally of iron, adapted for exercise or amusement.
- **1024** Wyborn, Kellner, & Turner, 121 Long Acre, Manu.—Dress chariot.
- **1025** Ward, J. 5 and 6 Leicester Sq. Des. and Manu.—Four-wheeled pleasure-ground Victoria chair, lined with blue figured satin, designed and woven by Draper, of Holborn. Improved recumbent chair for invalids. Spanish mahogany portable folding-chair, for invalids.
- **1026** Wilson, C. Engine-driver on the Leeds and Thirk Railway—Small locomotive engine.
- **1027** Thomson, W. & J. 10 Jermyn St. Oxford St. Inv. and Manu.—Brougham, with aquapneumatic springs, inflatable step, &c.
- **1029** Armstrong, B. Belgravia, by Kirkaldy, Inv.—Working model of a railway, the trains being driven by atmospheric engines fixed at every hundred yards.
- **1030** Bowes, W. E. Bridgwater near Falmouth, Inv.—Model of an apparatus for disconnecting railway trains in case of accident. Improved dividers for millwrights.
- **1031** Bowes, W. G. 20 Market St. Edinburgh, Inv. and Manu.—Safety cages, for mine shafts, to prevent the loss of life and destruction of property in mine shafts, when the rope or chain snaps.
- **1032** Banes, L. 23 Parliament St. Hull, Des. and Manu.—Twin geometric staircase.
- **1033** Clark, G. D. 12 London St. Greenwich, Inv. Agist. —Iron castings for architectural purposes, in combination with, or in lieu of, bricks or stone.
- **1034** Elder, D. Royal Adelaide Steamer, Leith, Scotland Manu.—Model of an oscillating marine engine.
- **1035** Gour, P. F. 11 Camden St. Peckham, Inv. and Pat.—Beer machine, acting by turning a tap only. Pump. Warm bath apparatus. Compressed air garden engine.
- **1036** Gray, T. H. 79 King Wm. St. City, Inv. and Manu.—Spherical pump, sanitary cistern for cleansing drains, valve cocks, water closets, lighting conductor, &c.
- **1037** Harris, T. Newlyn, near Truro, Inv.—A model for working water-power.
- **1038** Horseby, R. Parr Foundry, near Truro, Inv.—Valve, applicable for large pumps, divided into several parts, so as to avoid the risk of breaking by concussion, the different parts shutting in succession.
- **1039** Howard, Ravenhill, & Co. King and Queen Iron...
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CLASS 6. MANUFACTURING MACHINES AND TOOLS.

1. HIRCOURT, FLEET, & SONS, HARTFORD WORKS, OLDHAM, INVI. AND MANI. — An extensive series of improved machines for the manufacture of cotton. Machines used for opening and cleaning cotton. Machinery used in the manufacture of cotton yarn. Patent looms for weaving cotton cloth. The steam engine, mill gearing, and frame, are made and exhibited by HICK and Son, Bolton.

2. BOOTH & Co., PRESTON, LANCASHIRE, MANI. — Mule spindles, for spinning cotton and silk. Throttle spindles and fly, for cotton, silk, flax, or worsted. Roving spindles and fly, with Ives' patent spring, &c.

3. DALTON, J., MORTON-IN-LONGDLESE, INVI. — Machine for printing calicoes, de launes, and other textile fabrics; to print by one process a corresponding or varied pattern on each side of the textile fabric.


5. PATEL, F., MANCHESTER, MANI. — Spindles and flyers used in preparing, spinning, and doubling cotton, silk, worsted, woolen, and flax.

6. PURVES, J., 7 Bull's Pl. CITY RD. INVI. — A portable fire-escape. An improved bomb-shell, to be used as shot or shell.


9. MATHES, W. & C., Salford, Iron Works, MANI. — Calico-printing machinery, for printing eight colours at one operation, with drying apparatus.


11. HARMER & KWORTHY, BLACKBURN, INVI. AND MANI. — Patent setting or dressing machine, with a peculiar arrangement for laying out the yarn, &c.


13. KWORTHY & BULLOUGH, BLACKBURN, INVI. AND MANI. — Model of power-loom, stops the motion when the weft thread breaks.


15. WATTS, F. J., 13 DUKE ST. PORTLAND PL. ST. MARYLEBONE, INVI.


17. PATTERSON, T. L., GLASGOW, INVENTOR AND PAT. — Model of a patent machine for winding yarn from the hank, upon the shuttlecope or perk.

18. RAWSON, G. — Models of bridges, erected or proposed. Model of a design of a harbour of refuge for Dover.


20. CHALMERS, D., MANCHESTER, WIRE WORKS, INVI. — New damask power-loom, Railway-break, calculated to prevent collision, and to act without shock.

21. GALWAY, W. H., SPRINGFIELD, SALFORD, MANCHESTER, INVI. — A power-loom, with a patented invention attached, by means of which silk and cotton velvets, and various other piled fabrics, are cut simultaneously with the weaving of the fabrics.

22. CRITCHLEY, D. 165 BRADFORD RD. MANCHESTER, INVI. — Model loom, exhibiting a new principle of mechanical action on the yarn and cloth rollers, &c.


25. RUNYERS, Capt. G. A. STIRLING, SCOTLAND, INVI. — Steam-power engine for railways or turnpike roads, with six wheels, and self-feeding boiler, requiring no tender. A hand-power speed machine.

26. NIXON & Son, 211 COWGATE, EDINBURGH, MANI. — Spinning wheel, for fine flax. A check reel, standard measure of Scotland. A model wheel, for producing fine yarn or twisted thread.

27. MURDOCH, W., BRADFORD, YORKSHIRE, INVI. — Power-loom made by Hodgson and Haley, to show the taking-up motion. Patented.


29. BARNES, C. 89 CHANCERY LANE, IMP. — Patent sewing machine, with two threads.

30. SCOTTLEY, R. IDLE, NEAR BRADFORD, INVI. — Patent spinning frame, for spinning and doubling cotton, &c.

31. SARRU, J. ORCHARD ST. GALSTON, AYRSHIRE, SCOTLAND, INVI. — Improved self-machine, applicable to fabrics of small design, out of the range of traddles.
44. Sandeman, H. Tulloch, Blesshfield, Perth, Man.—Machine for stretching cloth after it has shrunk in the processes of bleaching, scouring, dyeing, printing, &c.

45. Stones, J. Coventry, Inv.—Carding machine, used in making up or carding gists, bindings, or fancy trimmings.

47. Crawshay, T. Godfrey, near Halifax, Man.—Card-setting machine, for producing the complete card from the wire and leather or cloth.


49. Hirst, E. Nailsworth, Inv. and Man.—A gig-mill, on an improved principle, for dressing cloth; finishing with tassels, without removing the cloth from the machine.

49a. De Bergh, C. 9 Dowgate Hill, Inv. and Man.—Specimens of dent, and reeds or combs, complete, for weaving every description of fabrics, manufactured by patent machinery.

50. Hirst, E. Preston, Inv.—Balanced presser-fly, with zigzag, or multiplying spring, used in the dressing of cotton and other fibrous substances.

50a. Elliott & Hirst, 93 Mill St, Manchester, Inv. and Pat.—Improved loom.

51. Lochhead, J. Barrhead, near Paisley, Prod. and Improver.—Improved patent net-model loom, for weaving silk or cotton into net.

52. Jordan, C. T. Manchester, Pat.—Patent head machine, for producing heads or weavers' harness, &c. Sewing machine, capable of sewing 500 stitches per minute. Patent self-acting machine, for closing metals upon the eye or looms of heads.


54. Ross, R. Belfort, Ireland, Inv. Des. and Manu.—Flax spinning machine, which may also be used for crushing linseed, corn, or beans for feeding. Flax straw, grown in the county Down, Ireland.


56. Brown, T. B. Yorks.

57. Calfert, W. Bradford, Manu.—Six-pitch wool comb, used in the preparation of wool for the worsted silk trade.

58. Gainor, Sanders, & Nicholls, Bishop Lane, Corthill, Manu.—Mode of making silk hats on cork and linen bodies, and felt caps.

59. Hurwood, G. Cottage St, Ipswich, Inv.—Model of a beer-tap, &c.

60. Clayton, C. and J.

61. Lee, C. Bardeley Works, Birmingham, Inv. and Manu.—Machine for sticking pins in circular tables. Specimens of patent imitation marbles, for internal decoration.

62. Dicks, T. Middleton, Lancashire, Inv.—Working model of a mill, or apparatus for warping silk or other fibrous threads.

63. Brown & Co. Kendal, Manu.—Sheets of card, of different qualities, used for carding wool.

64. Shanks, H. Hoxton Old Town, Manu.—Lint machine: the material in process of manufacture.

65. Watkins, W. & T. Bridge St, Bradford, Inv.—Ironstone porcelain guides, used in the roving and spinning of worsted, silk, cotton, flax, &c.


67a. Pope & Co. 56 St. Paul's Sq, Birmingham, Manu.—Screw and lever presses, for embroidery and copying.

68. Jacob, C. A. 8 Pinkbury St, Des. and Manu.—Fly-press, lever-press, and tools, used in making metal buttons, &c. Loop for label made by machinery.

70. Robinson, W. Inv.—Pin-making machine, on a small scale.


75. Lawson & Son, Leeds, Inv. and Manu.—Machinery for the preparation and spinning of flax.

77. Parker, C. E. & C. Dundee, Scotland, Inv. and Manu.—Parker's patent mathematical power-loom for weaving navy-sail-cloth, and other heavy fabrics.


82. Barber, A. 36 Bread St, Inv.—Patent Jacquard loom, with two cylinders and two sets of cards.

84. Fosr, J. Masiefield, Inv.—Models of improved silk-printing machine and cleaning frame; of a spinning and doubling machine; of a throwing mill, with spindles turned by friction: to be patented.

85. Ray, T. S. Sidwell's Lane Mills, Derby, Inv.—Patent power-loom, for making fringes and like fabrics without the use of shuttles.

86. Clasen, P. 26 Grosvenor St, Pat. and partly Inv.—Circular hand-loom, for weaving looped fabrics, elastic cloth, &c. Manlove & Allott, Prop.

88. Manlove's Alloys, Nottingham.—Circular hosiery-machine.

89. Gardner & Bailey, Nottingham.—A 42-spindle doubling-frame, for the production of lace thread.

90. Hudson & Bottom.


92. Swell, T. H. Carrington, near Nottingham, Inv. and Manu.—Machine for making bobbin-net lace. Figured and plain net, made by the machine.


96. Burton & Eames, Lenton Works, nr. Nottingham. Prop.—Patent gassing machine, for singeing the loose fibre from lace, muslin, &c., giving them a more thread-like appearance, without injuring the fabric.

100. Fowdrooper, G. H. Hanley, Inv. and Manu.—Patent steam press, for printing the impressions to be transferred to earthenware or china. Patent oscillating double-platen steam-engine, with potters' flint and colour mill. Original model of Fowdriner's paper-machine; with specimen of pottery tissue paper, 24 miles long, made from old coal-pit ropes and hawser.
UNITED KINGDOM.

CLASS 6. MANUFACTURING MACHINES AND TOOLS.

104. SHEWYER, COPE, & CO. 5 Cumberland St., Tooley St., Inv. and Mann.—Printing press, exhibiting a simple combination of levers, &c. Armory-press, for bookbinders.

105. TAYLOR, W. Nottingham, Des. and Mann.—Machine for forming hemispherical paper-shades from flat discs of paper. Ornamental paper work, &c.

106. TREADWELL, G. Watford, Mann.—Machine for cutting paper into the continuous sheet.

110. SAWYER, W. 8 Bachelor's Walk, Dublin, Mann.—Improved machine for ruling paper.

112. WILKIN, G. 37 St. Martin's Ct., Leicester Sq., Inv. and Pat.—Paper and mill-board cutting machines.


118. COOKE, H. 137 High St., Oxford, Inv.—Printing apparatus for new construction, designed to give increased facilities to the compositor.


120. ULEN, Fetter Lane, London.—Printing-machine.

123. ISRAEL, H. 129 Strand, Prop.—A printing machine, on the vertical principle, as used at the "Times" office. The machine which is erected in the Exhibition is made to print circular woodcuts and type in the best manner.

123. WYNN, J. Glastonbury, Somerset, Inv. and Mann.—Portable combined cheese-press and weighing-engine, with card-breaker.

124. CLYDE & DIXON, 10 Pimlico St., Bayswater, Pat. and Mann.—Columbia printing press.

129. BARLOW, T., Birmingham, Imp. and Inv.—Working model of patent machinery for dry-coloring envelopes.

130. DORSEY, T. & Co., Bermondsey, Mann. and part Inv.—Model of improved paper-making machine.

133. BEEFER, Jnr., 19 Surrey Pl., Old Kent Rd., Mann.—Endless brass wire cloth, rollers, moulds, &c. used in making paper.

134. COFFMAN, E.—Printing Press.


137. MARSHALL, T. J. 80 Biahopsgate Without, Inv. and Mann.—Model of paper-making machine. Dandy-rollers.


142. STRAKER, S. 80 Bishopsgate St., Within, Mann.—Side lever lithographic machine, with improved registering mechanism, for colour printing.

144. BEEFEE, C. W. Markham Works, Larkhall Lane, Inv. and Mann.—Rollers, moulds, &c. for paper-making, with illustrations.

145. BANDMANS & MAY, Ipswich, Mann.—Model of patent excavator, for railways or canals. Models of improved apparatus and machinery, for preparing timber with trees, &c.

145. BEEFEE, T. & C. 56, St. Paul's Sq., Birmingham.—Copying presses.

150. COX, T. 19 Portugal St., Lincoln's Inn, Mann.—Model of improved iron printing press.

150. SHAW, F., 43 Lee St, Kingsland Rd.—Improved embossing presses.

156. SULLIVAN, T. Foot's Cray, Kent, Inv. and Mann.—Models of rollers for producing the water-mark, &c. in machine-laid paper.

156. NAPAVIS & SON, Lambeth, Inv. and Mann.—Compass which registers on paper the compass course which a vessel has been steer'd for 24 hours. Perfecting printing machine; single cylinder printer machine.


161. WATTS, W. 14 New North St. Finsbury, Inv. and Mann.—Albion printing press. Holm's patent Scandinavian printing machine.

165. WATERLOW & Sons, London Wall.—Printing-machine.

166. HAWKES, W. Nottingham, Prop.—Circular hoyse machine.


202. FOSTER, T. Manchester, Inv.—Method of applying edging ground copper rollers.

208. LYNCH, M. 143 Suffolk St., Birmingham, Inv.—Apparatus and specimens to illustrate the process of bright electro-plating, gilding, electro-engraving, and deposition of copper for the formation of tubes.

209. SHARPE.


207. HUNTER, J. per C. Boyd, 15 Addison Rd., Paddington, Inv.—A mineral washing-case, designed for the more expeditious and effectual washing of gold, silver, tin, copper, and lead ores, &c.


208. LEWIS, & Sons, Manchester, Mann.—Wheel cutting and dividing machine. Hodge and Batley's patent high-pressure steam-engine. Model of Lewis and Mackley's patent rolling and slab spindle, &c.


219. JONES, R. & BAXTER, Dale St., Manchester, Mann.—Waste drawing benches, showing the process of drawing strong and fine sizes of iron wire, with specimens.


219. GLASGOW, J. Manchester.—Improved screwing machine, with dies, taps, chucks, &c. complete.


221. COTTAM & HALE, 9 Winesey St., Inv. and Mann.—Portable hydraulic press, with dial index and dead hand.

223. BOWES, W. Bolton, Inv. and Pat.—Forging machine for small articles up to two inches, round or square, with specimens.

UNITED KINGDOM.


224 EADE & Son, Birmingham, Man.—A small four-foot screw-cutting and slide and other lathes, on iron stands, with tools and apparatus complete. Set of screw stocks, dies, and parts, &c.

225 DALGHEY, A. Deptford, Inv. and Mann.—Self-adjusting and surface cutting and screw-cutting lathes, self-adjusting chuck, &c.

226 MANDLEY.

227 SMITH, BEACOCK, & TARNETT, Leeds, Mann.—Self-cutting slide lathes, with bed 18 feet long, headstock 15 inches, centres, self-adjusting surface and screw-cutting motion, &c. Self-adjusting drill and planing machine.

228 RYTHIRFF.


230 NARIS, J. D. Y. & Co. Glasgow, Mann.—Model of patent mould-making machine for cast-iron-pipes; pipes 44 inches diameter, cast in molds made by the machine. Machine for testing the strength of cast-iron.

231 MORELAND, A. Studley Works, Warwickshire, Inv. and Mann.—Knitting pins. Steel, gilt and plated bodkins. Needles in the different states of manufacture. Specimens of machinery for making needles. Stamp press, or eyeing machine; filing, adding, and curving machines.

232 VAGMAN.

233 CHURCH, J. Chelmsford, Man.—Model lathes, with vice attached.

234 CAMPBELL, G. Charlton, Woolwich, Inv.—Portable steam forge, with blowing apparatus.

235 ABET.

236 BARNET & PEAR.


238 BRAWTON, W. Jun.

239 NEATX ABERT Co.

240 CLAUSTRE & Houghton, 89 High Holborn, Prod.—Painted glass for three compartments of a window. Glass shades of various sizes.

241 BRADLEY, R. & Co. Wakefield, Inv. and Mann.—A machine for moulding bricks. A working model of a colliery.

242 HUNTER, J. Leysmill, Arbrough, Scotland, Inv.—Model of Hunter’s stone—planning machine, with specimens of planed stones from Leysmill Quarries, near Arbroath.

243 MACKENZIE, J. S. Newark-upon-Trent, Inv. and Mann.— Mackenzie’s triturator, consisting of a mortar, fixed in a wooden frame, and pestle, to which, by means of apparatus attached, a rotary motion is given.

244 RIPLEY & SAWDEE, 14 Orange Grove, Bath, Inv.—Patent machines for driving saws, for the purpose of cutting stone in its natural bed. Traversing steam crane for underground quarries. Patent saw frame for cutting blocks of stone, &c.

245 BARTLETT.

246 SPELLEW, W. 14 York St. Blackfriars Rd. Mann.—Well-boring implements.

247 CHILDS, W. jun. Brighton, Inv.—Model of a machine to be used in the manufacture of plain and ornamental glass.

248 STEWART, R. Paisley, Prop.—Hutchinson’s patent machine for making patterns in stripes, cheques, and tartans, by means of sliding mirrors and coloured glass.


251 SEABY, C. Manchester, Inv. and Mann.—Specimens of the construction of revolving rubbing surfaces by a patent rule, &c. Spindle joint, for locomotive regulators. Self-acting feed regulator. Screws and nuts.


253 BRETT, J. Edward St. Regent’s Park, Inv.—Machine for cutting saw and roof bars, &c.

254 DAKIN.

255 BARKHURST & CO.

256 NORMAN, C. J. James St. Devonport St. Commercial Rd. Des. and Mann.—Machines for manufacturing ship or other biscuits.

257 BEATTIE, G. College St. Ipswich, Inv.—Panet mill for grinding wheat, barley, Indian corn, peas, and beans, &c. Pivot windows for public institutions, &c. Ships’ scuttles.


259 BARKER, C. M. 191 Portsmouth Pl. Kennington Lane, Inv. Pat. and Mann.—Curtiss’ sawing machine for ship’s timbers, &c. Circular sawing, or rack bench.


261 BLUNDELL & CO.

262 HEW, J. Bethley Mill, near Orford, Inv. and Mann.—Flour-dressing machine, on a new principle.

263 GUTTA PERCHA CO.

264 BEDFORD, J. Mill Hill, Leeds, Manu.—Flour-dressing machine, complete.

265 BLACKMORE, W. Wandsworth, Prop.—Model of an improved boiling mill, showing the mode of dressing flour through patent boiling cloths without seams: improved by J. Ayton, of Norwich, &c.

266 ADAMS, S. & C. Oldbury, near Birmingham, Inv. Pat and Mann.—Patent durable steel-mill, for grinding flour for colonial and domestic uses.

267 THOMSON, W. Shott’s Foundry, Edinburgh, Des. and Mann.—Planing machine of novel construction. Tool for cleaning off flooring-boards and deck planking.

268 COLLINGS.

269 SAYER.

270 SHERRING.


272 FIELDHOUSE, G. & Co. Wolverhampton.—Mills on pillar stand for grinding coffee and pepper.

273 COOPER, B. & Co. 30 Mark Lane, Mann.—A smut machine and corn-screen combined; of friction that it can bear without breaking or injuring the grain; also fluting it at the same time, scouring the fibrous end off, and all that adheres to it, effectually cleaning the wheat from all dirt,
UNITED KINGDOM.


cloths, smnt, &c.; the best wheat is considerably improved by passing through this machine, of simple construction. A model of a flour-dressing machine, with registered fan-brushes and flanges complete. Specimens of wove and twist wire in brass and copper.

445 GRAHAM, Wm., & Co. 304 Wapping, Man.—Model of a horizontal mill for crushing sugar cane with five rollers. Model of the old vertical sugar-case mill. Model of a set of evaporating pans.


447 GILBERT, J. 79 Wardour St. Soho, Inv.—Guillotine cutting machine, for cutting end joints, and for mouldings and other work in joinery and cabinet-making, &c.

448 ADAMSON, J. N. 6 Golden Sq.—Machines for making cigarettes and cigars.

450 GATTI, GATTI, & BODA, 129 Holborn Hill, Des.—Model of a steam-engine.

454 MARSHALL, ALEX., & SATTA, London Works, Nottingham, Inv.—Centrifugal machines for washing and drying clothes; for drying starch, &c., and purifying sugar.

455 STRAIGHT & SONS, 33 Charles St. Prop.—Ivory comb-cutting machine. Illustrations of improved mode of cutting ivory.

456 PROSSER & HADLEY, 201 Clipstone St. Manu.—Patent universal sawing machine, capable of performing curvilinear cuttings, both in outline and perforation.

457 TONG, BAILIE, & Co. East India Chambers, Imp. and Agents.—French mill-stones, made at La Ferté-sous-Jouarre, to which is applied Hanon-valke’s patent airator. Machine for roasting coffee.

457A LAw, W. 31 St. Andrew’s Sq. Edinburgh, Inv.—Machine for roasting coffee.

458 BAYNE, A. 43 Eastcheap, Manu.—Mills for grinding and bruising wheat; malt, coffee, drugs, &c. Roasters, &c. for coffee, chocolate, malt, &c.

459 HUGHERS.

460 MACKENZIE.

461 WHEELER.

463 MILLINGTON, B. & B. Newark-upon-Trent, Inv. and Manu.—Patent smut machine, for cleaning corn of all soft impurities.

463 RANKIN, R. & J. Liverpool, Manu.—Patent vertical smut machine and corn screen, with separator attached, for extracting sand, seeds, and small grain; and registered portable driving apparatus.

466 BouY.

470 ASHER, W. 8 Prospect Pl. Sheffield, Inv.—Upright flour-dressing machine.


503 THOMPSON.

504 WAITE.

506 BIEBARTLE, H. Albany St. Manu.—Candle-mould frame.

602 PONTIFEX & Wood, Shoe Lane, Fleet St.—Sugar apparatus, pumps, &c. in copper and brass.


605 TYLEY, HATWARD, & Co. 85 Upper White Cross St. St. Luke’s, Inv. and Manu.—A patent double soda-water machine.

606 Cox, W. Manchester, Pat.—Improved apparatus for the manufacture of aerated waters; also an improved construction of cock or tap.

609 BADDINGTON, S & W. 63 Wood St. Cheapside, Manu.—Drum sieve, for drugsters, &c. Straining sieve, of silk lawn, for starch, colours, &c.


611 ASKEW, C. 27 Charles St. Hampstead Rd. Inv. and Manu.—Model refrigerator, for cooling beer.

613 DAWSON, J. Distiller, Green Park, Linlithgow, Inv.—New distiller or rectifier’s recording close safe.

618 RANKLOW, H. B. Manchester, for Le FORESTIER AIX, Haye, Prop.—Model of a press for making wine, with improved gearing.


615 COPPER, T. 4 Providence Row. Finsbury Sq. Inv.—Refrigerator for cooling woods or condensing steam.

617 BALLAVER, A. F. & BANK Pl. Salford, Manchester, Inv.—Apparatus for the manufacture of pyroguloses. Patented.

618 HULL, J. High Wycombe, Manu.—Wheeler’s patent refrigerator. Wheeler’s patent condenser.

619 HILL, EVANS, & Co. Worcester, Prop.—Model of a patent vinegar apparatus, for aceticification without sulphuric, pyroguloses, or other foreign acid.

621 MASTERTON, J. & T. 33 Broad St. Ratcliffe, Inv. and Pat.—Apparatus for bottling and corking bottles.

623 THOMSON, YOUNG & Co. Des. and Inv.—Apparatus for the heating and cooling of worts in the process of fermentation.


630 CLAY, W. Liverpool, Inv. and Manu.—Bars of patent rolled taper-iron, for ships’ knees, masts-shafting, anchor shanks, anchor-stocks, and other purposes.

637 DARWENT IRON Co. Shottley Bridge, Newcastle, Manu.—Rolled malleable iron plates, used in the construction of marine engines and in the building of iron ships, 17 to 20 feet long. Rolled keel iron. A railway bar, measuring 66 feet 9 inches in length, &c.

638 PHILIPS, SMITH, & Co. Llanelly, Wales, Manu.—Series of specimens illustrative of the manufacture of tin plates.

639 SIRK & ODEN, Huddersfield, Inv. and Cleaner.—Drawings illustrative of patent and improved wool-cleaning machine. Samples of mohair and mohair wool, cleaned from the bur and mite, &c.

630 THOMSON, R. Woolwich.—Model of a sawing-machine.

630 THEZAN.

631 WATSON, H. Newcastle-upon-Tyne, Inv. and Manu.—Improved pulp strainer, for paper manufacturers.
## UNITED KINGDOM.

### CLASS 7. Civil Engineering, and Building Constructions.

<table>
<thead>
<tr>
<th>Number</th>
<th>Inventor</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>Gray, S. F., Euston Pl. Euston Sq. Inv.</td>
<td>Mode of a patent stationary fire-engine, to be fitted up within the pedestal of a lamp or other post, to improve Venetian perforated blind. New mode of paving roads, streets, &amp;c. by trams, on a new principle.</td>
</tr>
<tr>
<td>4</td>
<td>Green, B. B. 3 Arcade, Newcastle-upon-Tyne, Des.</td>
<td>Model of arch of the Newcastle and North Shields Railway, &amp;c. Models of monuments erected to the late Earl Durham and Earl Grey. Geometrical drawings of design for the proposed high-level bridge in stone and iron, at Newcastle-upon-Tyne.</td>
</tr>
<tr>
<td>6</td>
<td>Askew, L. 147 Regent St. Inv.</td>
<td>Blocks for building to cause equal distribution of pressure.</td>
</tr>
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<td>7</td>
<td>Bridgeland</td>
<td></td>
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<tr>
<td>9</td>
<td>Cole, W.</td>
<td></td>
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<tr>
<td>11</td>
<td>Askey, C.</td>
<td>Model of a bridge across the Wylfa, at Upton Lovel, Wilts: each parapet formed by tracing a beam of red pine, on the system of Herr Laves, of Hanover.</td>
</tr>
<tr>
<td>12</td>
<td>Chapman, J. Frona, Des. and Manu.</td>
<td>Model of a bridge across the Wylfa, at Upton Lovel, Wilts: each parapet formed by tracing a beam of red pine, on the system of Herr Laves, of Hanover.</td>
</tr>
<tr>
<td>13</td>
<td>Clark, C. E. Sea-side Hotel, Hastings.</td>
<td>Model of a proposed grand ship canal through the isthmus of Suez.</td>
</tr>
<tr>
<td>14</td>
<td>Allen, C. B. 13 Lower Perchere St. Hyde Park.</td>
<td>Model of a labourer's cottage, suggesting some improvements in construction for lessening the cost of such structures.</td>
</tr>
<tr>
<td>15</td>
<td>Watt, Wm.</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>West &amp; Gregson, Union St. Oldham, Des. and Manu.</td>
<td>Model station-meter for gas works. Experimental model and consumers' meter.</td>
</tr>
<tr>
<td>18</td>
<td>Martin, J. Lindsey House, Chelsea, Des. and Inv.</td>
<td>Design for the embankment of the River Thames.</td>
</tr>
<tr>
<td>19</td>
<td>Kestvorth, Capt. R.</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>The Royal Scottish Society of Arts.</td>
<td>A bar of iron, of superior quality, 3½ inches square, twisted into a spiral form by the action of the steam engine, while boring. Model of a suspension bridge, to prevent vertical oscillation. Model of a steam-boat.</td>
</tr>
</tbody>
</table>

80 Roodruck, J. J. Huddersfield, Prod. — Model of No. 4 skew arch of the Huddersfield viaduct, built in stone, over the Bradford Road, &c. |

81 Barnwood. |


83 Lowe, W. Belton, near Grantham, Inv. — Model of a portable bridge, for the use of an army in crossing rivers. |

84 Bain, C. |


86 Byrne, R. H. engineer, 10 Eccleston St. South, Pimlico, Modeller. — Model of a design for an iron-girder railway bridge. |

87 Hunt & Gandelli, 3 Prince St. Westminster, Des. — Model of a proposed bridge over the Thames at Westminster. |

88 Nicholson, E. |

89 Clive, J. H. 19 Stanhope Pl. Hyde Park, and Tunstall, Staffordshire, Inv. — An illustrative model of a bar-relief suspension bridge, to make a secure and cheap roadway over rivers, without wholly obstructing the navigation. |

90 Askey, C. |

91 Chapman, J. Frona, Des. and Manu. — Model of a bridge across the Elly, at Upton Lovel, Wilts: each parapet formed by tracing a beam of red pine, on the system of Herr Laves, of Hanover. |

92 Spong, J. Guildford St. Inv. — Registered scraper brush, and umbrella stand. Door and window holder. |

93 Doull, T. |

94 Grout, A. 8 Shepherd St. Tenter Ground, Putneyfields, Inv. and Manu. — Wire bridge for parks, &c.; all the weights borne by the hand-rail. |

95 Brut, P. Ipwich, Des. — Model for a proposed national harbour of refuge on the east coast of England. |

96 Gardiner, R. 3 Essex St. Islington, Inv. — Double cone blocks, or artificial hollow stones for building in water to any depth without damming, the cavities to be filled in with cement or concrete. |

97 Heath, C. E. Inv. and Manu. — Patent sub-marine helmet, dress, and other diving apparatus. |


99 Dewar, G. 16 St. Margaret St. Inv. — Proposed method of carrying off smoke by underground drainage. |

100 Herriot, C. M. |

101 Sadler, J. H. Leeds, Inv. and Pat. — A bridge for railway or other purposes, composed of a series of girders balanced upon piers, presenting singly, the appearance of the letter T. |

102 Natl, W. |

103 Osmond, C. 68 John St. Tottenham Court Rd. Inv. — Registered ventilator, and chimney-pot. Fire-escape, applicable to all the stories of a building at the same time. |

104 Horn, A. 39 Baker St. Fentonville, Inv. — Self-acting iron shutter. |

105 Humber. |

106 Hill, S. |

107 Bates, T. 9 Dometone St. Old St. Inv. and Manu. — Model of a frame and scaffolding, to open inwards, for being cleaned. |

UNITED KINGDOM.

Class 7. Civil Engineering, and Building Contrivances.

71 DOWDEN, T. & Co. Bermondsey, Man. and part Inv.—Model of the frame used in the construction of the Thames Tunnel.


72 M'CRAE, C. 110 Fleet St.—Models for shop fronts.

73 BOSCH, T. Edinburgh, Inv. and Des.—Model of an apparatus for shipping and unshipping the trains of the Edinburgh, Perth, and Dundee railway, at all states of the tide.

74 HARRIS.

75 JACKSON & CLAY, 21 Homer St. Lambeth, Inv.—Fire-escape.

75 JACKSON, C. W. Fire-escape.

75 SPILLVERS, Dr. Fire-escape.

76 ESSEY, H. H. Fire-escape.

80 HOOKS, T. 80 New Cut, Lambeth, Inv. and Manu.—Registered portable bed-room fire-escape.

82 WELLIS, G. Admiralty Office, Inv.—Telegraphic lighthouse, intended to prevent mistakes as to identity.

83 LAVANCEY, J. B. Adjustable scaffold observatory or fire-escape. Adjustable ladder. Wheelbarrow. Folding steps, &c.


86 BLAKES, G. Tottenham Court, New Road, Inv. and Improver.—Adjustable scaffold observatory or fire-escape. Adjustable ladder. Wheelbarrow. Folding steps, &c.


88 SMITH, W.

89 SMITH, G.

93 The Commissioners of Northern Lighthouses, Edinburgh, Mr. Alan Stevenson, Engineer—Revolving dioptric apparatus of the first order (same as that at Skerryvore). Fixed dioptric apparatus of the first order, invented by M. Preusel (same as that at the Isle of May, with various improvements). Model of the Bell Rock Lighthouse, lighted in 1811; executed according to the design and under the superintendence of Robert Stevenson. Model of the Skerryvore Lighthouse; executed according to the design and under the superintendence of Allan Stevenson. Model of balance crane, designed by the late Robert Stevenson, and used by him in the erection of the Bell Rock Lighthouse. Model of the apparatus of an intermittent light: designed by the late Robert Stevenson, and introduced by him at the lights of Tarbertness, Berrhead, and Mull of Galloway, on the coast of Scotland. Model of a lighthouse lantern, on the diagonal arrangement: designed by Allan Stevenson. Mechanical lamp of four wicks, in which the oil is kept continually overflowing by the means of pumps, which raise it from the cistern below; the rapid carbonisation of the wicks which would be caused by the great heat is thus avoided. Holophotial arrangement of lighthouse apparatus, prepared by Thomas Stevenson.

100 STEVENSON, T. 34 George St. Edinburgh, Inv.—Revolving light, with axial rotation. Ordinary parabolic reflector rendered holophotial (where the entire light is parallelised) by a portion of a catadioptric annular lens. Holophotial catadioptric annular lens apparatus. Small model of holophotial apparatus, acting by reflection and total reflection only. Holophotial apparatus, with parabolic strips.

101 TOOLEY.

104 HOPKINSON, Jos., sen.

147  Thorold, J. 21 Brunswick St. Blackfriars Rd. Inv.—Improved window-ash, with alarm and fire-escape.

148  Waley, J. 59 Greek St. Soho Sq. Inv.—Universal fire-escape.

150  March Engineer Co.

151  Allen, T. Clifton, near Bristol, Inv. and Manuf.—Model of registered fire-proof iron roof, showing the principle applied to a roof of 50 feet span.

152  Bennet & Co.

153  Whittstock, A. 494 New Oxford St. Mann.—Model of emigrants' house, made of Morewood and Rogers' patent galvanized tinned iron, corrugated. Furniture, &c. of the same, &c.


158  Cockett.

159  Kettie, R. Edinburgh, Inv.—Lamps, signals, lifeboats, fire-extinguisher, breakwater, &c. Mining and ventilating apparatus, &c. Rotating pendulum clock, stoves.

160  King, W. 8 Woodstock St. Bond St. Inv. and Mann.—Models of a floating breakwater and foundation for a lighthouse or place of refuge on the Goodwin Sands.

161  Haycroft.

165  Smith, W. H. 1 Royal Exchange Buildings, Inv.—Recip breakwater, &c. Lighthouse, applicable to beacons and marine batteries, in all depths of water. Tubular suspension girdler bridge, to prevent the vibratory action.

165  Lacy, H. G. M. F. & Bock, G. W. C. E. Inv. and Pat.—Wrought-iron railway sleeper.

166  Bell, W. 40 Pickering Pl. Paddington, Inv.—Suspension-bridges made ridged by girders attached to the suspension chain. Bridge of one arch, of 250 feet span, designed for ornamental waters. Roof of 400 feet span. Self-acting flood-gate.

168  Kenyeresky, Capt. G. A. Stirling, Scotland, Inv.—Self-sustaining suspension bridge, free from side oscillations, and having little deflection.

169  Newby, G. G. 7 Park Rd. Kennington, Inv. and Pat.—Two models of wrought-iron girders.

170  Newton, T. G. Newton, Montgomeryshire, Wales, Inv.—Model of a portion of the roof of Dolfor church. Model of a roof constructed with ribs of terra cotta. Model of stone, or of terra cotta, modelled finished.

171  Young, J. Gas Works, Selkirk, Scotland.—Model of coal-gas apparatus, constructed on a new arrangement.

172  Metropolitan Association.


176  Holmes, J. East Ham, Essex, Des. &c.—Two cottages in one.

178  Moorson, Capt. 17A Gt. George St. Westminster, Des. and Superintendent.—Model of a railway viaduct over the Nore, near Kilkenny. Model of prize design for the great bridge over the Rhine, to be erected at Cologne.

180  Rose.

181  McLachlan.

183  Daniel, W.

185  Beroun, M. O. S George St. Cork, Ireland, Inv.—Working model of a registered self-acting fire-extinguisher.

184  Mowry, J. J Beverley St. Fleet St. Inv.—Model for a new national fire-escape.

186  Webster, W.
UNITED KINGDOM.

CLASS 8. Naval Architecture, Military Engineering, Guns, Weapons, 

wark, Inv. and Mann.—Iron and zinc plate work: the anti-

loures, to assist the draught and prevent the downward 
current in chimneys, &c.

CLARK, G. D. 12 London St. Greenwich. Agent—

Iron castings for architectural purposes, in combination 
with, or instead of, bricks or stone.

CLARK, E. 448 West Strand.—Model of the Britannia 
Bridge, and of the apparatus used in raising the 
tubs. Engineer, R. Stephenson; model executed for 
C. Mars, Esq. by J. James.

DOUGLAS, W. H. Charing Cross, St. Holier, Jersey, 
Inv.—Patent wind-guard, for the prevention of smoke.

FRENCH & WILLIAMS, Windsor Foundry, Liverpool, 
Mann.—Model of a wrought-iron bridge to carry the South 
Wales Railway over the river Wye at Chepstow. Designed 
by I. K. Brunel, C.B.

FORSTER, J. 5 South John St. Liverpool, Inv.— 

Fountains, with pressure-flap attached. Household filters. 
Manufactured by J. & T. Hall, Derby.

FRENDON, M. Westbourne Park Rd. Paddington, 
Inv.—Regulator for ventilating shield-cowl.

GREENE, W. J. C. Thornhill, near Dewsbury, Inv. — 

A portable crane, to load or unload boats, carts, waggons, 
&c.

GRIFFIN, J. E. 289 Strand, Inv.—Model of a wind-

guard, to prevent chimneys from smoking.

HOLLAND, T. 43 South Audley St. Inv.—Improved 
brewing for kitchen boilers, &c., giving out hot and cold 
water, and filling itself. Improved shop shutters. Al-
mances.

MAXWELL, J. Stakeford Foundry, Dumfries, Mann. 
—Cast-iron bath-window for house-roofs. Another, with 
plate-glass. Cottage windows.

MACKENZIE, F. 4 Milton Ter. Vauxhall, Inv. and 
Mann.—Improved window to prevent the entrance of dust.

MILWAUKEE, J. Charlton-on-Medlock, Manchester, 
Inv.—Patent self-acting weather-board, for doors or French 
windows.

NEWBURY, G. J. 486 New Oxford St. Inv. and Prod. 
—An improved patent lever lock, invented by M'Kinnon of 
New York. Ventilator made of glass or other material. 
Dyed or molded glass lenses, scrolls, and ornaments. En-
graved glass for windows. Corrugated glass ventilators. 
Stained glass windows for churches, &c. New artificial 
stone, indurated and waterproofed. Coloured marble with 
devices. Window roller-blinds. Patent chiffronière counter 
and top of glass veneer, imitation of wood and marble. 
Patent silk, oiled on one side. Lycopodium. White velvet 
for painting; cotton cloth for envelopes, &c. Artificial 
leather for lining carriages. Dye painting on morocco, &c. 
Black damask leather for ladies' shoes. Textural glass. 
Marble glass and ventilating screens. Tracing-cloth, made 
by preparing book muslin with size.

RICHARDSON, J. 9 Woburn Buildings, Tavistock 
Sq. Dep.—Table of weights of wrought-iron, square, round, 
and hollow.

RICKMAN, W. C. 21 Park Side, Hyde Park Corner, 
Inv.—Rod level, for use in agricultural drainage. Portfolio 
brochure, for the purpose of holding portfolios, and exhibit-
ing their contents to advantage.

ROWE, F. P. C. E. 2 New Inn, St. Clement's 
Des.—Design for a wrought-iron girder bridge at West-
minster.

SQUIRES, W. Breakwater, Plymouth, Devon, Des. 
—Slatestone model of the breakwater in Plymouth Sound, 
with silver lighthouse and beacon, made for the exhibition 
under the directions of the Lords of the Admiralty. The break-
water was constructed agreeably to a report of the late John 
Rennie and of Joseph Whidby, master R.N.; the lighthouse 
designed by Walker and Burgess: with sectional and other 
models.

SACRED HARMONY SOCIETY, Office No. 6, in Exeter 
Hall.—Model of the orchestra of the Sacred Harmony 
Society. Exeter Hall, an amateur society established in 1822, 
for the performance of oratorios and sacred choral works, 
executed by Mr. Phidias Clarke.

TOWLES, W. 99 Holborn Hill, Inv.—Model of the 
surface or superstructure of London Bridge, with machi-
inery, &c. New system for washing and watering streets, 
&c.

WARD, T. Falmouth, Inv.—Model, to illustrate a 
method of preparing foundations, and building under water, 
to supersede the use of the diving-bell, codders, &c. 
Diagram, explaining the method of building hollow or solid 
columns.

WAIT.—Machine for making boots and shoes.

WOODS, F. F. 5 Pelham Ter. Brompton, Mann. 
Inv. and Pat.—Patent union paving, for roads; designed 
to create less noise, less mud, and be less slippery than wood-

CLASS 8. Naval Architecture, Military Engineering, 
Guns, Weapons, &c.

4 PARSONS, W. Swaffham, Norfolk, Mann.—Improved 
double guns. Loading rod and socket, &c.

6 SCOLLER, J. 65 Argyle St. Glasgow, Inv.—Fog 
signal-light, for shore and ship signals.

8 SLATER, W. 329 High St. Wapping, Prop.—Im-
proved patent copper powder-barrel, which preserves gun-
powder in perfect safety against fire and damp.

7 TYLER, H. A. Capt. Woolwich, Mann.—Models of 
British ordnance.

and Inv.—Model of a war-engine, able to fire 9,900 charges 
of ball-carpidges in ten minutes.

—Models of tents, marqueses, and drill cloth.

12 RICHARDSON, R. 21 Tombridge Pl. New Rd. 
Mann.—Garden, fishing, sheep, and rabbit nets, &c. 
Transparent sheeting. Prepared waterproof cloth, tarpanals, 
&c. Painted block-printed and waterproof canvas. Models 
of iron houses. Wire netting.

13 BEARE, R. 11 Warwick St. Woolwich, Inv.— 
Two magazines for the resistance of water, applicable for 
power, or any maritime purpose.

14 JOYCE, F. & Co. 97 Upper Thames St. Inv. and 
Mann.—Improved anti-corrosive waterproof percussion 
gun-caps. Percussion tube primers. Chemically-prepared 
gun waddings. Patent wire cartridges, &c.

15 CAYE, L. & CAYE, E. Bentinck St. St. James's, 
Inv. and Mann.—New gun charge or cartridge for expeditions 
loading.

16 BRIDGER, J. 4 Clifton Cottages, Denmark St 
Camberwell, Inv. and Mann.—Telescope loading rod for 
fire-arms.

15 BRIDGER, J. 4 Clifton Cottages, Denmark St 
Camberwell, Inv. and Mann.—Rifle mallet for hot climates.

16 SMITH, W. 41 Gracechurch St. Inv.—Gun wads.

—Specimens of inlaying and engraving on the iron work of 
guns, &c.

15 GARDNER, W. T. 22 Mead Row, Lambeth, Inv. and 
Mann.—Model of a ship's gun loaded at the breech.

15 KING, T. J. 16 Whakin St. Des.—Pistols inlaid with 
gold and silver. Small iron scent-bottle, inlaid with silver.
LILLYWHITE, J. Frederick St. Portsmouth, Manu.—Metal model of a gun of 95 cwt. with carriage and slide.

15. GIBBS, G. A. Clarke St. Bristol, Inv. and Manu.—Improved registered double-barrel gun, with a protector against wet.

16. BAKER, T. K. & E. 88 Fleet St. Inv. and Manu.—Apparatus for preventing accidents from flint-arms.

17. MUNRO, J. Jun. 4 High St. Lambeth, Manu.—Models of brass guns, gun-carriages, and limbers.

18. ARNOLD, H. Hertford, Inv.—United service powder and shot flask. Improved egg boiler.

19. GRAYDON, H. Wolverhampton, Manu.—Tubes and barrel-action guns and rifles, &c.

20. BUCKLAND, J. Greenwich, Dgn.—Iron steamers, propelled by two screws.

21. SQUIRE, W. Cottage Grove, Mile End, Inv. and Manu.—New rifle, calculated to project a ball to a great distance with a small charge.

22. FOSTER & Co. Leicester St. Leicester Sq. Inv. and Manu.—Patent safety gun, &c. Original percussion gun, as invented by Forsyth, containing a reservoir of percussion powder.

23. EREINS, J. Newton Stewart, Scotland, Inv. and Manu.—Two guns, newly invented to prevent accidental discharge, with complete waterproof for the cap.


25. PEGG, J. 30 Langham Pl. Inv.—Model, showing eight different modes of fortification on a new system.


33. THOMPSON, J. & W. Birmingham, Manu.—Illustration of gun-barrel manufacture; rifles, guns, pistols, air-guns, &c.

34. ROBINSON, A. 15 Hampden St. Harrow Ed. Paddington.—Best Damascus guns barrels.

35. MOLE, R. Broad St. Birmingham, Manu.—Gilt mounted sword, blade of finest cast steel; highly mounted Mamaluke sword & officers' regulation swords. Matchets of best cast steel for America. West Indies, &c.


37. REEVES, G. & Co. 38 Bartholomew St. Birmingham, Manu.—Officers' dress sabres and field-swords.

38. HART, H. 54 New Canal St. Birmingham, Manu.—Guns and pistols.—Specimens of gun-barrel manufacture in every state, from the old horse-nail stubs of earliest period to the latest improvements.


41. WALKER, B. & Co. 19 Leamington, Manu.——Specimens of percussion caps; metallic gun-wadding; gold, silver, and steel pens; and ladies' dress fasteners.

42. OSBORNE, C. 1 Lichfield St. Birmingham, Manu.—Improved central-fire double guns with chain-twist barrels; bar-slides, double, and single guns; tube single gun; large single gun, with Col. Hawk's improved ignition; improved alarm gun, pistols, &c.


44. DOWLING, G. 15 Canal Ter. Caledonian Rd. Islington, Den. and Manu.—Cornish fishing boat.

45. POWELL & SONS, Carr's Lane, Birmingham, Manu.—Double-barrelled rifle and gun; pistols; improved safety trigger guard; pair of lock actions, &c.

46. WRIGHT, H. 53 Cleveland St. Birmingham, Inv. and Manu.—Swords, in a variety of materials, improved tinned iron, &c. Skewers, ladies', ladies', knife, tape, neck, joint, tablets, name plates, new form and material. Safety guns.

47. HICKS, J. 31 Frith Street, Soho Sq. Inv. and Manu.—Double gun, with safety; on a new and simple principle.

48. MASON, I. Monk Bretton, near Barnsley, Inv.—Patent alarm-gun for the protection of property and game.

49. DAVIS, J. 1 Dovedale Rd. Northcote, Inv. and Manu.—Improved screw for the sling of the bayonet for the ramrod. New system of music, and general instructions for the pianoforte, organ, pedal harp, &c.

50. DAVIDSON, D. Captain, Bombay Army (per C. H. Davidson, Haddington), Inv.—Rifles and pistols, with telescopic sights, and bored for grooved bullets.

51. KEELER, E. M. New Oxford St. Manu.—Improved guns, rifles, pistols, air guns, &c.

52. BULL, J. Bedford, Manu.—Double-barrel gun, with the modern improvements.

53. RIDGE, W. & J. 24 Suffolk St. Dublin, Manu.—Guns and rifles, double and single; rifle and revolving pistols. Parts of guns in unfinished state, &c.


55. LEIGHT, W. & C. 20 Broad St. Golden Sq. Inv. and Manu.—Illustrations of the manufacture of patent wire cartridges and percussion caps. Gun wadding.

56. LANG, J. 7 Haymarket, Manu.—Guns, rifles, pistols and revolvers. Patent walking-stick gun, with rifle and shot barrels, &c.


58. BAXTER, J. & R. Wolverhampton, Manu.—Specimens of gun manufacturing. Double gun-tube locks; double rifle-locks; musket percussion-locks, &c.
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67 Esa, T. 73 St. James' St. Mann.—A central fire double and other guns. Specimen of the manufacture of a gun barrel, &c.

68 Beckwith, H. 56 Skinner St. Secowhill, Mann.—Powder and blunderbusses, and other fire-arms.

69 Bentley & Son, 12 South Castle St. Liverpool, Inv. and Mann.—Double patent central fire percussion guns.

70 Woolf, T. Hertford, Inv. and Mann.—Simply constructed single gun for countries where there are no gun-makers.

71 Woodward, J. 64 St James's St.—Fowling piece, with detached water-proof lock.

72 Esa, H. 1 Piccadilly, Mann.—Self-priming and double-barrel copper cap fowling pieces.

73 Golding, W. 27 Davies St. Berkeley Sq. Inv. and Mann.—Double sporting guns, with improvements.


75 Moore & Gray, 78 Edgbury Rd. Mann.—Double fowling pieces, two-grooved rifles, and pistols.

76 Hawkes, P. Col. Longparish House, near Whitchurch, Bants, Inv.—A stanchion gun, with improved water-proof ignition, forged and stocked on a new principle. Models of doubled pants containing gun, gear, &c. for wild-fowl shooting.

77 Potts, T. H. Haydon Sq. Minoris, Inv. and Mann.—Double-barrel guns, with improved breeches, bolted triggers, &c. Instrument for breaking the breeches, to be patented.

78 Jenness & Co. 56 Conduit Street, Mann.—Specimens of military officers' cap-plates, breast-plates, buttons, and naval fancy and livery buttons.

79 Cox, J. George Mills, Edinburgh, Mann.—Samples of gelatine and gun. Swimming stockings, and safety swimming swan, to assist persons in shipwreck.

80 Laidlaw & Morland, 17 Jermyn St. St. James's, Des. and Inv.—Officers' infantryman's cap of papier-maché. Private's helmets.

81 Wilkinson & Son, 27 Pall Mall, Mann.—Illustrations of the manufacture of gun barrels and sword blades.

82 Witton, Daw, & Co. 57 Threadneedle St. Mann.—Rifles for India and Africa. Fowling piece. Dueling pistols.

83 Poole, R. 28 Poland St. Oxford St. Des.—Design for a military cloak coat.


85 Hawkes & Co. 14 Piccadilly, Inv. and Mann.—Military and other head dresses. English military accoutrements. Embroidered banner.

86 Joubert, P. 13 Peter St. St. Heller, Jersey, Inv. and Mann.—Carriage-gun, with short barrel, embossed and inlaid with gold and silver, &c.

87 Berktou, J. Hoxton.—Improved military knapsack, belt, and pouch.


89 Martin & Son, 6 Dover St. Piccadilly, Mann.—Double guns, double rifle, and duelling pistols, and apparatus.

90 Corton, J. Erectheum Club, St. James's Sq. Des. and Inv.—Model of a sailing vessel and life-boat, constructed and propelled on new principles.

101 Lancaster, C. W. 151 New Bond St. Inv. and Mann.—Guns and rifles with elliptic smooth bore, twisted or spirally inclined. Elongated conchusion shell, &c.

102 Southwood, J. King Cross Lane, Halfax.—Three models of a blasting gun. No. 1. For blasting downwards. No. 2. For lifting perpendicularly. No. 3. For cutting sideways or forwards.

103 Duttnor & Co. 6 Pinbury Pl. South, Des. and Mann.—Aerial tent. Registered portable umbrella tent.

104 Edmondson, B. 2 Duke St. London Bridge, Inv. and Mann.—Tents. Stoves and cooking apparatus for tents. Trophy of flag.

105 Ansell, C. Tottenham, Des.—Gunning punt, with water-tight bulk head and mast, for wild-fowl shooting on the coast. Stanchion gun, with improved India-rubber recoil spring.

106 Hills & Co. Nelson Dock, Rotherhithe, Inv.—Model of a merchant ship, with diagonal frame timbers.

107 Bonnor, F. 18 Salisbury St. Strand, Prop.—Model of a ship's deck with main and top masts, formed by small pieces of wood.


109 Grant, J. Orange Ct. Liverpool, Inv.—Model of the section of an iron ship, wood sheathing, &c.

110 Greek, Blackwall.—Model of the "Owen Glendower" East India man, built at Blackwall.

111 Henderson, J. Peterhead, Scotland, Inv.—Model of a steam or sailing vessel, with improved screw propeller.

112 Hedley, G. Yorke St. Monkwearmouth, Sunderland, Mann.—Model of a merchant-vehicle of the first class, to rank A 1 at Lloyd's, fitted with Hughes's new windlass and steering apparatus, &c.

113 Hall, J. Bowley, Bow, Middlesex, Prop.—Models of a ship's rudder, and a plan for wearing a ship without a rudder.

114 How, H. Victoria Cottage, Kingston, Portsea, Des. and Mann.—Model of a 15-gun brig, on a ship for launching.

115 Howe, J. Newcastle-upon-Tyne.—Model of a clipper ship, merchant schooner. Complete main working order.

116 Layfords, J. Gipsy manse, Hants. Maker of Sails.—Model of a brig yacht, 450 tons, spars and sails.

117 Moore, W. F. Plymouth, Devon, Mann.—Half model of cutter yacht, Pixy, and of schooner yacht, Halcyon.

118 Pilgrim, J. Goole, Leeds, Inv.—A wrought-iron hawse for wood-built ships: being tubular and watertight, assists in ballasting vessels when clear of cargo, by opening a valve to admit water, &c.

119 Simons, W. Greenock, Scotland, Des. and Mann.—Model of a screw frigate. Model of a yacht.

120 Smith, T. & W. Newcastle-upon-Tyne, Prop.—Model of the merchant frigate Blenheim, built at St. Peter's Dockyard, Newcastle-upon-Tyne.

121 Smith, J. Whitstable, near Canterbury, Inv.—Patent pillar and screw apparatus, for preventing ships from logging, and for restoring logged ships to their original shape. Patent.

122 Pile, J. Johnson & Co. 74 Market Pl. Whitehaven, Inv. and Mann.—Ship screws.

123 Stevens, T. New Court, New St. Southwark Bridge, Inv.—Model of a ship, with improvements.

124 Smith, H. 296 St. Peter's St. Rotherhithe, Mann.—A built model of the barque "Ealing Grove."

125 Tollew, G. R. Mistley, Manningtree, Essex, Inv.—Model of a ship's hull, of parabolical form.

126 Turnbull, R. South Shields, Des.—Model of the
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Class B. Naval Architecture, Military Engineering, Guns, Weapons, &c.

bail of a merchant ship, of 537 tons O. M., built according to Lloyd's.

161. LAMMORT, C. Workington, Des.—Model of one of Lindsay & Co.'s line of ships to Calcula, 300 tons register.

162. TAYLOR, A. 8 Upper East Smithfield, Inv. and Pat.—Patent storm sails.

166. ADMIRALTY MODELS FROM SOMEWHAT HASS.—Whole models of ships belonging to the Royal Navy. Series of half-models of ships of war, fitted with screw-propellers. Series of half-models of sailing ships. Series of half-models of experimental brigs. Models of bows, sterns, and transverse sections.

189. ALDRIDGE, L. 57 Long Acre, Inv.—Model of a first-class frigate.

187. BOWDEN, W. C. Totnes, Devon, Des. and Inv.—Model of Princess Royal, 120-gun ship, made of wood and card-board.

191. Waton, T. 79 Provost St. Hoxton.—Model of a plan for the correct measurement of tonnage in ships, steamboats, &c.

173. How, H. M. T. Town, Sheerness, Des.—Model of a corvette of 50 guns, regularly built, fitted, armed, and rigged.

174. HARRIS, W. S. Plymouth, Inv.—Practical models illustrative of the system of lightning conductors employed in Her Majesty's ships.

176. MCLEAN, W. 74 High St. Camden Town, Mann.—Model of an 80-gun ship, fully rigged, &c.

178. RUSSELT, J. 16 Portland Pl. Dover, Mann.—Model of a 50-gun frigate, armed and rigged.

179. TUNTHORPE, B. Whalley, Yorkshire, Mann.—Models of a 74-gun ship, of the time of Lord Nelson, and of the steam-ship Phaenix.

181. WING, T. J. 6 Cowes, Isle of Wight, Des. and Mann.—Four models for the entire navy, from one design. Frigate and corvette on parabolic sections. Beating-up ship. Work on naval architecture illustrative of the whole.


184. WING, T. J. & R. West Cowes, Isle of Wight, Inv. and Des. and Mann.—Model of the steam-ship Vassalle Tigaret, built for the Turkish Government. Designed for a 50-gun frigate, and for the first transatlantic steam-ship; Medina steam-ship. Design for an ocean steam-ship of 3,000 tons. Steam-ship Vesta, built for the Peninsular and Oriental Company. Models of life-boats. Screw, steam, and sailing ships of 2,500 tons, &c.

185. BOWDEN, T. 37 St. George St. Westminster, Inv.—Model of ships constructed on the wave principle: War steamer, with paddle-wheels, constructed by Robinson and Russell, at Mill Wall, showing the new system of armament. Sailing corvette, on the wave principle, proposed by Capt. Fiebours, and constructed by Dr. Phipps, &c.

187. LAMBERT, J. Sunderland.—Model of the ship "Victory", 1,030 tons, belonging to D. Dunbar and Sons, of London, built by J. Laini; model made by T. Hardy.

189. WELLS, J. Louthert Castle, Wareham, Des.—Model of a 12-gun brig of war, on peculiar scientific principles, calculated to insure fast sailing.

190. BROOKES, H. 48 Mornington Pl. Hampstead Rd. Prop.—Patent steam-tug, for handling vessels on canals or narrow rivers, having neither paddles, wheels, nor screw propeller.

197. CLARKE, J. A. 7 Hamilton Sq. Birkenhead, Des.—Model of an improved steam vessel intended to possess all the qualities desirable in a good sea-boat, and for carrying weight at an increased speed.

201. DICKERSON, T. Blackwall, Des.—Models of war steam-vessels: Vindemere, built for the Emperor of Russia; H. M. screw steam-vessel, Sharpshooter; steam-packet, Wonder; iron cutter yacht Mystery; Earl Spencer, one of the last passenger sailing-packets that plied between London and Gravesend, built 1796; H. M. Fairy, screw steam-yacht, 1804. wrought-iron extension, to supersede entrance gates to the new docks at Woolwich.

202. ELiAM, W. School of Des. Sheffield, Des.—Figure-head, for the yacht Fairy Queen, belonging to G. P. Naylor, Esq. Sheffield.

204. HALL, W. E. Moreton, Bideford, and 55 Gt. Marylebone St. Inv.—Apparatus for the application of the Catarine curve to the line of ships. Model of an 18-gun brig or corvette. Series of diagrams, illustrating a theory of naval architecture. A scale, a kind of vase made of a mixture of mutton fat and lard, decorated with wax flowers.

205. INGHAM, J. Church St. Blackburn, Inv.—Improved steam-paddle.

206. RODGERS, T. Greenock, Scotland, Inv.—Models of fan propeller, variously applied.


209. MARSH, B. Brompton Post Office, Inv. and Des.—Models of an aeroplane, of a self-acting life-boat, &c. Section of ship's deck, with concealed fastenings.


211. ONCOC, J. Great Yarmouth, Inv.—Improved boat for sporting or shooting.

211. MUMPORD, W. T. 19 Edward St. Deptford, Inv.—A model of the paddle-box of a steam frigate of 600 horse-power, with wheel and paddle-box boat. Model of a gun-carryage for working a gun at a bow, broadside, or stern-port.

212. PASCAL, E. Blackwall, Builder.—Model of the Jupiter steam-boat, running between London and Gravesend, built by Millar, Banstall, & Co.


215. REED, J. Silver St. Stockton-on-Tees, Inv.—A life-boat, riding itself under all circumstances, without the aid of an iron keel or deadweight of any kind.

217. ROSCOE, J. Gateshead, Newcastle, Prop.—Model of an iron steam-tug or passenger-steamer, being the first used for towing on the Lower Thames.

218. ROYSE, M. W. New St. Edinburgh, Inv. and Pat.—Model of a steam vessel, with improvements in propelling and navigating.

219. SLOCOMPT, R. Devonport, Des. and Prod.—Specimen of naval architectural drawing, and original design, representing the profile and bow of a war steam-ship of 500 horse-power.

220. SLOPEFIELD, E. A. R. N. 9 Fortess Pl. Connaught Sq. Inv.—Model of H. M. brig "Flying-Fish," fitted with a screw-propeller, to be worked by the capstan; also gearing for connecting the screw-shaft with the chain-pumps. An anchor without a stock, and both flukes taking the ground, when in use.
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253. Jeffery, Walsh, & Co., Limehouse, Inv.—Specification of patent marine glue, showing its utility in naval architecture, and its durability and cleanliness. In the construction of made-masts, it admits of small seasoned Spanish oak, or northern timber, being used instead of yellow pine.

259. Pyx, J. 52 Threadneedle St.—Model of a submerged paddle-wheel, for propelling vessels, to work wholly or partially under water.

260. Baillie, R. 118 Wardour St, Soho, Inv.—Model of a vessel, with improved rigging, mast, and sails for a fore-and-aft rigged vessel. A safety chamber candlestick, with stopper-matched box, save-all, &c.


262. Batley, J. Middle St, Deal, Man.—Model of a Deal lugger of 20 tons.

263. Bowes, W. W. Claremont Villas, St John's, Fulham, Inv.—New life-boat, with cells, &c. of gutta percha.


266. Ellis, F. A. Commander, R.N. Gt. Yarmouth.—Model of a yacht, with a sliding keel, to enable her to go up shallow rivers and over bar-harbours. A method of lowering the mast. A projecting bow, &c.

267. Ells, F. A. Great Yarmouth, Norfolk, Inv.—Model of a vessel. New sliding-keel; and plan for lowering or raising the mast with two hands.

268. Drewry, J. Hartlepool, Inv.—Model and plan of a ship and shore sheet-iron life-boat, to recover herself when upset; provided with a cabin, water tight.


271. Fawcett, F. Mount Pleasant, Douglas, Isle of Man, Prop.—Model of life-boats, on the twin-principle, completely devided over, and divided into twenty air-tight compartments, which can neither be swamped nor upset.

272. Gale, G. H. 38 Wind St, Swansea, Inv.—Hydrostatic apparatus for life-boats, ships, &c. made of gutta percha. A life or surf-raft or boat, &c.

273. Gale, J. & R. Whitby, Inv. and Manx.—Model of life-boat, emptying itself, when full of water, in the short space of four seconds, by means of two apertures in the bottom.

274. Twymen, H. Ramegate, Manx.—Model of a lugger used on this coast for rendering assistance to vessels in distress.


276. Henderson, M. 6 Moor St, Sunderland, Manx.—Model of a pilot boat, such as ply out of the port of Sunderland, with its cars, sail, and other appendages.

277. Montague, The Right Hon. Lord, 7 Park St, Westminster.—Model of a curragh (currage), or light row-boat, portable by one man; used for fishing on the north-west coast of Ireland.

278. Hulton, W. Walmer, Deal, Inv.—Model of an apparatus for propelling a line to a vessel in distress at a distance from the shore, with wicker boat to travel on a lawyer from the shore to the vessel, &c.

279. Hughes, J. Sunderland, Inv.—Model of steering apparatus. Model of masting-shears, capable of lifting a boiler of 30 tons weight, and adapted to put masts into ships.


283. Plenty & Fowle, Newbury, Berks.—A life-boat, of wood, cork, and tarred yarn.


285. Ross, J. T. Regent St, Leith, Dea.—Model of a Roman war-galley (Quadrireme), illustrative of Mr. Howell's theory of the Polycratic, that the "banks" were reckoned in the direction of the galleys' length, and not from the number of tiers. Design for boat, &c.

286. Shaw, J. Gloseop, Inv. and Pat.—India rubber air-gun; the requisite pressure of air for one discharge being procured instantly at the pull of the trigger. Patent valve-bugle: the valves applicable to all brass instruments: the patent is now being worked by J. Köhler, Henrietta Street, Covent Garden.

287. Sleaux & White, Whitby, Inv.—A life-boat and carriage, not liable to upset on being struck by a sea on one side. Jet, from Boulton Alum Works, for making brooches, bracelets, necklaces, rings, &c.

288. Sparrow, R. Westford.—Life-boat model on an improved principle.


290. Totty, G. East Hill, Hastings, Manx.—Model of the new class of fishing lugger, built at Hastings, representing a decked boat of 37 tons burthen.

291. Allan, J. H. 9 Leadenhall St, Prop.—Model of a South Shields coble. Model of truss-work, introduced by Sir R. Seppings for the internal fastening of ships, and on the same principle as the girders of the Exhibition Building.

292. Anderson, R. Westoe, South Shields, Inv.—Small pattern life-boat, clinker-built, fitted with air-light ceiling, feathered and grooved up to her gunwales; she has a well holding 44 gallons of water for ballast.

293. Bateman, J. 101 Upper St Salington, Inv. and Pat.—Patent life-boats for 30 persons, and for six persons.

294. Dawson, J. T. Streatham, Inv.—Boat, built of wood, coated on both sides with a compound of gutta percha and India-rubber. Accoutrements made of the above, and of a waterproof japanned fabric.

295. Hubbard, C. Dickleburgh, near Scole, Norfolk, Inv.—Gutta percha portable boat, for crossing detached inland waters. Miniature working model of a portable winch, for climbing precipices. Case of ornithological specimens.

296. Divry, W. Hammersmith, Inv. and Builder.—A rigid portable expansive boat.

297. Noulton & Wyld, For St. Lambeth, Manx.—London outrigger sculling boat, for racing; the body in one plank, from head to stern, without a join or seam. Model of an eight-oared shallop, with oars.

298. Searle & Sons, Stangate, Lambeth, Manx.—Model of the state barge of the Lord Mayor of London. Fair-oared gig.

299. Westrell, A. Lambeth, Manx.—Racing boat,
built of mahogany and maple. Light gig, built of mahogany, maple, and chestnut. Registered life-boat.

302 Allon, J. Dorset, Inv.—New patent safety anchor.

303 Allison, W. J. 86c Nottingham Pl. Stepney, Inv.—Improved steering wheel to prevent accidents at sea.

305 Baird, J. R. 210 Strand, Inv.—Method of lowering a ship's boat.


307 Breton, Rev. E. L. Farnham, Hants, Inv.—Perpetual log, for indicating the speed and leeway of ships; patented. Clinometer, for showing the list and trim of ships; patented. Collapsible life-boat.

308 Beresford, J. Liverpool, Man.—Model of ship's windlass, with patent propeller. Patent anti-friction sheaves.


311 Chapman & Taylor, 7 Clarence Villas, Hackney, Inv. and Man.—Brass models of patent abrout blocks, by a pair of which a man can raise three tons. A patent portable screw winch, for setting up ships rigging, &c.

312 Cotterill, J. 19 South St. Lambeth, Inv.—Windlass to raise ships' anchors.

313 Dempster, H. 1 Cannon St. Hambrook Pl. Leith.—Drawing of a simple telegraph, being a system of sea signals by means of colours. Mast with model flag.


315 Osmond, Gt. Yarmouth, Inv.—Grappnel shot, &c., to assist the shipwrecked mariner. The joint invention of S. Bradbeer and O. Duffield. Improved masticating knife, with fifteen blades. Improved trusses for hernia.

316 Dutton, S. 19 Durham St. Southsea, Inv.—Model rotary pump, calculated to draw 10 cwt. of water per minute. Fire-escape, in form of a dressing-table, the top of which will act as a lid.

317 Edills & Marshalls, City Sew Mills, Regent's Canal, Man.—Bothway's internal iron-strapped ships' blocks.—Registered, with specimens of those at present in use.

318 Etherick, A. High Barnes, near Sunderland, Inv.—Model exhibiting a new method of launching a long-boat of a merchant or other vessel. Portable punching, slotting, and stamping apparatus, of novel construction. Bogle, or timber-lifting apparatus. Improved travelling block or portmanteau, registered.

319 Exall, W. Reading, Inv. and Man.—Anchor without beam or stock, and having three flukes or grapples, all of which will hold at the same time.

322 Gilbert, E. Falmouth, Inv.—Registered marine signal lamp, which yields a light equal to a blue light.

323 Greaves, 54 St. George St. East, Inv.—Safety-plate for the aperture of a ship's scuttle.—Registered.

324 Harvey, G. Yarmouth, Inv.—Ship's fire-hearth, of wrought-iron.

326 Brenchley, T. 11 King St. Tower Hill, Inv. and Man.—Improved ship's binacle, with reflecting lamp, which can also be used as a signal-light.

328 Hotnells, J. 43 Cornhill, Pat.—Porter's patent anchor, which have been submitted to various tests by order of the Right Hon. the Lords Commissioners of the Admiralty.

333 Horwood and Amersham, 184 St. George St. Wellingoe Sq.—Brass registered side scuttles, for light and ventilation of ships, &c.

335 Jackson, J. Union Row, Minorvies, Man.—Boat binacle containing compass and lamp.


339 Ladd, C. P. 10 Walcot Pl. Lambeth, Des. and Inv.—Marine swing table to prevent breakage of glass and spilling of liquids at sea in rough weather.

341 Long, J. P. Grade Yarmouth, Inv.—Model of a new plan for paddle-wheels of steam-vessels. Improvement for adjusting the rigging of vessels, &c.

342 Lyons, O. 3 Britain St. Forres, Inv. and Man.—Screw propelling rudder.


346 Murta, G. F. M. T. Limehouse, Inv.—Patent ship's anchor-shackle, winch, etc. Wrought-iron stay mooring chain. A patent flat pit chain or band.

347 Parry, W. 455 Oxford St. Inv.—Bell buoy for warning vessels of danger.


356 Roebrooks, J. Limehouse Hole, Poplar, Man.—Cordage of Russian and Manilla hemp, and New Zealand flax. Fog or alarm signals. Raper's slide tiller.

362 Salters, J. West St. Commercial Rd. Inv. and Man.—Model of improved ship's capstan.

365 Small, W. 18 Charterion Ter. Woolwich, Inv.—Anchor, which can be taken to pieces and stowed in one-third less room than an ordinary anchor.

364 Sutch, S. Ship Yard, Waterford, Des.—Spring machine for modelling ships of any form or dimensions.

365 Taylor, Janet, 104 Minorvies, Man.—A bronze binacle, with compass, designed from the water lily.

367 Thompson, T. Commander, R.N. 3 George St. Leith, Inv.—Safety-plug, for boats and vessels, constructed of gun-metal or brass.


370 Spencer, E. 116 Fenchurch St. Man.—Water tight trunk, capable of sustaining 15 persons in the water.

373 Young, Dowson, & Co. Poplar, Man.—Improved rudder fastenings, which can be refitted on board.

374 Riordon, J. Lieut. E. N. 6 Harley Pl. Inv. and Man.—Model of lanyard-plates, to set up standing rigging of the ship's lieu of rope lanyards and dead-eyes.

381 Brooke, J. Maryport, Des.—Figure-head : Ceres, picking up the veil of her daughter Proserpine.
UNITED KINGDOM.

Class 9. Agricultural and Horticultural Machines and Implements.


Brew, M. Talbot, Woodbridge, Inv.—Revolving masts, &c., with an improved method of securing the mast by an open octagonal pyramid, rising from the vessel's deck. Method of ballasting vessels with the revolving rig, particularly narrow ones, such as screw steam-sailing frigates, sloops, &c. 

Clark, T. C. 111 Strand.—Life boats, formed of cork, &c. 

Lee, T. 4 Bread St. Hill, Des. and Manu.—Improved life-preserver, or swimming belt, sustaining the wearer in an upright position. 

Leam, E. 216 High St. Wapping, Inv. and Des.—Life belts and buoys. Life boats. Yachting jackets to support the body in the water, &c. 


Green, W. Birmingham, Inv. and Manu.—Double guns and rifles; harpoon gun; rocket gun and lines for saving lives from shipwrecks; patent stanchion gun for wild-fowl shooting; military musket, and rifle. Laminated steel, &c. 

Hill, A. A. 18 Manchester Buildings, Westminster, Inv.—Patent cork-driving apparatus and weir-bottle. The caisson, or life-boat, composed of waterproof canvas cylindrical cases, filled with bedding, provisions, &c. Sliding candle-lamp. Chemical vases, showing the application of oil to the disinfection of noxious matter, by confining the effusiveness under water, or directing its escape through a tube into the air. 

Scoul, J. 126, High St. Wapping, Manu.—Holy's safety boat. Life girdle. Safety windlass. Captain Cook's quadrant and compass, the identical instrument used by that celebrated mariner in his voyage round the world. 


Cooper, E. G. 56 Westbourne St. Pimlico, Inv. and Manu.—Registered swimming glasses, with lenses between the fingers, and air-case on the back, to assist swimmers. 

Mariners' Friend Society, 56 Fenchurch St. Inv.—Models of stations for affording assistance in case of wreck. Life belt, &c. 


Reyns, W. G. Ross, Hereford, Inv.—Model of marine life-preserving deck seat, so constructed that in three minutes it can be changed into a safety raft, capable of sustaining eight people on the water. 

Coles, C. 1 Great Albion St. Goodman's Fields, Whitechapel, Inv.—Apparatus for the recovery of drowned persons. 

Clayton, B. 9 Gresham St. Inv.—The swimming-globe, designed and formed after the web-footed shape. 

Cox, A. G. Citadel, Hull, Inv. and Manu.—Pocket apparatus and sea service rocket apparatus, for throwing a line to a stranded ship. Self-acting life-buoy, by means of which the lives of nearly 600 persons have been saved since 1859. Self-adjusting cork life-belt. Alarm-signal, for the protection of houses, &c. 

Royal Humane Society, Prop.—Ice-boat, presented to the Society by the one established at Hamburg. Breaker ladder; ice sledge, drag, and other apparatus, for saving drowning persons. 

Lever, J. Bridge St. Bristol, Inv.—Models of a floating buoyant settee, for the deck of passenger steamers. 

Archer, F. 129 Strand, Inv. and Manu.—Patent float, or invisible life-preserver, and swimming-belt. Models of life-boats and portable boats. 

Trower, J. 111 Fore St. Devonport, Inv.—Rotary sprinkler, for watering roads and streets, or using liquid manure. Portable life-boat or raft, applicable to vessels which carry many passengers. 

Smith, Mowbray, & Co. Glasgow.—Reverberating compressed air alarm, for use on board ships, during a fog. Invented by T. Lee, Stockport. Lee's safety valve and water indicator. 

Smith, G. A. 29 May's Buildings, Inv.—New propeller to work without noise, with direct forward and backward draught. 

Class 9. Agricultural and Horticultural Machines and Implements.


2. Guest, J. Bedford, Inv. and Manu.—Steam carriage, for turnips or mangels-wuzels, with manure. Eight-row cup drill, for corn and seed. 

3. Drake, T. 

4. Smith, A. K. 

5. Addinsell, J. Perry Hill, Sydenham, Kent, Inv.—Machines for moulding drainage pipes, tiles, bricks, &c. Model of a kiln. 

6. Barley, T. 3 Green St. Bedford Row, Inv. and Manu.—Model of a newly-invented five-wheel double plough, without chip or coulter; to be used either for skimming or ploughing. 

7. Stoy, J. 


12. Harvey & Tate, Bishaven, Scotland, Inv. and Manu.—Clydesdale tilt-cart, for farm use. Farm kitchen fire-place crane. 


15. Cartwright, A. F. 


17. West, W. Stockwith, Gainsborough, Inv. and Manu.—New pea supportor. 

18. Ramsey, J. Berwick-upon-Tweed, Inv. and Manu.—Beehives, with moveable bottom and crown; with glass crown and moveable cover, &c. 


20. Wilkie, J. & Co. Uddingston, near Glasgow, Scotland.—Parallel drill grabber. Turn wrist plough; two-horse
sowing plough; subsoil plough, invented by Mr. Smith; friction-wheel plough.

23. EATON, J., Woodford, near Thrapston, Inv. and Manu.—A patent seed-dibbler for wheat, barley, oats, peas, &c. Invented and registered by W. W. Knight, Esq., of Titchmarsh.


25. HENLEY, J. Oswestry, Manu.—Waxmowing-machine, for the purpose of cleaning wheat, barley, oats, beans, peas, &c. Clover seed drill, for sowing all grass seeds and turnips on the flat.

26. ALCOE, D. & Sons, St. Lee, Kent, Inv. and Manu.—Sulphurator and fumigator, to diffuse powdered sulphur more uniformly than can be done by the dredge-box, &c.

27. GINGRILL, W. J. Bristol, Inv.—Model uniform corn and seed metre.

28. BELLMAN, J., Kais, Roxburghshire, Scotland, Des.—Model of a farm feeding, erected at Wark, in the county of Northumberland, in the year 1850.

29. ALCOE, T., Rochefort, near Northampton, Inv. and Manu.—Clasp-cutter, with improved rising roller. Improved two-wheel iron, and sawing iron plough.

30. FOWLER, J., Bristol, Inv.—Draining-plough, adapted for forming a perfect drain, by horse or steam power, on a new system. Windless, or easiet, for applying horse-power to the plough.

31. FOWLER & FAY, Bristol, Des. and Manu.—Farm cart, adapted for harvest and winter purposes. Low-bodied dog-cart.

32. HAMMERSLEY, C. Long Melford, Sudbury, Suffolk, Inv. and Manu.—Improved clover-threshing machine.

33. CARPENTER, W., Banbury, Inv.—Anti-attrition threshing-machine.

34. BAWNEY, W., Beverley.—Waxmowing-machine. Iron model bridge.

35. BENDALL, J., Woodbridge, Manu.—A universal self-adjusting cultivator, for skimming, cleaning, pulverizing, or subsolling land; patented. A corn-crushing machine for beans, peas, barley, &c.; patented.

36. BLACKIE, J., 23 Upper Gray St, Edinburgh, Inv.—Model of high-pressure boiler, for steaming bones, flax, and food for cattle. Specimen of steamed bone-manure.

37. BEATTIE, B.

38. MARSHALL, Lt-Col. W., Newfield Cottage, Craigallachie, Scotland, Inv.—Cereal seed-planting and simultaneously-operating machine, to show the advantage of thin seeding.

39. WINDUS.

40. BURRELL, C., Thetford, Norfolk, Des. and Manu.—A six-horse power portable steam-engine, adapted for driving agricultural machinery. Registered machine for making hurdles or gates. Registered gorse-cutting and bruising machine.

41. STEVENS.

42. STEVENS.

43. MURPHY.

44. ELLIOT, J., Southampton, Inv.—A poor man's closet. Models of farm buildings and of cottages for labourers. Draining level. Specimens of clay tubes, for building roofs and walls of cottages, &c.

45. LLOYD.

46. GOLDSMITH, E., Burstborne Priory, Andover Rd, Inv. and Manu.—Improved rolling barley chumper.

47. DAVID.

48. BALFOUR.
UNITED KINGDOM.

Class 9. Agricultural and Horticultural Machines and Implements.

72A PHILLIPS, G. H. A. B., Harrow-on-the-Hill,(auth. No. 12427) Improved collateral beehive, made of wood, glass, and zinc.

73 FRANCE, A. Stirling, Mann, and Des.—A drill-plough for green crops. A green crop grubber.

74 SWANN, T. West Barns, near Dunbar, N.B.—A machine for sowing grain, being an improved drill. A machine for dressing grain, or improved winnowing machine.

74 SHEPHERD, T. West barns, near Dunbar, N.B. Mann.—A machine, for sowing grain, being an improved drill, with land-measurer attached. A winnowing-machine.


80 WOODHOUSE, J. Kingsley, near Alton, Mann.—Machine for bagging hops by pressure.


80 SWAN, R. F. Boxford, Suffolk, Inv. and Mann.—Model of a tipping wagon.

81 MACKAY, W. H. Swansea, Inv.—Machine for moving hay or cutting corn.

85 CORNER, J. Burnhills, near Kinlochleven, Chester, Inv. and Mann.—A self-cleaning machine, with three knives, makes five different lengths of chaff. Self-cleaning machine, with two knives.

85 TRUMAN, Row, & HANCOCK, J. Selby & Son, Huntly, near Aberdeen, Inv. and Mann.—Double mould, or drill plough, with improved mould-boards. Swing plough.


87 BOWLEY, R. J. Bowthorne, near Chesterfield, Inv.—Improved machine for dropping paal, bone-dust, turnip, rape, or mangold seed, &c.: patent. Improved corn-dressing machine, &c.

89 DUMMOND, F. B. Perth, Inv. and Mann.—Antimetallic table churns, with six actions.


95 ROBERTS, J. Wood, Inv.—Improved plough.


91A JORDAN, T. Billericay, Essex, Inv. and Mann.—Improved plough.

92 PETTERS, W. J. Sudbury, Suffolk, Inv. and Mann.—Temple and collateral beehives.

92A NUGENT, A. L. ald, 2a Welbeck St, Cavendish Sq, Inv.—A new self-cleaning solid pulp-blotting roller. New chemical churn, and process by which butter is preserved from becoming rancid.

93 MIBERSON & Son, Banff, Scotland, Prod.—Samples of yellow turnip and seed, cultivated in Berwickshire and Aberdeen; Aberdeenshire; or Gordon yellow turnip, and seed; Williamson's Swedish turnip, and seed; Miberson's yellow turnip, and seed.

94 BROWDER.

96 CROWLEY & Son, Newport Pagnell, Bucks, Inv. and Mann.—One-horse cart, with newly invented tipping apparatus. Hames. One-horse universal hoe.

99 BROOK, W. Airdrie, Scotland.—Brodie's registered drain-fit, and pipe-machine.

99 LAW.

99 CLARK, J. Kirkton Blantyre, by Hamilton, Scotland, Inv. and Mann.—Plough.

100 SPENCE.

101 PITT, W. J. Maldon, Inv.—Sulphurator, for throwing flour of sulphur in a diffused state upon grapes, hops, peas, roses, &c. for the purpose of destroying the mould or mildew.

102 PITT, W. W. 50 Hamilton Pl, Edinburgh, Inv.—Syphon apparatus, for washing sheep, and improving the growth of wool by the copious application of pure water.

103 BRUES.

104 POUNTON, G. Grangefoot, Linlithgow, Scotland, Inv. and Mann.—Improved swing-ploughs; drill plough; beam-sowing machine.

105 TAYLOR, G. 18 Gt. George St, Westminster, Inv.—Patent machine for digging and turning over earth, which may also be used as a cultivator or scarifier.

106 HALSTEAD & Sons, Chichester, Inv. and Mann.—Improved iron ploughs, and oil-cake breaker.

107 WILLIAMS.


109 MAYHARD & Son, Bedford, Des. and Mann.—Improved Bedfordshire one-horse cart, mounted on an improved iron axle.

109A COTTAM & HALEY.


111 PAXTON, J. Croft Farm, Stamford Hill, Inv. and Mann.—Model of a digging machine.

112 LOMAX, W. E. Uxbridge, Inv. and Pat.—Lomax's patent chaff and turnip cutters.

114 HAYWARD, G. Crewkerne, Inv. and Mann.—Plough, with drilling-machine attached, for sowing all kinds of corn, and turnip seed, with or without dry manure, &c.

115 BURTON, W. Northampton, Des. and Mann.—Four-horse power steam-engine, simple in design, economical in fuel, low in price.

116 HODGES & Son, 16 Westmoreland St, Dublin, Mann.—Improved safety kettles, and improved steaming apparatus.

117 HAYES, J. Elton, Huntingdonshire, Des. Inv. and Mann.—Grinding-mill, to grind barley into soft meal for pigs, and to split beams.

118 HOWE, M. & J. Samuelson, Haddington, Scotland, Inv. and Mann.—Lever grain drilling-machine.

120 SMITH, J. 33 Lamb St, Spital Sq, Inv.—Castle bee hive, as in use at the royal farm, Windsor; observatory bee hive; specimens of honey, &c.

121 GLOVIS, W. Warwick, Mann.—One-horse cart for general purposes.

123 MAYNARD & Son.

125A SAVAGE.

128A USHER, J. Edinburgh, Inv.—Model of locomotive steam-plough; the ploughs revolving behind the carriage act as propellers: patent.

128A BELL.
UNITED KINGDOM.

128c Jones, F. High St, Fulham, Prop.—Portable hand

garden engine, forces the water in a continuous stream up-
wards of forty feet.

129a Cowan, H. Crossmore, Edinburgh, Inv. and

Manu.—Self-cleansing two-horse grubber.

129a Paxton, J. Ealing, near Brentford, Inv.—Impro-

vement on water-power, for grinding corn, &c. Regis-

tered.

130a Boxwood, W. Keyingham, Inv. and Manu.—Corn-

dressing machine, for dressing, blowing, harrowing, and

blowing and harrowing combined. Harrow machine. Patent

straw-shaker, &c.

131a Wedlake, Maby, & Co. Horncastle, near Lincoln,

Essex, Manu.—Sinpat improved haymaking-machine,

 rake, winnowing-machine, ploughs, horse-shoe, and scarifiers.

Improved machine for bruising oats. Machine to bruise

ose or fanoe. Off-cake mill. Turnip and grass-cutting

machine, &c.

132a Barratt, Real, & Andrews, Katesgrove Iron

Works, Reading, Manu. and Inv.—Self-lubricating and

double-sided slide-valve. High-pressure Bunsen steam

engine: the cylinders, forces-pump, &c. of this engine are

all made in one entire casting. Patent safety gear-work.

Portable steam engine. Thrashing, cutting, crushing, bolting,

haymaking, and other agricultural machines. Ploughs,

harrow, &c.

132a Gimson, M. Newcastle, Inv. and Manu.—North-

umberland sound-crusher, for wet land, &c.; also used on

young wheat for the wire-worms, and for making drills for

clover and other seeds.

133a Lampitt, C. Bletchley, Inv. and Manu.—A horse

seed dibber, patented.

134a Hall, W. Bedford, near Kettering, Northampton-

shire, Inv. and Manu.—Cotton-spinning frames made of iron,

with steel or cast-iron furrow-turner. Two-horse waggon,
either with pole or shafts.

135a Jones, R. Great College St, Camden Town, Inv.—

Machine for making bricks and tiles, with pug-mill

attached. Model of the exhibitor’s patent, with important

additions and improvements.

136a Lacey.

137a Greenley, T. of Oxford, and Randall & Saunders,

of Bath, Inv.—Brick and tile presses. Model of kiln and

drying-room. Patent draining tiles. Hollow bricks and

tiles. Model of fire-proof cottages, &c.

137a Richmond & Chandler, Manchester, Inv. and

Manu.—Corn-crusher, chick-cutting machine, grain-crusher,

chaff-machines, &c.

138a Gilmour, J. Woodstock, Inv.—Seed-cleaner and

separatory.

139a Taylor, G. Bury, Lancashire, Inv.—Locomotive

shearing and mowing machine, worked by hand.

139a Bowden & Son, Coventry, Manu.—Model churn.

140a Hinko, E. & Co. Shire Well Works, Dudley, Inv.

and Manu.—Shed for paring stubbles, turf, &c. Expanding

horse-shoe. Wrought-iron gates and posts. Continuous iron

fencing, hurdles, &c.

141a Brooke, M. Bailey, near Dewsbury, Inv. and Manu.

—New machine for reaping corn.

141a Maples仔 & Low.

142a Slatery, J. 34 Leith Walk, Edinburgh, Manu.—Sub-

cook trench plough; an improvement on Beattie’s by the

Maurice of Tweeddale. The Tweeddale trench plough. Model

of Henderson’s patent derruk crane.

143a Garnett & Son, Leiston Works, Suffolk, Inv. and

Manu.—Drills, horse-shoe, thrashing machines, portable

steam-engines, humsawing and corn-dressing machines,

chaff-cutters, crushers, ploughs, corn-reaping, harrows, and

other agricultural machinery.

144a Dr. Ewens, Lord Willoughby, 123 Piccadilly,

Inv.—Machinery to plough land, with stationary power

engine: the ploughs travel at five miles per hour.

144a Combe, J. South Molton, Inv. and Manu.—Wrought

iron horse-shoe. One-way turnovers or turriest plough for

hilly land. Subsoil pulveriser. Harrows, &c.

144a Elliott, G. Farham, Inv. and Manu.—Hop

bagging-machine, for bagging hops when dried, of a new

construction: will have two tons of hops in a day.

144a Sommers, W. King and Cambridge, Manu.—Road

wagon, and improved plough.

145a Trotter, W. Bywell, Stockfield, near Gateshead,

Inv.—Model of reaping machine for cutting corn with re-

volving knives.

146a Powder, W. E. Goldhanger, near Malton, Essex,

Inv.—Sheaf-house, or hive.

146a Goughwell, W. Loud, Lincolnshire, Manu.—In-

proved patent drop drill. Registered corn-dressing machine.

Registered corns and turnip hoe.

149a Heath & Son, Castle Works, Woburn, Inv. and

Manu.—Four-horse power portable steam-engine. Patent

bolting thrashing-machine, complete. Eight-row patent

cup-drill, with independent steerable. Patent Vandyke hand


150a Gray & Son, W. Cuckney, Manu.—Farm cart;

ploughs. Subsoil pulveriser. Drill grubber. Parallel horse-


151a Williams, W. Bedford, Inv. and Manu.—Patent

four-beam iron harrows. Patent wrought-iron ploughs.

Chaff-machine. A machine for making drain pipes and

tiles, &c.

152a Rose, R. M. Langholm, Des. and Manu.—Sheep-

dipping machine, for applying sheep-washing compositions.

153a Rose, R. M. Langholm, Dumfries, Scotland, Des.

—A sheep-dipping apparatus and sheep carriage, in one

machine.

154a Morewood & Boote, Steel Yd, Wharf, Upper

Thames St, Inventors.—Specimens of galvanised tin-plate,

used in the erection and roofing of buildings, &c. Patent

compound iron and lead sheet and wire, iron and copper

wire, and brass wire, and tin-plates. Model of farm-yard

and buildings, agricultural implements, &c.

155a Bylott, B. J. Norwich, Inv. and Manu.—Portable

horse works. Registered portable bolting thrashing machine,

for steam or horse power.

156a Fairless, T. Corbridge, near Hexham, Northum-

berland. Reaping machine for cutting corn and hay.

Improved pump.

157a Sadlers.

157a Cooghe, J. G. 9 Yeoman’s Ter, Brompton Ed, Des.

and Manu.—Model of a garden pavilion of iron work, with

seats; to support climbing plants, with an avairy.

157a Rudd, T. 10 Ebury Sq, Pimlico, Inv. and Manu.

—Improved patent hand-thrashing machine; mounted upon

carriage wheels, and remain, so when at work. Working

model of improved machinery, for working marble, stone, &c.

159a Hall, A. Bank Buildings, Manchester.—Garden

net, and insect feeder. Substitutes for glass hot-houses, for

a slow conductor of heat, &c. Canvas for embroidery,

with printed designs, to be covered by the worker.

161a Nixon.

170a Wilmot, E. W. Congleton, Des.—Model of farm

buildings for a farm of about 300 acres, with labourers’

cottages.

179 Smith, A. K. Kenton, Inv. and Maker.—Rotary

screening machine.

180a Dean, Dray, & Dean.

181a White, J. 366 High Holborn, Inv. and Manu.—

Machine for converting gorse into nutritious food for cattle,

183 TUNNER, E. R., Ipswich, Inv. and Mann.—Four-
horse power portable steam-engine, for agricultural purposes. Apparatus for regulating the supply of water to a high-pressure steam-boiler. Mill for crushing corn and seeds, and grinding beans, peas, maize, etc.

184 BOSKERS.

184 JONES, A.


185A BATTER, F., Sherrington, Oxford.—Implement to facilitate the removal of plants in pots.

186 WINDERS, R., Inman Court, Fenchurch St, Inv. —Model of a machine for mowing corn or grass by rotary horizontal knives.

186A HESTON, J. Inv.—Hand roller; object, lightness of draught.

187 SMITH, H. 13 Suffolk's Row, near the Church, Islington, Inv. and Mann.—Registered horticultural hot-water gas stove.

187A KIETZ.

188 TALBOT.

188 TERRETT, C. J., Bluntsham, near St. Ives, Huntingdonshire, Des.—Model farmstead, for 250 or 300 acres.

188A STRAWSON.

189 ALEXANDER, E., Tayporton, Stirling, Scotland, Inv. and Mann.—Models of draining ploughs: First furrow plough, which cuts a depth of from fifteen to eighteen inches. Second, or finishing plough, which cuts a further depth of from ten to twelve inches.

189A DEAN, T., Wishaw, Scotland, Inv.—Cutler apparatus attached to a tile and pipe-machine, for forming overtops in tiles and pipes. The machine will be worked.

190 BYRD.


201 ARBUTHNOTT AND TAYLOR, Co., 29 Stantegate St. Lambeth.—A brick and dressing tile machine, worked by hand, invented by J. Ainslie, of Alperton, Acton, Middlesex, and improved and manufactured by A. Goodwin, of Ot. Giltford St. Borough. A larger machine, on the same principle. Patented.

202 DE POUSSET.

203 PEARSE.

204 BLENDE.

205 BLAND, J. G., Market Harborough, Inv. and Des.—A two-knife hand-power scythe-cutting, by Cornue, of Barbridge. Model of a farmstead, suitable to a farm of from five to seven hundred acres.

205A HAYES, M., Enfield Highway, Inv. and Mann.—Bere-.h'.

206 REEDLE.

206A BRADON.

206B KENNEDY.

207 STONE.

210 TOSY & SON, King's Rd. Chelsea.—Model of a greenhouse, with potting shed and fruit-room, showing the boiler and hot-water-pipes, with improved ventilation, etc.

211 THOMSON, D., Ratho, by Edinburgh, Des.—Design for an arrangement of farm building, the grain crops under cover, etc. Model of a cheap form of field-drain.

213 VYVHEER, W., 350 Coventry Rd. Birmingham, Inv. and Mann.—Winter and summer, or self-temperature better churn.


214 PARDICE, W. F., Manor House, Hayling Island, Hampshire, Inv.—Hand-drill, for garden and other seeds. Improved planting line, and dibbler or transplanter.

214A TROON, T., Selby, Yorkshire, Des.—Model of farmstead and buildings where steam power is used.


216A WHEELEHER, E. 16 Faulkner St, Manchester, Inv.—Machines for bagging hops, wool, or cotton; pressing the hops without breaking the leaf.


218 NUNN, J. P. & E. B. 17 Stratford Pl, Oxford St, Inv.—Instruments for securing a swarm of bees.

219 SMITH, G. 3 Francis Ct, Berkeley St, Clerkenwell, Prod.—Registered enamelled garden labels.

220 WILKINSON, T. 500 Oxford St, Mann.—Improved Baker's patent mangle. Improved patent box churn.

221 FARLOW.

222 SMITH, T., Hamor Cottage, Hornsey Rd, Islington, Mann.—Hyacinth glass, and glass support. Earthware enclosure, and support for the fruit and foliage of the strawberry.

223 PITT.

224 KNIGHT, W. J., Ardeche, Ireland, Mann.—Improved drill and subsoil ploughs.

225 WATSON, E., 351 Oxford St, Mann.—Irrigator liquid manure pump, fire and garden engine, with hose and hose reel. Improved drainage level.

226 DEAKES.

227 VIVIAN.

228 SCHADO, T., Tarpory, Chester, Inv. and Mann.—A double-action machine for making draining tiles and pipes.


231 GRAYSVILLE & Co. 21 Red Lion Sq, Prop.—Agricultural implements: eight depoter hand-dibble; hand-cultivator, and drill-hoe; subsoil plough, and pulverizer; horse-dibble-drill; single-horse cultivator, &c.


235 CHARD & MUNRO, Bristol, Mann.—Light one-horse harvest cart. Light errand or market cart.

237 KER & Co.

238 WASON, R., Corwen, near Corwen, Scotland, Des.—Plans for reclaiming waste land, on a new principle.
UNITED KINGDOM.

CLASS 9. Agricultural and Horticultural Machines and Implements.

229 CAMBRIDGE, W. Temple Gate, Bristol, Inv. and Man. — Patent press-wheel roller, or old-crusher.

230 WEHRDEL, J. Stivy, Lancaster, Inv. and Man. — Machines for the manufacture of draught pipes and tiles. New machine for making and pressing bricks.


242 CLAYTON & SUTTON, STAFFORD. — Haymow, J. Halley, Beacon, or bee's-ship, for taking honey without destroying the hive or bees.

243 MARSHALL, J. E. Graceschurch St., Des. and Manu. — New cottage bee-hive. Specimens of finished and unfinished comb.

244 WEATHERSTONE. — West, W. Leicester, Inv. and Manu. — Drill, for sowing corn and turnips. Hand seed-drill, to work with ease, &c.

245 COTTS & HALLEN. — M'CARTHY & DUNMORE, Camnock, Des. and Manu. — Threshing-machine, in cast-iron framing, with riddles, fans, and elevators. Improved construction of horse-wheel, and other parts of gearing. A peg-hammer, for threshing barley.


249 BROWN & ARCHBOLD, Horsham, Tyne Side, Newcastle-upon-Tyne, Inv. and Manu. — Miniature model machine for cleaning corn and grain.


251 FLETCHER, G. Trentham, Newcastle-under-Lyme, Inv. and Manu. — Machine for destroying weeds, moss, lichens, &c. on gravel-walks, court-yards, &c.

252 BARTON, W. Mallettheagh, Newton, Mearns, Renfrewshire, Scottiland, Inv. and Manu. — Winnowing-machine, with cloth and revolving brush, for separating the grain from the dirt.

253 SHERWIN.


255 SMITH, J. M.


258 JOHNSON, T. (with Mr. Kinneas), Newcastle-upon-Tyne, Inv. — Model of a machine for sowing wheat and barley, with harrow attached.

259 McPHERSON.

260 BURMALL, C. Finchem, near Lynn, Inv. and Manu. — Model of a steam and human-power cultivator, or universal tilling machine and irrigator.

261 HAY, J. Florabank, Haddington, Inv. — Implement for cutting turnips for sheep and cattle.

262—not in page.

263 SMITH.

264 NOTIN.

265 LOWCOCK, H. St. Peter's, St. Tiverton, Inv. and Manu. — Lowcock's patent turn-wire plough, &c. manuf. by E. Adams, of Markand.

266 RICHARDSON.


268 CHAM, J. & Co., Paisley, Manu. — Drain pipes and tiles, for field drainage, made from common clay.

269 DUNN, La Touche, Rev. T. Killanele, Ireland, Inv. — Models of a cart, of an under carriage with high forewheels, of a grubber, barrow, and turnip-dibbler. Machine for making better without handling. A ball-iron, for horses.

270 LOW, A. 73 Overgate, Dundee, Scotland. — A mouthbag for horses, with gauze-wire front. Double water-furrow plough roller.

271 HOLMES, W. Howden, Yorkshire, Inv. — Springing threshing instruments. Life-boats, constructed so as to prevent upsetting from a sudden gust of wind.


274 STEWART, J. Aberdeen, Des. and Manu. — Two-horse plough, with double or single mould-board, and shifting coulter; subsoil plough, &c.

275 STEAD, T. Fairwood, Brockley, Northamptonshire, Inv. and Des. — Clod-crusher. Telescope ladder. Propeller for a ship, very simple, but of great power. Table convertible into a bed, chest of drawers, &c. Two tables, as specimens of British woods. Seat, to shut up, for the p_RST.

276 BURDES, B. Birmingham, Manu. — Improved garden spades, draining tools, and shovels.

277 FORREST.


280 PLANTS.

281 YOUNG & Co.


283 LONNAGH.

284 SMITH, W. Radcliffe-on-Trent, Notts, Manu. — Improved corn-dressing or winnowing-machine. Safety chaff-cutting machine.


286 ROBERTSON, G. Allerdale, St. Stonehaven, Scotland, Inv. — One-horse cart for agricultural purposes.

287 BUTTLELEY, G. Greenhill, Sheffield, Manu. — Beating-hooks, sickles, Andrew hook, Kendal hook, bean or brushing hook, Scotch hook, baggin and yowring hooks, &c.
UNITED KINGDOM.


1. Bennett, J. 53 Cheapside, Inv. and Mann.—An economical regulator beating half-seconds, with mercurial pendulum for compensation. Hall clock. Marine chronometer. Bennett’s model watch, on a magnified scale; constructed to show the most complete form of the modern watch, with all the recent improvements. Bennett’s timekeeper, for railway guards. Standard thermometers, &c.

2. Ainsworth Survey Department, by Lieut.-Col. Hall.—Two compensation bars and microscopes, used with measurement of the base lines of the triangulation of the United Kingdom. Diagram of the triangulation, &c.

3. Cowell, W. 83 Cheapside, Man.—Two 3-day marine chronometers, Earnshaw’s detached escapements; compound balance adjusted for high temperatures.


5. Olofsson, J. & Co. 6 Charles St. Northampton Sq., and Oxford Tor. Coventry, Man.—Marine chronometer, gold and silver watches, and watch movements, &c.

6. Nottey, P. A. 1 Alfred Pl. Bedford Sq. Inv. and Mann.—Elliptic watch or clock; fusees spring, pocket chronometers, &c.

7. Verney, J. 6 Ovington Sq. Brompton, Inv.—An invention denominated the medical-chirurgical ambulance, devoted to the preservation of the life of the wounded warrior.


11. Lowry, E. 47 St. John St. Ed. Clerkenwell, Inv. and Mann.—Lever watch, gold chronometer, and other watch works.

12. Abbott, J. Islington.—An eight-day chronometer, showing sidereal and mean time on the same dial.

13. Lomax, E. 44 Gerrard St. Islington, Inv.—Mercurial compensation-balance, exhibiting four modifications. Improved form of mercurial pendulum. Portable crane shower-bath (registered); combines a portable bath and drying room.


16. Pitt, H. C. 9 Cumberland Row, Islington Green, Inv. and Mann.—Skeleton striking clock, going 400 days; it shows dead seconds by the application of the chronometer escapement.


18. Webster, R. Jun. 74 Cornhill, Inv. and Mann.—Train remontoire clock, combination of magnetism with clockwork, &c.


21. G UNITES, H. 2 Nelson St. City Rd. Maker.—Watch, showing the time, with improved stop-work.

22. Chivalier, A. 11 Brunswick St. Stamford St. Man.—Chronometer cases.


26. Gowanl, J. 52 London Wall, Inv. and Mann.—Free pendulum regulator, tourbillon remontoir chronometer, anemometer, electric clock, watches, &c.

27. Taner, W. 83 Upper St. Islington, Inv.—The polyhorion clock, showing local time, the time at Dublin, Paris, and Edinburgh. Lever watch, shows the times of any two places.


31. Moore & Sons, 38 Clerkenwell Close, Mann.—Chiming skeleton clock to go a month, &c.


33. Parkinson & Frosham, 4 Change Alley, Cornhill, Mann.—Astronomical clock, with mercurial pendulum, eight-day chronometer, lever watches, pocket chronometers, &c.

34. Fother, J. 17 Bishopsgate St. Without. Inv. and Mann.—Railway guards’ time-keeper. Station clock. Pocket watch for engineering purposes. Electric clock.

35. Robinson, E. Bishop Auckland, Des. and Mann.—Skeleton spring clock, representing the clock tower at the palace of the Bishop of Durham.

36. Elsner, C. 15 New Bond St. Inv. and Mann.—An
eight-day time-piece regulator, to go by weights, with a compensation pendulum. A silver lever watch, with a compensation bar, composed of brass and steel, united. Model of a mahogany door, with safety fastenings.

40 Brookes & Archer. 6 Cowper's Ct. Cornhill, Inv.—Marine chronometer, on spring gymbals, enclosed in improved box.

40 Archer. B. E. 6 Cowper's Court, Cornhill.—Chronometer.

41 Walker, F. 9 Devonshire Pl.—New design for a clock.

42 Laker, J. Bloster, Oxfordshire, Manu.—Skeleton clock: when wound up it will go 400 days.

43 Trembilo, C. Lichfield, Des. and Manu.—Clock, strikes quarters and goes 32 days. Design, Lichfield cathedral. Gothic skeleton clock.

44 Sanders, J. 25 Suffolk Road, Sheffield.—Clock.

44 Stokes, J. Doncaster, Inv. and Manu.—Angular terrestrial globe and spherical geographical clock.

45 Coope, J. 39 De Beauvoir Sq. Inv. and Manu.—Improved chronometer.

46 Grant, F. 29 Lower William St. St. John's wood, Des.—Time-piece stand, composed of ivory, tulipwood, and ebony.

47 Copland, C. M. A South Villa, Kennington Oval.

48 Carriage clock.

47 Harvey, W. Stirling, Scotland, Inv. and Manu.—Improvement in clocks, dispensing with striking work.

49 Bennett, G. W. Blackheath, Kent, Manu.—A time-piece, adapted for public thoroughfares.

50 Bowes, J. 49 Cumming St. Pentonville, Inv. and Manu.—Chronometer intended for the use of astronomers, to show sidereal time, and beat beat seconds.

51 Chapple, C. 2 Providence Pl. Prospect Row, Woolwich, Inv.—Perpetual-motion clock, having no chain or weights. Table-cover, or bed-quilt, containing 3,200 pieces, and 127 shaks of silk.

52 Donelan, J. Upper Ormond Quay, Dublin, Manu.—Watches, of Dublin manufacture. Specimens of Irish gold and silver, from Ballycorus works.

53 Amsden & Klapfer, 157 Regent St. Manu.—Upright regulator, with new escapement, and mercurial pendulum, chronometers, watches, &c.

54 Pennington, J. High St. Camberwell, Inv. and Manu.—Marine chronometer, with improved compensating balance weight.

55 Furse, J. 90 Dow St. Pimlico, Manu.—Library table-clock and inlaid, and clock with cases carved by W. G. Rogers.

56 Deve, E. J. 61 Strand, 33 Cockspur St. and 34 Royal Exchange, Manu.—Large assortment of ladies and gentlemen's superior watches. Marine chronometer, with a glass balance-spring, glass balance, and compensation, for variation of temperature, of platinum and silver. Azimuth and altitude compass. Dipselmeters. Astronomical and other clocks, &c.

57 Dwyer, J. 16 North Avenue, North St. Pentonville, Des. and Manu.—Clock dial-case in brass, adapted for hot climates, baker's shop, &c., as they are not affected by steam or heat.


59 Glasson, G. 5 President St. West, Goswell Rd. Inv.—Escapement, the pendulum-impelled by the direct action of small weights, without pivot, oil, springs, &c.

59 Greenhalgh, E. J. Earl St. Chelsea, Des. and Manu.—Self-setting or perpetual motion timepiece. Curious timepiece, with spring.

60 Hall, G. F. Norfolk st. Fitzroy Sq. Inv.—An astronomical and meteorological clock. Patent diploma for stamping railway tickets.

61 Hardy, W. Thomas, 46 John Street, Clerkenwell.—Regulator.

62 Hixon, C. 10 Corporation Lane, Clerkenwell, Des. and Manu.—English hard white enamel watch dial, with sunk centre and seconds, with low glass.

63 Johnson, E. D. agent for Tobias, 31 Ashley Crescent, City Road.—Watches.

64 Jones, John, 356 Strand.—Watch.

65 Judge, Thomas, High Street, Hampstead.—Silent clock.

66 Kees, J. 30 Park Ter. Regent's Park. Inv. and Manu.—Improved detector clock, indicating the days of the week and of the month, &c.

68 Moon, Major W. S. Cornhill Ter. Bath, Manu. (Dundee, Scotland.)—A surgical instrument for use previous to operation for lithotomy, &c.

67 MacDougal, E. J. 19 Dorset Pl. Pall Mall East, Inv. and Manu.—Escapement for chronometers, watches, and clocks, without escape-wheel patented. The same spring by India-rubber. Centrifugal Archimedean, vibrating, and other drill-stocks. A new decomposition cell, and medals made by the process.

68 MacDougall, C. 6 Hyde St. Bloomsbury, Inv.—Clock-movement, with a dead escapement of a new arrangement. E. J. Dent, Manu., and Pat. by assignment.

69 Merry, D. D. 17 Hall's Pl. John's Row, St. Luke's, Prod. and Des.—Registered skeleton timepiece, with improved lever escapement. Improved clock winders.

71 Marchant, L. 1 Red Lion St. Holborn, Manu.—Small gold lever watch. Musical clock.

73 Payne, W. & Co. 163 New Bond St. Inv. and Manu.—Quartz clock, on eight bells, in Ambrosia wood, and ornate case, made for the Sultan of Turkey. Timepieces, Chime clocks. Astronomical clock. Patent pedometer, and odometer, for measuring distances.

74 Bix, L. 21 Conduit St. Westbourne Ter. Inv.—Skeleton chronometer time-piece, slow motion.

75 Rutledge, J. Inv. and Manu.—A perpetual clock, without weights or springs.

77 Taylor, G. R. Coronation St. Sunderland, Inv.—Geographical clock, with terrestrial globe attached, indicating the time simultaneously at every part of the globe.

78 Tobias & Co. Liverpool, Manu.—Watches, with registered compound second's movement, &c. Silver lever watch, as used in Turkey. Horizontal movement, extra chronometer-balance, adapted to all climates. Railway guards' timepieces.

79 Snelson, F. 48 Hans Pl. Inv. and Manu.—A two-day marine chronometer.

80 Thomson, A. 25 New Bond St. Inv. and Manu.—Antichronograph, to register occurrences, &c. without daily setting, showing mean time within five seconds, &c.

81 Petit, W. & Co. 9 Crombie's Row, Commercial Rd. East.—A watch, performing, suspended in a glass globe, filled with water. The object of the invention is to secure the protection of time-keeping and other instruments from water and damp, &c.

82 Tischler, J. 409 Oxford St. Manu.—Skeleton eight-day clock, with improved pendulum, &c.


86 Wayte, A. Inv. and Manu.—Eight day self-setting repeating chronometer, comprising 500 pieces of
UNITED KINGDOM.


**Mechanism.** Small three-quarter plate chronometers, with hard cylindrical springs, jewelled in every hole.

**Coombe & Witherden, 37 Davies St. Berkeley Sq. Inv. and Mann.**—A sporting watch, which shows the time to one-sixth of a second.

**Allen, J. H. Bristol, Inv. and Mann.**—Bracket-regulator timepiece, with a new description of compound pendulum.

**Bayley, S. & Son, Birmingham, Des. and Mann.**—Right-day clock. The dial worked in gold, pearl, and enamel.

**Bayley, W. Newcastle-under-Lyme, Mann.**—Skeleton eight-day time-piece, showing the hour, the day of the month, &c.

**Barning, J. 90 High St. Maidstone, Kent, Des.**—Dial of a clock, exhibiting a new pattern figure. Table and desert spoons and forks, ornamented in a novel manner, with enamel.

**Vickers & Relfynon, 129 Regent St. Mann.**—Two-day marine chronometer. Watches, of various fashions, for the home and South American markets. Steel for chronometer pendulum springs, by A. General.

**Blythworth, J. Long Island, Carlisle, Inv. and Mann.**—Motion-work for the hour and minute hands of a turret clock with four dials. Apparatus for illuminating dials, self-acting and self-regulating.

**Bone, T. Coventry, Mann.**—German silver watches, plated with silver. Gold plated watch.

**Mouillard, Freres Fortune Victor, 71 Albany St. Regent's Park, Inv.**—The artificial leech.

**Brinscall, J. 48 Constitution Hill, Birmingham, Des. and Mann.**—Self-correcting clock, with a detached lever escapement; goes a month.

**Bostro, C. Exeter, Prop.**—Clock in a case, which occupied 2½ years in completing it, with astronomical, chronological, and other movements, bird organ, &c.

**Churchill, G. Downton, near Salisbury, Mann.**—Clock, with music attached, playing a tune every three hours: the whole made by a blacksmith.

**Dell Brothers, Bristol, Inv. and Mann.**—Specimens of ordinary clock-work. Transparent timepiece. Specimens of iron and steel wheel-cutting, &c. Pianoforte music box, made by N. Frieres, of Geneva.

**Groshe, J. 7 Wigmore St. Mann.**—Gold duplex repeating watch, lever, seconds, duplex, and other watches. Carriage clocks. Gold chains and keys.

**Driehaus, L. J. 57 Hanover St. Liverpool, Inv. and Mann.**—Mechanical clock. Works without main-spring or chain, and requires no winding up.

**Davies, J. Silver St. Wakefield, Des. and Mann.**—Chime-clock, showing the time in any part of the world. A compensating clock, without pendulum.

**Edward, J. T. Dudley, Mann.**—Portable sprung time-keeper, to go 436 days.

**Edward, J. Stourbridge.**—Large transparent skeleton spring time-piece, made of glass and brass.

**Gray, Dr. J. Perth, Inv.**—Medical walking-staff, containing instruments, &c.

**Evans, W. P. Soho St. Hanworth, near Birmingham, Mann.**—Gothic skeleton clock; Elisabethan time-piece; skeleton lever clock; Sir Walter Scott's monument, Edinburgh; &c.

**Feltman, R. D. King St. St. Heiler, Jersey.**—Skeleton regulator, to go 500 days; having a metonome pendulum with detached escapement.

**Graeff, A. Gordon's Hospital, Aberdeen, Inv.**—An instrument for the solution of problems in spherical trigonometry, &c. Portable, or field transit instrument. Water-meter. Clock, with conical pendulum. Marine clock, with two pendulums. A centrifugal, or conical pendulum clock.

**Hamersley, J. Sabden, near Whalley, Lancashire, Inv. and Maker.**—A new quadrant and sun-dial, for ascertaining latitude and longitude.

**Hart, W. & Co. Christchurch, Hants, Mann.**—Chronometer and watch fusee chains, of different sizes.


**Pace, J. Berry St. Edwards, Inv. Des. and Mann.**—Skeleton clock, which goes three years. Pyramidal skeleton time-piece, which goes three months. Barometer, &c.

**Rafford, J. 339 High St. Chelsea, Mann. Inv. and Des.**—Diagrams of a geographical clock or watch. Two time-pieces.

**Ritson, W. Exchequer Row, Aberdeen, Des. and Mann.**—A clock, showing the days of the month, months of the year, the motions of the sun and moon, and the state of tides at some of the principal sea-ports of Great Britain, Ireland, France, America, Spain, Portugal, Holland, and Germany, and going for twelve months.

**Broadway, J. Ashton-under-Lyne.**—Peel of small bells to ring changes. Scale for pitching wheels. Time-pieces.

**Baskell, J. Church St. Liverpool, Des. and Mann.**—Watch machinery.

**Bathurst & Sons, Coventry, Mann.**—Gold and silver watches: the various parts of a lever watch in the progressive stages of manufacture.

**Baker, W. 6 Reservoir Cottage, Silver St. Notting Hill.**—Drawing design of a Gothic clock, adapted for interior or exterior decoration.

**Barnes, H. Child's Hill, Hampstead, Inv.**—American machine for saving life on railways. Fire alarm, clock work, electric telegraphs, &c.

**Eenkel, E. 66 St. Martin's Lane, Mann.**—Syphon douche, invented by Dr. C. Jones. Model of an improved syphon, for brewers, &c. Stomach-pump. Amputating and other instruments. Double-action enema pump, &c.

**Tayloe, G. Wolverhampton, Inv. and Mann.**—Barmouth, a new self-correcting day-date clock, showing the day of the week, day of month, &c.

**Shepherd, C. 53 Leadenhall St. Inv. and Pat.**—Patent electro-magnetic striking clocks, in connection with the large clock in the transept. Small turret bell, the hammer moved by electro-magnetism.

**Smith & Sons, St. John's Square, Clerkenwell, Mann.**—Regulator suited to any temperature. Detector clock, or watchman's time-piece. Church and turret clocks. Skeleton time-piece and almanac for twelve months. Whipple's electric telegraphs, &c.

**Roberts, R. Globe Works, Manchester.**—Watch which beats dead (centre) seconds with only one train of wheels, &c. Recorder watch, with double hands. Patented.


**Young, J. Knareborough, Mann.**—Skeleton time-piece.

**Rose, G. Eisenhew Hall, Bishop Stortford, Inv.**—Design for the improvement of the dial-plate and registering of watches. Aneroid barometer, designed as applicable for naval establishments, &c.

**Annan, J. A. 87 Bold St. Liverpool, Inv.**—Baro-
148 Phillip, J. F.R.S. St. Mary's Lodge, York, Inv. — An electrophorus; rain gauge; maximum thermometer; anemometer, for colleries, hospitals, &c.; and air barometer, of very cheap construction, suited to colleries. Block of stone, coloured with infiltration, as nature colours her marbles.

144 Brooks, C. 29 Reppel St. Inv. and Des.—Photographic, self-registering, magnetic, and meteorological apparatus.

145 Scholefield, D. Freeman's Sq. Huddersfield, Mann.—Portable instrument, for denoting time in music.

142 Harris & Son, 50 High Holborn, Mann.—Compensating portable barometers for measuring the heights of mountains, &c. Self-registering thermometers. Patent micrometrical and double-image telescope.

151 Merewather, G. Whitby Des. and Inv.—Tempest prognosticator, for the protection of life and property.

152 Hewitson, J. Newcastle-upon-Tyne, Inv. and Mann.—Self-acting and self-registering tide gauge and tidal indicator.

154 Barlow & Sons, Edinburgh, Inv. and Mann.—Five models exhibiting the various escapements of watches at present in general use. Self-registering barometer clock.

157 Ross, A. H. 25 Bridge St. Sunderland, Inv.—A barometer, self-compensating, with newly arranged scale, &c.

158 Loveloy, G. Reading, Prop.—Time piece with invisible mechanism, goes twenty-one days.

159 Grimes, H. 31 Brooks St. Holborn, Mann.—Improved pendulum barometer in carved gilt frame.

160 Sanderson, H. Mansfield, Nottingham, Des.—Map of the country twenty miles round Mansfield.


161 Ormrod, J. Kensington, Mann. and Des.—Standard barometer. Slides for magic lanterns, to show the planets, air pumps, &c.

162 Pizolla, F. A. London, Des. and Mann.—Wheel barometer or weather glass, with rack-work motion to supersede the use of ordinary weights.

163 Parish, R. A. Albemarle St. John's Sq. Clerkenwell, Inv. and Mann.—Marine barometer, &c.

165 Graydon, Senior United Service Club, Inv.—Instrument for finding the latitude, local attraction, variation of the compass, and true altitudes independently of the horizon. Reflecting instrument for obtaining the right ascension and declination of the moon, &c.

165 Dollond, G. Inv.—Atmospheric self-registering register.

166 Dobree, W. Falkirk, Scotland, Mann.—Barometer, showing the thousandth of an inch in the rise and fall of the mercury.

168 Collard & Collard, Mann.—Grand, bichord, and square semi-pianoforte, with the patent repeater action; grand cabinet pianoforte, with the patent check and repeat action. Pianoforte for the people.

175 Gray & Lawson, Eldon St. Sheffield, Inv. and Mann.—Newly-registered double-action fountain syringes. Stomach pumps, speculums, and midwifery, cupping, and teeth instruments.

176 List, G. B. Southampton, Inv.—An apparatus for setting fractures, and a rest for the treatment of other accidents and diseases: manufactured by J. R. Stebbing, Southampton.

161 Matthews, W. 10 Portugal St. Lincoln's Inn, Mann.—Inhalers, for medicines requiring the aid of heat. Inhaler, for administering chloroform in surgical operations. Inhaler, for hydrocyanic acid, cocaine, &c.

161 Matthews, W. 10 Portugal St. Mann.—Improved stethoscope. Specula for the ear, &c. Gilbert's patent fulness instrument and chair, for extracting teeth. New swinging apparatus for fractured legs.


168 Richards, N. 3 Somerset St. Aldgate, Prop.—Globe with an endless rotary action, named the geographical instructor.

169 Moreman, J. D. 6 Buckle St. Edinburgh, Mann.—Artificial teeth.

169 Ely, M. Cobridge, Staffordshire Potteries, Inv.—An apparatus, of a peculiar construction, showing the ebb and flow of the tides.

171 Paxton, W. Hampstead, Prop.—Lunarian, with improved contrivance for observing the phases of the moon.

162 De Feuard, P. St. Clement's Academy, Jersey, Inv.—Globe showing the moon's motion around the earth, her daily variations, her position at the time of new and full moon, the cause of eclipses, &c.


165 Fear, R. Wapping Wall, Des. and Mann.—A vertical orrery.

166 Little, Major R. J. Woolwich Common, Des.—Apparatus and tools contrived to meet the loss of the right hand, manufactured by Gase, 14 Beresford Street, Woolwich.

167 Roper, W. Bath, Mann.—The realinson, invented by H. Lawson, Esq. for assisting astronomers in using large telescopes.

168 Johnston, W. & A. K. Edinburgh, Mann.—A terrestrial globe, 30 inches in diameter, showing the geological structure of the earth, the currents of air and sea, the trade winds, trade routes, monsoons, and isothermal lines, or lines of equal temperature.

170 Flrncie, P. 11 South St. Andrew St. Edinburgh, Mann.—Pair of globes and case, showing the various stages in globe making.

171 Allan, T. 20 St. Andrew's Sq. Edinburgh, Inv.—Two pairs of patent electric telegraph.—

171 Murdoch, J. Rothes, Fochabers, Elgin, Scotland, Inv.—Mechanical indicator of eclipses.


175 Sanderson & Son, 278 Strand.—Metallic tablet razor stops. Mechanical revolving pictorial kaleidoscope.

177 Edkins & Son, 16 Salisbury Sq. Mann.—Pair of 18-inch globes.

208 Mallock, P. 18 Market St. Edinburgh.—Mechanical indicator for teaching geography, designed and manufactured by the exhibitor.

209 Wilks, H. 18 Manchester St. Gray's Inn Rd. Des. and Mann.—An organ, consisting of a swell, with 23 stops, a choir organ of 14, a great organ of 20, and a pedal organ of 14 stops, &c.

209 Wilks, — London. An organ consisting of three rows of keys and two octaves and a fifth of pedals. This instrument is built upon the German plan, viz., 8 feet manuals, and 28 feet pedals; altogether it contains, in 72
stools, nearly 4,500 pipes, the largest being CCC 32 feet, the smallest C by an inch. The great and swell organs are played by means of the pneumatic lever, exhibited in a vertical position, and worked without the aid of additional pressure of air. In the choir and pedal organs are introduced two newly-invented patent valves, over which the pressure of the air has but little influence. There is also introduced a patent movement in connexion with a compound application of the pneumatic lever, which brings the command of the instrument completely under the thumbs of the performer, enabling him to draw stops in combination of which there are 34 changes, thus rendering it, though elaborate, perfectly manageable. The mechanism includes several novel arrangements, and in the various bellows there are five different pressures of air.

210. DUNST, E. de, London.—Piece of mechanism intended to represent the proportions of the human figure: it admits of being expanded from the standard size of Apollo Belvidere to that of a colossal statue. Composed of more than 7000 pieces of steel.

211. NEWTON & Son, 66 Chancery Lane, and 3 Fleet St. Mann.—Large manuscript celestial globe, 6 feet in diameter. Pair of 25-inch globes. Slate and other globes. Complete orrery of the Earth. Orrery, with condition of educational purposes. Armillary sphere. Spherical sun-dial.

213. BEILBY, R. J. 15 Paternoster Row, Inv.—Piano globe.

215. PEAT, F. Nottingham, Inv.—Mechanical Orrery. Model of self-regulating feeding apparatus, for use in the force-pump, regulating fiscal, &c.

219. ADORNO, J. N. 6 Golden Sq.—A machine to measure and demonstrate the angular proportions of the periphery and diameter of the circle. A machine or instrument to draw ellipses, parabolas, and hyperbolas. A terrestrial and celestial globe combined. Globe and map in sections.


250. HOBNE, THEOBA & WOOD, 132 Newgate St. Mann.—Models of workmen's levels, invented by W. B. WEBSTER, Gosport, Southampton. Webster's beam level.


253. GRAHAM, M. 129 Regent St. Walworth, Inv.—Invention for directing an aerial machine.

254. GILBERT, G. M. Ealing, Prop.—Globes, inflated with atmospheric air. Char-olant or carriage drawn by kites.

255. Fitter, J. Hastings, Inv.—Apparatus for navigating a balloon through the air by means of paddle-wheels and Archimedian screw.

257. LOWIT, J. New Broad St. Inv. and Mann.—Self-propelling aerial machine. Specimens of machine engraving.

257. LOWIT, J. New Broad St. Inv. and Mann.—Self-propelling aerial machine. Specimens of machine engraving.

261. BURMAN, W. 10 Nag's Head Ct. Gracechurch St. Inv. and Mann.—Aerial machine—the frame-work of lancewood, and covered with silk.

262. EDEN, A. P. 9 King's Row, Hayle-down—An achromatic microscope.

263. POWELL & LEALAND, 4 Seymour Pl. Euston Sq. Imp.—Compound achromatic microscope, with rectangular stage movements.

263. Fitchard, A. 162 Fleet St. Inv. and Mann—an achromatic microscope.

264. Hett, A. 24 Bridge St. Southwark, Preparer.—Injected microscopic objects, for displaying the structure of parts and organs, and illustrating the utility of the microscope to physiology and pathology.

265. FIELD & Son, 113 New St. Birmingham, Mann.—Achromatic microscopes, dissecting microscope, with Wolaston's magnifiers, compound achromatic lenses for photographic purposes. Calotype pictures.

266. POLLOUT, Southern Hill, Reading, Mann.—Objects prepared for the microscope, with illustrative drawings by M. S. Legg.

266. STUDD & BICE, 6 Coleman St. Mann.—Stands for compound and achromatic microscopes. Microscope objects and apparatus. Revolving tables, &c.

267. ROSS, A. 3 Featherstone Buildings, Inv. and Mann.—Astronomical telescope, the object-glass 111 inches diameter, mounted on a stand, having equatorials movements and complete adjustments. The optical part wrought by Ross's improved system and machinery. Astronomical telescopes. Improved microscopes, and photographic camera obscura.

266. HUDSON, F. T. Greenwhich, Prod. and Des.—Animal, vegetable, and mineral tissues, and structures, prepared for the microscope.

267. VARLEY & SON, 1 Charles St. Clarckson Squ. Inv. and Mann.—Graphic telescopes. Reversing camera. Microscopes. Reflecting telescopes. Apparatus for mounting Great or Small, or Planetary telescopes, air and water, &c.

266. JACKSON, E. & W. 315 Oxford St. Inv.—Microscope apparatus, &c.

269. CHADWICK BROTHERS, Sheffield and Liverpool, Mann.—Spectacles glasses and lenses. Telescopes and microscopes, in various stages of manufacture. Agricultural and surveyor's levels, magnets, steam and vacuum gauges, barometers, syringes, galvanico-electric machines. Craig's characterograph, &c.


274. RICHARDSON, T. W. Brede, near Northam, Sussex.—A reflecting telescope, for observing the sun's surface: the reflector, made of crown glass, is part of a paraboloid of revolution. Improved screw for straining wire fences. Hop-tailors. Specimens of the prismatic colour on glass, &c.

275. WILLATS, T. & R. 23 Ironmonger Lane, Cheapside, Inv. and Mann.—Portable photographic camera and stand. Registering thread counter, or linen prover.

276. SALMON, W. J. 254 Whitechapel Rd. Mann.—Day or night telescopes for ship's observatories.

277. Crockett, R. E. Doctors' Commons, Des.—Universal equatorial telescope-stand.


279. CARPENTER & WESTBY, 24 Regent St. Mann.—Phantasmagoria lantern, with a set of sections to show the optical principle. Series of astronomical diagrams, adapted to dissolving lanterns.


UNITED KINGDOM.


2744 Evans, W., Breaknock, South Wales.—Artificial leg, to enable persons who have lost the knee either to walk or ride.

279 Claxton, F., 13 Park Side, Knightsbridge, Inv. and Manx.—New invented adjusting spectacles and opera glasses.

279 Hyams, H., 49 Cornhill, Inv. and Manx.—Newly ground glass, consisting of a single piece of glass. Improved spectacles.

279 W. Rees, E., 120 Oxford St., Manx.—Invincible steel spectacles, and other spectacles and hand-glasses.

280 Whitehouse, N., 2 Cranbourne St., Prop. and Manx.—Artificial eye, artificial silver nose, opera-glass, spectacles, &c.

286 Breandel, A., 109 Kirkgate, Wakefield, Inv. and Manx.—Registered ventilating eye-shades.

286 Stark, R. M., 1 Hope St., Edinburgh, Inv. and Manx.—Microscopic objects, in gutta percha cells, intended as a substitute for glass cells, being equally durable, and much cheaper. Slides for opaque objects.

286 Jordan, C., 57 Chapman St., Manchester, Inv. and Manx.—Illuminating instrument, for inspecting the eye, &c. Instrument for the preparation of sal-ammoniac. Instruments for illuminating moulds in iron-founding, &c. Ivory conchoidal shells, turned from the solid ball. Specimens of all the useful metals and alloys, showing the surfaces and fracture.

286 Solomon, J., 52 Red Lion Sq., Manx.—Registered papier-mâché opera glasses, eye protectors, &c.

286 King, T. D., Bristol, Des. and Manx.—Compound achromatic microscopes, improved. Improved spherical prismatic illuminating microscopes.

289 Bevan, J. St. Augustine's Parade, Bristol, Inv. and Manx.—Spectacles from their earliest invention: various modes adopted by Sir Isaac Newton, Dr. Kitchiner, Wollaston, and Herschell. Lenses, &c.: registered. Trigonometer. Hereafter the registered bow-pipe.


291 Mayall, J., 433 West Strand, Prod.—Daguerreotype panorama.

291a Ladd, W., 29 Panton Pl., Walworth, Manx.—Case of instruments for pneumatic experiments. Compound microscope, with chain and spindle in lieu of rack and pinion, now in use, &c.

291a Ladd, W., 29 Panton Pl., Walworth, Manx.—Apparatus for experiments in pneumatics, &c.

292 Beard, R., 85 King Wm. St., City, Pat.—Photographic pictures by a new process, whereby daguerreotypes are enamelled.

293 Dillon, T. A., 1 Upper Buckingham St., Dublin, Inv.—A substitute for the safety fuse galvanic battery, in blasting operations. Hydrostatic electro-magnetic engine. Portable photographic camera.

294 Kilburn, W. E., 234 Regent St., Prod.—Photographic miniatures.

295 Paine, W., 5 Trinity Row, Islington, Prod.—Photographic pictures, showing the progress of the art.

296 Claude, A. F. J., 18 King Wm. St., Clering Cross, Inv.—Photographic plates and pictures, and apparatus for photographic purposes.


298 Hayward, E. L., & W. 196 Blackfriars Rd., Inv. and Manx.—A gauge, for ascertaining the thicknesses and weights of plates and rods of metal, &c. Sheringham's registered ventilator.

299 Tyree Brothers, 44 Regent's Circus, Piccadilly, Prop.—Daguerreotypes.

300 Sad, W., Wadsworth, Inv. and Prop.—Aerial machine.

301 Bigham, R. J.—Daguerreotype pictures.

302 Colle, R. & L. 168 New Bond St., Prod.—Sun pictures, on paper.

303 Leonard, S. W., 11 Upper St. Thomas St., Des.—Illustrations of the use of the microscope for detecting adulterations, and for discoveries in minute anatomy.

304 Smart, S. New George St., Sheffield, Manx.—Set of ten lenses for a single microscope, from 1-inches to 1-inch each, of an inch focal length.

305 Wray, W. 43 Havering St., Commercial Rd., East, Inv. and Manx.—A seven-feet achromatic telescope, into which a solid substitute is used in place of glass.

317 Denton, J. B., Gray Inn Sq., Inv.—Specimens of models or relief mapping. Workman's draining-levels.

318 Parson, C. C., 4 Trafalgar Sq., Inv. and Prop.—Spectacles.


320 Tybodeaude, or storm pointer, an instrument for obtaining, by inspection, the bearing and relative position of a revolving storm or hurricane, by Lieut.-Colonel Lloyd, constructed in accordance with the theory, commonly called the law of storms, as made known in several publications by Colonel Reid.

320a Boswell, J., 38 High Holborn, Manx.—Complete movable set of drawing instruments in electro or British metal. A variety of smaller sets.

320a Tapp & Co., 23 Charlotte St., Blackfriars Rd., Manx.—Ewart's improved gauge for computing the carcass weight of live cattle, &c. Rules, scales, &c.

325 Purvis, J., Newcastle-upon-Tyne, Inv.—Mechanical square, containing a plumb-rule, a spirit-level, a rule, and a slide-rule.

327 Town, W., 19 Stagate St., Lambeth, Inv.—Spirit meter on a new principle.

328 Haggard, W., Bank of England, Inv.—A double protractor, three inches square.

328 Sinclair & Hockley, 43 Gerard St., Soho, Des. and Manx.—Artificial teeth, &c.

329 Berth, T., Oldham.—Measuring and dividing machine. Rules, divided and divided by the machine.

329 Griffith, J., Darley Parsonage, near Derby, Des.—Standard barometer, manufactured by J. Davis, Derby.

329 Yeates, G., 2 Grafton St., Dublin, part Des. and Manx.—Barometers, theodolites, simple and effective air-pump, improved prismatic compasses, optica square, spectacles, &c.


334 Oswin, J., 15 Store St., Bedford Sq., Manx.—Chemical and other balances of delicate construction.

335 Bowes, S., 6 Marlborough Pl., Kennington Creek, Inv.—Patent power-engine and water-meter, and water and spirit meters.

336 Saw, J., Kirkaldy, Scotland, Inv. and Manx.—Self-acting calculator of surface. The area of any figure drawn on a plane is found by moving the tracer over the outline, however irregular it may be.
UNITED KINGDOM.


339 Bridges, G. Hampton Wick, Kingston, Inv.—Instrument for ascertaining distances of objects, by day or night.


341 Marriott, M. Montpelier Sq., Inv.—Delicate balance for chemical analysis and assaying.

342 Ross, W. Strathaven, Gorgie, Sutherland, Inv.—Graduator. An instrument for the approximate determination of heights and distances of objects; and it shows the time of day by the sun in any part of the globe.

344 Doyle, J. 14 Little New St. Prod.—Delicate balance for chemical analysis and assaying.

348 Dorn, G. 37 St. Alban's St. Lambeth.—Universal spirit level, for all kinds of machinery.

347 Cox, G. 5 Barbican, Muns.—Instrument for ascertaining correct time. The periphery, for the study of astronomy, &c. Beam draining levels.

353 Hard, J. 5 Wellington Rd. St. John's Wood, Inv.—Magnetograph, an instrument to enable a person to draw any object from nature, by actual measurement.

350 Barrett, B. M. 4 Jamaica Ter. Limehouse, Muns.—Improved lunar sextant. Plain sextant. Improved brass quadrant, divided to half minutes.

350 Taylor, J. 104 Minories, Muns.—Sextant for measuring angular distances between the heavenly bodies.

351 Powell, T. 121 Gray's Inn Lane, Muns.—Mathematical drawing instruments. Improved architect's scale, so arranged that every scale can be read off the edge.

353 Williams, W. 47 Johnson St. Somers Town, Inv. and Muns.—Instrument to draw lines radiating from a centre.

353 Adcock, J. 4 Marlborough Rd. Peckham, Inv.—Model of a new machine for measuring and mapping roads, &c.

354 Bakers, E. Gjestland, Somersetshire, Inv.—Model of an instrument called the Periphas, by which the ordinary solar and lunar phenomena are elucidated in a clear, simple, and unique manner.

355 Graham, J. High Row, Darlington, Brighton, Inv.—A rule for showing the circumference of a circle; also the sides of the square equal to a circle whose diameter or circumference is given.

355 Carstairs, F. 37 London St. Glasgow, Inv.—Azimuth compass. Engineer's improved indicating level. Mathematical and nautical slide rule. Improved thermometer, steam and vacuum gauge.

357 Hall, R. C.E. 8 Aston's Quay, Dublin, Inv. and Muns.—Self-adjusting hydraulic level.

357 Walker, A. Hillpark, Fochabers, Elgin, Scotland, Des. and Inv.—Improved theodolite, with an apparatus which calculates the lengths of the sides of small triangles. Offset staff, or squaring pole, &c.


370 Smith, W. Maidstone.—Early-calling machine.

371 Miller, J. Jun. 38 Thomas St. Woolwich, Inv.—Miller's opier perspective for drawing lines to a compass or centre.

373 Liddell, J. J. Edinburgh, Des.—Spirit levels used in draining, road levelling, &c.

373 Thompson, J. 4 Wellington Pl. West India Dock Rd. Limehouse, Inv.—Trigonometrical machine for marking out clothing.

374 Acocke, J. Teignmouth, Inv. and Des.—Registered scale of the diameter and quadrant of the circle, for measuring standing timber. Drawing of improved paddle-wheel. Drawings of an invention for determining and registering the duration of the courses of the wind, of a new water-wheel, &c.

376 Aono & Son, 5 Bear St. and 46 Cranbourn St. Inv. and Muns.—A seat scale weighing machine.


378 Ackland, W. 19 Dorset St. Portman Sq. Inv.—Machine for the true mathematical graduation of hydrometers, thermometers, &c. Scales for an hydrometer, showing specific gravities and per centages.

377 News, R. M. Westminster, Ireland, Inv.—Hydrometer, for ascertaining the specific gravity of liquids from 0.600 to 3.000. Pump for medical and other purposes. Door-spring, &c.

378 Hay, W. 113 Union St. Aberdeen, Des.—Foot gauge, by which the whole measurements of the foot is taken at once.

377 Fox, J. W. Falmouth, Inv.—Fox's magnetized balance, weighing to the tenth thousandth part of a grain.

378 Yates, E. M. Jans, 9 Portland Pl. Wandsworth Rd. Inv.—An instrument for the approximate determination of the problem of squaring the circle.

379 Dyas, H. Gt. Western Railway, Hungerford, Inv.—Registered office index and tablet memo, intended to assist the memory.

379A Russell, G. E.—Signal-dial for railways, to show the velocity and distance of a train.

386 Darwin, J. 13 Denmark Grove, Islington, Inv.—Portable house alarm, for the detection of fire and robbery. Universal sun-dial.

387 Wernicke, D. J. 5 Charing Cross, Pat. and Muns.—Calculating machine, adapted to Indian, American, Russian, Prussian, Brazilian, Portuguese, Mosaic, Roman, French, Turkish, Chinese, and English money, &c. Counting machine, for showing the number of strokes made by a steam engine, &c.

386 Matthias, J. H. 47 Hatton Garden, and 1 Dorset St. Bell's Pond, Inv. and Muns.—New invention for dividing lines, upon a geometrical principle.


389 Chamberlain, W. jun. St. Leonards-on-Sea, Inv.—Models of machines to record votes. Patented.

401 Hughes, W. Governor of the Blind Asylum, Manchester, Inv.—Typograph for the blind, a new mechanical contrivance enabling blind persons to express their thoughts upon paper: registered. A similar instrument for embossing or printing in relief.

402 Wilton, W. St. Day, Truro, Muns.—Fox's magnetic dip and intensity instruments. Miner's theodolite, or improved dial and quadrant, for underground and surface surveying.

403 Anderson, J. Queesnberry South, Edinburgh, Inv.—Patentive drawing machine.

404 Gravettus & Le Beau, 15 Coburn Rd. Mile End.—Daguerreotype portraits and pictures, with electrotypes taken from them.

404 Heywood, W. 95 Duke St. Manchester.—Experimental air-pump, with self-acting exhaust-tap.

407 Goodey, R. 78 Fleet St. Model of a pair of directacting steam-engines, with paddle-wheels. Plate electrical machine, air-pump, galvanometer, &c.

402 Bayes, J. 10 Great North Rd. Inv.—Improved air-pump without valves.

413 Allen, E. E. Steel Yard Wharf, Upper Thames
UNITED KINGDOM.


412 PARKES, W. J. 25 Newington Cres. Mann.—Artificial teeth, &c.

413 WATSON, H. Newcastle-upon-Tyne, Inv. and Mann.—Armstrong's hydro-electric machine, the production of electricity from steam, &c. Safety lamps, used in the coal mines, the steel mill used for producing light before the introduction of the safety lamp.

413A BROWN, F. (of Denmark), Finch St. Hanworth, near Brentford, Inv.—Working model of a patent electro-magnetic engine. Wooden model of improved construction.

414 NICHOLAS, W. Cambridge, Inv.—Electro-magnetic alarm for the protection of property against robbery or fire.

417 CRICKMER, J. Windmore Hill, Edmonton, Inv.—Electro-magnetic motive engine.

419 COSSER, J. 92 Bouverie St. Fleet St. Fleet, Inv.—Galvanic arrangement for purifying water and preserving animal substances. Sulphate of lime crystallized by a water battery. Hides tanned by galvanism.


420 HARRISON, C. W. & J. J. Richmond, Inv.—Electro-magnetic engine, for producing a motive power on a new principle.

420 BEESE, A. 139 Holborn Bars, Prop.—Brett and Little's patent electric telegraph, alarm bell, bell handle, and battery, with underground arrangement of conductors, &c.

420 WINTER, J. 44 Littlewood House, Leeds, Mann.—Walking-stick, containing an electric-galvanic battery and complete.

420 SMITH, G. B. 15 De Bouvot Terrace, Clapham Rd. Inv.—Compo electric telegraph and key-board.

425 BURDETT, J. 26 Hanover Sq. Clapham Rd. Inv.—Domestic telegraph, requiring only one bell for any number of rooms.

426 ALEXANDER, W. 52 West Register St. Edinburgh, Inv.—Model of an electro-magnetic telegraph, worked by means of volatile currents through metallic conductors.

427 REID, W. 25 University St. Inv. and Mann.—Electric telegraph instruments, adapted for hotels. Specimens of insulated wire, for submarine electric telegraphs, &c.

427 BESLER, W. T. 48 St. John's Rd. Clerkenwell, Inv. and Mann.—Large permanent horse-shoe magnets, weighing 6 cwt.; magnetoelectric machine; patent electric telegraphs worked by the magnetoelectric current.

427 MULLANY, A. & Co. 38 Oswald St. Glasgow, Inv. and Mann.—Conductor for electric telegraphs, consisting of a copper wire insulated with gutta percha, and inclosed in a leaden tube.

429 BARRIE, J. & J. W. 2 Hanover Sq. Pat. and Prop.—Electric printing telegraphs. Communicator or corresponding apparatus. Circuit regulator. A portion of the experimental wire passed along the bottom of the channel in August last, when messages were printed by this telegraph from England to France. Iron-protecting cable for enclosing the covered submarine wires, where great strength may be required. Inv. by T. W. B. Brett. Electric bells, &c. Pat. in Great Britain, America, France, Austria, Prussia, Belgium, Holland, Sardinia, and Spain.

430 WALKER, C. V. Tonbridge, Inv.—Modes of insulation of telegraph wires, compound needle, bell transfer, branch double turn-plate, lightning conductors, graphite battery, and other electric telegraph apparatus.

433 BRITISH ELECTRIC TELEGRAPH CO.—Highton's patent electric telegraphs and apparatus. Printing telegraph, adapted to one or two wires; another, by which any one of 26 symbolical characters is printed by a single touch of a key. More's arrangement of telegraph, worked by secondary power. Transgraph for showing the letters of the alphabet instantly, by the touch of a single key; with a revolving pointer; with a revolving disc. Series of indicating and pointing telegraphs, worked by various descriptions of coils and steel magnets, and by coils acting on soft iron. Series of telegraphical alarms, &c.

433 BAKKELAAR, F. 6 Haverton Terrace, Hampstead, Inv. and Pat.—Electric copying telegraph.

433 BROMBERG, J. 100 High St. Marylebone, Inv.—New instruments for taking measurements, and cutting out costs.

434 BAIN, A. Beeswur Lodge, Hammersmith, Inv.—Electric clocks. Time-ball, to be discharged by electricity.

435 FRENCH, W. H. Cardiff, Wales, Inv.—Hydro-fluid distributor, or water telegraph, gas, and fire-engine controller. Electric printing telegraphs, &c. Parrot's, for filing newspapers, periodicals, &c.

436 DIXON, G. E. Lockley's Walwyn, Herts, Inv. and Pat.—Electric telegraph apparatus, illustrative of many improvements.


438 EDWARDS, J. B. Liverpool, Prod. and Mann.—Series of glass retorts, hoppers, evaporating basins, and other glass and porcelain vessels for chemical purposes.

438A BOWDELL, W. W. Falmouth, Inv. and Mann.—Carbonized cast-iron magnet. Impressions and specimens of seal, executed by machinery.

439 HEARD, J. N. 34 George St. Plymouth, Inv. and Mann.—Cast-iron compound horse-shoe permanent magnet, &c. applicable to every purpose requiring high magnetic power. Medico-galvanic apparatus. Rarefying apparatus for producing a draught in ventilating flues, &c.

439A SHAW, T. 85 Burgess St. Sheffield.—Small magnets. Compound magnets with four bars, for a magneto-electric machine.


441 WATTS, G. 2 Old Burlington St. Inv.—Instruments used in dental surgery. Specimens of artificial teeth.

444 WESTMORELAND, J. Derby, Des.—Patent gutta percha electrical machine.

446 GREEN, S. 7 Helmet Row, Old St. Mann.—Various compasses and sundials. Damp detectors. Angle-meters.
UNITED KINGDOM.


Ivory circular thermometers with compass or magnetic sundial. Miners compass with sites, &c.

447 ALLCOCK, E. St. Peter Port, Guernsey, Inv.—Model of a machine to determine the distance run by a ship, and also the ship's place on the chart.

448 BARNES & MORGAN, Inv.—Pair of carpenters' compasses, with an improved spring joint.

448 Bowers, B. Sheffield, Yorkshire, Des. and Mann.—Improved magnetic lightning conductor. Five-pointed diverging magnetic conductor, mounted upon electric rod.

449 CARWOOD, J. 112 Leadenhall St. Mann.—Solid arch sextant, double limb sextant, coast surveying sextant, quadrants, azimuth compasses, theodolites, levels, telescopes, grammers, callipers, &c.

450 Knowles & Sons, Foster Lane.—Chemical cabinets.

451 Portable universal chemical furnace, on the principle of Dr. Black. Improved air-pump. Plate electric machines, and galvanic batteries.

452 Working models of electro-magnetic motive engines. Lathes for cleaning and polishing daguerreotype plates; invented by G. Knight.

453 COPPER, J. A. & Sarras, J. 4 Providence Row, Finsbury, From improved chemical apparatus, containing a still head, with pan for descanters, &c.; a drying closet, a condenser for steam, &c.

454 TUDORS, R. Ollerton, Nottinghamshire, Inv.—Mechanical music desk, for use in an orchestra, or to be affixed to a pianoforte; with a single pedal, to turn over music.

455 GREENE, S. & Co., Lambeth, Mann.—Water filter on the principle of ascension. Chemical pottery vases, in terra cotta chemical stone ware; and in vitreous salt-glazed stone ware, &c.

456 GRAY, J. J. & Co. 52 Baker St. Mann.—Graduated glass instruments for chemical testing in the arts; decimal weights and measures; hydrometers; ammometers; &c. for hydrometer for liquid ammonia; small chemical apparatus, &c.

457 ALLMAN, F. 12 Stanhope Pl. Hyde Park, Inv.—An electric table-lamp, suitable for a room, or to be affixed to a pianoforte; with a single pedal, to turn over music.

458 GRAY, J. J. & Co., 52 Baker St. Mann.—A trigonometical model of the Undercliff, Isle of Wight, from a trigonometrical survey, the vertical heights being on the same scale as the base.

459 POWNALL, C. J. Kesington, Inv.—Electric telegraph, passenger index, indicator, &c.

460 HARRISON, J. 3 Chorlton Ter. Upper Brook St. Manchester, Inv. and Mann.—Electrical battery, a substitute for the Leyden jar, galvanic battery, combining the inventions of Faraday and Frascardo, &c.

461 HARRISON, J. 46 Upper John St. Fitzroy Sq. Mann. and Inv.—Improved pianoforte action.

462 WELLWAY, J. S. 7 Denmark St. Bristol, Inv. and Mann.—Syphon trough, for galvanic battery, made of gutta percha and vulcanized India-rubber. Registered portable gas lamp.

463 TAYLOR, T. 17 Fleet St. Dublin.—Pneumatic battery, for igniting gunpowder in blasting operations.

464 KIRKMAN & Son, 3 Soho Sq. and 9 Dean St.—Miniature pianoforte. A complete model of a grand pianoforte in ebony, carved and gilt, with the modern improvements.

465 KIRKMAN & Son, 3 Soho Sq. Mann.—Miniature model of grand pianoforte. Full grand, with repetition action. The fender semi-grand, and oblique piccolo pianofortes.

466 GREER, G. F. 51 Upper Marylebone St. Portland Pl. Inv.—Semi-grand pianoforte, with mason tuning-screws, and repeat tongue check action.


468 STODART & Son, 1 Golden Sq. Mann.—Patent horizontal grand and compact-square pianoforte.

469 CADER, C. Gray's Inn Pianoforte Manufactory.—Grand and upright cottage pianofortes, on his new patent suspension principle.

470 ROYES, W. & Sons, 61 Cheapside, Mann.—Self-performing pianoforte. Two-unison common cottage pianoforte, with check or double actions, &c.

471 BERNHEIM, J. 15 Charlotte St. Fitzroy Sq. Mann.—Registered pianoforte, with improved joint and music suspension.

472 MITCHELL, G. 37 Gt. Marlborough St. Mann.—Small size cottage pianoforte, made in pollard oak, O G or arched fall, with ornamental shell front.

473 MOORE & Co. 104 Bishopsgate St. Within, Des. and Mann.—Grand horizontal pianoforte, of new design.

474 LEAF & Son, 106 Gt. Russell St. Bloomsbury, Mann.—Albert pianoforte for harmonium.

475 ALLMAN, F. 22 Black St. Inv.—The tavola pianoforte. A drawing-room piano, upon a centre-bank or pedestal; contains a pianoforte on a grand principle, and a music closet. Provisionally registered.

476 ENFIELD & STEEDMAN, 31 George St. Mann.—Elegant walnut marquetry semi-cottage pianoforte, with double action, &c. Square-fall piccolo, or microchord pianoforte.

477 ALLMAN, R. S. 69 Regent S. Mann.—Walnut-wood registered cottage pianoforte; the keys alternated in colour, to show all the scales.

478 JONES, J. C. 21a Soho Sq. Inv. and Mann.—A double or twin semi-cottage pianoforte.

479 HOLDENWORTH, C. 444 New Oxford St. Mann.—Cottage grand pianoforte, with repeating check action.

480 ALLMAN, R. 106 Wardour St. Oxford St. Mann.—Cottage pianoforte in walnut-veneered, carved and inlaid.

481 JENKINS, W. & Sons, 10 London St. Fitzroy Sq. Inv. and Mann.—Expanding pianoforte for yachts, &c. Cabinet pianoforte in the Elizabethan style.

482 NICKELS, B. 17 York St. York Rd. Lambeth, Inv. and Pat.—Patent double pianoforte.

483 ADDISON, R. 20 Birley St. Pat.—Royal Albert triplex pianoforte, with movable key-board, hammer and strings.

484 ACON, G. H. Colchester, Des.—Pianoforte, in plate glass case, gold carvings, &c. Ottoman, of novel description, &c.

485 DIMOULIN, A. Denmark St. Bristol, Des. and Mann.—Registered compensation pianoforte, seven octave.

486 KIRKMAN, W. H. H. Bridgewater, Somerset, Inv. and Mann.—A pianoforte of improved construction, with bevel movement of the damper.

487 SETTLE & ROBERTS, Birmingham, Inv., and Mann.—Cottage pianoforte, with grand action and repeater, having a sounding-board and back on the principle of a violoncello, suited for hot climates.

488 BRAUN, J. 26 Mount St. Grosvenor Sq.—Model of the Queen's grand pianoforte; with case of Amboyna wood, and chased and gilt ornaments, containing a barrel which performs twelve airs. Manufactured by Berens, Blumberg, and Co. Travelling type, with transparent key, manufactured by Christy and Co., Gracechurch Street.

489 WOOLLEY, T. Nottingham, Pat. and Man.—Equilibrium patent pianofortes for all climates. Grand piano, and utilidor piano.

490 HARRISON, J. 28 Bloomsbury St. Mann.—Pianoforte with transporting mechanism, metalloal equilibrium string frame, adjusting tension rods, and improved sound-board.
UNITED KINGDOM.


484 Towns & Packer, 20 Oxford St, Manu.—Grand transposing pianoforte. Micrometer piano-cases of economic construction.


486 MOTT, R. H. B. 76 Strand, Inv. and Manu.—Patent metallophone grand pianoforte, not liable to be affected by change of climate or weather. Horizontal grand pianoforte, with metal frame.

487 WORRIS, B. Stores Str, Inv. and Manu.—Improved pianoforte with new patent action. Bedford pianoforte.

491 TURNER, W. 6 Frederick St, Regents' Park, Manu.—Set of pianoforte keys.


494 KERES & PASE, 141 Strand.—Bass horns with valves, French horn, trombones, trumpets, ophicleide, euphonium, cornet-b-pipes, flutes, drums, &c.

495 MOULT, J. B. 3 Waterloo Pl, Edinburgh, Inv.—Tuning-fork, with chromatic scale, by which any note may be struck at pleasure.

496 DODG, E. 112 Vauxhall Walk, Lambeth, Manu.—Violin, violoncello, double bass, and harp strings.

497 DERRY, J. F. Cheam, Herts, Manu.—Box of musical bells.

498 HUBBROKE, J. 37 Suffolk St, Birmingham, Inv. and Manu.—Cornet, trombone, cornet, sax horn, keyed bugle, long valve trumpet, &c.

499 HENRY & Co, 3 Bridge Row, Prop.—Newly-invented musical instrument, called "Flutea,"

500 HENRY & Co, 2 Bridge Row, Manu.—Orders of knighthood, masonic jewels, head ornaments, bracelets, brooches, &c. in imitation of precious stones.

501 GOSWICK, Bower, 13 Manchester St, Soho Sq, Manu.—A violin, viola, violoncello, &c., made after the model of the exhibitor's grandfather, popularly known as "Old Forster."

510 HASPE, J. K. Leeds, Manu.—Violoncello constructed upon improved principles.

511 ABBOTT, J. 76 Queen St, Edinburg, Inv.—Centripetal regulating pegs and pins, for tuning instruments. Spring "capo-taste, for the guitar, changing at once the dissonance of the strings.

512 McKEE, J. 140 Capel St, Dublin, Inv.—Cambridge cavalry field-trumpet-bugle. Ball cornet.

514 CHURCH, G. 13 Berkeley Pl, Bristol, Inv.—Wrist-supporter, for the piano-forte. Improved piano-forte. Improved finger-board for the violoncello, and other bowed instruments.

516 EDWARDS, J. & Son, Church St, Berchem, Inv.—An instrument to give strength and flexibility to the fingers of all instrumental performers.

517 PACE & SONS, 22 King St, Westminster, Inv. and Manu.—Cornet, trumpet, and cornet, and without angular turnings.

518 BROADWOOD & SONS, 33 Gt Pulteney St, Manu.—Four grand pianofortes, of different constructions.

519 BERTS, A. 27 Royal Exchange, Manu.—Two violins.

520 OATES, J. P. Lichfield, Imp.—Improved brass musical instruments: Cornets, pista-cor, sax-horn, trumpet, Staffordshire horn, &c. Spring door-plate and elastic blind-rack.

523 PECH, MRS. ARMENDO, 23 Norfolk Crea, Hyde Park, Inv.—Gioce di Enterpe, a new musical game.

524 JORDAN, J. 34 Manchester St, Liverpool, Inv. and Manu.—Newly-invent ed euphonium serpentiaflode, euphonium horn, tenor-valve ophicleide, and corneterez.

525 PANSORE, L. 31 High St, Bloomsbury, Inv.—Enharmonic guitar (inv. and prop. T. F. Thomas, M.F.), capable of being arranged in the perfect ratio for upwards of 30 keys.

526 WHITSTRAZE & Co, 20 Conduit St, Regent St, Pat. and Manu.—Concertinas, treble, baritone, concert tenor, concert bass, double, &c. Symphonium. Portable harmoniums, &c.

527 WARD, 36 Gr Titchfield St, Inv. and Manu.—Kettle, bass, and side or signal drums. Patent flute. Newly-con structed bassoon.

527 WARD, C. 36 Great Titchfield St, Inv. Pat. and Manu.—Improved kettle-drum, bass-drum, side or signal drum; flute, and bassoon.

528 SEWELL, R. Bell's Pond, Inv. and Manu.—Seraphine, with bi-hromatic or double scale of notes.

529 SQUIRES, J. 36 Piccadilly, Inv. Pat. and Manu.—Fermentation. Eolophon, with two sets of vibrators. Portable Eolophon, for flutes or violoncello parts, &c.

529 ELDERS, R. 11 York St, James' Sq, Des.—Achieved stand.

531 BAY, J. 26 Westmoreland St, Dublin, Inv.—Double-action harp, with additional notes, music-stool, desk, and stand.

533 JONES, B. Cardiff, Wales, Des. and Manu.—Grand triple-string Welch harp.

533 SIMPSON, T. Sea Lion Hotel, Hanley-in-the-Potteries, Inv.—Norma Virium, or musical accompaniment, intended to supersede the metronome.

535 SCULL, A. 135 Fleet St, Inv. Pat. and Manu.—Distonic flutes, retaining the old system of fingering while affording numerous additional fingerings, on a system strictly based upon acoustical principles.

536 HODAL, F. & Co, 38 Southampton St, Inv. and Manu.—Carte's patent flutes, in silver and wood. Boehm's patent flute. Improved ordinary flute.

537 PURDY & FENTY, 74 Dean St, Soho, Inv.—Violins, violoncellos, double bass. To exhibit oil varnish equal to that on the Cremona; an art supposed to have been lost.

538 POTTER, H. 3 Bridge St, Westminster, Inv.—Clinton's flute, improved.

540 KERES, J. 33 Henrietta St, Covent Garden, Pat. and Manu.—Patent valved wind instruments.

541 GUINNESS, R. 58 East St, Manchester Sq, Inv.—Violin and violoncello. Self-acting pegs for tuning violins, violoncellos, and tenors.

542 GARRETT, R. 64 King St, Whitehall, Inv.—Double-piston lots cornets, with straight and curved tubes.

543 DODG, J. Image Cottage, Holwood, Inv.—Bows for the violin, tenor, and violoncello, mounted with gold and tortoiseshell. Silver strings for the violin, violoncello and harp.

544 CHADL, R. 13 High Holborn, Des. and Manu.—Concertinas, in ivory, with gold stops.

545 CASE, G. 16 New Bond St, Inv.—Concertina three octaves and a half compass.

546 CARR, W. 23 St James' St, Des. and Manu.—Silver, gold, electro-silvered, and other flutes.

547 CALLTON, J. 31 A. miral Ter. Vauxhall Bridge Rd, Inv. and Manu.—Newly-invented French horn and cornet a-piston without loose crooks.
UNITED KINGDOM.


583 Rooms, T. F. 67 John St. Fitzroy Sq. Manu.—Organs; metal pipes—trumpet, banjo, cornet, flute, open diapason, viole de gambe, and karamaphphon.

584 Groom, J. Walton, Norfolk, Inv. and Manu.—Transparent mechanism for instructing large classes.

585 Mathews, W. S. 6 St. James St. Nottingham, Inv. and Manu.—Model of the string frame of an upright pianoforte with lever tuning apparatus. An upright pianoforte, with improvements.

586 Andrews, E. 4 Palatine Buildings, Manchester, and 56 Oxford St. Inv.—Apparatus for giving position and strength to the fingers in learning the piano.

587 Bishop, J. C. 1 Lissom Grove South, Des. and Manu.—Cabinet organ, containing composition pedals, &c.

588 Dawson, C. 395 Strand, Inv.—Autophon, the tunes being produced by means of perforated sheets of mill board.

589 Gray & Davidson, 9 New Road, Fitzroy Sq.—A small church finger organ, the whole of the stops contained in a swell, with Bourdon pipe independent of the manual. Plays any number of tunes without shifting the barrels in and out of the organ.

590 Hill, W. & Co. Tottenham Ct. Rd. Des. and Manu.—Flute organ with two sets of channels, containing reed stops, which operate the pipes at the same time for the joy of five and six flats.

591 Holdsworth, G. M. H. 6 Judd Pl. East, King's Cross, Manu.—Small choir organ, with peculiar stop called the “disconet.”

592 Rossouw, T. J. F. 101 St. Martin's Lane, Manu.—Electrophone (T. Perret Thomas, M.P. Inv. and prop.), capable of executing with the perfect results within in 18 keys; or in 20 with the exchange of one or two pipes in the octave, for the keys of five and six flats.

593 Walker, J. W. 27 Francis St. Bedfor Sq. Manu.—An organ (in the Tudor style, designed by Banks and Barry), adapted for a hall or music room.

594 Foster & Andrews, Hall, Inv. and Manu.—Original model of transposing organ, which enables the performer to change the pitch of the instrument five semitones higher or lower from a given pitch: the manuals remain stationary. Alarm or fog signals, for railway guards, or ships at sea.

595 Groome, W. B. 175 Fleet St. Inv. and Manu.—Artificial leg, artificial eyes, spring braces, &c.


597 Milne, J. Street, near Glastonbury, Inv.—Improved double truss for hernia, invented by a labouring man.

598 Masters, M. 12 St. David St. Newington, Manu.—Artificial leg.

599 Caplin, J. F. L. Strawberry Hill, Pendleton, Inv. and Manu.—Gymnastic apparatus, and orthopedic instruments, for deformity of the spine, &c.

600 Switzer, J. 100 Bridge St. Bradford, Yorkshire, Manu.—Artificial leg.

601 Longmore & Turner, Derby, Inv. and Manu.—Elastic surgical stockings, knee-caps, belts, &c.

602 Sutre, S. 1 High Holborn, Manu.—Trusses, bandages, &c.

603 Sutre, S. 1 High Holborn, Manu.—Trusses, bandages, &c.

604 Grahame, S. J. Baker St. Manu.—Artificial teeth, &c.

605 Honley, J. West Regent St. Glasgow, Des. and Manu.—Artificial teeth.


608 Ash & Sons, 5 and 9 Bread St. Golden Sq.—Artificial teeth.

609 Fenwick, W. 175 Prospect Pl. Maiden Hill, Paddington, Des. and Manu.—Artificial teeth.

610 Ronson, J. 7 Gower St. Bedford Sq. Inv.—Artificial teeth, and dental apparatus.

611 Rind, R. 19 Heriot Row, Edinburgh, Inv.—Compress for alveolar hemorrhage.

612 Ranson, E. S. Verulam Pl. Hastings, Manu.—Case of artificial teeth.

613 Mollison, J. S. Grove Ter. St. John’s Wood, Inv.—Mollison’s pedestal pholiphen.

614 White, J. 266 Piccadilly, Manu.—Patent Moo-main Lever Trusses.

615 Ton, D. 5 Upper Fitzroy St. Fitzroy Sq. Inv.—Single and double trusses.

616 Thomson, H. Greenock, Scotland, Inv.—Apparatus intended for fractures of the thigh or leg.

617 Barrie, T. & Co. 26 Conduit St. Regent’s St. and 115 New Bond St. Manu.—Surgical instruments for contracted knees. Portable spring crutch. Trusses. Portable cloak boat, &c.

619 Fuller, J. 230 Whitechapel Rd.—Artificial leg, eyes, and nose. Surgical instruments, &c. Antique metal-gilt oval watch, made in the reign of Charles 1 by Francois Nave, at London.

620 Salton, Oyt, & Co. 293 Strand, Inv. and Manu.—Patent single and double self-adjusting trusses. New resisting, anti-pressure, self-adjusting truss, suggested by Dr. Arnold.

621 Brunton, J. Huddersfield, Manu.—Artificial leg.

622 L’Estrange, F. 33 Dawson St. Dublin, Inv.—Patient trusses. Apparatus for the reduction of dislocations, and for the cure of fractures of the lower jaw. Lithotrite instruments, &c.

623 Huxley, E. 5 Vere St. Manu.—Stockings, knee-caps, knee-pieces, and anclets, for various veins, weakness, sprains, fractured, &c.


625 Miles, R. 15 Liverpool St. Bishopsgate, Prop.—Mimal teeth.

626 Arnold, J. Upper Marylebone St. Inv. and Part Manu.—Universal limb-rest, with elevating and revolving actions.

627 Chapman, T. & Alderman J. 8 Denmark St. Soho, Inv. and Manu.—Invalid’s couch.

628 MacArthur, C. Upper Camden St. Dublin, Inv.—Jaw-levier, for keeping open the mouth of any animal whilst administering medicine, &c. A temporary horseshoe, to fasten on without nails.


630 Fidzi, S. L. 6 Dalby Ter. City Bd. Islington, Inv. and Manu.—Universal drill, for removing decay from teeth.

631 Chestnutt, R. F. 35 Strand, Inv.—Artificial human eyes, eyes for figures, animals, dolls, and birds.

632 Atkinson, R. F. 35 Strand, Inv.—Artificial limbs, trusses, and bandages.

633 Whitley, R. 12 Lloyd's Pl. Brompton—Surgical operating table.


635 Borton, A. 3 St. Marlborough St. Regent St. Inv. and Manu.—Elastic chest-expanders.

636 Spratt, W. H. 2 Brook St. Hanover Sq. Manu.—Single and double trusses, pads, belts, and bandages, of various constructions. Elastic laced stocking. New spinal chair which may be used as a bed, chair, sofa, or in a carriage.

637 Lydiate, M. 264 High St. Borough, Inv. and Manu.—Trusses for hernia, &c.
UNITED KINGDOM.


614. Luks, J. Bideford, Inv. and Manuf.—Dekesul invalid bedstead.
615. Herring, J. H. 46A, Liverpool St. Inv. and Manuf.—Spring-bandsages, belts, etc.
616. Herring, J. H. 46 Liverpool St. City, Prop.—Pulpit, containing a gutta-percha hearing apparatus, for the deaf in churches, chapels, lecture-rooms, etc.
617. Henderson, R. 27 Cumberland St. Fortescue, Inv.—An artificial leg; the foot constructed so as to dispense with steel gauntlets.
618. Archibald, J. M.D. 34 Baker Str. Portman Sq. Inv.—Apparatus for regulating the temperate of morbid parts, and causing equal pressure. Apparatus for removing concretions or obstructions in the excretory canals, etc.
620. Ascham, W. H. 9 New Cavendish St. Inv.—Telescopical case for anatomical skeleton. The post Cowper’s living—anatomical—the common leech, enclosed in a glass tube.
623. Farcusworth, J. Ealing, near Brentford, Inv.—Spring stamp for a wooden leg, which takes off the jerk in walking.
625. Salt & Son, 21 Bull St. Birmingham, Manuf.—A large assortment of surgical instruments of all descriptions, trusses, fracture apparatus, etc.
626. Kett, C. 105 Strand, Inv.—New ear-trumpets. Acoustic chair, vases, telescopes, whispering tubes, domestic telephones, etc.
627. Greenhow, T. M. Newcastle-upon-Tyne, Inv.—Fracture-bed, for the treatment of patients having fractures of the thigh and leg.
628. Ferguson & Son, 21 Giltspur St.—Complete set of surgical instruments, for capital and minor operations. Apparatus used in orthopædic surgery.
629. Weiss & Son, 63 Strand, Manuf.—Cabinet of surgical instruments, for every operation in surgery. Apparatus for examining the ear, throat, and different canals of the body. Invalid bed.
630. Ellis, J. 41 Spring St. Sheffield, Manuf.—Amputating and post-mortem instruments. Pocket instruments, and scissors. Lancets and trusses.
632. Hackett, W. 4 Francis St. Golden Sq.—Instruments, mineral teeth, and materials, used by dentists.
633. Downing, C. T. M.D. 42 Gt. Russell St. Inv.—The anaesthecosm, an apparatus for applying warm medicated vapour for tic douloureux, etc.
634. Fray, J. 10A Charles St. Middlesex Hospital, Manuf.—Cupping instruments.
637. Wexford, T. 41 Hart St. Bloomsbury, Manuf.—Surgeons' instruments. Various patterns of small instruments used in minute dissections, for the microscope, etc.
638. Philips & Wrench, 67 St. James's St. Manuf.—Cutlery and surgical instruments.
639. Simpson, H. 55 Strand, Manuf.—Instruments for a surgeon in the navy, etc. Amputating and other surgical instruments. Cutlery, etc.
640. Garries, Electrical machines.
641. Wood, W. R. German St. Brighton, Manuf.—A series of mechanical adaptations for regulating and preventing the irregularities of the permanent teeth.
642. Evans & Co., 10 Old Change, Manuf.—Surgical instruments.
643. Gowing, T. W. Camden Tn. Inv.—Instruments for operations on the teeth of horses, etc. Apparatus for fractures.
644. Napier, D. & Son.—Compasses.
646. Eyre, J. Charles St. Middlesex Hospital, Manuf.—Dentists' and surgical instruments, in the various stages of manufacture, etc.
647. Hess, R. 16 Little New St. Shoe Lane, Manuf.—The registered osteotome, a surgical instrument for cutting bones.
649. Small, T. Boston, Lincolnshire, Inv.—Apparatus for restoring suspended animation in persons apparently dead.
650. Thorpe & Watts.—Electrotypes, etc.
651. Jones, P. High St. Fulham.—Improved metallic shield.
655. Jones, T. 28 Lombard St. Inv.—Silent alarm bedstand to turn any one out of bed at a given hour.
656. Simons, —Chemical apparatus.
659. Bell, Major G.—Tabular presentation of universal historical, literary, and artistic time, extending over a surface of nearly 4,000 years, in 25 diagrams.
662. Richardson, Capt. G. A. Stirling, Scotland, Inv.—Portable telescope stand, with desk for artists, engineers, land surveyors, etc., with various useful improvements and apparatus.
663. Electric Telegraph Company.—Series of telegraphs.
664. Sanderson, C. Friar St. Reading Inv.—An instrument to facilitate the laying down of curved sidings and crossings on railways.
665. Simons, W. V. South Shields, Des. and Manuf.—Electro-magnetic machine, with an improved arrangement of the primary coil and contact breakers, etc.
666. Ward, W. R. Clapham Rise, Inv.—Closed cases, by which plants may be grown in an locality, even in the centre of the most crowded cities, or conveyed from one country to another with complete success.
SECTION III. - MANUFACTURES.

CLASS 11. COTTON.

1. JACOB, J. B., Adam St., Edinburgh, Man.—Fine wool shawl, woven on the Spolino or loop principle, to show that this mode of weaving would be applicable for figured wool shawls of the finest description.

2. WAGNER, J. & E. Karltsow, Malrose, Man.—Cotton gingham for dresses, hand-loom wrought.

3. Pullins & Sons, Ferry, Man.—Umbrellas and fancy gingham, handkerchiefs, and woollen derbies.

4. Bradbury, Grindon, & Brails, 6 Aldersham, Prop.—Specimens of window curtains.


6. ANDERSON, J. & D., Glasgow, Man.—Checked cotton gingham and checked cotton cravats.


8. Finlay, W. & Co., 25 Dundas St., Glasgow, Man.—Lapet muslin; tartan; and lappets. Lapet flounced muslin dresses, &c.


10. Young, J. & Co., Glasgow, Man.—Muslins, &c. suited for East India, house, American, and continental markets.

11. French & Co., 39 Queen St., Glasgow, Man.—Specimens of gingham, hand-loom woven.

12. Hartley, J. Chryston, Glasgow, Des. and Man.—Three dresses; and one piece of gentlemen's handkerchiefs.

12a. Walker, W. 13 Marsh's Sq., Manchester, Man.—Cotton cloth, with specimens in imitation of woolen broad cloth, beavers, Wiltzes, &c.

13. McKINNON & Co., Glasgow, Inv. and Man.—Cotton table-cloths; bird's-eye diaper and huckaback towelling; furniture and jean stripes; gingham, &c.; all made by patent power-loom. Table-cloths and tartans, the weft being from hemp, prepared by E. Stock, of Renfrew, Scotland.


15. Lincoln & Esquire, 3 Eckville St., Piccadilly, and 58 Union St., Borough, Inv. and Man.—Hats, with calico foundation. Drab hats for India, &c. Chess-table, &c. made of prepared calico, turned, carved, japanned, &c. in imitation of grained wood.

15a. Jethro, Blyth, & Jethro, Friday St., Man.—Specimens of various plain muslins, woven from the same quality of yarn. Tambooned muslins. Gingham for dresses.


17. Auld, Baxie, & Mathieson, Glasgow, Man.—Book muslin; small muslin; jacquet muslin; bishop lawn muslin; Sachemilla and Tartan book muslins. Sachemilla muslin, harness, and Leno book muslins.


19. McKINNON, E., Carlisle.—Carpets, of six qualities, made principally for the American trade.

20. Lowthian & Park, Carlisle, Man.—Varieties of gingham, checks, stripes, poplins, &c. for the home, foreign, and colonial markets. Samples of dyed yarn.


22. Sedgwick, J., Bolton.—Counterpane, exhibited for weaving.

23. Greenhalgh & Sons, Mansefield, Man.—Specimens of double cotton yarns, as used in the manufacture of lace, gloves, hosestry, ribbons, cloths, and for sewing and knitting.

24. Clarke, J. P., King St., Mill, Leiceste, Man.—Patent embossed wood, metallic and other reeds, containing sewing cotton. Reels also shown in their different stages of manufacture.


26. Greenhalgh & Sons, Mansefield, Man.—Specimens of double cotton yarns, as used in the manufacture of lace, gloves, hosestry, ribbons, cloths, and for sewing and knitting.

27. Clarke, J. P., King St., Mill, Leiceste, Man.—Patent embossed wood, metallic and other reeds, containing sewing cotton. Reels also shown in their different stages of manufacture.

28. Harker, W. S., Leiceste, Pat. and Man.—Reels exhibiting specimens of sewing cotton, and patent reels constructed to prevent impulsion as regards the length of cotton upon each.

29. O'Connor, J. 37 South Main St., Cork, Ireland, Man.—Specimens of linen and cotton gingham.

30. Evans, E., Darley Abbey, Derby, Man.—Sewing cotton of various kinds, made up in different forms for use.

31. Cross, G., and Co., Corporation St., Manchester, Man., and Joint Pat.—Very wide dyeing; lambkins; shoe linings; twill; cord, &c. Articles of wearing apparel, produced by patent machinery.

32. Baxley, Good, & Jones, Bolton, Man.—Figured quilting vesting; white and coloured quilting bed-cover; and white woolly bed-cover, waltz quilts.


34. Mersoon, Steele, & Co., Bolton.—Counterpane and quilting bed-cover, or toilet-quiet. Fine diamond quilting, for waliscease.

35. Hollis, W. & Co., Pleasley Works, near Mansfield, Nottingh, Man.—Merino, Cashmere, and cotton hosestry yarns, used in the midland counties in the manufacture of hosestry, and on the Continent for knittings, and hosestry purposes.
UNITED KINGDOM.

Class 12. Woollen and Worsted.

20 MAURER & GILL, 49 Cannon St. Manchester, Man.—Patent double scuttle and nasken for stays, consisting of two cloths woven together, and stitched, during the process of weaving.

41 BAXLEY, T. Manchester, Man.—Case, containing illustrations of the progress of the manufacture of cotton, from the raw material to the finished results, in the coarse and fine departments of the trade.

42 HOEZJZER & Co. T. & Co. Little Lever St. Manchester, Cotton Spinners.—Specimens of fine cotton yarn, and of double yarn, or fine cotton lace thread.

43 SMIRKES & Son, Marriott's Ct. Manchester, Man.—Bedquilts, white woven, quilted in the loom, coloured woven, &c. Figured quilting hangings, for beds or windows. Quilting waistcoats.


47 BARKS, LOWLEY, HOLSTED, & Co. 91 Watling St. Prop.—Muslin manufactured in Scotland, etc.等.

48 BROWN, MILLER, & Co. 9 Bread St. Man.—Long cloths and twilled shirtings.

49 MACK & Son, & Co. 60 Friday St. London, and 183 Ingram St. Glasgow.—Muslin window curtains; lace window curtain; and muslin dresses, figured in the loom. Muslin, made from No. 5506 cotton yarn, spun by T. Holdsworth, Manchester; believed to be the finest ever made; bleached by John Wallace and Co. Scotch needle and tambour work. Printed flannels, twilled bandannas, and cambric handkerchiefs.

50 PATTERSON, JAMIESON, & Co. 58 Dundas St. Glasgow, Man.—Gingham and handkerchiefs; fabric all cotton, hand-woven, or printed.

50 CROCHERS, J. & A. 31 Friday St.—Blind and curtains of harness woven muslin, &c. Printed cotton, for furniture uses.

Class 12. Woolen and Worsted.

Class 15. Mixed Fabrics, including Shaws.

1 SCOTT & WRIGHT, Vigo St. Regent St. Prop.—Elastic dressings, and Scotch, and Scotch dressings for trousers, railway, and travelling shaws.

2 EAST, LONDON, & HOLLAND, 10 Old Bond St. Man.—Fancy woollen shawls and coverings.

3 SCHOFIELD, BROWN, CASH, & HALKE, 1 Graham St. Prop.—Cravats. Shirt-collars and flannels composed of various materials.

4 TWEDDALE & Sons, Healey Hall, near Rochdale, and 56 Wood St. London, Man.—Superfine Saxony, and fine twilled cricketer's flannel. Anti-rheumatic and imitation Welsh flannel.

5 LEACH & Sons, 83 Wood St. Man.—Flannels from English and Australian wools. Coatings, swansdown, kasu Saxony, &c.


10 BAXERSON & Co. 5, 6, 7, and 8 Bow Ch. Yd. Man.—Trousers, shepherd plaid and fancy waistcoatings. Drills, &c.

11 MURPHY, W. & C. 4 Bow Churchyard, Cheapside, Inv.—Waistcoat lengths, cotton; silk and cotton; silk, wool, and cotton; silk and wool plait; silk and linen; wool and cotton.

12 GOODWIN, J. Lawrence Lane, Prop.—Vestings, Quiltings, all cotton. Livery valencias. Silk figured, cashmeres and China grass lustres, mixed fabric.

13 BULL & WILSON, 52 St. Martin's Lane, Prop.—Fine cloth, manufactured at Bradford, Wilts, from Saxony wool. Fine scarlet cloth, manufactured at Stroud, Gloucestershire. Black beaver cloth, woven by a patent process, invented by Mr. Daniels, of Freshford Mills, Bath. Himalaya cloth, &c.


15 KOBBER, C. 11 Queen St. Golden Sq. Man.—Improvements in fixing colours upon cloth.


17 SMITH, J. B. & Co. 38 Basinghall St. Prop.—Woollen cloth waterproof, but not imperious to air.


19 STANCOMBE & Son, Trowbridge, Wilts, and 19 Basinghall St. London, Man.—Doskins, fancy moleskins, and fancy Angoras; twilled buckskins, imperial cloths, &c. for summer coats; and Venetian cloth.


22 SHEFFER, W. T. & G. Frome, Somersetshire, Man.—Woollen cloths and cashmeres.


24 BERRY BROTHERS & Co. Wood St. Man.—Black and white-green cloths, black casimores, black doskins, fancy turnings, &c.

25 BROOK & Son, Upperthong, near Huddersfield, Man.—Woaded black broad cloth, doskin and casimere.


27 MIDDLEOKERK, J. Birstall, near Leeds.—Cloth flannel, of extra width, and of the natural colour of the wool.


29 ODLY, S. Armley, near Leeds, Man.—Coloured fine wool shawls, with rich embroidered corners, &c.


32 PAVON, SOW, & MARTIN, Stonebridge Mill, near Leeds, Yorkshire, Man.—Specimens of cloths, piece-dyed, wool-dyed, wool-red, coloured, &c.

33 ROBINSON, T. Dewsbury Moor, Dewsbury.—Three points Mackinaw, super merino, merino bath, and rosed blankets.

34 SMITH, T. Bramley, near Leeds, Man.—Woollen cloths, piece-dyed. Wool-dyed and wool-red colour, &c.


41 SYRAC D. & Co. Leeds.—Black milled cloth.

44 WEBSTER, T. 154 Park Lane, Leeds, Man.—Superfine broad woollen cloth.
UNITED KINGDOM.

CLASS 12. Woolen and Worsted.

45 WALKER, J. & Co., Bedford St., Leeds, Man.—Mohair cloths, various colours, for making and trimming ladies' petticoats.

46 WOODS, John, Holbeck Moor side, near Leeds, Man.—Cloth, woolen worsted and cotton warp, fast colour blue. Cloth, common colour, black.

50 WILKINSON, W. & E. Leeds, Man.—Capes, all wool. Cord, all wool, for summer cloth, manufactured in the worsted manner.


51 LEVER, S. and W. and Co., Leixlv, and Man.—Articles manufactured from the fibres of the common nettle, the hemp nettle, the Levanters, the sweet-peas, the honeysuckle, the nasturtium, the Esparagone, and marsh-mallow.

52 PARKER & Son, Leeds, Man.—Wools, Worsted and worsted goods. Spanish striped cloths, and cloths for the China market.

53 WILKINSON, W. and Son, Wortley, near Leeds, Man.—Wool and silk printed tweed. Logwood blue, gentianella blue, and indigo pilot cloth.

55 HUDSON & Son, Batley, near Dewsbury, Man.—Green, brown and white worsted cloth.

56 HUDSON & Son, Batley, near Dewsbury, Man.—Fancy wrappers for travelling, and fancy wrapper for overcoats, &c. of English wool.

57 HUDSON & Son, Batley, near Dewsbury, Man.—Lined blue pilot cloth. Blue mixture, steel mixture, and Oxford mixture Peterham.

58 HUDSON & Son, Batley, near Dewsbury, Man.—Pilot cloth. Mixture floss coating. Carriage or railway wrappers, &c.

59 HUDSON & Son, Batley, near Dewsbury, Man.—Fancy woolens.

60 HUDSON & Son, Batley, near Dewsbury, Man.—Woolen cloth for the manufacture of broad woolen cloth. Assortment of broad woolen cloth.

61 WALKER & Son, Leeds, Yorkshire, Man.—Woolen cloth, blue and white, of various qualities; milled hair-list and double milled hair-list cloths.

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112 WALKER & Son, Leeds, Yorkshire, Man.—Woolen cloth, blue and white, of various qualities; milled hair-list and double milled hair-list cloths.
UNITED KINGDOM.

107 Hastings Brothers, Huddersfield, Mann.—Clothes doekskins and casemakers.
108 Wroley & Sons, Huddersfield, Mann.—Bright blue cloth, for carriage linings.
109 Wickersham & Brannock, Huddersfield, Mann.—Black broad cloths, casemakers, and doekskins, piece-dyed.
111 Lockwood & Kershley, Huddersfield, Mann.—Patent woollen cords, velvet and leather cloths, chiefly for trousers.
112 Barfoot & Hiest, Huddersfield, Wilshaw, and Maltby, Mann.—Buckskin, Orlas, doekskin, and hair, and for trousers, made from middle-price Port Phillip wool.
119 Barnes & Son, Holmfirth, near Huddersfield, Mann.—Drapery for trousers or coats.
144 Holme & Son, Scholes, near Holmfirth, Yorkshire, Mann.—Woaded black doekskin and Vienna.
115 Marshall & Son, Huddersfield.—Wool-dyed black doekskin, exhibited as specimens of manufacture and finish.
116 Brandeis & Co., Thongsbridge, near Huddersfield, Mann.—Wooded broad coating, made of Australian and Russian wool. Fancy woolen trousersings.
118 Taylor & Son, Newsome, Huddersfield, Mann.—Fancy waistcoating, woollen trousers goods; shawls and scarfs; ladies' and children's dresses.
120 Wroley, J. & T. C., Huddersfield, Mann.—Moscow beaver; Moskitto; Janus; partridge mixture, for shooting coats; reversible cloth, finished on both sides; fancy trousersings, &c.
121 Willows, W. & Co., Huddersfield.—Drap livery, kerseymere, &c.; woollen, with wooll-dyed black casemakers, and wool-dyed black doekskins.
122 Day & Son, Mold Green, Huddersfield, Mann.—Merinos, for the tops of ladies' boots, &c. Cashmerettes, cotton or silk shot with woollen.
123 Thompson, W., Stonehaven, Scotland, Mann.—Specimens of a method of working up engine waste, into floorcloth or carpeting.
124 Stoves & Son, Woodhouse Lane, Leeds.—Woollens, fast, common, and woosed cloths, woollen and pieced-dyed.
125 Hinchliff, J. & G., Huddersfield, Mann.—Drap kersey; doekskin; fancy woolen trousersings.
127 Clay, J. T., Rastrick, Huddersfield, Mann.—Woollen trousers, from fine Saxony and from Australian wool. Waistcoatings, union cloth, and Viocena cloth.
129 Hoagias & Son, Keighley, Mann.—Samples of Orleans, lustreem, worsted lining, and mohair.
132 Oldfield, Alcan, & Co., Longwood Mills, Huddersfield, Mann.—Specimens of the various stages of the fancy woolen manufacture. Patterns of fancy woolen trousersings, and broadcloth for overcoats. Doekskin and crepe trousers, made from waste, &c.
135 Harris & Trow, Bradford, Mann.—Circassian cloth; the weft is a combination of the finest wool, &c. Cloth woven from the hair of the Angora rabbit.
137 Sake, T., Bradford, Yorkshire, Mann.—Alpaca manufactories. Specimens of British and American alpaca wool, &c. Mohair manufactories, and specimens of mohair. Moreens made from English and Russian wool, with specimens of Russian wool.
139 Quinnot, Sclessinger, & Co., Bradford, Prop.—Berlin wool, spun and dyed in England. Flax, produced by the new patent process of Mr. F. Clancey. Yarns, spun from the above flax, alone, and mixed with cotton, wool, and silk. 
140 Thomas, W. Haworth, Keighley, Bradford, Mann.—Dyed wool, combed; wool-dyed yarns, in hanks and on spools; dyed yarn, floated with silk.
143 Townsend, S. Thorpe, near Bradford.—Worsted, head and genappe yarns, spun from English wool; heady, or harness for weaving; braids, poplins, &c. made from genapaye yarn.
145 Withley, J. Morton, near Bingley, Yorkshire, Mann.—Alpaca yarns prepared for weaving. Mixed Alpaca and mohair yarns.
148 Stowells & Scudden, Bradford, Mann.—Crimson and white two-fold mohair yarn.
147 Bous, G., Bradford, Mann.—Cobourg cloths; Henriettes, or paratsea cloths, silk warps.
149 Tressell, A. & Co., Bradford, Mann.—Plain alpaca lustrous and chameleons; figured Orleans; twilled satins; figured Corsican, &c. in cotton warps, and piece dyed. Madonna, or mixed alpaca lustrous; silk warp alpaca lustres, in natural colours, and piece dyed. Mixed alpaca coatings, &c.
149 Armitage, G. & Co., Bradford, Dyers.—Orleans, Cobourg, and Brazilian cloth; mohair, silk and mohair, and silk and alpaca figures. Exhibited as specimens of dyeing.
160 Jowett, T. & Co., Bingley, near Bradford, Yorkshire.—Mixed fabrics, composed of cotton, alpaca, silk, and chine grass, for vestings, dresses, &c. woven by powerlooms.
151 Foster & Son, Black Dike Mills, near Bradford, Mann.—Goods made of cotton and alpaca; of cotton, silk, and alpaca; of silk and alpaca; and of cotton and mohair. Fancy coatings; vestings; Chief; damasks. Alpaca mohair, and worsted yarns.
154 Craven & Son, Prospect Mill, Thornton, near Bradford, Mann.—Lustre Orleans, in different qualities, blacks and colours.
166 Gordon, T. & Brothers, Shelf, near Halifax.—Alpacas, made of alpaca, and of mohair and cotton. Dresslength, mohair and cotton, and worsted, cotton, and silk.
168 Claybank, W., Wilsden, near Bingley, Yorkshire, Mann.—Cobourg cloths, of various qualities and colours.
169 Wall, Cockersbo, & Wall, Linton Mills, near Skipton, Yorkshire, Mann.—Shaded tapestry ground, with silk, figure, shot and printed ground; Orleans, &c. and. Morison, D. Baldwin, near Bradford, Mann.—Ends of union tweeds. Cotton warp and woolen weft.
169 Willers, J. & Co., Clifton, near Bradford, Mann.—Orleans, worsted weft and cotton warp.
169 Kerruish, S. & H., Listerdyke, near Bradford.—Black Orleans cloth.
UNITED KINGDOM.

Class 12. Woollen and Worsted.

171. Towne, R. & E. Mooring, near Bradford, Massachusetts. — Worsted heaped and worsted genaspe yarns; mohair poplin; worsted and mohair and alpaca yarns; worsted weft and warp yarns.

172. G. H. & H. H.Bradford, Massachusetts. — Cobourg and Parkamela cloths; full-twill cloths; shawls; mohair, Orana, and alpaca cloths. Moreens. Union and worsted damasks. Canton cloths; lining and serge cloths, etc.

173. Daley, J. Bradford, Massachusetts. — Bomberin; silk cloths; silk stripes and check; worsted cloths and Chinese alpaca lusters; alpaca and worsted figured cloths, linings; Orana and Cocubula, etc. Dyed by Riley & Son.


179. Clay & Sons, Halifax, England. — Linsey, for jackets, plain goods, for shirts, and milled kersey; flannel; black flannel; ironing blanket, etc.


201. Campbell & Co., 34 Cannon St., Glasgow, England. — Scotch printed camisoles d'ecoss and other long shawls. Woven square shaws, Scotch printed, etc. Scotch printed materials. Barber and wash cloths, etc.


204. Fretz, R., Mary Hill, Glasgow, England. — Tartan, for ladies' and gentlemen's wear, in various colours, all Scotch tweed. Tartan, for men's wear, in various colours, all Scotch tweed.

205. Latark & Thomson, Ingram St., Glasgow, England. — Set of clan patterns in gala cloth.


213. Marling, S. S. & Co., Ebley Mills, Stroud, England. — Superfine broad cloth, wool-dyed, woosed black, etc.; superfine doskin, superfine camisere, etc.


UNITED KINGDOM.

CLASS 12. Woollen and Worsted

221. Gurney, M. Capel Mills, Stroud, Glos.—Mattress-wools, woollen millfpubs, and fleeces, &c., manufactured by improved machinery, and purified during the process.

222. Fullers & Barrie, Melksham, Wilts.—Fine Saxon


225. Perkins, D. 44 College Green, Bristol.—Black single-milled honeymoon.

226. Cocks, R. Knapp Mills, near Chard, Somerset, Manu.—Samples of drab cloth, made of English wool by power-loom.

227. Martin, J. Jun., Cockermouth, Inv.—Improved ventilating waterproof cloth and paper; the paper made by I. Cropper, Bursnide, near Kendal. Patented.

228. Stanton & Son, Land's Mill, Fordington, near

229. Lea, W. Llandilofo, Wales.—Woolen woollen cloth.


233. Wilson, J. & W. Kendal, Manu.—Railway wrappers. Stout horse-clothing; also, fine and light, for racehorses.

234. Ireland, J. & Co., Kendal, Manu.—Railway-traveling and bed-rugs, horse blankets, Alpaca cloth, saddle-cloths, Prince's chequed and kersey, Saxon lining, flannel, plaiding, Essey drapery, gentlemen's scarfs, &c.


236. Lloyd, W. & Co., Newtown, Montgomery, Wales, Manu.—Specimens of Welsh flannel, all manufactured from sheep's wool.

237. Hughes, R. Tregarth, Bangor, Wales, Manu.—Gown pieces and apron woven in a loom, invented and made by the exhibitor.

238. Dalgety, W., Union Mills, Dougiean, Isle of Man, Manu.—Sheep plaid, made from Australian wool; and striped and tweed cloth and sheep plaid, made from Isle of Man wool.


240. Early, J. & Co., Witney, Manu.—A variety of Witney blankets.

241. Early, B. Witney, Manu.—Witney blankets, made from different descriptions of English wools. Cyd blankets, girth and roller webs, &c.

242. Wheeler, W. S. & Louis St. and Freshford, near

243. Card, T. & W. Twerton Mills, Bath, Manu.—Cloths from German wool. Bath fur Beaver, and dressed fur of fine Australian wool. Black beaver, and brown beaver, or summer cloth of German wool.

244. Gurney, J. Newmill, Elgin, Scotland, Manu.—Mantua or plaids, made of undyed or natural brown wool.

Natural brown tweed, of different wools, water-proofed, cheap and durable.

245. Gurney, J. & Co., Couthul Mills, Aberdeen, Manu.—Samples of tweeds of various qualities.


247. Breen & Son, Langholm, Manu.—Shepherd's tweed; railway plaid, &c., cotton and wool; and linsey, made of cotton and wool.


249. Reid & Son, Langholm, Manu.—Cotton and Scotch wool hose; shepherd's plaid check, &c., made from Cheviot, Australian, and German wool.


252. Balfour, J. Rochdale, Lancashire, Manu.—Fine guaze flannel, manufactured from sheep's wool.

253. Harris & Sons, Castle, St. Manchester, Manu.—Black broad cloth. The same, wool and cotton.


255. Alexander, R. Co., 11 College Green, Dublin, Prop.—Irish poplin jacquard loom, with new brocading machine. Irish poplin brocaded and gold-barraded; and gold tussor, Brocaded and tussor Irish poplin scalf; striped furniture and figured tabbets, &c.

256. Reynolds, W. 81 Grafton St. Dublin, Des. and Manu.—Imperial blue and gold, and white and gold tussor poplin. Figured furniture. Corded, plaided, tartan, and checked poplins.

257. Fins, W. & Co., Dublin, Manu.—Plaid tartan, and brocaded poplins, &c., Patterns of coach laces.

258. Dillons, L. 7 Parliament St. Dublin, Des.—Friesian and rumswisles. The rumswisles is made from undyed foreign wool.

259. Edmonstone, Ewe, Beltinacold, Shetland, Manu.—Specimens of knitting, manufactured in Shetland from the wool of the sheep of the island, which is spun by the women and daughters of the fishermen in the ordinary linen-wheels, and knitted by them at their own homes.

260. Williams Brothers & Co., Island Bridge Mills, near Dublin, Manu.—Super frieze, shepherd's plaids; military tartan, and woollen shawl yarn.

261. Allen, R. 28 Lower Sackville St. Dublin, Prop.—Irish made heather tweeds. Irish frieze. Black casserime Irish embroidered vests, the designs by J. Healy, a pupil of the Dublin School of Design; worked by Mrs. Hamilton and others. Irish linen, &c. Samples of the skill both of the Irish weaver and sempster. Irish frieze wrappers, &c., specimens of the talent of Irish manufacturers, as well as of Irish tailoring. Samples of figured and double-watershed Irish tiles, manufactured by E. Jones, of 3 St. Andrew Street, Dublin, &c.

262. Nicollet, A. Cork, Ireland, Manu.—Blankets, flannels, swanskins, and frieze.

Shawls in the South-west Gallery of the Transcript.

263. Kern & Scott.—Grenadines, all silk; and Barège, silk and wool. Crapes, printed in imitation of real China.
UNITED KINGDOM.

CLASS 12. Woollen and Worsted.


282. GODFREY, F. A. 3 King's Mead Cottage, New North Rd. Islington, Lavenham, Lavenham fabrics, finished by patent machinery and chemical agency.

283. CLARKE & SONS, Norwich, Man.—Registered figured Cashmere shawls. Span-silk, fancy check, and Albanian silk shawls. Registered Jacquard figured poplins, and chine poplins, and mixed fabrics, &c.

284. WILKIN, J. N., & Co. Norwich.—Mixed fabrics for dresses, consisting of bombazines and paramattes; poplins, brocades, chine, &c. A mixed fabric, composed of materials from nine different countries.

285 to 299 placed on the North Wall with Class 6.

285. BRAYSHAW, G. 61A Park St. Camden Tun, Man.—Pictorial mohair cloth-work table-cover or quilt.


287. ARCHER & SONS, Tillitcoultry, Ailsa, Scotland, Man.—Rob Roy, Colquhoun, and M'Donald of Staffa tartan long shawls. Fancy tartans. All wool.


289. PATON, J. & D. Tillitcoultry, Ailsa, Scotland, Man.—Fancy wool tartans, designed by Romans and Peterson, Edinburgh. Long wool fancy shawls, designed by Mitchell, Miller, and Ogg, Glasgow, and Arthur Fraser, Glasgow.

290. BENJAMIN, W. J. & Co. St. Leonard's Factory, Edinburgh, Des. and Man.—A variety of fine wool scarf shawls. Superior gentlemen's plaids. German lambs' wool and yarn, of which the shawls are made.

291. SINCLAIR, J. jun. 49 South Bridge St. Edinburgh, Man.—Scarf plaids, all wool.

292. WILSON & Son, Barntockburn, near Stirling, Scotland, Man.—Specimens of carpeting, and the tartans of the Scottish clans, from wool of the black-faced and Cheviot sheep.

293. BROWN, J. & H. & Co. Ettrick Mills, Selkirk, Scotland, Man.—Scottish tweeds and fancy woollens, of various new mixtures and styles.

294. COWWITT, Jno., & Co. Huddersfield, Man.—Cashmerettes for coats and ladies' boots.

295. BRANDSDELL & Son, Holmebridge, Des. and Man.—Woolen waistcoats, plain and figured, all wool.

296. BIRD, R. Croyden, Man.—Linen, worsted, white and coloured linen and worsted; webs for girths, braces, &c.

297. CLAYTON, J. Bradford, Man.—Net, cotton and alpaca; net, cotton and worsted; Cobourg cloth, cotton and worsted; diagonal lining, cotton and alpaca.

298. CLAY, J. Jun. & Co. Canvey Island, Essex.—Printed Cashmere long and square shawls or plaids.

299. CLARKE, T. Stephen St. Waterford, Ireland, Man.—Blue cloak, of camlet stuff, made by Coleman, Stephen Street, Waterford; has been worn for twenty years. Samples of serge and carpeting.

300. DALY, J. Cashel.—Specimens of plain plaids, chiefly used for men's clothing and horse sweeping. Manufactured at Roscommon Mills.

301. DAVIES, W. 10 Little Kight Rider St. Des.—Designs for a Cashmere shawl with silk flowering; and for a printed shawl, of woollen fabric, and figured.

302. ECHARD, W. & Son, near Burnley, Man.—Powerloom Coburg cloth wool; Orleans cloth; Saxony Orleans.
CLOTH; mousseline de laine; power-loom Saxe Coburg cloth; power-loom burlage de laine, made from cotton and wool; bunting for colours, &c. Worsted Heald yarn; gesampe cord; press bagging, &c.

4296* HADLEY & FRYER, Halifax, Mass.—Damasks, for furniture purposes, manufactured of silk, cotton, and wool, or rayon in combination.


4300* HOYTS, W. & B. Halifax, Mass.—Lacings, serges de Berri and satin Frenchs, silk and cotton, figured and plain. Victoria cord, cotton and worsted, and worsted. Merino, cotton and wool, for ladies' boots, &c.

4309* HUNTS, W. Bethesda, near Benger, Wilt, Mass.—Durable bed covering.

4310* HUNTS, W. Benygroes, near Carnarvon, Weaver. Worsted and silk dresses. Aprons, of Welsh linsey. Table-covers, of wool and flax; a specimen of Welsh weaving.

4313* HUNTS, Amy, Horketon, near Crewe, Salop, Mass.—Netted thread shawls and scarfs, netted and lace veils; netted borderings; netted caps and collars, and cuffs. Silk purses, and guards. Worked muslin frock bodies.

4316* JONES, J. Lockwood, Huddersfield.—Floors, in various shades.

4326* JUNK & Sons, Bailey, near Dewsbury, Mass.—Wool dyed Witney and pilot cloth. Woolen fabric, with cotton linings, for ladies' boots, &c.

4344* JUNK, J. Bailey, near Dewsbury, Mass.—Stout blue pilot cloth for railway guards and engine-men's great coats.

4345* KERR, D. & Co. 194 Wood St., Mass.—Rich tissues, brocades, brocatelles, silk damasks, silk and worsted damasks, cartridge linings, down, window blinds, &c.

4346* MACDONALD, Lots 29 Mulesworth St., Dublin.—Specimens of the "Albert flax" and "heather and black" tweeds. Patent drawer. Cabinet and cloth vesting, embossed with gold.


4349* MARKOTT & Son, Wakefield, and 31 Queen St., London.—Knitting worsted and lambs' wool-yard, soft and hard spun.

4350* MARK, W. & Co. Prod.—Dress fabrics; printed Cashmeres and ilam wool texture; and embroidered Cashmeres, wool and cotton texture.

4352* MARR, W. Leeds, Mass.—Jar of size from chemical and animal substances.


4355* MORPHY, MARGARET, Ballymunton, Blessington, Ireland, Mass.—Home-made frises, from wool grown and spun by the exhibitor.

4356* NEILL, CATHERINE, & Sons, Tallaght, Dublin, Mass.—Brown mixed, and sheep's gray frises. Blankets.


4359* PHILIPS, J. Knapp Mills, near Chard, Somerset, Mass.—Striped, plain blue, and white linsey, made from flax and wool.

4360* POULTERSON, E. Westgate, Wakefield, Mass.—Manufactured knitting worsted and yarns.

4361* RAND & Sons, Bradford, Mass.—Coir cloth, cotton, and worsted; the same, with silk warp; merino, moleskin, single and double twill. Several of the pieces exhibited are of the finest description of worsted goods.


4363* ROBERTS, Z. Langham Ed, Carnarvon, Wales, Mass.—Linsey-wooley manufacturer of the years from 1780 to 1830, showing styles of that period. Fine douckins, or sma-shoes, all wool. Cashmeres and merinos. Woolen fabrics, with nijer. Blue pilot cloth, with specimens of dyeing. Fine patent black broadcloth, and casameres.

4364* SCHWARTZ, F. Huddersfield, and Leeds.—Shoe-laces, composed of flax.


4367* SENIOR, J. Bailey, near Dewsbury, Mass.—Marbled pilot cloth, green, white, and black. Alpaca cloth, black.

4368* SLATER, H. Yeoman, near Leeds, Mass.—Woolen netting, for the protection of the blooms of fruit-trees from frost.


4370* STEAD, W. & Co. Leeds, Mass.—Superfine broadcloth, and woollen worsted black. Sample of fine German wool.

4371* SODEN, J. & Brothers, Dockroyd Mills, near Keighley, Bradford, Mass.—Plain and striped callimanco; shalloons; merinos; cubians; summer cloths; union prince; bombast, genappe, &c.

4372* TOLSON & Sons, Dalton, Huddersfield, Mass.—Waistcoatings; trousers; shall wool plaids, for children's dresses.

4373* TOWLER, CAMBELL, & Co. Elm Hill, Norwich, and 48 Friday St., London, Mass.—Vilover scarves; silk ground. Printed silk, and silk net shawls. Ladies' palettes, worked
to fit the shape. Norwich chalil. Satin striped de lanes. Paramatta cloth, and barbre for dresses.

474° WATSON, J. & A. Galabshes, Scotland, Main.—Scottish clan and fancy plaids. Ladies' woolen scarfs or shawls, and tartans. Scotch tweeds.

475° WATSON & SON, Dungarven Mills, Hawick, Scotland, Main.—Shepherd's plaid and travelling plaids, of Australian wool. Tweeds, sashs, shawls, of Scotch, German, and Australian wool. Lambs'wool horsey and underclothing, knitted upon the stocking frames.

476° WATTS & CO., Leicester, Main.—Worsted yarns for horsey-deely, and for embroidery and soft knitting.

CLASS 13. Silk and Velvet.


2. FOGG, J. W. 163 and 165 Regent St.—Bombaseen cloth, for mourning. Widow's silk.

3. SANDERSON & REID, 7 Gresham St. Main.—Specimen of silk weaving for a chair cover. New style of pattern and cloth for furniture. Specimens for window dressings, &c.

4. ROSSMITH, T. Fort St. Spitalfields, Main.—Black and coloured velvets.

5. WASHINGTON & DAVIES, 13 and 14 Mill St. Cheapside, Main.—Woolen velvets, of Spitalfields manuf. in imitation of foreign fur.

6. WILSON & CO. 37 Wallbrook, Main.—Silk plash for hats.

7. WATSON & SON, Wilson St. Finsbury, and Kettering, Main.—Silk plash for hats.

8. TAYLOR, T. A. Addle St. City, Main.—Crape calico, azo, braided crapes, &c.

9. DOWERT, J. 26 Steward St. Spitalfields, Main.—Brocade garment silks.

10. BELL, 1 Spital Sq. Des. and Main.—Registered figured damask silk furniture. White figured garment silk, blue tissue and gold figured silk. Moire antique.

11. GIBBON & BARK, Gresham St. West, Agents.—Irish poplin or tabbinet, plain, plaids, ribbed, ribbon, double Irish, watered, and moire antique. Main. by W. M. Geoghegan, 50 Francis St. Dublin.

12. WILSON, J. 5 Ch. Passage, Spital Sq. Main.—Mourning hat-band, circular and elastic.


14. ASHMAN, W. & CO. Maclesfield.—Silk dyed in the skein, and prepared for the use of the manufacturer.

15. GRAHAM & SON, 31 Spital Sq. Main.—Velvet, satin, and watered silks.


18. MASON & SON, Spital Sq. Main.—Black and coloured satinette, woven by hand and power loom. Black viscose, watered; black coloured velvet.

19. CORNELL, LYTTEL & WEBSTER, 15 St. Paul's Churchyard.—Chenille sash ribbon, designed by J. K. Harvey. Brocaded sash ribbons, designed by G. S. Nicolson, and J. K. Harvey.

20. DEAR, A. 37 Crispin St. Spitalfields, Agent.—Figured silks, designed and woven by the pupils of the Spitalfields School of Design.

21. CASEY & PHILLIPS, 13 Spital Sq. Main.—Silk, velvets, Algeria, gros-de-Naples, glazed, gros, &c.


23. ROSSMITH, J. & W. & Co. 3 and 4 Mill St. Cheapside, Main.—Velvet for pulpit; and for waistcoats. Satin for shoes and vests. Tabby silk for embroidery. Laventine, and serge for linings.


25. BARRIS & Co., 26 Spital Sq. Main.—Brilliant black gros-de-Naples; Sutherland silks, and satins.


27. VAVER & SON, 15 Spital Sq. Main.—Woven silks. Silks for parasols, &c.


29. JACOB, MRS. & MRS. CITY, 3 Brill Row, Somers Town, Inv. and Main.—Fancy balls, cloth, leather, velvet, satin, &c., of different combinations, finished with a gift cord, &c.


31. COTTON & CO., 30 and Main.—Specimens of crapes and russelopes.

32. JOURDAIN, W. D. 60 Milton St. Cripplegate.—Coloured and black specimens of silk dying.

33. MAISON, G. S. T. & T. MAISON, Hartford Bridge, Easts, Prod.—Plas, grown and steeped at Tately; scotched at the New County Gaiol, at Winchester. Filling gut, from imperfect silkworms. Waste silk, from cocoons.

34. GAVRO, J. & Co. Foster Lane, Main.—Folded and rolled black crape, acapone crape, lisse gauze, goosamer, creme lace, silk gauze grenadine, muslin scarfs, and brocaded silk muslin dress, &c.


37. BOWKER, BAYLEY, & Co., Macclesfield, Main.—Ladies' bouard dresses, aprons, neck-ties. Gentlemen's cravats, and boys' neck-handkerchiefs. Principal designs registered.

38. HADDEN & SONS, Heywood Mills, near Halifax.—
UNITED KINGDOM.

CLASS 14. Flax and Hemp.

Illustrations of the production and manufacture of silk in general.

67 HADWEN & SONS, Heyroyd Mills, near Halifax.—Specimens of raw material: waste silk, in the dressed state and carded; the same in the slubbing and thick roving, and in the fine rovings. Single and double spun silk yarns.

44 SARRS, MARY, 3a Abbey St., Bethnal Green, Des. and Manu.—Camise shawls, made of the choicest silk, and manufactured in a loom expressly made for that purpose.

46 BAXENDALE, THOMAS, 53 Queen St. Oxford, Des. and Man.—Counterspane, composed of 9,851 pieces, made by an invalid in a lying position.

48 GROVES, W. Kidderminster.—Silk brocade, brocaille, and figured satin damasks for upholsteries.

49 DAVIES, J. & Co., Leek, Manu.—Tallors' sewing silks; silk twist; milliners' sewing silk; stay silk; embroidery silk; saddlers' silk; tram; purse twist; and silk serge.

49 DALBY, H. 9 St. James's Pl., Hampstead. Ed.—Dyed and embossed, soiled, and faded silks.

47 BOWLING, J. J., Leek, Manu.—Sewing silks. Purse or netting silk. Leger twist; silk twist.

48 WATTSON, H. & Co., Leek, Manu.—Buttons, including Florentine, brown Holland, real twist Italian, youths' dress silk, silk fancy vest, ladies' silk dresses, &c.

50 SMITH, W. J. & Co., Chesterfield.—Specimens of the leading classes of raw silks, from France, Italy, China, Bengal, and Turkey, selected by Davis & Co. Sewing, netting silk, and netting twist; Raven and jet sewings. Crochet and mo-hair silk. Shoe mercery, &c.

49 TUCKER, F. Booth, Leek.—Needle-worked silk buttons.

50 TAYLOR, J. & Co., Elm Hill, Norwich, Manu.—Fililever scarfs, silk ground; the pattern extends four yards in length and two in width. Shawls. Norwich challis. Paramatta cloth, &c.


50 WATSON, F. & R. Edinburgh, Des. and Manu.—Ducks of Wellington on horseback, in silk damask.

51 DAVENPORT, G. Leek.—China and Bengal organdine. Bengal tram. Bengal large sike sewings. Silks for netting, embroidery, and artificial faces.

53 HAMPERLEY and BENTLEY, Leek, Manu.—Twist of various colours, for tailors. Italian sewings, for tailors and milliners. Purse twist.

53 EVANS, S. Wickworth, Derbyshire, Manu.—Specimens of silk plush for vestings.

54 TOCKELL, J. & C. Chesterfield.

55 HOLDEN & Son, Leeds, Inv. and Imp.—Specimens of the article known as silk waste; spun silk yarns, and samples of high silk yarn, dyed and finished, spun by the exhibitors' patent process.


57 STEWART & Son, 7 White Lion St., Norto Folgate, Manu.—Brocade, for curtains, &c. Damasks. Pattern of Dalmatian robe, worn by Her Majesty at her coronation.

57A BOOTE & PIGG, 43 Oldham St., Manchester, Manu.—Imperial or carded plush for hats, bonnets, &c. in the various stages of manufacture. Galloons, hat-bands, hat-linings, &c.


59 WINEWORTH & PROCTERS, Manchester, Manu.—Figured silks. Chineé silk, striped and watered, and plain silks.

60 COX, R. S. & Co., Coventry, Manu.—Rich shawls and other ribbons.

61 BAYT, C. & Co., Coventry.—Ribbons illustrative of the ordinary Coventry ribbon manufacture.

62 CROMPTON, R. & Co., Coventry, Manu.—Ribbons: specimens of Coventry manufacture.

63 SHARP, OSMAN, & JURY, Coventry, Manu.—Ribbons, illustrative of a medium quality of goods manufactured at Coventry.

64 COTTON, HAMPTON, & Co., Coventry, Prod.—General fancy ribbons.


67 BRIDGER, T. & Co., Derby, Manu.—Specimens of sewing silk for tailors, bookbinders, stay-makers, tailors, &c. netting or purse-twist, and plain satin ribbons.

68 KATZEN, J. C. Coventry, Manu.—Ribbons illustrative of Coventry manufacture. Plain satin, striped or velvet, plain and pure edged lustreting ribbons; simple fancy ribbons.

70 BERRY BROTHERS, Coventry.—Watered pad ribbons. Half China ribbons, used for tying up cambric, gloves, &c. the narrowest woven silk fabric. Half China ribbons, used for tying up cambric, gloves, &c. the narrowest woven silk fabric.

71 WALKER & HART, Coventry, Manu.—Group of ribbons, illustrative of cheapness of production.

72 ROBINSON, T. Coventry.—Linens, lustreting, and figured ribbons; and rich brocaded ribbons made by steam.

73 MACRAE, J. Coventry, Manu.—Mourning gauze; crepe, love, and rich figured lustreting ribbons.

74 SMITH & TURNER, Coventry, Manu.—Specimens of ribbons, remarkable for beauty of design, and the application of steam power to their manufacture. A peculiar quality of white ribbons, &c.


CLASS 14. Flax and Hemp.


2. ANDREWS, R. Royal Manufacture of Linen and Damask, Arklow, Belfast, Ireland, Manu.—Table cloth to be presented to the Earl of Clarendon by the Royal Society for the Promotion and improvement of the growth of flax in Ireland. Table cloth of new pattern, designed by J. MACKENZIE, Government School of Design.

3. BROWN, J. E. & W. Bangor, County Down, Ireland, Manu.—Lady's robe, and baby's robe, embroidered muslin.

4. FULLINGTON, C. Belfast, Manu.—Lady's robe, designed by M. O'KINN, Belfast. Embroidered linen shirt front.

5. COURTES, W. Lisburn, Ireland, Des. and Manu.—Fine damask table-cloths and napkins.


6A DEVON, MENCHESTER, & ROUTLEDGE, 24 LARKIN

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UNITED KINGDOM.

CLASS 14. Flax and Hemp.

Linen, Prop.—Damask table linen exhibited as good as cheap. Printed calicoes and muslins.


Malons, J. Lurgan, Ireland, Manx.—Linens cambric, clear lawns, and hemstitched handkerchiefs. Shirt frontings. Lewins. Handkerchiefs of fine hand-spin yarn.

10 Bryce & Co., Little Chelsea, Manx.—Mats and matsings. Cash yarn, jute, and flax, from Coote's, Bombay, and Cape. Co-raising flax, jute, and hemp, from Calcutta, Manx; hemp 32.

11 Reynolds & Co., Lisburn, Ireland, Manx.—Samples of Irish linen.

12 McEwan, T. & Co., Drumore, County Down, Ireland.—Shirts and unbleached linen.

13 McLean & Co., Antrim, Ireland, Manx.—Shirt frontings, cambric, and handkerchiefs, with small quantity of wool.

14 Casey, Beale, & Co., Belfast, Ireland, Manx.—New damask table-cloths. Specimens of steam-power loom manufacture applied to damask table linen, Design for a table cloth. Linen damask vestings.

15 McCay, T. Lansdowne, Drumore, Ireland, Manx.—Linens from hand-spin and mill-spin yarn. Linen mosquito nets, making nets, &c. Life-boat, and hospital mending, for saving a person in water; invented by T. Hirst, Bridport.

17 Bennett & Adams, Coleraine, Ireland, Manx.—Fine linen.


19 Haxton, J., Camber House, Warningtown, Banbridge, County Down, Ireland.—Camber loom; damask loom; machines for weaving damask, or other figured fabrics, on the Jacquard principle. Samples of handkerchiefs, embroidered, &c. Printed linen cambric dresses, and laws, shirt frontings, satin damasks, &c. Damask corseting cloth, &c.

20 Edwardson, Sons & Owners, Belfast, Ireland, Manx.—Double damask table-cloths, designed by W. J. Magee, Lisburn, Ireland. Double damask cloth. Samples of Irish linen.

21 Brown & Sons, Warningtown, Banbridge, Ireland.—Double damask napkins and table cloths, various patterns.

22 Cameron, B., Bandaistown, Manx.—Wood, bleached, and unbleached linens.

23 Pipe, J. & Ballymoney, Ireland, Manx.—Fine linen.

24 Gough, J., Lisburn, Ireland, Manx.—Fine damask table-cloths, breakfast cloths, sideboard cloths, and dinner napkins.

25 Lowden, J. & Co., Belfast, Ireland, Manx.—Linen drill. Fancy drill, plain checks and stripes, all lined and mixed. Linen cross, plaitlins, and hollands.

27 Knox & Son, Annvale, near Keady, Ireland, Manx.—Rough brown linen. Brown, drab, slate, and black hollands. Dispersa. Lining, family, and fronting linens, &c.

29 Seddon & Ams.

30 Crawford, Lord, Lawnsdale, 3 Lawrence Lane, Chester, Manx, and Bleachers.—Linen sheeting, white and brown; damask table linen, &c.

30 Soper, R. & E. & B. 6 Ellen Street, Lorton, Glasgow, Manx.—Patent lines, various sizes, used for making window sashes. Fancy skyping ropes, &c.

31 Smith, J., East Greenwich, Manx. Specimens of ropes, lines, twines, &c., manufactured by machinery from Russia, Manilla, and Italian hemp. Irish, Baltic, and Egyptian flax and tow.

32 Moore, W.F., Crinkburn, Douglas, Isle of Man, Manx.—Sell canvas made from long Irish flax, woven by power, without starch or dressing. Twine canvas. Twine for sewing canvas for sails.


34 Tocz, S. 133 Fenchurch St. and Globe Fields, Mile End Rd., Manx.—Twine, flax, hemp, cords, ropes, casting nets, &c., made of different materials.

35 Wace, E. & T, Banbury, Manx.—Cords and twines; whipcord; saab and jack lines; clothing; horsehair and Manilla horse-hair clothesline. Horses' halters. Bed sinkings. Horse-hair cloth. Fancy door-mats, &c.

37 Crompton, B., Greenock, Manx.—Sail-cloth; tarred cordage; Manilla cordage.


39 Mahon, Patrick, Dublin. 40 Elliott, J., 94 Thomas St. Dublin, Manx.—Coles of rope, manufactured of Irish-grown hemp, from Russian seed grown in Ireland.

42 Allen, R., Wexford.

43 Holloway, T., L. Salisbury. Hemp and flax twines.

44 Dixon & Longmore, Stockton-on-Tees, Manx.—Sail cloth, made from Baltic long flax; hemp-loom woven. Hemp and flax twines.

45 Harris & Son, Cockermouth, Manx.—Lincoln threads dyed and bleached.


47 Williams & Co., Abingdon.

48 Young, E., Abingdon, Manx, and Des.—Cocoa-nut and Manilla matting; fancy cocoanut matting; superior jute carpeting, &c.

49 Lindsay, D., Drumore, County Down, Ireland, Manx.—A room for weaving breast of shirts, designed and made by Elizabeth McCrackin, Shirt fronts. Drill, &c.

50 Lockhart & Sons, Kirkcaldy, Scotland, Manx.—Fine feather-bed stuff, made entirely from flax. Bleached diaper bed-room towels. Double huckaback. Bags for holding flour, grain, potatoes, &c., manufactured entirely from tow.
UNITED KINGDOM.

Class 14. Flax and Hemp.

50 WENHAM, E. Kirkaldy, Scotland, Manx.—Piece of fine four-thread bed-drab, made entirely of flax yarn. Taken from stock.

51 JAMESON & Co. Hull, Importer and Manx.—Hemp and flax from Russia, and jute from the East Indies, in the raw and undressed state as imported, and in several stages of manufacture. Yarn, canvas, &c. from the same.


53 ARYA & COOREY, Hull, Manx.—Patent cording for the use of sailing and steam vessels, mines, and collieries, the whale fisheries, and deep-sea fisheries. Manufactured by steam and manual labour.

54 HOW, J. Crewkerne, Manx.—Sail-cloth, and towelling, called medical rubbers, made of flax grown in the neighbourhood.

55 FOOLC, J. & C. South Petherton, Manx.—Canvas for ship and yacht sails. Seaming twine, made from English flax.

56 HAYWARD & SONS, West Chinnock, and 33 Minorities, London, Manx.—Canvas for ships' sails, known as Coker canvas. Twines, used for sewing sails.

57 CHERI, & SONS, Fairfield Mills, near Manchester, Manx.—Royal Turkish bath-towels, with a plush or looped surface on both sides.


59 WITNEY & SMITH, North Perrott, near Crewkerne, Somerset, Manx.—Twines, made of flax, hemp, and cotton, for crochet knitting, netting, carpet and silk weaving, &c.

60 DOWAR, D. & Co. Dunfermline, Scotland, Manx.—Carpet covering, with design taken from the floor of the new Coal Exchange, London. Silk and worsted table-cover, bed and window curtains, &c.

61 BIRKETT, D. Dunfermline, Scotland, Manx.—Table-cloth of fine Flemish flax yarn. Table-cloth, made with blue on fine flax yarn.

62 HORN & SONS, Dunfermline, Scotland, Manx.—Double-damask linen table-cloth, manufactured for the service of the Queen. Linen and silk worsted show-cloth, of the same design. Double-damask linen table-cloth, and table-napkins.

63 REVERIDGE, E. Dunfermline, Scotland (Agent in London, W. Maxwell, 15 Bow Churchyard, Manx).—Tablecloths, napkins, and doilies. Table clothes and dinner napkins, silk and linen. Nursery and towellng diapers. Stair carpeting and crumb cloth. Table covers, three-coloured brocades, coloured tapestry, &c. mixed fabrics.

64 SADLER, S. 94 Ironmonger Lane, Imp.—Bleached linen, Irish manufacture, a light ornamented fabric. Heavy bleached Irish linens. Medium and sheetings for the home and foreign trade.

65 ROE & WOB, 184 Chesapeake, Prod.—Scottish embroidered handkerchief, on French lawn.

66 WILES, J. 58 Watling St.—Cambric handkerchiefs; surplice cambric; export linen; bleached imperial; sheeting; Lancashire and Welsh flannels; printed flannels; electric and striped towelling; Wellington and Baden huckaback; Russia sheeting.

67 WILES, J. 79 and 80 Watling St. Imp.—Cambric handkerchiefs, cambric linens, sheeting, diaper, huckaback, towelling, and flannels.

68 DOWAR, SONS, King's Armes Buildings, Wood St. Prop.—Table covers, of elaborate design, the first mixed fabric of the kind made in Spitalfields. Designed and executed by Webb and Son. The number of cords used in the production are 3,000, the number of cards in the Jacquard machine 40,000. Christ printed woollen table covers, and embossed. Designed by J. Balfour. Linen table cloth; communion cloths, and napkins, to match; linen and silk and linen table-cloths.

69 FAULKNE, D. Arboretum, Scotland, Manx.—Navy bleached and boiled canvas. Improved brown canvas flax warp, &c.

70 DUKIN, D. & Co. Arboretum, Scotland, Manx.—Hemp sail-cloth.

71 FELix, BOURNOIS, & Co. Glasgow; Manufactory at Johnston.—Patent linen thread, common satin finish, in best and second quality, for tailoring purposes.

72 HANCOCK, SONS, & Co. Arboretum, Scotland, Manx.—Navy sail-cloth made for British Government. Improved sail-cloth, for the British merchant navy.

73 GORDON, G. & A. Arboretum, Scotland, Manx.—Specimens of line and tow-yarn manufactured in Arboretum. Sail-wire.

74 TROLLEY, TATTON & WALKER, Leeds, Manx.—Patent linen sewing threads. Superior patent satin finish, or polished sewing threads. Shoes threads, closing and stitching tapes or lines.


76 POWELL, C. Leeds, Manx.—Double damask tablecloths; brown and bleached napkins; bordered linen sheets. Communion cloth, design the Last Supper, and other appropriate emblems.


78 RAMAY & SMAK, Arboretum, Scotland, Manx.—Sacking. Brown canvas; brown sacking, &c.

79 HOLDSWORTH & Co. Leeds, Manx.—Linen thread, patent soft satin-finish, and old finish; linen shoe thread.

80 ANDERSON, G. Arboretum, Scotland, Manx.—Imperial and Russia ducks. Ticklenburghs. Russia sheeting, canvas, hemp tarpanils, &c.


84 NEWMAN, E. for CARTER & CO., CARTER, J. JACKSON & MATTHEWMAN, FLETCHER, H. E. HATTERSLEY, PARRISON, & Co. and HAXWORTH & CABLEY, Barnsley, Manx.—Dowasses and pillow linen, and household cloths. Sheetings, drapes, holland, towels, horse sandwiches, huckabacks, draperies, drabbits, damasks, muslin cloths, &c.


86 EMBRACE, G. Knaresborough, Manx.—Linen duck sheeting. Linen shirt without seam.

87 CARR & Co. Arboretum, Scotland, Manx.—Brown flax sheeting; brown tow sheeting. Loom dowlas; loom sheeting. Ticklenburghs.

88 HINCHBET, T. Knaresborough, Manx.—Diaper tablecloth, table-napkins, and pocket-handkerchiefs, all made by hand-loom.

89 LEWIS, J. Knaresborough, Manx.—Shittings and
UNITED KINGDOM.

CLASS 16. Leather, Saddlery and Harness, Skins, Fur, and Hair.


2. Wtbakers & Sons, Warrington, Manx.—Sole leather, made from hides, the produce of Buenos Ayres, tanned with Brazilian bark and valonia, from Smyrna.

3. Gimson, J. 61 Dean St. Sour, Manx.—Calf and painted, embossed and gilt, and other ornamental leathers.

4. Butcher, J. Chapel Lane, Bradford, Manx.—Leather for saddlery, strapless, used as driving-bells in bearing and spinning.

5. Nicholls, H. 5 Stafford St. Bond St. and 4 and 5 Birchofn Lane, City, Inv. and Manx.—Waterproof tanned leather, for sporting articles. Black buckskin trousers, &c.

6. Duns, J. J. Little Newport St. Leicester Sq. Manx.—Saddlery leather. Dyed sheep and lamb skin wool rugs or mats.

7. Wilson, Walker, & Co. Leeds, Manx.—Coloured sheep-leather skivets; coloured wool; roller leather, for silk and cotton spinning; charcoal, or wash leather. Coloured calf and morocco.

8. Wilson, J. Ballysemonway, Ireland, Manx.—Hides of sheep. Kid skin.


11. Rehak, T. Ainsley Road, Hull, Importer and Manx.—Specimens of tanned hide of the walrus, or sea-horse. Polishing wheels covered with the same. Heads of male and female walrus or sea-horse, taken by Capt. Gravil at the Davis' Straits fisheries.

12. Brook, W. 33 Long Lane, Southwark, Manx.—Wellington boot fronts and gaiters, waterproof.

13. Evans & Son, 10 Silver St. Wood St. Manx.—Parchment and chamois leather.

14. Glover, J. & T. 7 Wood St. Cheapside, Inv. and Manx.—Improved oil leather, and gloves made of it, and from Irish kid skins. Improved button, &c.

15. Hensworth & Linley, 30 West Smithfield, Manx.—Boots fronts of English and foreign calf skins. Cordovan, from South American horse hides.

16. Tomlin, W. Canal Bridge, Old Kent Rd. Inv. and Manx.—Superior parchment, very resembling vealum.


18. Laver, J. & J. 13 Site Lane, Manx.—Writing, drawing, and binding vealum. Drum and tambourine heads, and parchment.

19. Wool, W. & S. 38 Bow St. Manx.—Calf skin in the various stages of manufacture.

20. Clowes, F. 28 Ann St. Birmingham, Inv. and Manx.—Improved elastic coat; registered trousers; elastic riding-belt, &c.

21. Lecky, J. T. 19 Market St. Manchester, Inv. and Manx.—Portmanteau for travelling, with improved frame.

22. Thomas, G. 11 Smithson St. York St. Holme, near Manchester, Des. and Manx.—Improved portmanteau.

23. Thomas, Brothers, 139 and 159 Cheapside, Pat. and Manx.—Woven stays, without seam, &c. Self-adjusting yard stick, &c.


25. Skyrn & Sons, 136 Strand, &c.—Dispatch boxes. Travelling dressing, writing, blotting, and card cases, &c.

26. Gimson, G. 105 Dean St. Soho, Imp. and Manx.—Morocco and Russian leather.

27. Laker, J. S. Haymarket, Inv. and Manx.—Portmanteau, with five compartments. Knapsack for pedestrians, &c.

28. Birkett & Co. 173 Fleet St.—Specimens of ecclesiastical binding, in carved wood and polished oak, with electrotype mountings, solid metal covers, &c.

29. Allin, W. 110 Drummond St. Easton Sq. Inv.—Pair of belfow, with wooden sides.

30. Allen, J. M. 57 Wardour St. Soho, Inv.—Homesopathic medicine cases. Tooth-powder box, to prevent the escape of the powder.
UNITED KINGDOM.

CLAS 18. Leather, Saddlery and Harness, Skins, Fur, and Hair.

37 Motte, A. 16 Southwark Bridge Ed. Inv. and Mann.—Patent waterproof leather portmanteau, in one piece.
38 Lacy, S. 265 Oxford St. Inv. and Mann.—Railway portmanteau, divided into four compartments.
40 James, H. 14 Rathbone Pl. Soho Sq. Inv. and Mann.—Newly invented fire, water, and air-proof trunk; leather air-tight metal box for hot climates; fire-proof plate-steel, etc.
41 Judd, C. 6 Lion Pl. East St. Walworth, Des. and Mann.—Leather boots of one piece.
49 Woodman, W. 13 Three Colt Ct. Worship St. Finsbury, Mann.—Leather backgammon table.
47 Read, J. B. Penzance, Cornwall. Mann.—A tanned shaved hide, for best bridle reins; a rough tanned cow-hide for saddle-skirts and stirrup-leathers. Specimen of the leather used for the gearing of the pumps of engineer vessels.
48 Clark, C. upper St. near Glastonbury. Inv. Des. and Mann.—Model of a cart. Uppers, muffs, etc., made from English lamb-skin. Socks for shoes, gales, shoes, and gaiters; hearth and other rugs of sheep, lamb, and Angola skins.
51 Southey & Co. 16 Little Queen St. Lincoln’s Inn Fields, Mann.—Seal, calf, and hog skins and hides. Hippopotamus hides, etc.
52 Mott & Co. 163 Piccadilly, Mann.—Socket spur, etc., in the several stages of manufacture.
54 Marlow, J. Walsall, Mann.—Steel carriage and riding bits. Spencer’s patent metallic saddles. Harness, with registered mounting. Stair balustrades in malleable cast iron, possessing strength of wrought iron.
55 Cox, S. Walsall. Inv. and Mann.—Newly invented Albert stirrup and stirrup lever, and improved draw-mouchoir clipper-bit.
57 Hawkins, J. Stafford St. Walsall. Mann, and Inv.—Registered carriage and hackney bits. Registered Chiffey bit. Improved steel stirrup iron, etc.
58 Brack, H. Walsall, Mann.—Bits, stirrups, and spurs for the South American market.
62 Lambert & Son, Bermondsey New Rd. Mann.—Wellington boot-fronts. Grain and waxed calf hides. Cordovan hides, etc.
64a Threlkeld, E. 34 St. Bread Golden Sq. Mann.—Officer’s Hussar saddle-tree. Side saddle-tree, with a leaping-head.
65 Brown & Son, 7 Mont Row, Birmingham, Mann.—Specimen of cut-back head saddle-tree, whalebone springs, galvanized plates, spring bars, and copper rivets, to prevent rusting, etc.
69 Coleman, T. G. Lacey Hall Farm, Offley, near Hitchin, Herts, Inv. and Pat.—Expanding saddle; self-acting elastic spring roller; harness, with spring trac, etc.; safety rein.
70 Garnett, W. Tarporley, Cheshire. Inv. and Des.—A saddle, with seat, skirt, and flap in one piece, with patent spring bars to release the rider when thrown from his horse.
70 Vick, H. Gloucester. Inv.—Improved registered harness harnesses.
71 Musker, T. Devon. Inv.—Patent elastic collar for horses, formed of iron, cork, horse-hair, etc.
78 Ramset, W. Hull. Inv. and Mann.—Registered elastic-seated saddle.
80 Thomas Carr, Fred. Scow. Mann.—Registered flexible saddle, with metal castle, yielding to the slightest pressure, constructed to cause a circulation of air between the seat of the saddle and the horse’s back.
81 Blackwell, H. & E. 265 Oxford St. Inv. and Mann.—Cab or phaeton harness, of black patent leather. Improved fat-skin leg, and speedy-carriage, etc.
82 Peck, A. E. 151 Strand, Des. and Mann.—Improved Cleveland and East India hunting saddles; lady’s saddle. The Victoria bridge and stirrup. Improved shaft and trace tugs.
83 Parson, W. 27 Little Windmill St. Golden Sq. Des. and Mann.—Calf, with improved harness and furniture.
84 Knowles & Eldred, 18 Regent St. Mann. and Prop.—Whips, walking sticks, riding cases. Bottles and flasks. Whistles, etc.
85 Martin, W. H. 64 Burlington Arcade. Inv. and Mann.—Whips and cases, etc. Walking-stick, bottle with wine-glass. Inv. by F. Whistaw, Esq.
87 Skinner, A. Camberwell Green. Inv. and Mann.—Air-filled horse-collar, to prevent galled shoulders and jibbing.
88 Hickes, H. 59 Davies St. Berkeley Sq. Inv. and Mann.—Lady’s saddle, with elastic support for the left foot.
89 Green, R. 8 Edward St. Portman Sq. Mann.—Ladies’ saddle, hunting saddles, bridles, harness, etc.
90 Warne, J. C. 30 Liverpool St. City and 183 Regent St. Inv. and Mann.—Silver-mounted harness, with improved registered tugs. Light pony and tandem harness, etc.
90 Langdon, W. jun. 9 Duke St. Manchester Sq. Des. and Mann.—Light phaeton harness.
90 Butler, H. 4 Park Lane. Mann.—Lady’s saddle, and hunting or park saddle, with improved elastic seat. Harness pad, etc.
91 Prowse, J. 37 Union St. Middlesex Hospital, Mann.—Slate pony bridle for the Prince of Wales, des. by W. H. Rogers, made by W. Langdon, etc.
92 Swain & Adney, 183 Piccadilly, Mann.—Riding
UNITED KINGDOM.

Class 16. Leather, Saddlery and Harness, Skins, Fur, and Hair.

Whips, mounted with gold, set with brilliants and rubies. Whips. Caskets. Horse and other brushes.

83 Bell, C. 34 Wigmore St., Mann.—Improved lady's saddle. A dress single harness. Phaeton harness. Single-horse harness.

85 Bywater, W. M. 99 Piccadilly, Des. and Mann.—Water meter. Harness, with patent silvered glass front, &c.


91 Cuff, R. 18 Cockspur St., Des. and Mann.—Embroidered velvet saddle, riding bridge, and harness, with gilt ornaments. Hunting and other saddles and bridles.

96 Winks & Son, 16 and 19 Vaux St. Oxford St. Mann.—New safety side-saddle, in case of a fall.

99 Botland, W. 199 Sloane St. Chelsea, Mann.—Lady's saddle, with movable leaping head. Gentleman's spring saddle.

100 Peak, J. Old Kent Rd. Mann.—Harness. Painted canvas for harness fronts, &c.

101 Canavan, A. 7 Wyndham St. Bryanstone Sq. Prop.—Two saddles, made by Gibbons & Co. Coventry Street; one with Canavan's registered safety panel; the other with Reed's patent girth regulator. Five brushes, made of elastic buff leather, by Kent, of Marlborough Street.

102 Stokes, J. 25 Gt. Winchester St. Inv. and Mann.—Lady's saddle, for riding on either side. Pack-saddle, &c.

104 Macie & Son, Maidenhead, Berks, and Beaconsfield, Bucks, Inv. and Mann.—Horse collar, for heavy draught, especially up hills with bad or no roads. Improved pony harness.

109 Hughes, R. 52 Clifton St. Finsbury Sq. Mann.—Heraldic mountings for harness.

107 Barlow, H. 91 Wimpole St. Mann.—Blue Morocco bridles, hunting breastplates, and other harness.

108 Blake, C. 47 Wood St. Cheapside, Mann.—Riding whips, of black and white whiskered wool. Walking sticks, and gig whips, &c.

112 Boots, J. P. South Quay, or Union Quay, Cork, Ireland, Inv. and Mann.—Victorian box and muffs, made of the Irish turkey feather side. Victoria, made of the Irish turkey wing feathers.

114 Hook, J. 66 New Bond St. Mann.—Ladies' riding boots; dress boots and shoes; costume boots and shoes; slippers, clogs, &c.

115 Besse, W. & W. Jun. 60 and 61 Marylebone Lane, Mann.—Boots. Boot fronts, from skins imported in a rough state. Soles, tanned with oak bark.

116 Parker & Son, Wood St. Northampton, Mann.—Boots and shoes.

117 Lloyd, J. P. Northampton, Mann.—Boots and shoes.

118 Beattie & Jeffs, Parade, Northampton, Mann.—Boots and shoes.

119 Moore, G. Northampton, Mann.—Boots and shoes. —Boots and shoes.

120 Love, W. J. Daventry, Northamptonshire, Mann.—Boots and shoes.

121 Groves, J. & R. Northampton, Mann.—Police and boots and shoes; waterproof boots; regulation army Blucher boots.


125 Barrell, C. Traunton, St. James, II. Inv.—Improved rotary boot-heels. A spring sole, to assist in walking, made of steel, covered with leather or gutta percha.

124 Hutchins, J. 20 Green St. Bath, Somerset, Inv. and Mann.—Elastic boots and shoes, with noiseless heels, &c.

125 Park, Lomas, & Evett, 155 Moor St. Birmingham, Inv. and Mann.—Boot-trees and stretchers. Improved clogs.

127 Ramsbottom, E. Merton, Surrey, Inv.—Improved clog.

139 Tasker, J. Sheffield, Inv. and Mann.—Pair of shoes with gutta percha bottoms; made principally by machinery; made in one-third of the time, and much cheaper than the ordinary boots and shoes.

140 Thompson, S. Blackburn, Mann.—Clogs, as worn by the operatives of Lancashire and Yorkshire. The same, with steel springs in the soles.

142 Wallace, T. Branding Pl. Newcastle-upon-Tyne, Inv.—Improved boots for children having weak ankles and legs.

144 Scarborough J. V. Glasgow, Mann.—Set of boot-trees, with rule joints in leg. Men's water-tight boot clogs. Men's spring and other clogs.

144 Petitt & Son, Birmingham, Des. and Mann.—Waterproof goloshes, compounded of caschuche, leather, and gutta percha.

145 Saunders, C. Reading, Mann.—Red morocco leg patent goloshed vandyked button boot.

146 Mathes, J. Rochdale, Lancashire, Maker.—Wellington boots, with steel spring shanks, which improve the form and retain the shape.

147 Cark, J. Wisbech, Inv. and Mann.—Improved waterproof boot, buckle, and Blucher boots.

148 Clay, J. Richmond, Yorkshire, Inv. and Mann.—Gentlemen's safe and easy shooting boots, on a new principle.

149 Doe, W. Colchester, Mann.—Improved strong high shoes.

150 Newall, G. 101 Gloster Lane, Brighton, Mann.—Wellington boot, exhibited as a model for construction and workmanship.

151 McLeod, J. 30 North John St. Liverpool, Mann.—Dress military boots, with revolving heel, &c.

152 Barracough, S. Tamworth, Inv. and Mann.—Dress boots impervious to water.

153 Allen & Son, Trefgarne Rocks, Pembroke, Wales, Mann.—Gentlemen's waterproof shooting boot.

154 Heyford & Eales, Derby, Man.—Boots and shoes, ornamental leather, and satin dress Wellington. Patent top-boots, and patent shoe without a seam.

155 Hudson, A. Cranbrook, Mann.—Pair of top boots, the legs and tops seamless. Wellington boots, worn with the full Highland costume.

156 Windram, R. Richmond, Yorkshire, Mann.—Patent boots and shoes, free from seam or roughness under the sole of the foot.

157 Vincent, R. Glastonbury, Mann.—Suit of leather clothes, to imitate superfine black cloth.

158 Clarke, R. 37 Lowther St. Whitehaven, Mann.—Ladies' Cumberland boot clogs.

159 Burgess, G. South Bridge, Edinburgh, Des. and Mann.—Improved Balmoral shooting boots. Highland boots, worn with the full Highland costume.

160 Baxter, R. Thirsk, Yorkshire, Inv. and Mann.—Pair of walking boots, with clogs and springs. Pair of skateboarding boots, with springs, &c.

161 Peck, W. Browning St. Stafford, Mann.—Ladies' elastic button gaiters, side lace and cashmere boots, &c.

162 Colloch boots. Velvet, carriage tie boots. Slippers. Silk elastic cloth and button shoes; design for registration.

163 Medwin & Co. 48 Regent St., Mann.—Registered elastic boots, top-boots for racing, &c.


165 Hall & Co. Wellington St. Strand, Pat. and Mann.—Boots and shoes, leather-cloth, or pannus corium.

Class 16. Leather, Saddlery and Harness, Skin, Fur, and Hair.

UNITED KINGDOM.

201 Norman, S. W. 4 Oakley St. Westminster Rd. Inv. and Manu.—Ladies' cork and leather boots and shoes.
202 Hoby, G. 45 St. James's St. Manu.—Napoleon and other boots made of waterproof leather. Specimen of the leather, and cleaning composition.
203 Schaller, J. 19 Charles St. Middlesex Hospital, Inv. and Manu.—Waterproof boots, shoes, and overshoes, clogs, elastic gaiters, &c.
204 Ridley, J., 1 St. Paul's Ciry.—Ladies' boots and shoes.
207 Wale, W. 7 Buckingham Pl. Fitzroy Sq. Manu. and Des.—Pair of shoes.
208 Salter, G. 46 Windsor St. Islington, Inv. and Manu.—New invented cork boots, waterproof and ventilating.
210 Tollett, T. Earl's Ct. Kensington, Inv. and Manu.—Boots with revolving leather heels.
211 Thomas & Son, 36 St. James's St. Manu.—Household cavalry jack-boot; other boots. Scotch brogues. Regulation steel and gilt spurs. Model pump.
212 Gordon, E. 6a Prince's St. Leicester Sq. Inv. and Manu.—Screw lump-sole boots, with pegged waist.
213 Mitchell, F. 5 Cartwright St. Royal Mint, Manu.—Ladies' cork sole boots, made of royal purple silk velvets.
215 Currie, J. 3 Panton St. Haymarket, Inv. and Manu.—Improved waterproof boots.
216 Faulkner, O. 30 Wigmore St. Cavendish Sq. Inv. and Manu.—Waterproof fishing or shooting boots.
219 Bridges, C. H. 57 Charlotte St. Portland Pl. Inv. and Manu.—Registered rotary heel for boots and shoes.
222 Langdale, H. 57 Mount St. Grosvenor Sq. Manu.—Children's boots and shoes, the needles for by Ann and Helen Langdale, &c.
225 Roberts, A. 123 Regent St. Manu.—Boots.
227 Grundy, T. 8 St. Martin's Pl. Charter Cross.—Boots made of leather, soft and pliable, having a fine polish, and requiring little blacking.
229 Scott, S. T. Union St. Southwark.—Reg. lasts, with sliding and moveable toes.
230 Garber, D. 41 Finsbury Market, Manu. and Des.—Portable boot-trees for five kinds of boots and shoes, containing blacking brushes, boot-lets, &c.
236 Bowles, J. 3 Little Portland St. Manu.—Lasts, trees, and stretchers, for boots.
237 Lanagan, F. 19 Brownlow St. Holborn, Inv.—Shoe for the cure and prevention of bunions. Instrument for measuring the foot.
243 Parker, J. 35 Dame St. Dublin, Manu.—Boots and shoes; all made of Irish materials.
244 Wren, W. Worcester, Manu.—Coloured hair-cloth and cloth composed of hair and silk. Horse-hair carpet, woven like Brussels carpet.
245 Brown, F. 47 Fenchurch St. Manu. and Des.—Head-dresses of ornamental hair.
256 Bouchet, C. 74a New Bond St. Manu.—Specimens of the new improved crochet-work in wig-making, on skin and on net.
247 Beck, R. 79 Cheapside, Manu.—Specimens showing the improvements in wig-making during the last ten years.
248 Rose, L. 254 Regent St. Inv. and Manu.—Wigs of various kinds.
UNITED KINGDOM.

CLASS 16. Leather, Saddlery and Harness, Skins, Fur, and Hair.

243 WINTER, W. 205 Oxford St. Inv. - Transparent wigs, head-dresses, &c.
251. 363 CRAWLING, H. R. 46 New Bond St. Inv. and Manu. - Wigs, head-dresses, &c.
252. 391 GRAY, ELIZA W. 5 Charles Sq. Hoxton, Des. and Manu. - Group of flowers, made of human hair.
253 LIDDELL & BARNETT, 217 Regent St. Inv. and Manu.
254. 391 WORX, R. 17 Dawson St. Dublin, Manu. - "Gossamer" transparent Temple spring wig.
255. 391 MAURY & BLACK, Cape St Dublin, Manu. - Ladies’ and gentlemen’s perukes, bar wig, &c.
256 DOUGLAS, E. 24 North Audley St. Inv. - Specimen of joined hair, seven feet long. Circular hair-brushes.
257. 391 CURTIS, D. A. 37 Regent St. Manu. - Perukes, &c.
258. 391 MURCH, W. 4 Victoria Rd. Piccadilly, Inv. and Manu.
- Improved theatrical wigs and beards.
261 FROOTY, J. Cork, Manu. - A lady’s head-dress.
264. 391 TYRACK, W. V. Norfolk, Manu. - Specimens of false hair.
266 WILKES, J. T. Lingfield, East Grinstead, Manu. - Crop hides of North Wales runt, weighing 83 lbs. used for boot and shoe soles, &c., prepared at Balsam’s tan-yard, Lingfield. The tanning occupied two years.
267 DUCAS, Earl, Tortworth Park, Wotton-under-Edge, Gloucestershire. - Cart-harness, for agricultural and other purposes, with improved registered hames, by R. Vick, Gloucester.
270 OAKLEY, T., Maidstone, Manu. - Light lady’s saddle, quilted all over, with fancy wool-work introduced.
271 BANDERS, F. W. Thame, Oxon, Manu. - A four-horse cart harness, for agricultural and general purposes.
273 COX, L. Barnstaple, New Paisley, Prod. - Set of cart harness.
275 COX, T. Buff Coast Lane, Norwich, Des. and Manu. - Pony harness, and fancy baskets, woven from flax grown in Norfolk.
277 CRAWF, R. Horse Market, Darlington, Durham, Manu. - Saddle of light weight, and a good hunting saddle.
278 DIX, R. High St. Walsall, North Wales, Inv. - Harness and riding bridles, with noseband horse-stopper to stop horses when running away.
279 POLLOCK, J. 151 Stockwell Street, Glasgow, Manu. - Complete set of Scotch horse harness, &c.
284 RANDALL & DICKES, 21 Greek St. Soho, Manu. - Skins for oil leather, in raw state and in various stages of manufacture.
285 POLLAM, B. W. & J. 17 Greek St. Soho, Manu. - Specimens of oil leather in various stages of dressing.
287 JACKSON, R. B. 9 Hampstead St. Fitzroy Sq. Inv. - New mode of restoring Morocco leather.
290 DIXON & WRIGHT, Bermondsey, Manu. - Hide split into three, the grain enamelled, and the two splits Japanese. Buenos Ayres crop butts, &c.
291 CARLYLE, W. 21 Holwell Lane, Shoreditch, Inv. - Skin of sprinkled calf. Improved method of colouring leather before being cut up.
295 BOWARD, J. 7 Church St. Russell St. Bermondsey Manu. - Tanned buffalo hide, imported from Cape of Good Hope in 1847, and tanned at Lynn, in Cheshire.
296 HENTZS, L. 1 School Lane, Liverpool, Imp. - Black japanned calf-skins, tanned and prepared by Heinze and Preussenberg, Weilheim, near Mannheim, on the Rhine.
300 BOWES, A. Milson St. Bath, Inv. - Perukes, manufactured without stitching.
301 NICHOLSON & Co. Regent St. A large collection of furs from all parts of the world. Collected by the exhibitors, &c.
302 POKLAND, Son, & MEREDITH, 83 Bread St. Chesapeake, Des. and Manu. - Leopard and other hearth-rugs.
303 RYAN, P. L. Little Knight Rider St. St. Paul’s Churchyard, Manu. - Mineir boa, with ornamental lining.
304 MEYER, M. & J. Bow Lane, City, Manu. - Dressed Kashmir rabbit skins, riding boots, muffs, gloves, &c.
305 ELLIS, G. 23 Fore St. Des. and Manu. - Boas, victorinas, muffs, &c. in fur and velvet.
307 CLARK & SONS, 157 Chesapeake, Manu. - Manufactured furs of ermine, minks, and musquash, natural and dyed.
308 CALLOW & SON, 3 Park Lane, Inv. and Manu. - Riding whips, of clarified rhinoceros hide. Riding and driving whips, with the handle of hippopotamus leather enamelled green.
309 FLETCHER, H. Manchester, Inv. and Manu. - Brass letters and ornaments on glass. Brass or zinc engraved plaques, filled with a composition that will not crack.
309 VOX, E. 'S. T. 9 Hope Cottages, Cottage Grove, Bedford New Ed. Clapham Rise, Des. and Manu. - Scarlet cloth table-cover, braided with upwards of 2,000 yards of black mohair cord, without patterns or pouncing.
312 BARKER, A. D. 16 Gt. College St. Camden Town, Des. and Inv. - Flexible" rexow green." Leather.
313 BARKER, A. D. 16 Gt. College St. Camden Town, Des. and Inv. - Life-sized model of the dodo. This extinct bird was formerly very abundant in the island of Mauritius. Stuffed animals and birds.
316 GODDARD, G. 16 John St. Cruched Friars, Des. and Inv. - A pair of top boots, for horse racing; weight, 3 ounces.
317 GILL & WARD, Oxford, Manu. - Improved portable copper steam-generator. Also two iron vessels for boiling or steaming food.
318 HENRY & SONS, 81 Buchanan St. Glasgow, Manu. - Embroidered dresses in merino, vescoro, muslin, batiste, barige, linen, and silk and linen, brocaded and jacquard woven.
319 HENTZS, L. 7 Bridge St. Lambeth, Manu. - Set of brougham harness, of first quality and workmanship.
320 HOGARTH BROTHERS, Cork, Ireland, Manu. - Boot fronts and legs; black-grained calf; calf-skins, waxed and russet, and tanned in sumach.
 class 17. paper, printing, and bookbinding.


3. Hughes, E. Greenwich Hospital Schools, Des.—An improved map of the British islands, physical, political, and industrial. Map of Palestine and adjacent countries, physical and political.


5. Eames, J. S. 64 Berwick St. Soho, Manu.—Book binding, and leather stationery. In imitation of woods.


8. Galland, W. 50 Linnen Grove, Des.—Portable frame for cases at the imposing stone, or for extra cases.


11. Harms, R. R. 182 Fenchurch St. Manu.—Account books; bankers' ledgers; ledger and Journal, with gutta percha backs, &c.


13. Hood, J. H. 26 Red Lion Sq. Inv. and Manu.—Improved portfolios, to protect the edges of drawings and prints, &c. Illuminated vellum binding.

14. Hughes, G. A. 9 Mount Bow, Westminster Rd. Inv. (Blind)—Machines for enabling the blind to write, calculate, and copy music, &c.

15. Hyde & Co. 61 Fleet St. Mann.—Rider's new mode of taking impressions from intaglio. Solid India and other sealing-wax.


19. Lloyd, H. 26 Bishopsgate, Inv. Pat. and Manu.—Cork cut by machinery, to preserve books and paintings from damp.


23. Oakes, H. 51 Dean St. Soho, Inv.—Diagrams for teaching the theory of music.

24. Parsons, Fletchers, & Co. 23 Bread St. Manu.—Printers' inks, black and coloured.

25. Penny, H. 11 Old Bailey, Manu.—Metallic pocket-books.


28. Sampson, W. 17 Kirby St. Hatton Garden, Manu.—Specimen of bookbinding.


30. Saunders, C. Kilburn Lodge, Kilburn, Prop.—Map of Ireland, by J. Dower.


34. Smith, J. 43 Rathbone Pl. Inv. and Manu.—Adhesive envelopes, &c. Dowse's tracing and writing cloth.


36. Joyner, W. St. Mary Cray, Manu.—Specimens of writing paper. Large bank post, blue, white, blue laid, and cream laid post; cream laid and blue laid foolscap.

37. Tarrant, A. 190 High Holborn, Manu.—Specimens of bookbinding.

38. Thomas & Sons, 20 Cornhill, Manu.—Ledgers in various sizes and bindings.
UNITED KINGDOM.

CLASS 17. Paper, Printing, and Bookbinding.


46 WATERLOW & SONS, 66 London Wall, Man.—Account books, with patent backs, and general stationery.


48 WHELEY, J. Playhouse Yard, Blackfriars.—Specimens of bookbinding by hand and by machinery.

49 WILKIN, R. 13 & 14 Little Britain.—Playing-cards, the backs enamelled and ornamented in gold and colours.

51 WHITMAN, F. J. 19 Little Queen St. Holborn, Man.—Improved perforated plates for marking linen, &c.

52 WILDFIELD, G. F. 6 Harrow Rd. Paddington, Inv.—Railway, omnibus, and toll-bar pocket-book and purse.

55 WILLIAMS, J. 29 Bucklersbury, Man.—An assortment of ledgers.

56 WILLS & TUCKER, 15 Frieth St. Soho, Inv. and Man.—Views of the Exhibition Building, application of printing to tinsel, &c.

58 ATKINSON, W. Lamb's Passage, Finsbury, Man.—Dyed and embossed calico, for bookbinding purposes.

59 RAWLINSON, D. Clichy Common, Man.—Guard books, and specimens of bookbinding.

60 BOWERS, W. Cheyne College School, Chelsea, Inv.—Complete phonological English alphabet. Mechanical syllabicator and instructor.

61 BOWLEY, M. 10 Lawrence Pountney Lane, Inv. and Man.—Patent headbands for bookbinding, made by machine.

62 BOYCE & SON, 76 Fleet St.—Specimens of bookbinding, showing the present state of the art.

63 BOWENS, G. 1 Little Queen St. Holborn, Inv. and Man.—Registered artist's economical desideratum, containing seat, and the necessary requisites for sketching.

64 BRETT, T. D. Man.—Patent paper cloth, in rolls of 100 yards, transparent and opaque.

65 CARS, D. 18 Wilson St. Finsbury, Man. and Imp.—Vine and ivory blocks for printers, dyers, japaners, paper stationers, and curriers.

66 CANDY, T. H. King's College, Strand, Inv.—Map of the globe, the meridians of equal length, and the parallels of latitude in their true proportion.

67 CHURCH, E. 26 Holles St. Des.—Specimens of bookbinding; each work ornamented according to the era or the subject of which it treats.

68 CLARKE, J. 61 Frith St. Soho.—Various specimens of bookbinding.

71 CLAYTON, J. 11 & 22 Little Pulteney St. Golden Sq. Inv.—Material for bookbinding, or other purposes where plain or ornamental surfaces are required.

73 CROFT, J. C. & J. 34 Cannon St. Man.—Coloured, embossed, and transparent sealing-wax.

75 CRUCHLEY, G. F. 81 Fleet St. Des.—Large map of England and Wales, consisting of 66 sheets, each 24 by 19 inches, at two miles to the inch; and other maps.

76 DE LA RUE & Co. 110 Bunhill Row, Man.—Envelope folding and gumming machine, invented by E. Hill and W. De la Rue. Samples of stationery, and specimens of printing and bookbinding.


78 CARLTON & Co. Chiswell St.—Specimen of calligraphic type, engraved, &c. by E. Ballan. Colours for ornamental printing.

79 DODDS, KIDD, & Co. 131 Fleet St. Des. and Man.—Embossed drawing-boards, cards, and paper. Lace-ber-dered cards and paper. Application of embossing to the fine arts.

80 DROBA, B. Ivy Cottage, Kingsland, Inv.—New chemical ink for writing on paper or parchment, being pure, for butchers, bakers, clerks, confectioners, &c.

83 HAYWOOD, J. 170 Deansgate, Manchester, Man.—Copy-books, with printed headings, and in two qualities of paper.


86 HARRIS & MELLOR, Leeds, Man.—Press papers, for wooden cloths. Brown papers, glazed and unglazed, for wrapping up, &c.

88 KINNIBURGH, J. Y. 39 Briggsgate, Leeds, Man.—Ladgers and smaller account-books.

89 RAGSTY & CO., 15 Paternoster Row, Prod.—Polyglot bible, printed in separate pocket volumes, which correspond, page for page, with each other. Other specimens of typographical art.

86 CAUSER, G. New Coventry St. Inv. and Man.—Print collector's improved scrap-book, without guards.

90 RIVIERE, R. 28 St. Queen's Inn Fields, Des.—Specimens of bookbinding.

90 FREDERICK BROTHERS, Edinburgh, Man.—Specimens of printing type.

92 BARTLETT, H. 13 North Bank St. Edinburgh, Des. and Man.—Bookbinding. An imperial quarto Bible, splendidly bound, with case, &c.; designed and executed after business hours, by gas light, by a self-taught individual.

92 SINCLAIR, DUNCAN, & SON, Whiteford House, Edinburgh, Des. and Man.—Small fonts of music type of different sizes and body, with specimen pages, &c.

96 WATTINGTON, G. Edinburgh, Man.—Specimens of sealing wax and wafers.

94 MacKenzie, W. London St. Glasgow, Inv.—A volume printed in church text, illuminated with red capitals, both colours printed from the same form.

95 BARKES, WEIRHOUSE MILL, Chesham.—Writing-papers, with ornamental designs, and autograph signatures in the water-mark, &c. Patented.

97 BARNER, R. Cambridge, Des. and Man.—Bookbinding, &c. Albums, inlaid in colours; the leaves gilt, silvered, painted with colours, &c. Bible in purple morocco, with gilt cover and joints.

98 JENKINS, E. Reading, Man.—Specimens of bookbinding in leather.


102 WILKINS, W. St. Woolnoth, Rochester, Des. and Man.—Specimens of writing paper ornamented by wreaths of various flowers in water-mark. Design registered.

103 WHELAN, H. R. 9 Trinity St. Cambridge, Man.—The King's Bible, printed at the Pitt Press, Cambridge, bound in royal scarlet morocco, illuminated with leaves, tooled edges, &c.

105 COWAN & ASHER, 21, Old Bond St. Publishers.—Specimen of bookbinding; 16 sheets in gold paper, morocco, and cloth, by James Hayday. Metal ornaments, by T. Burt and Sons.

107 KNIGHT & HAWKES, 13 Clerkenwell Close, Man.—Stereo type casse, in English, German, Irish, Syrian, Hindostanee, Chaldean, Persian, and other types; from engravings in wood, steel, &c. Stereo type plates for surface printing in colours, and for embossing.


109 OKE, W. S. & Co. Amen Corner.—Specimens of
UNITED KINGDOM.

Class 17. Paper, Printing, and Bookbinding.

plain and ornamental binding. Series of maps, illustrating
the physical features and phenomena of the globe.
110 FECHEML, J. P. Des.—Tate's archer ink.
111 WATKINS & Co, Ffair. St. Doctors' Commons,
Manu.—Specimens of bookbinding, in plain and ornamental
styles.
118 EVANS, E. Yorkshire St. Oldham, Des.—Specimens
type of typography.
117 MACNAIR, W. Glasgow.—Specimens of book-
binding.
119 STERLING, W. Kessmir House, Glasgow, Prop.—
A copy of the Bible, in white morocco, and gilt, as a speci-
men of bookbinding.
119 TODD, J. Perth, Manu.—Writing inks and ink
powders, known as the Perth writing inks.
120 PARKER, J. H. Oxford, Prop.—Illustrated books.
121 FLOHMAN, J. St. Albans St. Oxford, Inv. and
Manu.—Portable letter-press, for taking copies of letters,
written in ink, by the mere pressure of the hand.
122 EDWARDS, H. E. 7 Withworth Row, Dublin, Inv.—
Substitute for the stereotype plate now in use.
123 COKES, W. & Co. New Burlington St. part Manu.—
Dr. Boyce's collection of cathedral music, by J. Warren;
as a specimen of the art of engraving and stamping musical
notes on plates of pewter; also of music, printing, and book-
binding.
124 FIGGIS, V. & J. Des. and Manu.—Specimens of
type, of French, German, and English design. Raw materi-
als. Moulds and matrix. Specimens of stereotype and polyst.
125 NOVELLO, J. A. 60 Dean St. Soho, and 24 Poultry,
Proo.—Specimens of music type, and a sketch of the method
of printing music from movable types, &c.
126 MANSER & MORE, 8 Wilson St. Gray's Inn Rd.
Manu.—A wood-cut biutinuous, stereotype plates, and
engravings.
127 PETRERMAN, A. Camden St. Camden Town,
Ganger and Engraver. Geographical illustrations, consisting
chiefly of physical and statistical maps of the world.
Specimens in manuscript, engraved on metal and engraved on
linen.
128 WILSON, J. L. 196 St. John St. Manu.—Specimens
of various kinds of cloth for bookbinding.
129 DUNTHORPE, J. 17 Albion St. Leeds, Des. and Manu.—
Specimens of bookbinding.
129 KENNEDY & RANSAY, Market Pl. Arbrough, Scot-
land, Inv.—Book containing impressions from natural
leaves.
130 CLARKE, W. Dunfermline, Des.—Speci-
ments of bookbinding.
135 CLARKE & DAVIDSON, Maschlin, Scotland, Manu.—
Specimens of bookbinding in wood boards, ornamented with
arabesques, &c. Metallic books, with arabesques, &c.
Oriental wood flower-frames. Work-box. Crotchet stock-
boxes, &c. of fancy wood, with imitation of tartan.
135 BRADBURY & EVANS, Whitefriars.—Specimen of
letter-press and wood-cut printing.
137 DUDMAN, J. Camberwell Pl. New Rd. Inv.—Speci-
ments of three sorts of self-sealing envelopes.
138 WRIGHT, J. 14 and 15 Noel St. Soho.—Various
specimens of bookbinding, including the illuminated books
of the middle ages, by H. Niel Humphrey and Owen Jones.
140 PICKERING, W. 177 Piccadilly.—The Victoria Book
of Common Prayer.—King Edward VII's Book of Common
Prayer, with musical notes by John Merbecke, 1550. En culpa,
the first six books, with coloured diagrams and symbols.
Specimens of the dresses, decorations, missal ornament, and
decorative art of the middle ages, by H. Shaw.
142 RALPH, F. W. 36 Throgmorton St. Manu.—Regis-
tered polyhreast envelopes, invented to combine in one the
name and envelope.
143 DAVIES, J. Cullompton.—Specimens of paper.
144 SMITH, W. & A. Maschlin, Ayrshire, Scotland, and
61 Charlotte St. Birmingham, Manu.—Variety of articles of
Scott fancy wood-work, made chiefly of the wood of the tree
sycamore, ornamented with tartan checking, and in the
style called Scotch-Russian.
145 BLINKS & GOODWIN, Bath, Publishers.—Natural
illustrations of the British grasses; illustrated with sixty-
two real specimens.
147 LAMB, J. Newcastle-under-Lyme, Manu.—Pottery
bottle papers, used for printing china and earthenware
from copper rollers and plates. Specimens of old rope
from which the paper is manufactured.
148 STAVENES, J. 8 Dock St. Hull, Inv.—New applica-
tion of the electrotype to letter-press printing, by which
plates are manufactured similar to those of stereotype.
148 VENAMES, JOHN, & TYLEE, 17 Queen's Mews,
Manu.—Specimens of the present state of the paper manu-
facture in Great Britain, classified and arranged in portfolios
and reams. Specimens of the materials used in its various
stages of preparation for the manufacture of paper.
150 MILLER & RICHARD, Edinburgh, Founders.—Spec-
imens of the smallest sizes ever manufactured in this
country; cut and cast especially for the Great Exhibition.
The whole of Gray's Elegy, consisting of thirty-two verses,
is contained in two columns, 3½ inches deep.
153 MILLER & RICHARD, Edinburgh, Manu.—"Bril-
liant" type. A specimen of type, said to be the smallest
ever manufactured in this country, cut expressly for the
Great Exhibition of 1851, and cast by the exhibitor's patented
machine.
154 RELIGIOUS TRUST SOCIETY, 56 Paternoster Row,
Proo.—Religious books and tracts, printed in the languages
and dialects of Great Britain, Western, Northern, Central,
and Southern Europe; Asia, Africa, North America, and
Poliuee.
156 SWAN, T. F. 48 Southampton Buildings, Inv. and
Manu.—Specimens of red marking-ink for linen, silk, &c.
156 WOOD, W. 34 Southampton Buildings, Cheapsay
Lane.—An improved instrument for writing with pens and
ink several copies simultaneously.
159 LEIGHTON, J. & ROB. Harp Alley, Shoe Lane.—
Specimens of bookbinding by machinery, each book being
ornamented at a blow by an engraved die.
160 WOODCROPP, J. 16 and 17 Portugal St. Lincoln's
Inn Fields, Des. and Manu.—Specimen of a account book,
of patent valum cloth.
160 SAUNDERS, T. H. Dartford, Kent, Manu.—Glass
transparent, to show the watermarks in paper.
161 BURBILG, G. H. 9 York Ter. Queen's Rd. Hornsby
Ed. Holloway, Inv.—Improved patent envelope.
162 BRENDLE, W. Twickenham, Pat. and Manu.—Pat-
tent waterproof and paper-maché goods. Waterproof paper,
that used for preserving the roof of the Britannia tube-
bridge; and raised and embossed paper-maché ornaments.
163 LINES & Co. 6 Plumber's Row, Fieldgate St.
Whitechapel, Manu.—Read's patent metallic marking ink, 
Prussian blue, soluble in water, for the manufacture of a blue
writing ink. New salts of gold, ammonio-lodide, and
ammonio-periodide of gold.
164 HARRIS, J. C. Jacob St. Bristol, Manu.—Model of
a shop front, showing the application of mahogany perfor-
dicular shutters, winding both ways.
165 ISAAC, J. E. 62 Castle St. Liverpool, Inv.—Register-
ted cabinet, in oak, for containing maps, diagrams, &c.
Registered music and reading desk. Bottles in earthenware
and glass, with lip for holding ink.
UNITED KINGDOM.

CLASS 18. WOVENS, FELTED, AND LAID FABRICS, DYED AND PRINTED.

168 COX, W. Waterlool Pl, Edinburgh, Man.—Specimen of bookbinding. Model of modern Jerusalem, for illustrating biblical history in schools, &c.

169 ELLIS, H. & B. Hardwick Pl, Dublin, Pro.—The rhyme book, a collection of poems written by the exhibitor.

166 ARMS, F. S. Eras St, Albany St, Inv.—Specimen of a new art, called metallography; consists in printing on ornamental metallic surfaces. Provisionally registered.

169 ROSEW G. Mile End Rd, Man.—Tracing paper, upwards of three hundred feet in length. Ventilating chimney pot.

170 EDINBURGH SCHOOL FOR THE BLIND, Abbey Hill, Edinburgh.—Dr. Fouhia’s tangible ink for the blind, producing raised characters on paper; manuscript music notation for the blind, &c. Mr. Gall’s typewriter, a simple apparatus to teach the blind to write; system of arithmetic for the blind, and types by which blind persons can correspond with one another, &c.

171 GALL, J. Myrtle Bank, Edinburgh, Inv.—Gall’s triangular alphabet for the blind; Gall’s apparatus for writing by and to the blind.

173 HAMMON, W. G. Everton, Liverpool, Inv.—Diagram illustrating a new system of perspective drawing, with specimens.

174 MACAR, R. Dunlop St, Glasgow, Inv.—Electro-stereo-type plate for letter-press printing, from a mould of gutta percha, taken from a page of diamond type in a screw-press.

175 WILLO, J. Charing Cross, East, 454 West Strand, 2 Royal Exchange, and the G. Globe, Leicester Sq.—A General Atlas, containing 67 maps of the various parts of the world, describing their respective, physical and political features, including all the recent discoveries. Other atlases; maps and globes.

CLASS 18. WOVENS, FELTED, AND LAID FABRICS, DYED AND PRINTED.

1 EVANS, D. & Co.

2 BAKER, TOCKERS, & Co. 30 and 31 Gresham St, Man. and Printers.—British and East India silk handkerchiefs and dresses, printed in London. Registered designs.

3 LEDDOON & CO. Friday St.

4 INGLES & WAREFORD, Early Print Works, near Glasgow.—Printed mousseline-de-laines on cotton warp; printed Chaseneau, boulaires, cottons, and jacquards: designs registered.

5 ANDREWS, Sons, & GEZ, 55 Friday St.—Printed cotton, muslin, woolen, and mixed fabrics.

6 DWYER & CO.

7 WILSON & MANGITSON.

8 WILKINSON, W. 69 Watling St.—China cord “pongs” handkerchiefs, and China and grey twilled bandanas, British manufacture. India corals, specimens of madder red, cochineal, crimson, &c. Specimens of printed and dyed work, in various styles.

9 SWASH & EDGAR, Piccadilly and Regent St, Prop.—Spitalfields silks, velvets, &c. manufactured by J. Balse and Sons, Stone and Kemp, and Winkworth and Proctor. Muslins, printed by Hargreaves, Brothers.

10 LAW & Sons.

11 IWCH & W. & Co.

12 KAYE, J. Lawrence Lane, Prop.—Silk bandana handkerchiefs, &c. a study, commemorative of the Great Exhibition. Printed by A. Applegath, Dartford.

13 MALL, J. Sons & Co.

14 McALPIN, BREAD, & Co. Cummersdale, Carlisle, Des.—Machine and block chintz furnishings, upon cotton velvets, and upon calico.


17 WILSON.

18 WELCH, T. Merton Abbey, Merton, Man.—Printed and embossed cloth drawing-room table-covers, different designs and colourings.

19 WADLOW, E.

20 JOHNSON, J. R.

21 SWAINSH & DENNOY, 97 New Bond St, Des. and Printers.—Chintzes for dining-rooms, libraries, &c. Chintzes, imitation of drapery, for wall-hangings, curtains, bed furniture, &c.

22 CLARK, E.

23 THOMSON BROTHERS & Sons, 1 Molesy St, Manchester, Prod.—Printed chintzes and de laines, cotton warps, shot silk, and worsted; printed chintzes, &c. silk warps, shot silk.

24 BURD & Sons, Manchester, Printers.—Machines printed chintzes and muslins, madder and steam colours. Block-printed chintzes, steam colours. Block-printed window blinds. Printed quilts.

25 GRAY & Co.


27 TAYLOR PRINTING CO. Manchester, Prod.—Specimens of machine printing on cotton velvets; eight colours, produced by one operation, at the rate of sixty yards per minute. Specimens of madder work, &c.

28 NESBO, KNOWLES, & Co. 11 George St, Manchester, Printers.—Steam furniture; all the colours printed at once by cylinder.

29 POTT, E. & Co. Ditton Vale, Glossop, and Manchester, Prod.—Variety of calico prints; moderate in cost, adapted for a variety of markets, and produced by machine throughout.

30 SAMUEL, J. & Co. Manchester, Man.—Velvets; velveteens; moleskins; satins; printed drills; Albert tweeds; Holstein; Waldemars; mock quiltings and herring bones; diamond and wadded quiltings and satins.

31 RANNEY, C. & Co. Manchester, Prod.—Dyed and printed cotton brouser cloth, in imitation of woolen.

32 BARNES & Sons, Manchester, Prod.—Dyed calico cloth, Patent cloth, used for curtains, &c. Cloth for ladies’ dresses, coats, bindings for books, &c.

33 BAYNE & CRAVEN, 61 Molesy St, Manchester. Calico prints, fast lillacs, madder colours; and two and three coloured madder works. Sample of a new “resist” purple, &c.

34 BAYLIE & CRAY, 61 Molesy St, Manchester.—Printed calico, for window blinds, madder colours; and two and three coloured madder works. Sample of a new “resist” purple, &c.

35 BAYWICK & JOHNSON, Manchester, Prod.—Printed calico and printed muslin.


37 BERRY, T. & Co. Church, near Accrington, Manchester, Man. and Jay.—Cotton fabrics, dyed Turkey-red and printed in various colours.
UNITED KINGDOM.

CLASS 12. TAPESTRY, FLOOR CLOTHS, LACE AND EMBROIDERY, &c.

38. HABBRAYE, BROTHERS & CO., Manchester; LED-DIARD & CO., London, Marl.—Chintzes and muslins, printed in permanent colours. A design of one block printing, exemplifying the merits of Marvin's patent process with the ordinary colours, &c.

39. SALE, J. N., Manchester, Prod.—Collection of shirtings and of cottons, printed by machine and block.

40. BRADWELL & ADAMS, Ardwick, Manchester, Prod. and Des.—Designs, printed velveteens; a momento of the late Sir Robert Peel, Bart.

41. BRADWELL & ADAMS.

42. WORSLEY, Manchester.

43. SALE, SCHWAB & CO., Manchester, Prod.—Printed cotton cambrics, or calicoes. Printed cotton muslins.

44. BENZIES, W. & CO., Manchester.—Printed calicoes, muslins, furnishing, and velvet; and wools, after printing, manufactured by T. Knight & CO., Manchester.

45. ANDREW & CO.

46. KESSELSTADT & MILLER, 23 Cooper St., Manchester, Inv. and Mam.—Patent velveteens and velveteens, cotton, and cotton and linen, finished in imitation of silk velvet. Cotton velvet and velveteen of the old make.


48. GREENWOOD & BARNES, Irlwell Springs, Manchester, Dyers.—Fancy cotton muslins, dyed Turkey red.

49. SIMPSON & YOUNG, Foxhill Bank, Ascot, and 23 Mosley St., Manchester, Prod.—Balsamenes, barges, and mousseline-de-laines, cambrics, cotton velvets, &c., printed by machine.

51. BARKER, A. Chesterfield, Inv.—Cotton cloth, printed, dyed, &c., prepared by patent process.

52. MONTGOMERY, H. & CO., Glasgow.


54. BLACK, J. & CO., Glasgow, Manm.—Printed cambrics, muslins, de-laines, barges, &c.

55. GOULD & SON, 3 South Frederick St., Glasgow, Des.—Printed muslins, on plain and fancy fabrics: designs registered.

56. MONTGOMERY, J. & CO., 51 Buchanan St., Glasgow, Manm.—Printed muslins and jacquards. Printed mixed fabrics.

57. KERR & MCMILLAN, Glasgow.—Two printed silk pocket-handkerchiefs, exhibited for fabric and design.

58. STEWART & SONS, Glasgow, Manm.—Specimens of Turkey-red dyeing and printing, on cotton fabrics.

59. Ewing, Orr, & CO., Glasgow, Manm.—Turkey-red full chintz furniture printed by blocks. Turkey-red chintz print, printed by cylinder machine.

60. CHADBURN, P. J., Spitalfields, Prod.—English and foreign woollen yarns, English dyed.

61. CHADBOU, J., Spitalfields, Prod.—Specimen of DNA silk dyeing.

62. FRANK, J., Fairfield Silk Dye Works, Droylesden, near Manchester, Inv.—Specimen of dyed silk, for hat plumes, satins, or other fabrics. The colour is unaffected by heat, and the brilliancy is permanent.

63. APPLINGHURST, A. Dartford, Kent.—Bandana handkerchiefs printed by machinery.

65. MAIN, J. SONS, & CO.

66. MACALISTER, Government School of Design, Manchester.

68. FLETCHER, J., Altrincham, Des.—Design, eleven colours, repeat of sketch; design, nine colours, repeat of sketch, intended for practicable work (block work).

69. GLOVER, MARIA, School of Design, Manchester.—Designs for borders, in which natural objects are applied ornamentally, for wall papers, carpets, or porcelain.

70. GREEN, H., Malory Park, Dorchester, Des.—Designs for printing on calico and mousseline-de-laines.


72. HOMER, W. 23 St. James's St., Hulme, Des.—Designs for printed cottons.

73. KAY, H., Newmarket, Manchester, Des.—Designs for muslin-de-laines and cotton muslin.

74. ROBERTSON, T., New St., Altrincham, Des.—Six five-colour designs for de-laines; blockwork enclosed in the same frame.

75. SUTHERLAND, J., Sandtway, Altrincham, near Manchester, Des.—Designs for a portiere, or door-screen; and for machine and block printing on silk, de-laines, and cambrics.

76. WATERHOUSE, J., Manchester, Des.—Ornamental design for a dress skirt; adapted for machine printing on fabric.

77. WHITTLE, J., Manchester, Des.—Design for muslin.

78. CARTER, J., Dartford, Des.—Designs for woven and printed cotton and plush furniture.

79. HIRSON, M. 47 High St., Cowes, Isle of Wight, Prod.—Hair, to show the effect of dye. Wool, showing different dyes applied without fire-heats. Horn, stained without the application of soda or starch, to imitate tortoise-shell.

80. HUDSON, C., Merton, Surrey, Des.—Design for printed shawl.

81. LANEHILL, F. A. 68 Bread St., City, and 31 Acton St., Gray's Inn Rd., Des.—Chintz furniture design, arranged for block printing.

82. FERGUSON, J., Manchester, Des.—Designs for muslin-de-laines.

83. BANDERMAN, J. & CO., Bungay, Bungay, &c.—Handkerchiefs, and bed-coverlets, dyed with muslin.

84. WATSON, J. A., 22 Ormond St., Cheltenham, Des.—Designs for printed muslins.

85. SMITH, J. 미ellard St., Halifax, Author.—Practical Dyer's Guide, contains recipes for dyeing worsted and cotton fabrics, with specimens.

CLASS 19. TAPESTRY, FLOOR CLOTHS, LACE AND EMBROIDERY, &c.


2. FISHER & ROBINSON, 12 Walling St.—Black silk lace and piece goods, blonde machine-run curtains, tambour-flowerings, needlework, quiltings, &c.

3. GRODSHILL, COTTEN, MOORE, & CO., 5 Bow Cty, Manm.—Lace from Honiton and Buckinghamshire, embroidered muslins, cotton lace, net, needlework, &c.

4. LAMBERT & BURG, Lincoln, Ireland, Des. and Manm.—Lace: shaded lace lances; shawls; and worked scarfs, in imitation of Valenciennes, &c.

5. HARTLEY, ELIZABETH, Low Bridge, Knaresborough, Des. Inv. and Manm.—Hath-lug, bone and muff, carriage-bonnet and cuffs, from English lamb and sheepskin.

6. ROBINSON, J. Westerly, Knaresborough, Manm.—Carriage-rugs, hearth-rugs, bone and muffs, carriage and wool-lipperms, and table-mats, from sheepskin.

7. WIXON, F. Goldsmith St., City, Manm.—A rich British point-lace square, and specimens of flouncing.

8. CLARK, M. E. Nest St., Cobourg Rd. Old Kent Rd. Manm.—Printed and painted japanned table covers.
UNITED KINGDOM.

CLASS 19. Tapestry, Carpets, Floor Cloths, Lace and Embroidery, &c.

8 Hill, C. Knaresborough, Manu. - Rugs for carriages, carriage-shakers, and tea-urn mats.
9 CLARKSON, J. Knaresborough, Manu. - Hearth-rug. Door-mats, foot-mats, travelling shoes and boots, muff, box, victorine, and tea-urn mat, from sheepskin.
10 LAUGHER & COX, 97 Oxford St. Prop.-Gulpure lace half-shawl, manufactured at Honiton.
11 WEDO, F. P. 29 Lower St. Ilington, Des. and Manu. - A lace berthe of a description of work designated British lace.
12 FULLAM, Matilda, 126 Albany St. Regent's Park, Des. Inv. and Manu. - Modern point lace, worked with a common sewing needle.
13 TAYLOR, S. & Gresham St. West, Manu. - Tamboured lace scarf, imitation of Honiton, manufactured in London.
14 GOULD, J. & F. 29 Watling St. Manu. - Registered Victorian lace work, produced entirely by hand.
15 URING, G. F. 234 Regent St. Manu. - White lace scarf, in imitation of Brussels point, embroidered in gold, &c., and worked upon a fine clear patent net.
16 GARD, W. S. 268 Regent St. Des. and Manu. - British point lace scarf. British gulpure lace berthe, a new manufacture.
17 BRIG DE LA BRANCHERIE, ELEOW, New Bond St. Inv. and Manu. - Crochet work. Florzca, imitation of Spanish point lace. Design, in silk and gold, for Prayer-book covers.
18 CLARK, J. 170 Regent St. Manu. - Royal Irish snow point lappet; head dress of Irish rose point; loop point scarf of Belfast; Hibernian point collar, &c.
19 CLARK, J. 170 Regent St. Des. and Manu. - Spitalfields enamelled silks and articles of Irish point lace (Belfast).
21 ADAMS & SONS, Nottingham, Manu. - Lace and edgings made entirely by machinery.
22 WALKER & WINDLEY. Nottingham, Manu. - Thrown silk used in the manufacture of lace, hosiery, and gloves. The produce of India, Italy, and China.
24 STREET & SONS, Nottingham, Manu. - Cotton gauze, lisle and dressed cortes; double-spun, or single cotton; selvage and warp-cotton threads, &c.
26 WITLOCK & BELLALL, Martin Gate, Nottingham, Manu. - Machine-wrought cotton Mochlin lace, needled embroidery. The groundwork made from No. 620 yarn, spun and doubled.
28 HENRY & Co. Nottingham, Manu. - Lace of various kinds from the warp machine; crochet lace from the warp and twist machine. Blond edgings, from the twist machine.
29 MALLET & BENTON, Nottingham, and New Bedford, Manu. - Silk lace; silk lace fringes, imitation Valenciennes; cotton laces, hand and machine-wrought.
31 MOORE, R. W. Hockley Mill, Nottingham, Manu. - Lace and net made from No. 520 lace thread, and plain net made from No. 590 lace thread.
32 MURR, J. M. Bromley Pl., Nottingham, Des. - Designs for black silk lace shawls, dresses, and frouncings. To be made on a Patent machine.
33 RECKLING & HICKLING, Nottingham, Manu. - White and black lace frouncings, &c., falls, shawls, &c., embroidered partly by machinery, and partly by hand.
34 VICKERS, W. Nottingham, Manu. - Black silk lace shawls, scarfs, mantles, falls, &c., from the pusher bobbin-net machine, and embroidered.
35 GREEN & HOPKIN, Nottingham, Manu. - Lace articles. Jacquard pusher silk shawl. Figure needlework shawls, falls, &c.
36 HARRIS, R. Old St. Neot, n. Nottingham, Des. - Designs for Honiton lace, flouncing; lace curtain for single-tier machine; and black silk lace shawl for pusher machine.
37 HARRIS, H. Old St. Neot, n. Nottingham, Des. - Designs for black silk lace net and fall for the pusher machine; and for lace shawl for single-tier machine.
38 M'DERMOT, MARY AXE, Bagworth House, n. Nottingham, Des. - Embroidered quilt.
39 SHAW, J. Radford, n. Nottingham. - Berlin wool vest, from the stocking frame, with the Jacquard. Window curtains, &c., from the stocking frame.
40 STENHAMP & Co., Nottingham, Inv. and Manu. - Figured lace curtains, made entirely on the lace machine by Jacquard application.
41 FORREST & SONS, 101 Grafton St. Dublin, and Abbey Ct. Factory, Limerick, Manu. - Lace: Royal Irish gulpure, Irish applique; Limerick; lace dresses, frouncings, scarfs, &c.
42 VICKERS, A. M. J. 31 Greville St. Hatton Garden, Manu. - Artificial flowers in wool, green turf, &c.
46 HALL, CORKHILL, Bath, Inv. and Manu. - Banner screen, the flags of all nations, richly embroidered in fine silks, held by a figure of Peace, modelled from Canova's statue. Embroidery applied to decorative furniture.
49 FORSTER, BOTTY, & Co. 64 Friday St. Prop. - Curtains of embroidered lace, and embroidered muslin white and coloured of Swiss manufacture.
52 BOWERS, R. H. & T. GLASGOW, Manu. - Muslin embroidered by the pessary of Scotland, and the north and west of Ireland, consisting of dresses, collars, caps, habit-shirts, trimmings, &c. Exhibited for cheapness.
53 PARK & THOMSON, Glasgow, Manu. - Children's sewed robes, ladies' collars, handkerchiefs, fancy habits. Cambrie and book frouncings, sewed trimmings, &c.
UNITED KINGDOM.

Class 19. Tapestry, Carpets, Floor Cloths, Lace and Embroidery, &c.


65. MacQuarrie, Fyres, & Co. Glasgow, Man.—Black and white silk, cotton, and linen lace. White silk and gold under sleeves. Coloured silk and gold apron and parasol cover.


67. Fower & Sons, 26 Spital Sq. Man.—Fruges, elastic ribbon trimming, combination of velvet and brocading, &c.


70. Ganem's, J. W. 157 Regent St. Man.—English merchandise, on silk and woollens, for wholesale.

71. Darby & Co. 24 Coventry St. and 43 New Bond St. Man.—Brandenburg crocheted silk gimp trimming, girdles, silk fringes, crocheted head-dress, &c.

74. Evans, R. & Co. 34 Walting St. Man.—Silk ornament, bull-pulls, curtailed-holders, corde, gimps, tassels, roses, and velour trimmings, &c.


76. Barker & Co. 70 Little Britain, Man.—Gold and silver threads for lace, embroidery, headings of cloths, muslins, &c., gold and silver bullion, pearls, plates, and spasiles, corde, braids, lace, and embroidery.


78. Clarke, J. 56 High St. Bradford.—Tablecloth, embroidered with thread on crimson serenade.

79. Lees & Co. R. 33 King St. Chesapeake, Man.—Printed mohair tapestry; Utrecht mohair velvet; mohair velures; printed Chinese velvets of mohair, &c.

80. Sons & Sons, 13 King St. Chesapeake, Man.—Silk twist, manufactured at Leck, Staffordshire.


82. Smith, Anderson, & Co. Chesapeake, and South Hanover St. Glasgow, Prod.—Infant's cap, embroidered on French cambric; infant's robe, and basinetto cover, embroidered on fine nainsook.

83. Smith, Anderson, & Co. 45 Chesapeake.—Scotch embroidery.


85. Jackson, G. 10 Corn St. Mayfair.—An occasional table, mounted with applique embroidery.

86. Harris, T. 31 Brownlow St. Bedford Row, Des. and Manu.—Altar cloth and cushions, of crimson Genoa velvet, embroidered in gold.

87. Stirling, Mary Anne, 39 John St. Bulford Ed. Des. and Manu.—A fire-screen, worked in chenille, &c.

88. Frisch, Francis, 3 New Burlington St. Prod.—A needle-worked table-cover.

89. Sturmy, Maria, 8 Wellington St. London Bridge, Des.—Table-cover, embroidered with the needle, without a pattern.

91. Adams, Jane, Strabane, Ireland, Manu.—Needlework scarf, apron, collar, and cuffs, made of linen yarn, in imitation of lace.

94. Barnard, E. Little Bardfield, Basildon, near Dunmow, Manu.—Two figures in Berlin wool work, for the purpose of holding open doors.

95. Barnard, R. Y. City Rd. Manu.—Specimens of decorative floor cloth.


97. Batter, E. Ashley, Cheshunt, Herts, near Waltham Cross, Inv.—Knitting designs.

98. Beauchamp, Elizabeth, 9 Judd St.—Landscape on silk, embroidered in a new style.

99. Blackwell, A. H. Mary, Beaumont Hill, Lincoln, Manu.—North-west view of Lincoln Cathedral, worked upon white silk, with the reviving of black intesting, and manufacturer's silk.

103. Blackwell, E. St. 32 Wrinshaws St. Dublin, Manu.—White satin wall-cloth, embroidered, in white chenille and silver. Parrot, on white satin, in coloured chenilles, &c.

107. Bloomfield, Susanna, Poole, Dorset, Manu.—Needlework in Berlin wool: Raphael in the Vatican at Rome.

108. Bottom, J. 35 Brook St. Derby, Des. and Manu.—A hearth-rug, with the border and ends formed of upwards of 50,000 shreds of cloth, and the centre of isam's wool.

109. Boudin, W. B. Edmond, near Oxford.—Tapestry work; worked during leisure hours, and containing five hundred thousand stitches.


112. Wilson, Charlotte's Guildhall, Broad Sanctuary, Westminster, Des.—Netted quilt or coverlet for summer use.


120. Brown, J. & Co. Carpet Print Works, Crag, near Macclesfield.—Velvet pile and Brussels carpets; tapestries, furniture covers, &c., woven by M'Alaigh's patent power loom, and afterwards printed by patent machinery.


122. Burton, Matilda Sarah, Ospringe, near Fever-esham, Kent, Manu.—Italian girl, in fancy work. Berlin wool.


125. Calvert, W. R. 54 Coal Harbour, Blackwall,
UNITED KINGDOM

CLASS 19. Tapestry, Carpets, Floor Cloths, Lace and Embroidery, &c.

196 CHAMBERS, E.J. A. 18 Charles St., Middlesex Hospital, Des. and Manuf.—The Death of Douglas, after C. Landseer, in embroidery.

197 EVENDEN, E. A. 31 High St., Margate, Manuf.—Berlin wool work; Mary Queen of Scots, mourning over the dying Douglas.


199 FAUDEL & PHILLIPS, 38, 39, and 40 Newgate St., Des. and Manuf.—State bed, in needlework; the bedstead of carved wood, richly gilt. Patterns for needlework and crochet. Wostred yarns, silks, &c.


201 FRANZES, J. D. 14 Lower Ormond Quay, Dublin.—Printed floor-cloths 16 yards by 6, woven in one piece, without a seam, carpet pattern.

202 FRENCH, E. A. 25 Marlow, Bucks, Des. and Manuf.—Lace collar, cuff, lappets, and neck-tie, made entirely by hand on the pillow.

203 GUEST, E. R. Nottingham, Des.—Two pictures illustrative of the Nottingham lace manufacture.

204 GARDNER, M. A. 22 St. Leonard St., Finsbury Manuf.—Berlin wool-work by the exhibitor, who is blind.

205 GROSSE, C. 33 Oxford St. Prop.—Velvet pile carpeting.

206 GILBERT, J. 7 Charlotte St., Old Kent Rd., Des.—Design for Axminster carpet

207 GRIEVE, M., M., Limerick, Ireland, Inv. and Manuf.—Articles of Limerick lace manufacture, by hand.

208 GRIFFITHS, R., Lichfield, Des.—Folding dining-room screen, worked in tent-stitch, by Marianne Becket, a nun of the convent of Mercy, Birt, Ireland.

209 GREENWOOD, Ann CHRISTIANA, Brookwood Park, Aldersford, Inv.—Panels for the walls of a room, painted with birds and flowers in the style of India paper.

210 HARRIS, G. & Co. Stourport, Manuf.—Brussels velvct pile carpets.

211 HEGGARTY, THOMSON, & Co. Kirknewton, Scotland, Manuf.—Specimens of royal Wilton, Brussels, and Imperial carpeting.

212 HAMSON, C. Fetter Lane, Des.—Design for an Axminster hearth rug; the Italian style.

213 HARE, J. & Co. Bristol, Des. and Manuf.—Floor cloth. Marble mosaic and oak and wood centres, &c.

214 HANNAY, MARTHA, Twickenham, Embroiderer. Tapestry: The Last Supper, worked in French floss silk.

215 HARRIS, Brothers, 87 Walting St. Manuf.—Embroidered satin across and handkerchiefs, cambric flours and insertions, all needlework.

216 HARRISON, J. Halifax, Yorkshire, Manuf.—White rug, all wool, used for bed-sides, door-mats, coverings, &c.; may be washed and dyed any colour.


218 HARVEY & KNIGHT, Upper Marsh, Lambeth, Manuf.—Floor cloth, pattern copied from a Roman tessellated pavement.


220 HATTER, F. S. Hull, Des. and Manuf.—Carpet; needlework in Berlin wool.

221 HELENBOROUGH, R. 261 Regent St., Des. and Manuf.—New style of needlework, new canvas for embroidery, patent elastic draught, &c.

UNITED KINGDOM.

Class 19. Tapestry, Carpets, Floor Cloths, Lace and Embroidery, &c.

201 Henderson & Widnell, Lammade, Man.—Portières, or door curtains of fine velvet, Whytock's patent, probably the largest piece ever manufactured on this principle. Rich patent velvet carpets and rugs.

203 Hill, R. Obrey, Buckinghamshire, Man.—Specimens of pillow-lace edging and insertion. Pillow lace, suitable for caps, dresses, and flounces.

204 Hill & Co. Worcester and Gt. Malvern, Inv.—Needlework for cottages, hanging for walls, table covers, &c., original in style and execution, not being copied from Berlin or coloured patterns, by the sisters E., F., S., and O. Rogers, of the above firm.

205 Hindhaour, Mrs. Mary, Newcastle-upon-Tyne, Prod.—Pictures: Tapestry work pictures.

207 Holloway, Pekes, Grove Buildings, Dorchester, Des.—Quilt knitted by hand, in one piece, with cotton.

208 Holmes, J. Kidderminster, Man.—Carpets, commonly called velvet.

209 Hope, G. C. 17 Robertson St. Hastings, Des.—Hemstitch of common rush for the church or closet; needlework, &c. Registered.


211 Huxley, G. High St. Bedford, Des. and Inv.—Pillow-lace, with glass introduced into the figure. Model of a partition, to rise from, and sink into the floor.


213 James, H. 7 Farmasi Ter. Pancras Vale, Inv. and Des.—Enamelled floorcloth. Window-glass, ornamented by machinery, &c.

217 Johnson, Mary, Hull, Des.—Patchwork quilt in 13,500 pieces of silk, satin, and velvet, with embroidered flowers.

218 Johnson, J. 103 Graham St. Airdrie, Scotland, Inv.—Table cover, consisting of 2,000 pieces of cloth, the sole work of the exhibitor, and has occupied his leisure hours for 15 years.

219 Jones, Mary, Abbey St. Chester.—Bible cushion, in fancy work, from a plan of the mosaic pavement in Canterbury cathedral, formerly composed of precious stones, gold, and jet.

220 Kedelle, J. S. Sheerness, Prop.—Armorial bearings of the exhibitor, worked by himself in Berlin wool and silk.

222 Keenlywell, Mary, Clonmel, Ireland, Prop.—Trimming lace, and lace borders. Large knitted lace collar, and fine lace lappet. Small thread lace scarf, &c.

224 King, Miss, 3 Bloomsbury Pl. Bloomsbury Sq. Des. and Manu.—Medieval embroidery.

225 Kirkbride, Louisa, East St. Taunton, Somerset, Des. Inv. and Manu.—Basket of flowers, knitted in Berlin wool, from nature.

226 Kitley, J. Kidderminster, Man.—Brussels velvet pile carpet; design adapted for the new palace at Westminster, &c.

227 Knox, A. L. Glasgow, Manu.—Nine pieces of shaw reeing gowns, wrought by the Jacquard loom, from real design, forming the nine different patterns.

229 Lambart, Elizabeth, Tunbridge, Des.—Embroidery, portrait of Her Majesty. A group of flowers, with vase.

230 Langdon, Jane A. 5 Brompton Row, Brompton, Des. and Manu.—Table cover, embroidered in gold-coloured silk.


233 Lathom, Charlotte, Delgany, Ireland.—Models in elder. &c.

234 La Touche, Duques, Miss, Killmaule, Ireland, Inv.—Lace flounce, worked by the poor girls of Killmaule.

235 Lastenbury, T. Bedford, Manu.—Specimen of Bedfordshire pillow-lace. Improved lace full-piece. White and black trimming lace; flouncing lace, &c.

236 Lawler, Elen, Winborne Minster, Dorsetshire, Manu.—Piece of tapestry, consisting of 24 figures, and 438,000 stitches.

238 Lockwood, Elizabeth, 31 Great Titchfield St. Oxford St. Manu.—A child's fancy crochet frock.

239 MacDonald, Margaret, 105 South Portland St. Glasgow, Manu.—Fancy needlework, in Berlin wool and silk, Haddon Hall, in the Olden Time, by F. Taylor.

240 McFarlane Brothers, Glasgow, Manu.—Chenille hearth rugs of various sizes and patterns; and chenille carpeting.

241 Mallen, W. Agent of the Moravian Establishments at Fulneck, near Leeds, and Ockbrook, near Derby.—Handkerchiefs of Moravian embroidered needlework, from Fulneck and Ockbrook.

244 McConnell, Jane, Tyron Rectory, Tyron, Co. Armagh, Ireland, Prop.—Imitation guipure lace flounce, worked by the children of Tyron Globe school.

245 Meares, G. 3 Cranes Ct. Fleet St. Manu.—Ornamental perforated papers.


248 Montrose & Son, Kidderminster, Manu.—Specimens of velvet pile carpets. Rugs, and Brussels carpets.

249 Nairn, M. Kirkaldy, Scotland, Des. and Manu.—Floor-cloth, used for halls, lobbies, &c.

250 Naylor, D. Manchester, Prod.—Patent Kidderminster carpet, woven by steam-power loom.


252 Newton, Jones, and Willis, Temple Row, Birmingham.—Episcopal robes, &c., embroidered in silk and gold. Satin damask hanging, &c. Velvet-pile carpets, for churches, &c.

256 Oliver, Lydia, Lisias, Dublin, Manu.—Embroidered collar stomacher, and sleeves, for a lady: the exhibitor born without a right arm.

261 Padwick, Avebury, Westbourne, Emsworth, Des. and Manu.—A mosaic table-cover in Berlin wool.

262 Palmer, Hilary, Dunas.—Panel for a pole-screen. Lady's dress. Cushion for a chair, embroidered in coloured silks upon a white satin.

263 Parke, Hoomans, & Parke, Kidderminster, Manu.—Whytock's patent tapestry carpeting; the colours printed on the worsted before it is woven. Patent Berlin rugs.

264 Pearson, Clara, Broad St. Bath, Des.—Crochet quilt.

266 Perry, R. Rev. 36 Portland Pl. Leamington—
UNITED KINGDOM.

CLASS 19. Tapestry, Carpets, Floor Cloths, Lace and Embroidery, &c.

Scarf composed of British silk, being the produce of 2,000 silk worms, which were kept in an out-house at Goodrich, in Herefordshire. The silk was wound, spun, and made into the scarf by Mrs. Perry and her daughter. The silk is in its natural or raw state, never having been in the hands of a manufacturer.

271 PHILIPS, EMILY, 166 Bermoudsey St. Southwark — Le Vendredi: a Catholic family eating meat on Friday.

272 PHILIPS, REBECCA, Swanbourne, Winslow, Mass. — Ornamental lines-thread pillow-lace.

273 Fiechtorf's Esther, George St. Hookly, near Birmingham, Mass. — Hearth-rug, raised in needle work.

275 READ & HUMPHREYS, 21 Clare St. Bristol, Mass. — Folding screen on canvas, worked in cross and tent stitches.

276 RUSDON, J. 194 High St. Exeter, Prop. — Fancy silk and velvet quilt.

280 BODICK & SON, Islington near Birmingham, Mass. — Fures, embroidered in the weaving.

281 BOLS & SON, Lower Kennington Lane, Mass. — Piece of floor-cloth.


283 BROOK, ANN EMPIRE NAG, Beaumont Hill, Lincoln, De. and Manu. — South-west view of York Cathedral, worked upon white silk, with the rovings of black flax and manufacturer's silk.

284 ROYAL VICTORIA ASYLUM FOR THE BLIND, Newcastleton-Tyne. — Shawl-veil, knitted in imitation of lace. Bassins, &c. made by the blind inmates of the asylum.


287 SAXTON, A. Nottingham, Mass. — Ladies' mitts, cuffs, and gloves, embroidered and made of silk; neck-ties and shawls; toilet and tray-covers, Jacquard.

289 SHABEE, MARIA, Fanny, & Edw. Belle Vue Cottage, Shirley, near Southampton, Mass. — Needlework: Scripture subject, mounted in a frame, designed and executed by E. Shephal.

290 SHEDDEN, H. 38 Stanhope St. Liverpool, Mass. — Royal standard of England, made of bunting, the devices embroidered on the whole cloth of Berlin wool.


296 SODER, A. Chesterham, De. — Cut-pile Brussels carpet: manufactured by Bridston and Son, Kidderminster.

297 SODER, ANN JANE, Wem, near Shrewsbury, De. and Manu. — Crochet needlework silk shawl.

301 SOTHERN, FAWNY LOUHA, Limerick, Ireland — Berlin wool, Hadan Hall in the days of the morning. The Morning of the Chase.


303 SIMCO, G. P. Kidderminster, Inv. and Manu. — Two large finger worsted rugs. Velvet carpet, made for the marriage of the late Princess Charlotte.

306 SIMPSON, W. B. 456 West Strand, De. and Manu. — Paper-hanging decorations, in distemper colours, washable.

314 SIMPSON, MRS. R. Holvendec, Staplehurst, Kent, Mass. — Group in wool, Her Majesty, the Princess Royal, and the Prince of Wales.

316 SIMPSON & WYATT, 16 Montrose St. Glasgow, and 5 Bread St. London. — British cashmere robe, embroidered; manufactured in Glasgow. Gentleman's dressing-gown, &c. embroidered with light coloured cloth; J. Smith, Designer.

327 SOWERBY, S. Kevan St. Police Barrack, Dublin, Inv. — Table cover of mosaic cloth-work, composed of pieces of cloth fine-drawn together.

328 SUTTON, ELLA, Maidstone, De. and Manu. — A fine white crochet bed-quilt, finished with a wide lace, and lined with pink cambric.

340 SETTLE, LAN, JAYE, Falkirk, Scotland, De. and Manu. — Drawing-room table cover, embroidered in a new style, and without the aid of drawings or patterns.


342 TAYLOR, ANN MARIA, Middle Chinnock, Prop. — Historical piece of needlework in wool.


345 TEMPLETON, J. & Co. Glasgow, Mass. and Pat. — Patent Axminster carpets; hearth-rugs; stair carpeting; Tourney table-covers; and door or window curtains, &c.

347 TEVER, MARY, 4 Quadrant Ed. Lower Islington, Prop. — Knitted, embroidered, and lace work, manufactured by the poor children of Newry.


349 TRESOR, ROSE, 5 Allen Ter. Kensington. — Folding screen of tapestry work.

349 TUCKER, AGNES, Sutton rectory, Dertford, Mass. — Knitted lace scarf.

355 UMLI, MARY ANN, Onthill Bishop, Salisbury, De. and Manu. — Toilet cushion, twist, a lace scarf, and a bassinet lace cradle-cover, composed of thread and fine gold.


356 VICKERS, E. Padbury, Buckingham, Mass. — Lace. Crowns for infants' caps. Insertions. Lace, for bordering caps, &c.


358 VICTOR, S. Olney, Bucks, Mass. — Buckinghamshire pillow-lace, veils, lace collars, and lace.

358 WARD, ANN, Coleham, Tavistock, De. and Maker. — Specimens of needlework, in imitation of line engraving, and the material employed, with cotton and silk thread, on linen and lace-stitching.

358 WASHBURN, ANN, Great Malden, Bucks, Mass. — Muslin dresses, embroidered.


360 WELLS, E. C. Woodford, Chelmsford, De. — Royal velvet pile carpet. Design for a carpet for a Royal palace.

361 WELLS, W. B. Windmill Lane, Camberwell, Manu. — Registered floor-cloth, an imitation of Berlin wool work.


UNITED KINGDOM.

249 WILLIAMS, LADY GRIFFIN, Marlborough.—The Last Supper, from the painting by Leonardo da Vinci, worked in German wool and silk floss.

250 WILSON, Anne, Downpatrick, Ireland, Manx.—Fancy work in wool, in which new stitches, invented by the artist, have been used.

251 WILSON, J. W. Beaymouth, Stirling, Scotland, Manx.—Brussels, Scotch, and Venetian chair upholstery.

252 Woon, H. and T. 38 Woking St. Prop.—Printed and embroidered cloth table-covers, &c.—Brussels carpet.

254 WOODWARD, Mrs.馒头, Kidderminster, Manx.—Brussels and velvet pile carpeting, in various new styles.

255 WOODWARD, H. & Co. Church St. Kidderminster, Manx.—Carpets: Velvet pile; Brussels pile, and velvet pile for stairs and corridors. Registered designs.

256 WOOLCOTT, Catherina, 13 New Quebec St. Portman Sq. Manx.—Banner screen, crocheted with silk, in colours.

257 WORTH, Martha Emily, Rugby, Warwickshire, Des. and Manx.—Cap, worked in crocheted imitation of point lace.


259 ZOWES, W. Nottingham, Des.—Designs for black silk lace lappets and flowerings. To be made on Paper machines.

260 BOYLES, G. H. Nottingham, Des.—Designs: black silk lace fails. To be made on Paper machines.

261 FOX, J. Basford, near Nottingham, Des.—Designs: black silk lace fails. To be made on Paper machines.

262 MAWSON, G. Bromley Pl. Nottingham, Des.—Designs for medieval embroidery, jewellery, and ecclesiastical attire.

263 MAWSON, G. Bromley, near Nottingham, Des.—Designs for single-tier machine: lace dresses.

264 MILNE, J. Nottingham, Des.—Designs for black silk lace scarfs. To be made on Paper machine.

265 NAYLOR, J. Nottingham, Des.—Designs for lace shawls and curtains, single-tier; miscellaneous designs for lace.

266 OSBORNE, S. Nottingham, Des.—Designs for lace shawls and lace dresses. To be made on single-tier lace. &c.

267 WILKES, W. Radford, near Nottingham, Des.—Designs for black silk lace shawls, aprons, and dresses. To be made on Paper machine.

268 YATES, H. Nottingham, Des.—Design for chromolithograph almanac.

269 FELIX, E. Bosworth, Nottingham, Manx.—Specimens of the various meshes of lace, wrought upon the machinery of Nottingham and its vicinity.

270 TUSTON, S. Prospect Pl. Radford, n. Nottingham, Des.—Designs for lace-curtains to be made on single-tier lace, &c.

271 SMITH & BAKER, Knightsbridge, Inv. Des. and Manx.—Floor cloth, in imitation of tessellated Roman pavements discovered in England.

272 BERNARD, Hon. Jane G. Cork, Killorglin, Bandon, Ireland.—Knitted quilt for a baby’s crib. Exhibited on behalf of the workers, the children of Killorglin parochial school.

273 PRIOR, Rev. H. E. Lucan, Dublin.—Specimens of Irish lace, the work of the Lucan Industrial School.

274 WATTS, C. May, 1 Brougham Ter. Kingston Down, Des. and Manx.—Scarf of black lace, embroidered in new style, in Deocin silk, interspersed with wings of the Indian beetle, &c.

275 BAYES, Jemima, Gt. Dover St. Surrey, Des.—Specimens of needlework upon machine net.

276 UNDERWOOD, W. 1 Vere St. Oxford St. Manx.—Heraldic tapestry hangings, &c.—Tapestry hangings, of worsted and silk combined. Printed cloth table covers, commemorative of the Great Exhibition.

277 DAINTEY, E. M. E. 5 Wilton St. Grosvenor Pl. Inv. and Prod.—Table-cover of fawn-coloured cloth, embroidered with chevrons.

278 FANCOYER, Catherine, Grassmarket, near Bourne, Des. and Manx.—Fancy bed-quilt.

279 LADY MAYES, 350, and 350 LADIES OF GREAT BRITAIN, the executors.—Portion of the designs for a carpet, presented to and exhibited by Her Majesty the Queen; design by J. W. Paycock; the pattern painted by and the work superintended by W. B. Simpson, West Strand.

280 STOWE, S. 4 Bartholomew Close, Des. and Inv.—Battle of Grand Cairo, in needlework, ten feet by forty.


282 BRIGGVIEW, J. 118 Church St. Lancaster.—Countepane of mosaic needlework, in forty-four compartments, each representing a popular print.

283 BORRE, Elizabeth, Oxford, Des.—Cheval screen, in needlework, convertible into a chess-table, with a worked top.

284 KIDDLE, J. Norwich, Inv.—Woven cushion, completed in the loom without the aid of needlework; figured on both sides.

285 OATLEY, Eliza, Devizes, Manx.—Woollen and worsted needlework, in tent-stitch.

286 GILL, W. L. Colton, Axminster, Manx.—Holly leaves.—Portion of an original design for the frounce made for Her Majesty. Chromatic silk berthe, silk lappet, &c.

287 CHURCHER, C., Swanage, Dorset.—Embroidery made by hand, at Swanage.

288 AYRES, W. Newport Pagnell, Bucks.—Specimens of Buckinghamshire pillow lace pieces.


291 TAYLOR, Mary, 9 Union St. Plymouth, Manx, Des.—Child’s clock, elaborately braided and embroidered, and interspersed with hollow work.

292 PAYNE, K. A. Grove House, St. Peter’s, Margate, Des. and Manx.—Silk patch-work table cover, box pattern, containing upwards of 3,000 pieces and 50,000 stitches.

CLASS 20. Articles of Clothing, for Immediate, Personal, or Domestic use.


2 FOSTER & FOSTER, H. Derbyshire, &c.

3 TAYLOR, W. G. 259 Regent St. Prop.—Balbriggan lace-stockings, ladies’ wool, des. and Manx, knitted by hand, and horsery, knitted by children at Ballinderry.

4 PEARL & DEESEY, 12 and 13 Poultry, Inv.—Cotton and silk glove half-hose; cotton and woollen drawers. Rail-road caps and protectors. Silk shirt sleeves, for rheumatism. Flannel. Silk and Epsom wool half-hose.

6 POPP & PLANT.
UNITED KINGDOM.

7 Neville, Gresham St.
8 Roden & Son, 38 and 40 Chiswell St. Finsbury, Man.—Printed regattas, and other shirts; flannel vests; braces; money-purses; riding belts; garters, &c.
9 Phillips, Mary Ann, 57 North Audley St. Sleevy, Chelsea.—Full court dress.
11 Neville & Co. 11 Gresham St. West, Man.—Frame-worked knitted hosiers and other wearable apparel.
12 Hammers, E. E. Piccadilly, Des.—A model shirt, of fine Manchester long cloth and Irish linen.
13 Shortt, J. E. S. Lawrence Lane, Man.—Shirt without seams or gathers. Moravian needlework, illustrating the growth of flax.
14 Porter, T. 94 Strand, Man.—Specimen of a shirt cut on mathematical principles.
15 Marshall, W. 80 Regent St. Inv. and Man.—Registered Improved shape shirt.
16 Bandel & Gray, 55 Quadrant, Regent St. Inv. and Man.—Belt drawstrings. Shirt exhibited on a statuette.
17 Wrenn, H. 27 Panton St. Haymarket, Man.—Silk and India-rubber braces. Goss-de-Naples belt, with silk and India-rubber springs.
18 Capper & Walters, 26 Regent St. James's Inv. and Man.—Twelve shirts, in different form. Carthage jacket. Dressing gowns, with trousers, à la Turque.
19 North, J. 65 Strand, Man.—Shirt, intended as a specimen of plain British needlework, &c.
20 Gleave, C. 33 Lombard St. City, Prop.—Cotton hosiers, manufactured at Balbriggan, in Ireland.
22 Axlo, J. G. 69 New Bond St. Inv.—Ladies' shoes of various materials: silk alpseys, embroidered in gold; ladies' silk boots, and ladies' half-boots.
24 Borsows, G. 183 Oxford St. Man.—Corset made upon an expanding principle; corset, requiring no lacing, &c. measures over a man's body.
26 Journie, C. 8 Maddox St. Hanover Sq.—Self-adjusting white watered corset. Elastic corset belt for invalids. India-rubber tissue, of French manufacture.
27 Piper, T. F. 4 Bishopsgate St. Without. Inv. and Man.—Mechanical spring-corrector, scapular or contractor.
28 Stites, Mary E. 260 Regent St. Inv. and Man.—Elastic corsets, with new mode of fastening.
29 Davy, Eliza, 73 Grosvenor St. and Man.—New registered riding stays. Nursing stays. Dress stays, &c.
30 Willers, Helen, Prop.—Lady's fancy jacket, made of wool or cotton.
32 Gray, N. 61 St. James's St. Inv. and Man.—Improved elastic cross-belts, belts, spinal-supporting corset, perforated gusseted corset, hydropathic belt, &c.
33 Gray, N. 61 St. James's St. Inv. and Man.—Improved jack boots and regimental gloves.
35 Churton & Son, Gracechurch St.—Hats, &c.
36 Dando, Sons, & Co. 42, 43, 44 Cheapside, Man.—Specimens of a new description of patent light, neat-work velvet hats, in various stages of manufacture.
39 Felix & Co. 10 Cheapside.—Hats of a peculiar construction, designed to render them elastic, waterproof, and ventilating.
40 Warr, W. 68 Cheapside, Man.—Ventilating velvet-nap and saphyr hats.
41 Merrow, H. 194 Regent St. Man.—Hats made of English plush, by Walters and Son, Finsbury.
42 Arrows & Sons, 55 Cornwall Rd. Man. and Inv.—Drab and black patent elastic beaver hat, on beaver body. Light elastic velvet hat; French plush, &c.
43 Smith, Gower, & Co. Union Hall, Union St. Borough, Inv. and Man.—Light silk hat; silk hat on soft felt body; ladies' riding hat; a gusseted body, &c.
46 Baker, S. Brentford, Inv. and Man.—French silk hat, the body being made of Manilla grass, combining lightness, durability, and perfect ventilation, being waterproof, and resisting the grease.
47 Staines & Badger, Gresham St. Man.—Illustrations of the processes of felting beaver and silk hats.
48 Groves, F. 109 Regent St. Inv.—Invention for producing a red stripe on regimental trousers. Safety pockets, &c.
49 Hurley, D. 10 Hare Ct. Aldersgate St. Inv. and Man.—Lady's safety pocket. Model of a pair of trousers, with improvements, &c.
50 Thompson & Son, 11 Conduit St. Des.—Jackets, hunting coat, trousers, waistcoats, and ladies' polks, of elastic British webbing.
51 Pugh, W. 115 Chancery Lane, Des. and Man.—Flexible spring gowns: law, clerical, and civic.
52 Cutler, W. 25 St. James's St. Inv.—The "duplex," or morning and evening cost.
53 Cody, J. 6 Marshall St. Inv.—The "monomorsereton," a dress coat of British manufacture, from one piece of cloth.
54 Kich, S. A. 250 Regent St. Inv.—Registered autocratic gowns, and Cossack waistcoat.
55 Smith & Green, Wellngborough, Northamptonshire, and 84 Cheapside, London, Inv. and Man.—Cloth and leather gaiters, with patent fastenings, &c.
56 Threlkeld & Greenley, 123 Strand, Man.—India gauze waistcoats. Silk and thread, silk and lambs' wool, and improved spun-silk hostory. Spun-silk for underclothing. Gauze morina waistcoats. Hostory, made from waste silk.
57 Hall, W. Y. & Co. 29 Wood St. Cheapside, Man.—Kid leather gloves, cut and made in England; manufactured from French-dressed kid skins.
58 Lark & Son, 110 Wood St. Inv. and Man.—Ladies' Lisle thread hose and silk jacket, made in the stocking frame at Nottingham. Gentlemen's pantaloons drawers.
UNITED KINGDOM.

Class 20. Articles of Clothing, for Immediate, Personal, or Domestic use.

68 McDONALD, D.
64 HODGES. J. & Co. 171 Regent St. Inv. and Manuf.—Full dress or opera cloak, composed of the finest white wool, and ornamented with 1800 gold pendants. Registered shawl cloak, woven in one piece. Registered circular shawl.
66 LEXINGTON, F. M. K. Lenox Castle, Lenox Town, Gloucester, and 9 Arlington St. Piccadilly, Prop.—The needleswoman's, cut out and worked by herself. Embroidered jackets.
71 FURLER, J. Nottingham, Manuf.—Marine vests, women's, in wool and white plaids.
72 CURTS, J. Nottingham, Manuf.—Various textiles, silk, in parts, and worsted.
73 CURTIS & SON, Nottingham, Manuf.—Various textiles, silk, in parts, and worsted.
74 MEAD, J. & R. Nottingham, Manuf.—Hosiery in silk and cotton.
75 MOSELEY, J. & B. London and Nottingham. Specimens of cotton and silk handkerchiefs; Balbriggan stockings; silk stockings; silk gloves and socks; Derby-ribbed socks; handkerchiefs; half-moon; camelias; span silk skirts, &c.
76 ALLEN & W. T. Nottingham and London, Manuf.—Samples of hosiery, showing the progress of cotton-spinning for hosiery, from an early date.
76 NEWTON, F. R. Manchester, Inv.—Registered seamless, the body and sleeves being in one entire piece.
77 EVERGREEN & CO., Manchester, Inv.—Various kinds of hats, in silk, felt, and cotton.
78 BROWNER & WOODMAN, Oldham, Manuf.—Beaver hattin bowls, for the present season, refitted to the hat complete. Black silk hats, and patent reflectors.
78 BURGESS, A. R. Kidderminster, Lace-maker, Court dress of needlework.
79 CASHMORE, J. B. Anstruther Villa, Boundary Rd. St. John's Wood, Inv.—Life-preserving elastic cork-jacket, capable of being worn unobserved under a coat. Registered.
84 WATTS, W. Banbury, Inv.—Complete coat, trousers, and gaiters, in one piece, without any seam.
88 SMITH, L., Bedford, Inv.—Patent symmetrical corsets; patent elastic silk boots, made by Mr. Lockton, of Derby.
89 TAYLOR, J. & Co. Leeds, Manuf.—Improved woven corsets for ladies' use, without a seam; made of fine cotton yarn expressly prepared.
97 GALLAUAY, T. J. 48 Albion St. Leeds, Manuf.—Three woven corsets.
98 HALLER, W. Leeds, Inv. and Manuf.—Protection travelling cap, adapted for cold climates.
100 MIDDLETON, J. T. Leeds, Manuf.—Military officer's cap and cover. Black silk velvet smoking or carriage cap.
101 MISTRE, C. Bristol, Inv. and Manuf.—Registered boot shoes, a hat.
103 CARRINGTON, S. & T. Stockport, Manuf.—Felt hats of various descriptions.
104 PEARSON, J. Gorsey Brow, Stockport, Manuf.—White beaver bonnet.
106 M'RAE, J. J. Newark, Notts, Des. and Inv.—A trip to stay, for those parts of male attire requiring additional strength. Waistcoats of novel form and arrange-
UNITED KINGDOM.

CLASS 20. Articles of Clothing for Immediate, Personal, or Domestic use.

126 Mooney, Elizabeth, Woodstock, Oxon, Mann.—Lamb-skin, as received from leather-dresser. Gloves made from lamb-skins. English fawn-skin riding-gloves for ladies.


131 Miles, Cornwall, & Brodie, Luton, Bedfordshire, Mann.—Specimens of plaited and bonnets, made from wheat straw grown in Bedfordshire. Specimen of the straw of all stages of the work, &c.

134 Cooper, J. J. & G. Dunstable, Beds, Mann.—Straw hats, bonnets, plaited, and fancy straw articles.


136 Astoss, A. George St. Portman Sq.—Registered bonnet and case.

137 Firma, Conduit St. Button Manufacturer.

140 Clewes & Son, St. Austell, Mann.—Underground hats for Cornish miners, &c., used for protection against falling stones, &c.

143 Horst & Raynolds, 100 New St. Birmingham, Mann.—Ladies' corsets, to fasten, &c., without lacing.


145 Lewis & Son, 1 Quiet St. and 1 John St. Bath, Des.—Overcoat, of novel design and light weight.

146 Kelly, J. & Co. 96 High St. Killarney, Ireland.—Buckles hunting breeches; buckskin raw material, &c.

147 Mason, W. Newcastle-under-Lyme, Mann.—Velvet- nap hats, on an improved body; waterproof beaver hat; waterproof felt hat, adapted to tropical climates. Silk hat, on a body of Cashmere.

148 Hodgson, T. Jun. 53 Iron Market, Newcastleunder-Lyme, Des. and Mann.—Silk corsets, knitted with pins, and by the hand.

150 Hilt, L. M. Whithby, Inv.—"Unique habit," cut out in tan piece, and having few seams.

151 Bart, A. Shepton Mallet, near Wells, Somerset, Inv.—The Birian transitional coat. Surtout, with concealed hood for travelling, &c.

152 Bottoye, Helena, 13 Charles St. Soho, Inv.—The fan bonnet. A bonnet in white silk, contained in a fan box.

155 Jones, J. 17 Duke St. Liverpool, Inv.—Tailor's symmetriestrope, for cutting costs and waistscoats. Registered. Trepasses' rule.

159 Robert, R. Post St. Carnarvon, Wales.—Linsey dresses, scarfs, aprons, and petticoat.

179 Watts, W. Banbury, Oxfordshire.—A man's dress in one piece, with folding bag to carry it in.

190 Allen, W. D. & Co. 124 New Bond St. Inv. and Mann.—Infantry ventilating hat, a protection from sun and rain.

191 Allan, J. 158 Chesapeake, Mann. and Des.—Ladies' and children's straw bonnets, and a peculiar combination of material.

192 Bowman, C. B. High St. Leicester.—Victuaries, mantillas, and polkas, made of lambskin, cured with the wool. Fleecy patent leather soles. Lapland wool rugs. Children's framed, with patent leather, costs, and with lambs-wool, &c.

193 Burney, Ware, & Co. 28 Aldermanbury, Mann.—Bonnets, hats, and ornamental work, in Devon, Luton, Italian, chip, and Dunstable plait.

194 Benwell, C. 57 Lower Eaton St. Pimlico, Mann.—Surgical and other belt drawers.

196 Bennett & Meldrum, 56 and 57 Gt. Guildford St. Southwark, and 203 Strand, Mann.—Military and court hats, new styles. Ladies' black napier beaver riding hats. Silk plush hats, velvet folding opera hat.

198 Bower, J. Bowring Green St. Leicester—Wool, worsted, and Cashmere hose and half-hose.


207 Bradshaw, G. 103 Bishopsgate St. and 25 High St. Islington, Inv. and Pat.—Patent fastening, as applied to gentlemen's collars, stocks, &c. Gentlemen's anti-rheumatic belt and drawers.

208 Bradbury, Miss, Poulcott House, Cork, Prop.—Child's pelisse, knitted of Scotch wool of a very fine texture. A specimen of Irish industry.


212 Cooper & Son, Gr nebby St. Leicester, Mann.—An extensive assortment of hose. Wool, worsted and drawers. Fancy wool cats and sleeves, hoods, hats, and bootees. Ladies' wool palets.

213 Crow, Henrietta, 3 Maidenhead Ct. Cricklewood, Des. and Mann.—Silk purses, knitted with pins, and by the hand.

214 Chaplin, Madame R. A. 56 Berners St. Mann. and Des.—Corsets, belts, and articles of dress for ladies.


218 Gough, J. & J. Queen Camel, near Yeovil, Somerset.—Coloured and white lambkins. Coloured and black leather grain gloves.

219 Capffer & Son, 69 Grecephurst St. par Inv. and Mann.—Registered folding basinettes or cradles. Infant's basket, with its contents. Table covers of linen damask. Registered striped and taffeta taffi; Newick kackback bowelling. Irish sheetings.

223 Camb, E. 371 Strand, Des.—The Anaxandrian trousers.

225 Darley, G. 35 George St. Perth, Inv. and Mann.—Gentlemen's hats, three ounces and a half in weight. Highland bonnets.

228 Dowe, R. 17 Old Bond St. 25 Burlington Arcade, 49 Lombard St. Inv. and Maker.—Waterproof Irish poplin registered cloaks.

231 De Faye, T. 6 York St. Charing Cross, St. Heller, Jersey, Prop.—Knitted stockings, fine woollen thread, dyed of different colours; knitting peculiar to the island.

232 Ellis, F. & J. Leicester, Mann.—Silk, Lisle thread, and Cashmere gloves.


238 Fay, J. L. Honiton, Devon, Inv. and Mann.—Dress coat: the body cut in one piece of cloth. New measure, registered.

241 Freeman, T. S. 48 Fenchurch St.—Registered new safety pockets.

250 Field & Sons, 11 Fore St. Cricklewood, and Harpenden, Herts, Mann.—Improved Dunstable bonnets. Chip bonnet, manufactured from the poplar-tree. Straw bonnets, in new designs and combination of materials.
UNITED KINGDOM.

CLASSE 90. Articles of Clothing, for Immediate, Personal, or Domestic use.

207 
FERRERS, J. & Co. Worcester, Manuf.—Ladies' habits. French kid gloves; calf gloves; Cape-coat gloves.

208 
GRITIUS, R. High St. London, Herefordshire. Inv.—Four systems of cutting coats, vests, trousers, &c.

209 

210 
GIBBINS, W. & Co. 15 Aldermanbury, Lond., and Manuf.—Specify small Bilou, chip, and horsehair mantles in various stages. Flag-strap, from Cuba; hats from the same, called Brazilian hats.

211 
GAWKIN, EMILY & ELIZA, 37 Westminster Bridge Rd. Des.—Bonnet made from cotton, crochet, and bonnet made of satin, of new design and workmanship.

212 
GOWLING, J. Beverley, Inv. and Mann.—Novel full dress coat, with two seams instead of nine.

213 
HODSON, J. Leicester, Mann.—Lamb-wool, Cheviot, Cashmere, Saxony, Victoria, and worsted hose.

214 
HURST, R. Manchester, Mann.—Hats in silk and velvet nap, remarkable for lightness. Hat-bands and bindings.

215 
HARRIS & TOMKINSON, Abingdon, Berks, Mann.—White duck agricultural labourer's frocks, designed by T. Watson; worked by Hannah and Esther Simpson, coppers, Radley.

216 
HINDE, E. & F. Norwich, Mann.—Silk figured serial dresses; silk and worsted figured crape dresses.

217 
HADLEY, R. 73 High St. Worcester, Mann.—Ladies' ornamental hair.

218 
HARRIS, 4 Little Pulteney St. Golden Sq. Des. and Prod.—Scottish dress'autons.

219 
JAMES, A. Trafalgar Cottage, Bath, Des.—Ladies' slippers, embroidered and satin-lined.

220 
JOHNSTON, J. St. Ninian, by Stirling, Scotland, Mann.—Specimens of hose, from the oldest land up to the present day.

221 
KRAUSE, T. 40 George St. Limerick, Ireland, Des.—Winter and summer overcoat combined, composed of Irish frieze and taffeta, &c.

222 
KEED, W. J. 5 Coventry St. Piccadilly, Prop.—Specimens of hosey.

223 
KEAR, T. Limerick, Ireland.—Military clothing, and clothing made exclusively of Irish frieze.

224 
KENNY, SARAH, 14 Irishtown, Clothall, Dublin, Mann.—Baby's pelisses and child's evening frock, of French cashmere, richly braided.

225 

226 
LIZA, A. Manchester, Mann.—Felt, velvet, and alpaca hats. Cloth caps.

227 
LONGDEN & Sons, Derby, Mann.—Patent frame-work gloves, without any seam on one side. Smith's patent boot, which requires no lacing.

228 
LAWRENCE, R. W. 8 Carlton Pl. Lauriston, Glasgow, Inv.—Articles for the preservation of life and property at sea. Wearing apparel rendered life preservers, &c. Life-buoy, &c.

229 

230 
LEEPER, J. S. Stradulley, Ireland, Prop.—Mittens of the finest silk, knitted by hand, by poor peasant girls at their homes; and called gossamer mittens.

231 
McGREGOR, J. C. & Co. Belfast, Manuf.—Embroidered vests: the designs by pupils of the Belfast Government School of Design. Embroidery by poor girls, only nine months under the tuition of the exhibitors.

232 
McClintock, J. & Co. Barnley, Inv. and Mann.—Double silk elastic woven corsets, to fit the body of the wearer, and not impede respiration. Thread-wove corset, without seam.

233 
Middleton & Ainsworth, Norwich and London, Mann.—Norwich Paramatta cloth; Norwich Cashmere. Figured poplin; Chine poplin.

234 
Mun, J. J. & Co. 132 Queen St. Glasgow, Mann.—Hand-loom woven ginghams, cravats, and handkerchiefs.

235 

236 

237 

238 
Madsen, J. R. 39 Wigmore St. Inv. and Mann.—Peruque, without ribbon or springs. Lady's head-dress.

239 
MADSEN, T. G. Limerick, Mann.—Irish uniform frock for the Royal Horse Artillery. Irish flax. National cape, and Irish frieze paletot jacket.

240 
PICKETT, J. 29 Marlborough St. Cork, Ireland, Mann. and Prop.—Improved ladies' peruke.

241 
PICKETT, H. & E. 99 Lower Dorset St. Dublin, Mann.—Pair of knitted fancy stockings.

242 
PILGRIM, J. Newfoundland St. Bristol, Des.—Ladies' high-heeled boot, in the old style, made of satin.

243 
RAWLING, J. B. Abbey Silk Mills, Sherborne, Dorset, Mann.—Gloving and sewing silks, for tambour. Scarf, half twist cloth, &c. of superior quality.

244 

245 
Ramsay, B. & Co. 19 Lancefield St. Glasgow, Mann.—Waterproof coats, trousers, coach-driver's apron, police cape, and tarpaulin. Samples of dyed cotton yarns.

246 
RUD, W. 51 Conduit St. Hanover Sq. Inv. and Mann.—The registered "sans-pli" shirt.

247 
SHERBIE, WOOLLEY, SANDERS & CO. 43 Friday St. Mann.—Bonnet of split straw plait, made by hand of English plait, showing the inner side of the straw, &c.

248 
SHERBIE, WOOLLEY, SANDERS & Co. 43 Friday St. Mann.—Bonnet, made of English split straw-plait, of superior and novel style of workmanship.

249 
SCOTT, P. 9 South Bridge, Edinburgh, Des. and Mann.—The V-breded and swivel-collared shirt.

250 
SHEEHAN, J. Finsbury Pavement, Prod.—Specimens of silk Russia braiding. General assortments of select needlework, in baby lining.

251 
SOLAN, SARAH, 52 York Rd. Lambeth, Des. and Mann.—A lady's English costume ball dress, embroidered with gold and silk.

252 
STEWARD, Jane, Templestowe Geobe, Bandon, Ireland, Prop.—Articles made at the Templestowe Industrial School by the poorest class of the peasantry.

253 
SMART, R. 10 Upper Eaton St. Grosvenor Pl Inv.—The "Sublevian sector."

254 
The Newbury Local Committee.—An oil painting: instance of a coat made from the fleece in thirteen hours and a half.

255 
VREES & Sons, 76 Wood St. Mann.—Ladies' bonnets, of finest quality, produced from wheat-straw, plaited and made up by hand. Fancy horse-hair and straw: the material made in the loom, and then sewn into bonnets by the hand. Ledgehorns: the material produced in Italy, the bonnet formed in London.

256 
UNITED KINGDOM.


267 Welch & Sons, 44 Gutter Lane.—Specimens of wheat straw, straw plait, bonnets, &c.
268 Welch, Marie, Bere Regis, Blandford, Dorset, Manu.—Fine thread shirt, with buttons manufactured by hand.
269 Whalley, W. Crabbery Hall, Stafford, Inv.—Patent-soled boots and shoes, with a complete sole of finely tempered steel, introduced between the inner and outer sole.
270 Ward, Stott, Sharp, & Ward, Belper, Derbyshire, & 89 Wood St. Chespaide, Manu.—Specimens of hosiery and glove manufacture. Lisle-thread, merino, cashmere, silk, and spun silk.
271 Walker & Bank, 306 Strand, Inv.—Registered waterproof alpaca overcoat and case that can be carried in a coal pocket.
272 Woodward & Luckman, 58 Wood St. Chespaide, Des. and Manu.—Bonnets, made from the English willow, light and cheap.
273 Woodin, D. 3 Upper Park Pl. Dorset Sq. Inv. and Manu.—Patent horseshoes, to prevent slipping on ice, wood, turf, &c.


1 Jackson, W. Birmingham, Manu.—Model of a raising machine, for raising dax covers. Tools used in the manufacture of tin and copper ware, &c.
2 Thornehill, W. 14 New Bond St.—Steel chaseline, style of the old perched steel work. Instrument for pruning trees at any height. Flower gatherer, cutlery, &c.
3 Thomas, R. Sinclair Works, Birmingham, Manu.—An assortment of axes, hatchets, and adzes; augurs, plane-irons, chisels, trowel, gun and hand harpoons, and garden tools.
4 Blythe, T. G. 6 Middle Row, Holborn, Manu.—Table cutlery, made in London.
6 Cowper, R. & H. 104 Fenchurch St. Inv.—Canton stick, or Chinese razor sharpeners.
7 Sharp, J. & R. 5 Gough Sq. Manu.—Table knife cutlery, made in London.
8 Maseley & Sons, 17 & 18 New St. Covent Garden, Manu.—Planes and tools, with modern improvements.
9 Loy, W. 24 King St. Whitehall, Manu.—Club skates, ladies' skate, &c.
10 Loy, W. T. Jun. 60 St Martin's Lane, Des. and Manu.—Razors, carving knives and forks, and other articles of cutlery.
11 Field, E. 17 Mary Ann St. St. George's East, Inv.—Cabinet-maker's case of tools.
12 Buck, J. 91 Waterloo Rd. Lambeth, Manu.—Circular and other saws, turning and other mechanical tools.
21 Hannah, A. Glasgow, Manu.—Thomson's augers, braces, bits, claw and chisel hammers, scolops, for boring wood, &c.
22 Matheson, A. Glasgow, Manu.—Assortment of braces and bits; pianoforte-maker's key tools; turning and carving tools, &c. Fili ploughs. Sash and side fillisters, &c.
23 Hilliard & Chapman, Glasgow, Inv. and Manu.— Razors of various kinds and sizes. Table cutlery; pocket knives, &c. Truss, for hernia.
24 Mackenzie, T. A. & Co. 65 Nicholson St. Edinburgh, Manu.—Improved saw fillister plane, wood brace, and pattern bits.
25 Macpherson, C. & H. 1 Gilmore St. Paul's Work, Edinburgh, Manu.—A brace, with all kinds of bits used for boring, drilling, and counter sinking.
26 Eastwood, G. 31 Walm Gate, York, Inv. and Manu.—Mitre plane, for the use of cabinet-makers, joiners, organ-builders, &c.
27 Baxe, E. Eastingwold, Yorkshire, Manu.—Butchers' and house steel.
30 Gradwell, G. 8 Market St. Manchester, Prop.—Knife with 500 blades, each having a separate spring.
31 Sylvester, J. Norfolk.—Set of razors.
32 Blicher, I. Waterloo St. Wolverhampton, Manu.—Augers, bits, borers, chisels, and gouges, for shipwrights, carpenters, &c.
33 Blicher, I. Waterloo St. Wolverhampton, Manu.—Tools used by shipwrights, carpenters, cooperers, pumppimmers, and wheelwrights.
34 Fletcher, W. Burwell, near Bridgewater, Somerset, Inv. and Manu.—Two working models of filtering vessels. Model of a stove for the purpose of heating and ventilating two apartments at the same time. Carpenters and cabinet makers' smoothing plane, with new mode of altering the pitch of the iron. Model of Burnham Law lighthouse. Specimens of amber, jet, &c. found on the coast of Norfolk, polished.
36 Wasteney, R. 3 Belmont Ter. Wandsworth Rd.—Tall's saw set, being a patent for improvements in the apparatus for setting saws.
37 Adom, S. J. 20 Gravel Lane, Southwark.—Tools used by carvers.
38 Cocker & Sons, Hatherage, Manu.—Needles, in all stages of manufacture; becks and beekie-pins; spiral springs; combs, and wool-combers' broaches; pinion wire, &c.
39 Cắmar, J. Cumberland Pl. St. Helen, Jersey, Manu.—Knife and scissors extremely small. Made without the use of glasses.
394 Bradford, B. & W. 73 Patrick St. Cork, Ireland, Manu.—Cutlery, including razors, pen and sporting knives, &c.
394 Yeats, F. G. 10 Winchcomb Buildings, City Rd. Inv. and Manu.—Registered lever knives, for opening preserved provisions, &c. Registered twist or string boxes.
395 Wright, F. Constitution Hill, Dudley, Manu. and Pat.—Vice, with patent solid box.
398 Fras, G. Southampton, Inv.—New description of metallic paint or composition, named "Anti-Sargassan," for protecting the bottoms of ships.
UNITED KINGDOM.


139 MAPTON, J. Sycamore St., Sheffield, Prod.—Specimens of engraving on pearl and ivory.
140 HENDERSON, Mary J. 6, Walton Parade, Bath, Manu.—Blind, deaf, and dumb.—Models of a lady's travelling-basket, and invalid's bed-table; chair-back and hand-screens; mops; baskets; flower-pot stands, etc.
170 BRAWN, R. & W. 73, Patrick St., Ireland, Manu.—Pearl, tortoiseshell, and ivory-handled razors. Lock-joint knives. Pruning and other knives. Corkscrews.
608 GAY, F. 47 Hanover St., Edinburgh, Inv.—Model of an invalid bed, made by T. Stimson, Duke Street, Leith.
643 Box, J. H. 69, Mount Pleasant, Liverpool, Manu.—Artificial teeth.

Class 22. General Hardware, including Locks and Grates.

1 HOOK, S. 61, Upper Thames St., Prop.—Stable stall with a cast and wrought-iron hay-rack, enamelled manger and cistern, &c.
4 TURNER, T. 33 East St., Marylebone, Manu.—Sliding metal mesh of improved construction. Door-spring and centre for a door to swing both ways.
6 PHILLIPS, J. E., Bittersea Fields, Des.—Design for ornamental iron gates for a park entrance.
7 STEVENS, H. B., Newmarket, Cambridgeshire, Manu.—Specimens of horse-shoes and plates for race horses.
9 CLARENCE, T., Great Brunswick St., Inv. and Manu.—A horse-shoe, designed to permit the natural expansive action of the foot of the horse: patented for Great Britain and Ireland and France.
10 WHITEHEAD, J., Oxford St., Manchester, Inv. and Prod.—Horse shoes.
14 JONES, G. 2, Raven's Pl., Hammersmith, Inv.—Horse-shoe for frosty weather.
15 HILLMAN, J. 4, Leaver's Buildings, Glasshouse Yd., Inv. and Manu.—Concave expansion horse-shoe.
16 COOK, W., Willesborough, Ashford, Kent, Manu.—Horse-shoe in most general use.
17 PLOMLEY, W., Maldon, Inv.—Model of an improved horse-shoe.
17 DEWSBURY, J., Sheffield, Yorkshire, Manu.—An assortment of superior and useful razor strops. Russia and Morocco pocket-books. Ladies' Companions, &c.
19 PEAKES, W., 28, Loyd St., Green Heas, Inv. and Manu.—Registered letter-copying machines. Model of a window with registered sash-latchers.
20 BARKER, E. R. 9, Walbrook, Des. and Inv.—Portable and cheap letter-copying machine, called a "manypen." 
21 FERREY, H. J. 3, Greenwich Rd., Greenwich, Inv.—Atmospheric railway, with gatea percha tubing, to work by compression or exhausation. Sausage machine.
23 SMITH, W., 19, Victoria Rd., Pimlico, Inv. and Pat.—Lump-sugar chopping machines.
25 BARTHEU & PARTHEU, Brick Hill Lane, Upper Thanes, Manu.—Wrought copper nails, roves, rivets, and washers.
26 WALKER, E., 6, Cardington St., Euston Sq., Manu.—Perforated brass, containing from eight thousand one hundred, to fourteen thousand four hundred square holes to the square inch, &c.
27 WILLIS & WATSON, 2, High St., Wapping, Manu.—Smith's patent galvanized and ungalvanized iron and copper wire ropes.
29 WOODS, W. 1, Queen St., Southwark, Manu.—Hooks and eyes, for uniforms, and drapery purposes. Brass chains for lamps and sashes.
30 KUPPER, W., Camden Pl., Camdenwell, Manu.—Specimens of wire rope, for suspension bridge, &c. Copper lightning-conductors and chain lines. Submarine telegraph wire rope. Bound wire rope, prepared for use.
37 FISHER & FIELD, Blandford, Dorset, Manu.—Wire buttons, made by covering with working rows brass ring, with thread or cotton, with a common needle.
38 FLEWS, S., Leamington, Inv. and Manu.—Patent kitchen-wares, or cooking grates.
39 GARRISON & SULLIVAN, Warrington, Manu.—Extra-strong wire cloth, woven by steam-power.
40 GOOLED, T., Perth, Des. and Manu.—Malleable iron garden-chair. Wire netting. Land-measuring chains, with oval rings.
41 WILLIAMS, J. B., Haydock Rope Works, near Warrington, Pat. and Manu.—Wire rope and cables, vis. stitched and plated, flat and round.
42 DAVIES, J., Norfolk St., Sunderland, Inv. and Manu.—Domestic mangle of simple construction.
45 BAYNES & SONS, Rose St., Edinburgh, Inv. and Manu.—A manifold bell-pull, to ring bells in any number of rooms. An air signal mouth-piece and bell. A bank safe lock. Bell furniture, blind rollers, &c.
47 EYRE, J., Woodpool, Shropshire, Manu.—Model of a pair of side frames, with barred and flat chains. Wood and iron-laid flat chains, for pits.
49 EVANS, G., 19, Quickset Row, New Rd., Regent's Park, Manu.—Zinc spirometers, for ascertaining the capacity of the lungs; zinc mouldings, and samples of manufactured zinc.
56 CROOK, H. W. 23, Jewin St. and 57 Gracechurch St., Manu.—Zinc window-blinds, mouldings, cornices, gutters, &c. Drawn and moulded zinc bars, for metal casings, &c.
58 SAVAGE, H. W., 15, St. James's Sq., Inv.—Door springs. Alarm bedstead. Bedstead for invalids.
64 SIMPSON, W. & J. 61, George St., Edinburgh, Inv. Manu. and Pat.—Kitchen-range, including apparatus for heating water for a bath.
66 FERREY, E., Wolverhampton, Manu.—Specimens of iron ore, pig iron, bar and sheet iron, block tin, &c. Strong tin ware, planished tin ware, and japanned ware.
69 TAYLOR & PRICE, 313 Oxford St. and 3 Queen St., Chester, Manu.—Perforated metal. Patent iron bedsteads, steel folding portable bedsteads with wrought-iron joints, &c.
69 HILTON & Co., Brierley Hill Iron Works, near
Dudley, Mans.—Patent bedsteads, with pillars of taper iron tubing, richly japanned fancy head and foot-rails, &c.


75. KEMP & WATKINS, Stourbridge, Mans.—Spades and shovels. Improved cast-steel draining tools. Plough-shares, beams, and coulter moulds, for foreign and home markets. Fryer-pan, fish-trays, turner's ladles, gravelers, hay, chaff, and thatchers' knives. Specimens of crane and coal chain. Nails; anvils; vices; best soft-gold axe arm moulds, for carts and wagons.

76. FLATHER, D. Solly Works, Sheffield, Mans.—Joiner's tools, and skates.

79. GREEN, J. S. Patrick St. Cork, Ireland, Des.—Views and sketches in copper, &c. produced by galvanic agency.

80. HAWKES & SONS, Sheffield, Mans.—Ivory, pearl, and tortoiseshell razors. Articles illustrative of the processes of manufacture, &c.

82. HANDYBIDE, A. Britannia Foundry Derby, Des. and Mans.—Cast-iron fountains. Vases, copied from the Warwick and Medici vases. Bech amendment and other vases, from the antiques.

83. TOWN BOWING IRON Co., Bradford, Yorkshire, Prod. and Mans.—Specimens of iron ore, coal, &c., and of smelted and manufactured iron.

84. BATMAN & SONS, Low Moor, near Bradford, Mans.—Bloom of iron H.C. produced at East Moss, Norway, of great roughness and strength; billet and wire rod rolled, and wire drawn from the same; cards manufactured with the wire.

85. JONES, J. 53 West Field Ter. Sheffield, Inv. and Pat.—Glasses for sash-bars, frames, columns, cornices, &c., for windows, looking-glass, and picture frames, &c.

86. HEAD, DAWSON, & HARDY, Low Moor Iron Works, Bradford, Prod. and Mans.—Minerals from the Low Moor Company's mines, near Bradford: Black ironstone; black bed coal. Specimens of Low Moor pig iron, and of wrought iron tested by tension, &c. Ten-inch gun, of 2 feet 4 inches, weighing 85 cwt. used with hollow shot, shells, grape, and canister shot; mounted on a carriage made by C. A. and F. Ferguson, Mast House, Mill Well, London. Thirty-two pound gun, of 6 feet, weighing 35 cwt. used with solid shot, shells, grape, and canister shot. Sugar-cane mill; cylinders or crushing rolls, 24 inches diameter by 48 inches in length. Olive mill. Watson's ellipthograph, for drawing ellipses of any proportion from a straight line to a circle.

88. BARKER & BISHOP, Norwich, Mans.—Ornamental Gothic hinge. Galvanized iron wire netting.

89. ELLIS, W. 136 High St. Isle of Wight, Mans.—Kitchen-range, with hot-plate, oven, &c. Boiler, steam-closet, and baths.

97. NICHOLSON, W. N. Newark-on-Trent, Inv. and Mans.—Cottage cooking-gas, patented by J. Leslie of London. Various other cottage and farmhouses and dining-room grates. Gas brackets, and ornamental iron work.


100. MARTIN, W. Sheffield, Mans.—Kingwood plated brace, beeched unplated brace, and centre bits.

101. FYFE, M. Chelsford, Inv. and Mans.—Patent oven, for baking bread, pastry, meats, &c. with great economy of fuel and time.

102. SAMP, J. Southamptoun, Inv. and Mans.—Apparatus for cooking by gas a dinner for 100 persons.

93. KERBLAYE, T. Exeter, Mans.—Registered boiler for heating churches, mansions, &c.

94. HAYWARD & SONS, Chichester, Sussex, Mans.—Kitchen-range, combining all the conveniences of a close range, with the advantages of a large open roasting fire, &c.


97. HAYWOOD, J. Derby, Mans.—Burnished steel drawing-room stove, with porcelain hearth. Radiating hall stove, with hearth plate. Cast-iron and comb-stove.


100. COLLINS, Son, & Co. 10 Foster St. Bishopegate, Pat. and Inv.—Coffee-roasting apparatus.


108. CAGE, J. & WIT, Bailey Lane Works, Sheffield, Mans.—Patent double-edge Lewis and spiral machine knives, for dressing cloth. Circular, frame, and pit saws. Files, &c.

110. BROOKES & SONS, Sheffield, Mans.—Emigrants, horticultural, and gentleman's tool chests. Tools of all descriptions.

111. MAXIN, W. Attercliffe Steel Works, near Sheffield, Mans.—Paper-mill, rag-engine, roller-bars, and bottom-plates, for grinding ropes, rags, and other materials into pulp. Knives for rope and rag-cutting machines. Tobacco and snuff knives. Miller's best refined cast-steel chisels and picks, &c. Samples of steel, used in the various branches of the manufacture of Sheffield.

112. SPEAR & JACKSON, Sheffield, Mans.—Cast steel circular, 5 feet diameter; spring steel hand-saw, 30 inches long, and a collection of other saws. Knives, for machinery, and other purposes. Files and rasps. American wedge axe, and edge tools of all sorts. Cast steel plate for engravers, and specimens of cast steel in bars.

113. FENTON, W. Sheffield, Mans.—Rasors, including specimens of the best work; new in pattern and design. Specimen, showing the different stages of the manufacture of rasors.

114. HABREYVES, W. & Co. Sheffield, Mans.—Table knives; dessert knives; carvers; game carvers; elaborately-carved ivory-handled bread knife.

UNITED KINGDOM.

**Class 22. General Hardware, including Locks and Grates.**

- Table cutlery. The Prince of Wales's sailor's knife. Gardeners' cutlery; sportsmen's knives; razors; pocket and penknives. Scissors, shears, snips, and back saws. Elles, etc.
- Azoor, J. 105 Eldon St. Sheffield, Man.—Knives for shoemakers, cloggers, and curriers; farriers, saddlers, joiners and cabinetmakers, cooperers, painters, and glaziers, plumbers, butchers, bakers, makers, and cooks. Newfoundland fish-knives.
- Fawcett & Marshall, Telegraph Works, Sheffield, Man.—Table and dessert knives; carvers; fish-carvers; melon-carvers; bread-knives, with carved handles. Large slices.
- Ellis, T. & Co. Sheffield, Man.—Shoemakers' tools, glassers, painters, and furriers' knives. Table knives in common use a.d. 1800. Sheffield whittles. Carving and bale knives and forks, &c.
- Wrixon & Son, Grimesthorpe, Sheffield, Man.—Sheep and horse shears; shears for gloves, finishers, and weavers.
- Stakes & Webster, Castle Hill Works, Sheffield, Man.—Nippers; gold and silver scissors; surgeons' scissors; tailors' shears; garden-shears, and slide pruning shears, &c.
- Sherrard, J. Eldon St. Sheffield, Man.—Sheep-shears; sheep shears, used in the glove trade; horse-shears; pair of best polished bronze broad-bladed sheep-shears, in miniature, containing a variety of small articles; weavers' shears, knife, and nippers.
- Mapple, R. Sheffield, Man.—Braces and bits; square; mitre-square; turn-screws; improved sliding T bevil; saw-pads; spirit-level; screw-slide mortice-gauge, saw and frame; spokesheaves; shell-gimlet; improved suger-gimlets, &c.
- Bloomer & Phillips, Albert Works, Sheffield, Man.—Braces and bits, spirit levels, chisels, &c.
- Hardy, R. E. Burnhill St. Sheffield, Man.—Carved bread and plated dessert knives. Nut-picks, and instruments for ladies' work. Boxes, and gentlemen's dressing-cases.
- Martyn, S. 29 Norfolk St. Sheffield, Man.—Specimens of various kinds of razors, manufactured from Sheffield steel.
- Newbold & Ballin, Surrey Works, Sheffield, Man.—Specimens of Roberts' patent table cutlery. Table cutlery, with ivory and silver handles, &c.
- Newbold & Owen, Sheffield, Man.—Samples of best polished goods, including new and improved forms and varieties of scissors.
- Wrench & Sons, Sheffield, Man.—Samples of razors and table knives.
- Ingram, T. W. 85 Bradford St. Birmingham, Des. and Manu.—Horn buttons, illustrations of the manufacture prior to the patent, and the improvements made under the same; materials with.
- Jones, J. West Field Ter. Sheffield, Inv. Pat. and Manu.—Improved dinner-knife and carvers. Rust-preventive composition.
- Mappin & Brown, Sheffield and London, Manu.—Assortment of cutlery, including sporting and pocket knives; pen-making machines; gardeners' knives; table cutlery; razors and scissors in great variety.
- Clayton, G. 5 Love St. Sheffield, Manu.—Specimens of table cutlery. The same plated on steel in ivory and steel.
- Bagshaw, W. 37 Spring St. Sheffield, Manu.—Assortment of fine penknives.
- Ringer, H. Low St. Sheffield, Manu.—Pocket-knives American hunting-knives, &c.
- Hardy, T. 9 Moore St. Sheffield, Manu.—Stilettoes, crotchet-needles, button-hooks, nail-files, corkscrews, tweezers, button-hooks, &c.
- Nowell, J. & Sons, Sheffield, Manu.—Massif of knives for the Levant trade, other cutlery, razors, dressing-cases, &c.
- Elliott, J. Townhead St. Sheffield, Manu.—Sample razors, manufactured of the best steel; exhibited for temper, design, and workmanship. Frame-back razors. Pearl-steel razors. Rasors, with hollow-ground blades.
- Webster, G. Howard St. Sheffield, Manu.—Rasors of superior finish and quality. Double-edged razor, provisionally registered.
- Ledford, C. 83 Carver St. Sheffield, Inv. and Manu.—Various razors; curl-cutting razors; barbers' razors. Table knives; silver-plated dessert knives, with chased blades; pearl-handled plated dessert knife, with emblems of the Turke.
- Ellis, L. 185 West St. Glossop Rd. Sheffield, Manu.—Card of razors. Table knives. Butchers' pallet, putty, and stoning knives.
- Unwin & Rogers, Rockingham Works, 124 Rockingham St. Sheffield, Manu.—Sporting knives; pistol, knife, and cigar knives; desk, garden, pen-machine, scissors, tailors', and pocket knives. Razors, lancets, farriers' knives, and scissors for bleaching castles. Nail-files, button-hooks, &c.
- Marriott & Atkinson, Fitywall Works, Sheffield, Manu.—Files and razors, for various purposes, and in various stages of manufacture. Specimens of steel, for coach springs, chisels, spindles, and tools. Model for locomotive engines, springs, springs, railway wagons and carriages, elliptic carriages, gun, and leaf knives.
- Fearcober, H. Wolverhampton.—Portable washstands, oval vases, oval dish-owners, tea-trays, copper bronze kettles, tea caddies, hot-water dish and cover, dressing-case, &c.
- Kirk & Warren, 11 Coalpit Lane, Sheffield, Manu.—Files and razors, suitable for mechanics, engineers, &c.
UNITED KINGDOM.

Class 32. General Hardware, including Locks and Grates.

168 MARKS, BARRATT & Co., Sheffield, Man.—Specimen of steel used for tools, cutlery, &c. Table and small cutlery. Butchers’ knives; razors; edge tools; files; scissors; hay-knife; straw-knife. Spring for railway trucks, wagons, &c.

169 BROOKSHAW, A. Mulesia Works, Sheffield, Man.—Files and rasps, manufactured from the best cast-steel.


173 MACAN, J. Sheffield, Man.—A variety of scissors and slide pruning shears.

174 MARSH, BROTHERS & SILVERWOOD, Bridge St. Works, Sheffield, Man.—The Royal Albert and other skates.

175 JOYNETT, J. Arundel Lane, Sheffield, Man.—Edge tools and sheep-shears. Horse, rag, and weavers’ shears.

176 BROOKES, J. Dorset St. Spring Lane, Sheffield.—Articles suitable for ladies’ work-boxes and gentleman’s dressing-case.

177 MARSHALL & Co. 4 Park Side, Hyde Park Corner, Inv. and Man.—Registered invisible string, for paralya. Registered corset, spring stays, belts, &c.

178 RIDER, J. G. Ecclesfield Commons, near Sheffield, Man.—Brass, bits, and gimlets.

179 WILKINSON, T. & G. 17 New Church St. Sheffield, Man.—Duplicate specimen of scissors, manufactured for the Queen, with the ornamental work filled out of solid steel. Large assortment of scissors and shears.


181 HOWATT, J. Sheffield, Man.—Tools for engravers’ and print-cutters; mariners’ compass; needles; gunsmith’s stocking tools; turning and carving and other tools; tool-chest.

182 BROWN & SONS, Western Works, Sheffield, Man.—Braces and bits. Squares, bevill, gauges, twinescrews, spokeshares, saw-pads, saw-set, spirit-levels, saw-frame, pick-up, and augers. Skates of ebony inlaid.

183 DODCASTER, D. Sheffield, Man.—Patterns of steel.


185 WALDOUS & SONS, Stourbridge.—Skeins; crown chauffer; hay-knife; American grass-hook; south of England reaping-hooks; hedge-brushing-hook; pea bill-hook.


187 WARNER & CO., C. 50 Eyre Lane, Sheffield, Man.—Bright Scotch screw-saw, 6 feet long. A variety of Scotch screws, four-twisted, and other saws. Improved shell-saw.

188 JOWETT & BATTY, Savile Works, Sheffield, Man.—Specimens showing the effect of each successive process of manufacture, from the native iron-stone into steel, and all its various forms and sizes. Engineers’ and machinists’ cast-steel files.

189 HENGEBOURNE, G. & W. Sheffield, Man.—Assortment of scissors, ornamented and mounted with gold, &c. Pair of fine scissors, forged from refined steel, hardened and tempered upon a peculiar principle. Razors, ivory, tortoiseshell, and mother-of-pearl handles, gold and silver mounting.

190 ROBERTSON, Carse & STEELE, Chantry Works, Sheffield, Man.—Cast-iron mantelpieces, grates, feeders, and fire-irons.

191 TURTON & SONS, Sheffield, Man.—Illustrations of steel manufacture from Swedish bar-iron. A large assortment of files, edge-tools, and cutlery. Springs for locomotive engines, railway carriages, &c.


193 BUTCHER, W. & S. Sheffield, Man.—Specimen, and other razors; edge tools and files. Superior saws, in great variety.

194 BLAKE & PARKIN, Meadow Works, Sheffield, Man.—Improved cast-steel files and rasps. Improved cast-steel saws. Knives, &c., for paper-makers, cloth manufacturers, tobacco manufacturers, cork-cutters, tanners, curriers, &c.

195 WILSON & SONS, Sycamore St. Sheffield, Man.—Knives for shoemakers, butchers, cooks, curriers, furriers, glaziers, and weavers; palette knives, bread knives, butchers’ steels, &c.

196 MARSHALL, R. 25 Eyre Street, Sheffield, Des. and Man.—Specimen of illustrated Sheffield cutlery, consisting of razors, carved in mother-of-pearl, &c. Pocket combs, &c.

197 BAYLEY & SONS, 13 Edward St. Sheffield, Man.—Pruning and budding knives, of superior workmanship and material.

198 EVES, WARD & Co. Sheffield, Man.—Table-knives, commencing with the cheapest and commonest manufactured for export. Ivory, silver, and other descriptions of table cutlery. Razors, including the cheapest serviceable razor to the most costly. Pocket and penknives. Daggcr and Bowie knives. Scissors, scythes, and sickles.

199 SORBY & SONS, Carver St. Sheffield.—Collection of sheep shears; weavers’ pods; circular saws; files; axes, adzes, cleavers, choppers, and hatchets; beading-bills, and other gardening tools; carpenters’ tools; scythes, chaff-knives, reaping-hooks, shears, &c.

200 LUCAS & SON, Dransfield, near Sheffield, Man.—Malleable steel cart nails and axes, coach-nails and axes, and carriage-nails and axes. Spindles used for spinning flax, worsted, cotton, and silk. Improved railway wheels cast in one piece, and left hard on the face, the inner part quite malleable.

201 TASKER, H. Sheffield, Man.—Cast steel saws, polished and etched with silver and gold.

202 FISHER & BRAMALL, Hoyle St. Works, Sheffield.—Files and rasps. Ironstone, pig and bar-iron. Bar, ingot, and other steel. Engineers’ and masons’ tools. Circular saw, for cutting railway rails when in a heated state.

203 EAKIN & SONS, C. 60 Eyre Lane, Sheffield, Man.—Files and rasps of all shapes, kinds, and sizes. Samples of steel, from blisters to the smallest watch-spring.

204 SLACK, SELLERS & GRAYDON, Sheffield, Man.—A large assortment of all descriptions of yiti, frame, and hand saws. Straw or chaff-knife. Ledger blade and cylinder of spiral cutters for shearing woolen cloth, &c.

205 IBBOTT, R. Shoreham Works, 7 Shoreham St.
Class 22. General Hardware, including Locks and Grades.

211 Tayloe Brothers, Burnt-tree Lane, Sheffield, Man.—Circular, pit, and hand-saws, &c.

212 Bowes & Sons, Sheffield, Man.—Hopping-saws, hand-saws, and back-saws, plain and ornamental.

213 Stanley, T. Hackenthorp, Sheffield, Man.—Sickles and hooks; scythes and hay-knives.

214 Evers & Newcom, High St., Sheffield, Man.—Patent crown hay and straw knives. Scythes, reaping hooks, and sickles, suitable for New South Wales, Australia, Canada, the Indies, the Cape of Good Hope, Russia, and the United States of America.


217 Adams, J. Selby, Man.—Improved washing, wringing, and mangling machines.

218 Burrows, S. 34 Spring St., Sheffield.—Specimens of table cutlery, blades all steel, with an ornamental shank.

219 Lame, J. Nile, St. Sunderland, Inv.—Model of a tubular gas apparatus for heating baths.

220 Leen, A. Sheffield, Man.—American hunters and dagger knives, in ornamental sheaths.

221 Sanderson, T. J. Sheffield, Man.—Anvils and vices for engineers, blacksmiths, and tanner’s use.

222 Harlow, S. Bradford Lane, Sheffield, Man.—Scissors and Shears of every variety, with specimens from the rough steel to the finished article.

223 Nelson, J. Sheffield, Inv.—Set of parturition forces, for domesticated animals. Pair of forces for giving balls to horses.

224 Lonsley, G. A. F., 43 Regent St., Sheffield, Yorkshire, Des. and Man.—Horse-shears, sheep-shears, wool-shearers, or thresher’s shears, grass shears, grovers, bellies or dragging, and rag shears.

225 Linsley, E. 76 Wellington St., Sheffield, Man.—Samples of sheep-shears, plain and patent, suitable for Australia, North and South America.

226 Priestley, J. Sheffield, Man.—Saws ornamented in a new style, large circular saw, &c.


228 Glentox & Chapman, 147 New Bond St.—Marble chimney-piece. Polished steel register stove, fender, &c. Venetian bath.


232 Whittaker & Chapman, 18 Fenchurch B. 70 St. John St. and 11 Ray St. Clerkenwell.—Coffee-mills, corn-crushers, machine for grinding and dressing flour at one operation; smoke-jack, &c.

233 Porz & Son, 8 & 11 Edgeware Rd. and Grove Foundry, Lissom Grove, Inv. and Manu.—Patent double-section rarefying stoves, ornamented. Section, showing the internal arrangements.

234 Sherwin, J. 21 Norton Folgate, Manu.—Economical range and supply cistern, hot cloth steam kettle, bath stove, &c.

235 Crook, F. 5 Carnaby St. Manu.—Large white Lily, in wrought-iron.

236 Crook, W. 5 Carnaby St. Inv. and Manu.—Hot plate, oven and boiler, kitchen range, and improved smoke-jack. Tailor’s stove.

237 Keen, W. 43 Cornhill, Inv.—Conducting leaf calorifere; to be patented. The multiple box hive. New mode of preparing seeds for sowing.


239 Warrender, G. 16 Arundel St. Imp. and Inv.—Essence of meat, from Port Phillip. Gas cooking stove, gas bath, kitchen utensils, traveller’s stove.


241 Taylor, S. 117 New Canals, Birmingham, Manu.—Specimens of ordinary and ornamental bellows.


243 Allsopp, W. 221 Constitution Hill, Birmingham, Manu.—Assortment of gate, cow, polo, and ornamental. Improved portable forge, with hearth attached.


246 Rock, W. Dudley, Inv.—Castings from wrought iron scrap from the cupola of a foundry, to show that its original quality for toughness is retained.

247 Hanover, W. & J. Bristol St. Birmingham, Manu.—Specimens of brass foundry used by bell-hangers. Door-handles, ornamental, tea-bells, cornices, &c. with ornamental handles.

248 Solly, J. Leambrook Iron and Steel Works, Tipton, near Birmingham, Manu.—Specimens of English iron for conversion into steel, and of various kinds of steel; and articles of hardware and cutlery made from the said steel.

249 Malins & Son, Birmingham, Manu.—Brass window-frames, cornices and ornaments. Finger-plates for doors, &c.

250 Gray & Son, 9 Wemman St. Birmingham, Manu.—Polished steel for iron standards. Coal vase, tongs, &c.

251 Hanra, J. Prospect Row, Birmingham, Manu.—Specimens of ornamental stamped brass foundry, cornice pole ends, curtain bands, finger-plates, frames for miniatures or pictures, coffin furniture, &c.

252 Lindsay, G. Snow Hill, Birmingham, Manu.—Patent dovetail lock. Registered air-vent cock.

253 Winder, J. Birmingham, Manu.—Specimens of locomotive and marine boiler tubes. Brass and copper gas tubes, and wire. Sheet brass.

254 Bury, A. Birmingham, Inv.—Hydrostatic syphon water-purifier. The Victoria night-light.

255 Smith, T. H. 20 Brewer St. Golden Sq. Des. and Manu.—Stove ornament. Design for a centre ornament for a ceiling, composed of 8,000 postage stamps.
UNITED KINGDOM.


271. Hickman & Clive, 344 William St. North, Birmingham, Manu.—Coffin furniture produced by pressure from thin plates of metal in dies of cast iron or steel.


280. Williams, T. Heaton, Inv.—Model of iron safe, with water between the inner and outer cases. Model of axle for carriage, with hollow perforated arm for oil-box.


282. Hammond, Turner, & Son, Snow Hill, Birmingham, Manu.—Various naval, military, sporting, and club buttons, gilt, plated, bronzed, &c.


284. Hardman & Lipton, 36 Newhall St. Birmingham, Manu.—Buttons, medals, hooks and eyes, &c.


286. Chawles & Son, 92 & 93 Gt. Charles St. Birmingham, Manu.—Illustrations of the various sorts of button manufacture, covered nails for furniture, &c.

287. Banks, E. Birmingham, Manu.—Mother-of-pearl shells used in the manufacture of buttons. Mother-of-pearl buttons.

288. Frazzard, J. Gas St. Birmingham, Manu.—Hooks and eyes to fasten ladies' dresses, &c.


303. Allen, F. Birmingham, Manu.—Silver and gilt dresswork.


308. Parker & Avery, 54 Brierly St. West, Birmingham, Manu.—Gold and silver pens and pen-holders. Gold toothpicks, seals, and keys.


315. Heslet & Sons, Mount St. Birmingham, Manu.—Castellains; sword hilts; buttons; snuff-boxes; watch-guard; invalid tongs; and other ornamental steel wares.

317. Cotton, J. 101 Henry St. Ashfield, near Birmingham, Inv. and Manu.—Patent electric detector locks, made to the keys. Two locks cannot be made alike, unless formed from the keys cut at the same time.

319. Nash, R. 20 Russell St. Birmingham, Prop.—Spoon and collar dies; medal dies; coin, and office desk dies; button dies.


325. Rutland, J. Crown Nail Works, Newton Row, Birmingham, Manu.—Cut nails, consisting of upwards of 200 distinct varieties of the most useful sizes, made of iron, steel, brass, and copper.

326. Hawkins, J. 2 Prinsep St. Birmingham, Manu.—Screws in iron, brass, and copper; railway, coach, grate, machine screws, and bolts.


332. Potts, W. 16 Easy Row, Birmingham, Manu.—Bronzed and lacquered gas lamps, chandeliers, lanterns, candelabra, girandoles, glass frame, clock stands, epergnes, &c. Potts' patent picture supporting moulding.

334. Griswold, J. Victoria Works, Birmingham, Inv. and Manu.—Specimens of metallic pens.
UNITED KINGDOM.

Class 22. General Hardware, including Locks and Grates.

335 WILBY, & Co. 34 Gt. Hampton St. Birmingham, Manu.—Gold, paladium, gold and silver, and silver plate, pointed with the native alloys of iridium and osmiu, the hardest of known metals.


337 KELLY, A. & Co. 28 Summer Row, Birmingham, Mass.—Steel pens, showing their different forms and qualities, with improvements.


339 BAYLIS & Sons, Redditch, Birmingham, and 37 Gresham St. London, Manu.—Needles and fish-hooks of every description, with specimens exhibiting the different stages in the process of manufacture.

340 BOUROUX & Son, Redditch, near Birmingham, Mass.—Needles; steel meshes; surgeons' needles; sail hooks; bodkins; harpoons; spears and grains for whale fish; fish-hooks, &c.

341 HIGGINS, H. Redditch, near Worcester, Manu.—A general assortment of sea and river fish-hooks.


344 EDEN & EDWARDS, New Hall Works, Birmingham, Mass.—Pins, the heads and shafts in one solid piece, made by improved machinery. Elastic hair-pins. Iron wire, &c.


346 MYERS & Son, Newhall St. Birmingham, Manu.—Specimens of steel pens, and improved steel pen and quill pen-holders in gold, silver, and other metals.


348 MILLER & Son, Broad St. Birmingham, Manu.—Domestic groups of the Queen and the Prince of Wales, in co-mola and bronze: modelled by John Bells. Porcelain of a chandelier in bronze, as designed by Mr. Grüner, for the Pavilions in Buckingham Palace gardens. Ornamental designs in co-mola and bronze. Registered station-signals, and rail-lamps; hand signal lamps; roof lamp for carriages; carriage lamps; gas fittings; engine coals, &c.

349 SEVERUS, R. F. 46 Broad St. Birmingham, Manu. and Pat.—Electro-plated articles on hard white metal, cast in metal moulds in a heated state; a stream of water is made to play upon the moulds, which causes them to contract, and thus produce great sharpness in the casting.


351 EDDY, F. 49 Poland St. Manu.—Circular corrugated Dr. Arnott's stove. Dr. Arnott's chimney ventilators.

352 WOODS & Son. J. 38 St. Paul's Sq. Birmingham, Manu.—Ornamental door lock and bell lever. Brass bell levers, door handles, hat and coat hooks, and door fittings, castors, ventilators, &c.

353 HOLDEN, H. A. 98 Suffolk St. Birmingham, Manu.—Door handles, carriage-door hinges, mouldings and beadings, harness-buckles, &c. Chariot lamps and railway signal lamps.

354 BLOOMS & Son, Bartholomew St. Birmingham, and 55 Bartholomew Close, London, Manu.—Brass and copper fittings, candlesticks, imperial measures and weights; bells, scutles, &c.


356 HEMELBROOK, T. & Co. 28 Cannon St. Birmingham, Manu.—Carriage lamps full silver mounted, engraved and stained glasses, gilt, enamelled, and chased.

357 EYRES & Son, Birmingham, Manu.—Copper and brass tubes, for locomotive and marine boilers, gas, steam, &c. Specimens, showing process of manufacture of rolled metals, and of brass and copper wire.

358 BOYD, T. Broad St. Metal Works, Birmingham, Manu.—Specimens of the process of manufacture of wire and tubing; locomotive and mandril drawn tubing; brass solder, &c.

359 POOLE, W. 10 Market St. Birmingham, Manu.—Copper bronzed tea urns and swing kettle. Bright copper fluted copper vase, and round or oval kettles.

360 HILL, J. Broad St. Birmingham, Manu.—Stamped ornaments, for lamps, chandeliers, &c. Six-light chandelier body, and arms. Lamps, &c.

361 WINTERBOTTOM, J. Oxford St. Birmingham, Manu.—Window cornices, in stamped brass-foundry, with velvet, wainscot, and knotted oak, rosewood, and white enamel ground. Wrought-iron fire-proof safe.

362 LLOYD, G. B. Berkeley St. Tube Works, Birmingham, Manu.—Lapwelded iron tubes, for steam boilers; the same with fittings for conveying gas and water; and for hydraulic presses.

363 TAYLOR, W. 13 Sheepoote St. Birmingham, Inv. and Manu.—Original designs for nut-crackers, sugar tongs, door knockers, and improved inside shutter bar.

364 WOODWORTH, J. Birmingham, Des. and Manu.—Model of an economical kitchen range, intended for a close or open fire.

365 KEWITZ & Son, West Bromwich, Staffordshire, Manu.—Model of an enamelled tank or cistern with gussets joint. Enamelled water or gas-pipes, troughs, &c. Pulleys, castors, &c. Nail casting, &c.

366 KIMBERLEY, J. 56 and 57 Ings St. Birmingham, Factor and Des.—Stamp-brass foundry, consisting of curtail bands, cornice pole ends, letter clips, door furniture, &c.


368 KIMBERLEY, J. 56 and 57 Ings St. Birmingham, Factor and Des.—Stamp-brass foundry, consisting of curtain bands, cornice pole ends, letter clips, door furniture, &c.
UNITED KINGDOM.

CLASS 22. General Hardware, including Locks and Grates.

WIRE AND ROLLED METALS.


374 GONON, G. Birmingham, Inv. and Manu.—Drawing-room grates, &c., with or-molu ornaments. Dining-room grates. Cast-iron fender, with fire irons. Registered designs.

375 KEECH, G. J. 100 Crawford St. Marylebone.—Improved kitchen apparatus. Meat screen and reflector.

380 GODDARD, H. Nottingham, Manu.—Patent cooking apparatus, for culinary and other purposes.


382 LAY, J. 90 St. Andrew’s Sq. Glasgow, Inv. and Pat.—Patent stove, for the cure of smoky chimneys. Improved smoke guards, &c.

383 NUTTALL & SONS, 4 Sloane Sq. Chelsea, Inv. and Manu.—Gothic ventilating church-stove. Gothic stoves. Portable bed-room and conservatory stove.

388 COURT, J. 19 Queen St. Grosvener Sq. Inv. and Manu.—Improved hot-air stove, composed of two earthen cylinders. The same for gas.

389 TAYLOR, T. 55 Dean St. Soho. Inv. and Manu.—Ventilating gas stove for halls, shops, &c. Bachelor’s kitchen. Registered caloriifer, or hot-water vessels.

391 HARRIS, G. 5 St. Anne’s Pl. Limehouse, Inv.—Improved cooking stove for private families.

392 FROST, H. 17 Rathbone Pl. Inv. and Manu.—Model kitchen fire-place and cooking apparatus.

395 HARRISON, H. B. 306 High Holborn, Inv.—Apparatus for speedily cooling or warming liquids.

396 KENT, J. 8 Elizabeth St. South, Pimlico, Des. Inv. and Manu.—Improved vegetable cookers. New potato steamer.


397 PRICE, V. 33 Wardour St. Soho.—Portable stove for heating flat irons. Newly invented patent candle-sender.

398 REYNOLDS, Anne, 138 Sloane St. Chelsea, Inv.—Improved roasting apparatus, with self-basting and heat-reflector.

399 ROOP & SONS, 68 Snow Hill, Manu.—Patent japanned plate-warmer.

400 REEKER, J. 50 Hotter St. Chelsea, Inv.—Nautical safety swimming boat. Portable oven, on a new principle, which can be used in the open air.

402 WATSON, G. 15 Lower Market St. Woolwich, Manu.—Models of register and thermometer stoves.

403 ALEXANDER & SHREWSBURY, Hastings, Des. and Manu.—Open fire hot-air stove, made from iron ore obtained and smelted in Sussex.

404 ABERCROMBIE, J. W. St. Agnes, Cornwall, Inv. and Manu.—Cooking apparatus, by which saving of fuel is said to be effected.

405 GRAY, J. & A. 85 George St. Edinburgh, Inv. and Manu.—A new radiating and reflecting stove grate, with flue passing up the back of the concave front, and thus transmitting a large amount of heat into the apartment.

406 WOOD, G. T. W. & H. Stourbridge, Manu.—Wrought-iron anvil and vice; scythes; grafting and draining tools; link chains used in rigging of vessels, cables, &c. Anchors, nails, screws, windlass, &c.

407 KING, S. 1 South Bay, Bath, Inv.—Registered ventilating and smoke-consuming register stove grate, with King’s octagonal wedge bricks, &c.

409 MCMANUS, M. 3 James St. Limerick, Ireland, Inv.—Model of registered stove, for heating conservatories, hot-houses, and buildings.

410 REID & JONES, J. Nottingham, Manu.—Register stove grates, with registered fire-brick backs.

411 IRVING, P. 167 Grove St. Liverpool, Inv.—Portable cooking-stove, for cooking with gas generated from heated spirits. Emigrant’s kitchen, &c.

412 TAYLOR, J. Chichester, Inv.—Model of a newly invented invalid bedstead. Model of an improved kitchen range.

413 WALLACE & SONS, Leith, Inv.—Model of a patent safety cooking apparatus, for ships, and of improved ventilator, for warm climates.

416 BELL, MASON, & Co. 35 Baker St. Manu.—Stands for flowers, of different sizes, made of brass tubing, by hand.

418 M’KEE, A. 38 De Beauvoir Sq. Kingstown, Manu.—Model of condensing engine, with stop-valves under cylinder, &c., instrument for bedecking the speed of paddle-wheels, printing-presses, gun-carriages, &c.

419 HASEL, W. St. Helen’s, Derby, Des. and Manu.—Specimen of Hammond iron church-door hinges, with branches of scroll-work, after the early English style.

422 BOTT & ALLEN, Manchester, Manu.—Fenton’s patent anti-friction metal, for the bearings of machinery. Pinion work, steam-engine valves, ship nails and fastenings, blocks, pulleys, &c. Dickenson and Fulkow’s patent equisitable gas-meter.


426 SPARKES, J. 12 King St. Tower Hill, Inv.—Cash-box for railways. India-rubber door hinge.


432 HALLIDAY & RAE, George St. Edinburgh, Des. and Manu.—Gas lustre and branches; wash-hand basin; patent water-closets; spiral taps, &c.

433 RICKERS, C. 5 Agar St. Strand, Inv. and Manu.—Apparatus for cooking, &c. by jets of coal-gas mixed with air, for chemists’ use, &c.

434 COCHRANE, J. Greenside Law, Edinburgh, Manu.—Gas-meter, 10 inches diameter.

436 BRYAN, J. 13 Stafford St. Dublin, Inv. and Manu.—Transparent gas meter.

437 BOWEN, J. Wigan, Lancashire, Manu.—Transparent gas meter, to register the consumption of gas to the customer with part of a foot.

439 LOCKHART & STRENNON, Glasgow, Des. and Manu.—Six-light chandelier, for gas.

UNITED KINGDOM.

Class 22. General Hardware, including Locks and Grates.


443 Young, W. 18 and 33 Queen St. Cleveside, Inv. and Manu. —Vesta lamps, lanterns and burners, to burn rectified terpenes. Spirit cases, with air-tight stopper.

444 FADDY & Son, 114 Wardour St. Manu. —Gas chandellier, upon Professor Faraday's principle, by which all noxious products are carried off.

445 DRAKE, H. T. and 11 Creed Lane, Des. and Manu. —Concentrating gas-lamp, for externally illuminating shop-windows, on the parabolic construction.


447 FAHMI & Co. Sutton St. Clerkwell, Manu. —Candle lamps. Pendant lamps, for burning candles, fixtures, for warehouses, stables, and outbuildings.

448 HOLDSAY, R. Tadworthfield, and 125 Holborn Hill, London, Manu. —Self-generating gas lamps. Patentable. Aromatic liquid produced from coal by the Sheffield Gas Company, from which are made coal tar; naphtha; ammonia liquor; sulphate of ammonia, and carbonate of ammonia, &c.

449 HOLDSAY, J. 6 Arthur St., East, Inv. and part Des. —Signal lamps for railways, &c. Hardware fittings for railway carriages.

451 Squires, R. 16 South St. Manchester Sq., Manu. —Plated lanterns and other carriage lamps; window lamp; hand signal, improved magic lantern; travelling lamps; improved lamp from gas burning horses.


455 SAUNDERS, W. J. 11 Polygon, Clarendon Sq. Inv. and Manu. —Pneumatic solar lamp for railways, lighthouses, &c., adapted for common animal or vegetable oil.


459 CHILDS, J. Brentford, Manu. —Brass fountain lamp, with adjusting concentric burner, for a lighthouse lantern.


462 BARLOW, J. 14 King William St. Manchester House, City, Inv. and Manu. —An illuminator, or vault light. Self-acting syphon tap.

464 BLACK, B. 49 South Molton St. —Ornamental carriage lamp.

470 SAINTON, T. F. Leicester, Manu. —Gas lamp, with ornamental construction for ventilation.

472 NIXE, J. S. Baslow, Bakewell, Inv. —Forms of the oxide condensing lamp. Improved weather lamp, for outside purposes, collars, &c.

474 HAWKINS, J. 42 Bow St. Dublin, Manu. —Circular silver-mounted Clarencce carriage lamps.

476 DOWSON, J. E. 123 Oxford St. Manu. —Cundy's patent hot-air ventilating stove. The interior made of iron bars, &c.

477 BROWN & REDPATH, Commercial Rd. near West Idia Docks, Pat. and Manu. —Fire hearth, or cooking apparatus, as used on board H.M. steam ships. Lanterns for marine purposes.

479 CALLAN, T. 16 Shore, Leith. —Ship's cooking apparatus, for baking, boiling, roasting, and steaming at the same time.

480 BEARE, C. M.D. 51 Weymouth St. Inv. and Pat. —Tubulated solid fire-brick stove or heat condensors, for libraries, schools, passages, shops, &c.

481 GOODYEAR, G. T. 5 Wellesley Sq. Manu. —Improved ship's hearth, to cook for fifty men.


489 KERR & Co. 40, 41, & 42 Chandos St. Manu. —Copper bath. Steamers, hot-water pipes, and skylight frame. Copper covering for roofs, casement, clock-hands, &c.

490 WILSON, R. W. & W. 49 Wardour St. Soho, Des. and Manu. —Baths of various descriptions.

491 GILBERT & Son, 51 Broughton St. Edinburgh, Inv. and Manu. —Model of the Victoria shower-bath.

492 GILBERT, S. Ironmonger St. Stamford, Lincolnshire, Inv. and Manu. —Somatropic bath: registered.


496 HARDWICK, W. 23 Hatton Garden. —A portable domestic bath-room.

498 MASON, R. Bartholomew Sq. Inv. and Manu. —Registered copper vapor bath, worked by a spirit lamp.


503 LONGFELLO, W. Otley, Near Yorkshire, Inv. and Manu. —Ornamented wrought-iron safe or chest, with patent positive security lock: patented.

506 LEADBETTER, J. 123 Alderbury St. Manu. —Fire-proof of safes, secure against fire and injury from fire.

509 TAYLOR & Sons, Pat. and Manu. —Fire-proof iron safe, with hollow chambers filled with chemical salts.

509 FISHER, J. N. 10 Charles St. Manchester Sq. —Safety boxes for collecting money.


510 MARX, W. 53 Cheapside, Manu. —Wrought-iron patent fire-proof strong room, secured with the double chamber wheel-action detector lock.

510A BONDSALE, C. High St. Hull, Inv. —Service-box, applicable to every description of water-closet, and not requiring the cistern direct over head.


515 HUGHES, T. Dublin, Manu. —Church, farm, and altar bells. Brass force and lift pumps, and metal pump. Patent composition pipes for liquids or gas.

522 MCCULLAN, J. 79 George St. Edinburgh, Inv. —Pint-meter, for measuring liquids by index.

524 GUEST & CHURCH, Rotherham Brass Works. Manu. and Pat. —Tubular water-closet: Inv. and registered by W. Kirkwood, of Edinburgh. Hydrant, or fire-cook, for extinguishing fires, and for street cleaning: patented by J. Bate man and A. Moore, of Manchester. High-pressure bbl. ball, stop, and double-valve cock.
UNITED KINGDOM.


529. Aikens, J. 29 North St. Hackney, Inv. and Manu.—Improved water-closet, fitted up on improved principles, and fixed without nails, screws, or braces.


533. Chambers & Rowena, 47 Carey St. Lincoln's Inn Fields, Manu.—Portable water-closet, with improvements.


566. Stott, J. Bambery, Inv. and Manu.—New lever mangling machine, with elastic band pressure. Improved portable mangle, &c.

568. Fyfe, R. 4 Wood St. Spitalfields, Inv. and Manu.—Washing, wringing, and mangling machine. Double-acting washing machine. Models to illustrate the same.

570. Baker & Co. 55 Fore St. Cripplegate, Inv. and Manu.—A revolving mangle.


578. Gidney, J. W. Dereham, East Norfolk, Inv. and Manu.—Models of improved wire fence, and portable iron sheepfold. Ornamental castings, for gates, palisading, &c. Door, with lever spring-drop, to exclude the draught: invented and registered by M. Gardiner, of Ashill, Norfolk. Hemispherical stove: designed, registered, and manufactured by Barwell & Co. of Northampton.

577. Watts & Harens, 61 Shoe Lane, Holborn, Mana.—Fewer articles, mangles. Warmer and cooler for confectioners' counter. Collection or plate bronze. Brass castings, &c.


580. Farrow, G. 18 St. Tower St. Manu.—Alphames, &c. used in the management of wines and other liquors.


587. Farrow, G. 18 St. Tower St. Manu.—Felt, for pump valves and for shooting horses; also for polishing marble and for back collars of carriage-wheels, &c. Furnace for consuming smoke, with apparatus for producing naphtha.

588. McLean, J. Galloway House, Garlestone, Scotland, Inv.—Model of a swing door, without the use of springs or pulleys.

570. Greer, C. 2 Portland St. Brighton, Inv.—Machine for cutting bread.

571. Gray, J. Dumbar, Scotland, Manu.—Pattern of traps for killing rabbits, &c.


575. Bradshaw, R. Gt. Yarmouth, Inv.—Summer skates, adapted for a macadamised road, &c. Improved knocker, letter-plate, &c. for a door.

579. Burrows, T. Barnsley, Inv.—Bed-joint, to supersede the use of the bed-levers.

579. Cook, T. Ann St. Plumstead, Inv. and Manu.—House alarm for doors or windows, and gardens or shrubberies.

580. Armstrong, J. 90 Pollen St. Maddox St. Regent St.—Dressing and other comb.

584. Hatton, J. 30 St. James's St. Inv.—Apparatus for extracting cork.

587. Knight, T. W. 33 Regent Terr. Widcombe, Bath, Inv.—Bolt for folding doors, which fastens on the right-hand door.


597. Aylott, J. Chesterfield, Inv.—Improved patterns for Berlin work, &c. Hot water bath, gas-stoves, copper, &c.

599. Wemham Lodge Ice Co. 144 Strand, Manu.—Ice safe or refrigerator, lined with the patent glass enamel. Siphon water filter, Inv. by Alfred Bird.

600. Ghee, A. 37 Upper Gt. George St. Edgeware Rd. Inv. and Manu.—Protective siphon chimney-pot.

602. Bentley, W. H. Bedford, Inv. and Manu.—Garden irrigator; Cooking apparatus; self-acting kitchen-range; apparatus for sweeping chimneys; universal tea-kettle; alarm lock; registered stove; improved coffee-pot; and filtering cisterns.

606. Hughes & Kemery, 106 & 107 Shoe Lane, Fleet St. Manu.—Copper-plate for fine engraving, hard and polished. Steel-plate for mezzotinto engraving, invented by B. Hughes.


615. Gray, J. 11 Inverleith Row, Edinburgh, Inv.—Registered gravy-dish, for separating the liquid fat of roasted or boiled meat from the gravy at table.

616. Harris, J. Haddersfield, Inv. Pat. and Manu.—Samples of patent manu in the hand.


627. Farrow, W. Leicester.—Zinc fountain, made by hand, and without the aid of casting or stamping. Improvement for sash windows. Cylindrical bed-warmer, &c.
686 SMEATH, W. J. Watling St. Man.: Patent oven, having the heating apparatus within.
687 BUNNY & BECKETT, Mill Wall, Poplar, Dea. and Man.: Tanks for water, biscuits, oil, and paint. Cistern and barrel for oil, tar, spirit, &c.
689 HAY & Sons, 58, 54, and 56 Wych St. Strand, Man.: Door-knobs and finger-plates in brass, china, glass, &c. Dr. Arnott's ventilating chimney flues, improved.
691 NAYLOR, J. 181 Radnor St. Hulme, Inv.: Lamps for pillars resting on the ground; and for brackets affixed to the wall.
692 COX, J. 23 Grafton St. East, Man.: Surgical instruments, &c.
693 COALBROOK DALL CO. Coalbrook Dale, Inv. Des. and Man.: Iron and bronze castings. Ornamental park entrances. Statues of Sir Rowland Hill, Sir John Aherne, and Richard Pennant, principal gates, and two side gates, hung on iron pillars of new construction: each of the four gates was cast in one piece. Ornamental rustico dome of cast-iron, bronzed, 30 feet in diameter by 30 feet high; adapted for glazing, as a greenhouse, &c.; it contains an iron casing of the Eagle-slayer, and is surmounted by a statue of Eosin, by John Bell. Ornamental fountain of cast-iron, bronzed, seven feet wide by eight feet high, of Cupid and the Swan; the group forms the jet, and occupies the centre of a basin, decorated with an ornamentation of the white and yellow water-ily: English design; John Bell. Ornamental chimney-piece and grate, with decorations illustrative of deer-stalking, boar-hunting, and hawkid; enriched with a bronze group of the Death of the Stag, modelled and chased by B. W. Hawkins, general designer. Bright ornamental grate, composed of burnished and sprung steel front, with electro-gilt ornaments, novel panels and mouldings, and a marble mantel-piece: English design; C. Crockes. A large collection of stoves, grates, ranges, fenders, &c. Ornamental work. Collection of small works in foreign design; and groups and statuettes of English design, by B. W. Hawkins and John Bell.
694 MILLER & Son, Liverpool, Manchester, and 47A Mowbray St. Pet. and Man.: Miller's patent holdfast and fire-resisting safes.
695 DAVIS, C.C. 12 Walsall St. Bath, Inv. and Man.: Portable waterfall; a metal vessel of large capacity, for cleansing water-closets, sewers, &c.
696 DAVIS, J. B. 63 Bournell St. Inv. and Man.: Registered valve for steam, water, gas, or any other fluid, called a clear-way valve.
699 HAYWOOD & Son, 20 St. James's Walk, and Suffolk St. Clerkenwell, Man.: Locks; specimens of gilt and engraving applicable to fancy brass foundry.
700 FORSTER, R. 1 York Pl. St. George's Hill, Inv. and Man.: Self-acting detector lock.
701 GOLSP, J. Wellington Foundry, Charles St. City Bd. Man.: Patent rising and not-rising spring, swing, and other hinges for doors or gates.
702 BURMAH & Co. 134 Piccadilly, Inv. and Man.: Assortment of patent locks, with illustrations of their construction. Very fine ornamental iron castings.
703 GIBBONS, J. Jun. Wolverhampton, Man.: Improved locks, for doors, drawers, park gates, &c.
704 CARRINGTON & TILDESLEY, TQllenhill, near Wolverhampton, Man.: Carpenter and Co.'s, Sanders', Tildesley's, and Brillie's patent locks. Book's patent Gothic case locks. Curly-combs, horse-scrapers, &c.
706 TILDESLEY, J. Willenhall, near Wolverhampton, Inv. and Man.: Registered and other latches. Iron and brass paddlocks. Door-bolts. Mortise sash locks and latches.
707 SARRAT, S. Willenhall, Staffordshire, Inv. and Man.: Iron and brass locks, for doors, furniture, and shops.
709 AVIN, C. Wolverhampton, Inv. and Man.: Specimens to illustrate the rise and progress of the art of locks. Miniatures of cast-iron locks. Engraved by H. and F. Ansell. Original method of ornamenting tin goods and many kinds of glass.
710 YATES, H. St. John's Sq. Wolverhampton, Inv. and Man.: Locks for trunks, drawers, &c.
711 LEA, W. & J. Wolverhampton, Man.: Fasteners for windows; alarm bells; Gothic hinge; handles for locks; latches; bolts, &c.
712 STRACK, J. Salop St. Wolverhampton, Man.: Engineer's war, smithy's vice, and turner's anvil.
713 WHITEHOUSE, C. & Co. Wolverhampton, Inv. and Man.: Tubes and fittings for steam, gas, and water. A mamalated Swedish iron, for gun-barrels.
715 DOWNES, W. H. East St. Taunton, Inv.: A double-action detector lock, that can be opened only by the proper distinctive key.
716 MONTON & LANCASTER, 23 Bush Lane, City, and Wolverhampton, Prop.: General hardware, for home, colonial, and foreign markets, with imitations of foreign goods.
717 WINDLEY, J. Ashton, near Warrington, Man.: Case of wrought-iron faces.
718 WALKER, B. & P. 100 North St. Wolverhampton, Man.: Patent locks, for furniture, doors, &c.
719 PEARCE, W. 50 High St. Dumfries, Scotland, Inv.: Safety lock.
720 LEWIS, G. High Cross St. Leicester, Inv. and Man.: Lock, with newly-invented circular levers and self-dividing bitted keys.
721 BURTON, A. Ashby, Devon, Inv.: Locks on new principle, applicable for all doors, door gates, &c.
722 DOWNES, W. Long Melford, near Sudbury, Suffolk Inv. and Man.: Improved twelve-bolt lock, to be fastened on the centre of a door, three bolts shooting each way.
724 COCHRANE, A. 17 Bryantsone St. Bryantsone Sq. Inv.: Patent lock, to be entitled the "Catch-key Lock." Smoke condenser, air-conductor, and animal food and vegetable preserver.
725 BOURNE, B. Hull, Inv.: New back-fasteners, for window-shutters.
UNIVERSAL DATABASE.

678 BARNETT & SONS, 48 Bishop St. Dublin, I. - Wrought-iron double-cased safe, with secret lock. Hall-door and desk lock. Iron gate lock, for prisons, &c.

679 BARNES, R. 5 Coburg St. Inv. and Manu. - Secret drawn lock. Padlock, with key. Secret padlock, to act with dial hands.


681 BARNES & SONS, 27 Wood St. Westminster, Inv. and Manu. - Improved mortise night bolt for bed, dressing, and bath rooms.

682 TAYLOR & SONS, Loughborough, Leicestershire, Manu. - Improved bells and bell-framing.

683 MURPHEY, J. 15 Thomas St. Dublin, Manu. - Two church bells, weighing respectively about 80 cwt. and 7 cwt. cast in tune from the foundry without any artificial tuning or chipping.


685 FEATHERING, MILLER, & SAYER, 9 Clifford St. Bond St. Des. and Manu. - Fire-guards, stoves, fenders, &c. Locks, finger-plates, fire-irons, &c.

686 RODGERS & Sons, Sheffield, Manu. - Sportsman's knife, containing eighty and other instruments. Sportsman's knives, three-quarters of an inch long, containing fifty-six blades and other instruments. Specimens of table and pocket knives of all descriptions, scissors, razors, &c., showing the several stages of manufacture, from the raw material to the finished goods.

687 MOTT & HAWKES, 15 Cash Lane, Sheffield, Manu. - An assortment of shoe, butcher's, cooks', wipers', bread, palette, and many other knives, and fruit and carving knives.

688 SAWYER & Sons, 12 Edward St. Sheffield, Manu. - Frilling and budding knifes, for the use of gardeners, &c.

689 WHITELAND, 100 West St. Sheffield, Manu. - Surgical instruments and penknives.

700 BOTTLE, C. Crawford Passage, Clerkenwell, Inv. and Manu. - Patent protector gas-meter, for preventing inflammations, &c.

701 ABERCROMBIE, J. M. 20 Nelson St. City Road, Inv. - Double-action spring centre and top pivot for doors.

702 ASHMORE, H. G. School of Des. Sheffield, Des. and Modeller. - Model in plaster, for execution in silver of a plate or sideboard service.

703 ANSTOOTH, MANU ST hiện, Calvertcruez, Aldries, Scotland, Des. and Manu. - Model of novel artificial flowers, showing a new application of silver and silk combined.

704 BENTLEY, T. H. Blandford, Dorset, Manu. - Wire buttons for under clothing, manufactured solely by hand.


707 BARNES & SONS, 52 London Rd. - A variety of locks for doors, drawers, safes, &c., on various principles. Fancy keys.

708 CUNNINGHAM, J. 1 Adelaide Pl. Crayford, Kent, Prod. - Metallic casts for printing plates, sash bars, fancy paper, card backs, &c. patented.


710 BELL, J. Sheffield. - Silver fruit knives.

711 BARRINGTON, H. Howard St. Birmingham, Manu. - Mother-of-pearl studs and buttons, black pearl ditto. Slides, and ornaments for dress, &c.

712 BOAKE, J. F. 11 and 12 Wellington Quay, Dublin, Inv. - Model of signal post; signal lantern; lighting cases, &c. Table lamps, with pilasters made of boy oak.


714 BIDDLE, G. A. 22 Montpelier Sq. Knightsbridge, Inv. and Manu. - Gas burners, which regulate themselves to the pressure, keeping the flame at any desired height.

715 COTTAM & BALLETT, 18 Winley St. Inv. and Manu. - Enamelled motto, rack, and water trough, for horses. Park gates. Designs in iron for statuary and fencing, &c.

716 CARWICK & HUNSON, 188 and 189 Gt. Charles St. Birmingham, Des. and Manu. - Electro-plate on German silver : waiter, liqueur and cruet-frames, salad or fruitstands, sugar, cake, fruit and card-holders, &c.

717 CHAMBERS, G. & Co. Studley, Warwickshire, and 14 Gresham St. London, Manu. - Needles in their different stages, from the rough material to the finished article. Fancy needle boxes, crochet cases, &c.

718 CULVERWELL, W. 16 Charlotte St. Blackfriars Rd. Inv. - Registered portable domestic vapour bath.

719 CORNHORT, J. Berkeley St. Wire Mills, Birmingham, Manu. - Specimens illustrative of the manufacture of iron and other wires. Steel-wire. Soft and hard tinned wire. Copper tinned wire. Wire-works of various sizes and forms.

720 COMESON, J. Melrose, Scotland, Inv. and Manu. - Slides ball-cock, capable of standing a great pressure of water.

721 CARVER, D. Leek, Prop. - Alarm lock; on an attempt being made to pick it, a bell rings, and when the bolt is shot a pistol is fired.

722 DAVIS, J. 163 Upper St. Lambeth, Inv. - A clear-way valve or cock: registered.

723 DAVIES & DUNMORE, South Town, Yarmouth, Inv. - Working model of a stone filter, in a slate cistern.

724 FITCH, T. Eliza St. Belfast, Ireland, Prop. - Registered model fire-box, with hollow fire bars, for locomotive and other furnaces.

725 FITCH, T. Belfast, Prop. - Fire bars, for locomotive and other furnaces, &c. Registered by James Fitch.


727 GREEN, F. W. East Rd. City Rd. Inv. and Manu. - Safety and other locks. A simple and cheap spring hinge.


729 HOARE, C. 32 Duke St. Manchester Sq. part Owner and Agent. - Carson's patent meat preserver, to salt a joint in ten minutes.

730 HOARE, T. Cleveland St. Birmingham, Inv. and Manu. - Collection of hinges for the American market, &c.


732 HOARE, W. Fisher St. Birmingham, Manu. - Bright and tinned, round and oval, frying-panns and bake- pans. Havana sugar-moulds, &c. for roasting, sugar,
UNITED KINGDOM.
Class 22. General Hardware, including Locks and Grates.

770 Hopkins, R. P. Woodhouse, Dorset, Des.-Open fancy brass front-door knobs, lined with china and opal glass. Finger-plates, lined with silvery enamelled blue glass.

771 Huffer, J. 20 Wilderness Row, Clerkenwell, Inv. and Manu.-Detecting and chest lock, secret action. Locks for secret purposes.

772 Hughes, H. 78 Charles St. City Rd. Inv.-Patent gas-figuring machine.


774 Hardisty, W. Providence St. Wakefield, Inv. and Manu.-Machine for washing, wringing, and mangleing.

775 Hurst, J. Ridgeway, Sheffield, Manu.-Specimens of iron and wood, fixed together under water or steam-power hammer, for soyas, &c. Street door and window protection, of cast iron and wood. Berkshire hook, for cutting down the harvest. Pair of cart axes, with revolving spherical bushings, to reduce friction. Cutting instruments, with cast-steel edges.


777 Jeakes, W. 51 Gt. Russell St. Inv. Des. and Manu.-Improved ventilating stove, the heating surfaces of which are composed entirely of pure fire loam. Improved stove, to be fixed in the chimney-piece, exhibited by Mr. Thomas, of Paddington.


779 Knight & Foster, 5 Eastcheap, Inv.-Paton steel pens; Bank of England pens; swan pens; correspondence pens; anti-corrosive pens.

780 Kirby, Brant, & Co. 46 Cannon St. Manu.-Pins, all of one piece, made at Gloucester. Needles and fish-hooks, made at Crondon, Bucks.


784 Loxley, Wilson, & Bell, Newcastle-upon-Tyne, Manu.-Cast-iron gas pipe, 56 inches diameter, and of an inch thick, moulded by machinery.

785 Leach & Allbright, 4 Lichfield St. Soho, Des. and Manu.-Cakes and jelly moulds.


789 Mitchell, J. Redruth, Cornwall.-Improved pistol, Newly-invented safe lock.

790 Moor, E. Emily, Bere Regis, Blandford, Dorset, Manu.-Fine thread shirt-buttons, manufactured by the hand.

791 Murrell & Parker, Rockinghamshire St. Sheffield, Manu.-Carpenters' braces and centre bits; spirit levels, gauges, saw pads, augers, and other tools.

792 Naund, E. 370 Oxford St. Prop.-Cast-iron vase stove, radiating vertically; smoke descending.

793 Navey & Bates, W. L. Birmingham, Manu.-Door-lock keys, in different stages of manufacture.

794 Newn, W. G. 22 Moor St. Soho, Inv.-Patent till, to prevent fraud, &c. Fire escape. Flexible cement, to fasten metal, marble, glass, &c. to wood, or to each other.

795 Nickell & Smith, 57 Bradford St. Birmingham, Manu.-Copper, brass, and iron weaving; fine drawn brass and copper wire; strong iron weaving; brass wire cloth, as used for paper-making machines.


797 Price & Sons, Dorrington St. Birmingham, Des. and Manu.-Bronze urns and swing tea-kettles, of new designs.


799 Rowse & Hoole, Green Lane Works, Sheffield, Manu.-Cast-iron register-stove, invented and registered by Sir John Finlay, Buchanan Street, Glasgow, for curing smoky chimney, and economising the consumption of fuel. Other stoves, fenders, &c.

800 Rosse, J. W. 88 St. James's St. and 1 Nottingham St. Dublin, Inv. and Pat.-Dedolizing chamber, for use in public places; the pest charcoal used is converted into a most valuable, dry, inodorous manure. Portable kiln, for malt, grain, hops, &c.

801 Sears, R. 2 York St. Middlesex Hospital, Des. and Manu.-Coffee filter and small cooking apparatus, with spirit lamp.

802 Stewart, C. Bell St.-A playing ornamental fountain.

803 Shear, S. & S. Sheffield and Attercliffe, Manu.-Shovels and spades for various uses. Draining-tools.

804 Smith, Kemp, & Wright, 165 Bresley St. West, Birmingham, Manu.-Buttons of gold, silver, brass, gilt, papier-maché, mother-of-pearl, &c. Registered shirt studs of silver, gilt, and black enamel, chased, enamelled, and engraved.

805 Sturman, W. Birmingham, Manu.-Electro-silver and gilt services; table and chamber candlesticks; cake-baskets; crumb-frames; mounted jugs; spoons; forks and knives.

806 Shears & Sons, 27 Bankside.-Inv. and Manu.-Patent dry gas meter.

807 Sykes & Sons, Newcastle-upon-Tyne, Manu.-Baliffe's patent valute springs, for railway and other purposes.

808 Tongue, J. 315 Oxford St. Des. and Manu.-Ornamented iron bedsteads, of the Italian order, with registered spring lathe bottom.

809 Turner, Harriet, & Co. Sheffield, Manu.-Fire-irons of various descriptions, elaborately cut and ornamented.

810 Turner, E. W. K. 31 Fredo St. Paddington, Inv.-Model to illustrate the application of centrifugal force to the purification of water, for the supply of towns, &c.

811 Terry, R. & Son, Temple St. Wolverhampton, Manu.-Copper, tin, and japanned wares.

812 The Patent Pointed Screw Co. Wolverhampton, Manu.-Patent pointed screws, cast out of malleable iron which can be driven into wood without boring holes.
UNITED KINGDOM.

Class 23. Works in Precious Metals, Jewellery, &c.

1. ELLIOT TO & MASON, New Hall-street, Birmingham.—Specimens of electro-plated candelabra, tables, vases, table-wares, &c.


3. REID & SONS, 14 Grey Street, Newcastle-upon-Tyne, Manx.—Silver goods. Chased claret jug, basket, and tea and coffee service; pierced and engraved basket, centre-piece, &c.

4. PAYNE & SONS, 21 Old Bond St. Bath, Prod.—Vase in silver, after a antique in the Capitoline Museum.

5. WALL, T. Stokes Croft, Bristol, Des. and Manx.—Original design in hair-work. Ladies’ guard; bracelets, &c.

6. GREENWELL, J. Whitby, Manx.—Silver tea-pots, coffee-pots, and tea-keggs, weighing together, only 140 grains.

7. GREENHAM, J. Whitby, Manx.—Jet necklaces, bracelets, brooches, candlesticks, pincushions, likeness-stand, ear-ring. Bohun jet, &c.

8. TOOKER, J. T. Exeter, Inv.—Registered universal brooch protector.

9. HARDING, J. St. David’s, Exeter, Des. and Inv.—Gold and silver bracelets, with secure snap.


11. SHEREY, W. R. Queen St. Exeter, Manx.—Silver gravy, table, dessert, tea and other spoons; knives and forks; sugar-sifter, sugar-tongs, &c. Model of machine and dies.

12. WARD & SONS, J. Dublin, Manx.—Jewellery, embellished with Irish pearls and other gems, copied from ancient Irish ornaments.

13. COWELL, D. 10 Nassau St. Dublin.—Cop, carved, with designs from scenes at Donnybrook fair, brooches, bracelets, &c., of Irish bog oak, mounted in Wicklow gold and Irish diamonds. Book-stands, card-cases, &c., of amethyst wood, from the lakes of Killarney.

14. MOSLEY, J. 46 Wicklow St. Dublin, Des.—Carved basket, in white and red Irish bog yew, with subjects 15 altorelievo.

15. WATERS & SONS, G. & S. 25 Dame St. Dublin.—Registered brooches, adapted to cloaks and shawls, from the mineral products of Ireland.

16. NICKL, W. Prince’s St. Edinburgh, Manx.—Gold pen, pointed with iridium.

17. WORTHINGTON & SONS, 17 Queen St. Edinburgh, Manx.—Highland dirk, Caithness stone. Letter presser, with silver deer handle.

18. MARSHALL & SONS, 87 Gt. George St. Edinburgh, Manx.—Accouterments for a Highland dress, with chased silver mountings studded with carbuncles and caernorns. Silver claret jugs, of antique shape and figure. Scotch pebble trinkets and jewellery.


21. RAID, W. 72 Argyle St. Glasgow.—Scotch ram’s head, mounted as a snuff-box and cigar-case.


25. WILKINSON & SONS, 15 Gt. Hampton St. Birmingham, Manx.—Electric silver plate upon German silver: Centre-piece, candelabra, flower vase, tea-urn, venison-dish and cover, &c.


27. COLLIN, G. R. Church St. Birmingham, Manx.—A solid silver table-top, 55 inches in diameter, weighing nearly 900 ounces, for the Governor of Aleppo. Solid silver salver; centre ornaments; branches; tripod candelabra; and a large number of specimens of silver work.

28. HAWKESWORTH, EYES, & Co. Sheffield, Des. and Manx.—A silver centre-piece, with tripod stand. An assortment of articles, plated on German silver, and electro plated, with silver embossed edges and ornaments.


30. HARRISON, T. Sheffield, Manx.—A large collection of useful and ornamental articles in electro-plate on imperial metal and nickel silver.

31. DIXON & SONS, Sheffield.—Scultured silver candelabra and épergne, with crystal glass, weighing about 750 ounces; designed by V. Nicholson. Silver and gilt coffee and tea service, with silver salver modelled from a leaf of the Victoria Regia; and other articles in silver and in best Sheffield plate.
UNITED KINGDOM.

40. Roberts & Hall, Sheffield, Man.—Electro-plated teapots, urns, kettles, and tea services; liqueur and crust frames; salvers; bookends, candlesticks, &c.

42. Pickles, F. & Co., Stafford, Staffs.—Specimens of silver plated goods of the best quality, plated upon German silver in the ingot, with illustrations of the mode of plating, &c.


46. McGee & Moore, M. Part, Man.—Ram's-head, mounted as a snuff-box and cigarette-case.

47. Myers & Mortimer, George St., Edinburgh, Scot. and Man.—Ornamental Highland regimental Tartans and kilts. Dirks, purses, brooches, &c.

51. Biren, J. & F. 37 Cheapside.—Solid gold seals and signet rings. Library seal, fine cairngorm, engraved with the arms and badges of the Prince of Wales. Engraving on stones, steel, &c.

53. Woodruff, T. A. Albion Rd., Holloway, Prop.—Chased silver plate.—Death on the pale horse, after West. The silver 1f2d. part thick.

54. Rawlings, G. 35 Portland Rd., Regents Park, Man.—Imperial miniature frame, mounted and engraved; imitation of old-mold.

55. Millet, W. 17 Ouseburn St., Somers Town, Man.—Embosed and chased silver—subject, Aurora, or the hours, after Guido; bronze, after the Trescau shell.


57. Mortimer, W. H. 13 Harley St. Cavendish Sq., Inv.—Mechanism for rectifying irregularities in the growth of the teeth.

58. Cleak, W. 50 Poland St., Oxford St., Man.—Specimen of working in human hair. A woman, W. 16 Charlotte St., Fitzroy Sq., Man.—Old-mold miniature frame, set in crimson velvet.

59. Lowenthal, A. D. 1 Devereux Court, Strand, Scot. and Man.—Silver flasques ancient incense urn, &c.


66. Wernerd, G. V. 1 Gloucester Pl., Prospect Row, Islington Rd. Inv. and Man.—Specimen of setting for brooches, watch-protectors, &c. actuating double spring swivel.

68. Wolley, L. J. 45 Upper York St., Bryanston Sq., Scot. and Man.—Desk seal, mounted in gold, set with turquoises, surrounded with large pearl, &c.

69. Gowland, T. Inv.—Spring catch fasteners for brooches and bracelets.

70. Baxwell, W. 52 Red Lion St., Clerkenwell, Artist in Hair.—Specimens for lockets, brooches, &c.


72. Smythe, E. & J. 40 Gerard St., Soho, Prop.—Small gold vase, with portraits of Her Majesty and Prince Albert on enamel; imitated from cameo, by J. Haslem.

73. Howe, H. T. M. 116 Picadilly, Prop.—Casket, containing a blue diamond, weighing 177 grains, mounted as a medallion, surrounded by brilliants, and supposed, from its size and colour to be unique.


75. Campbell, A. 43 Tottenham Court Rd., Inv. Des. and Man.—Cornoopies, being a brooch, flower-holder, and watch protector.

77. Fossum, E. 19 Queen St., Haymarket, Man.—Silver-gilt table-spoon, representing Jenny Lind as Alice in Robert le Diable. Silver snuff-box.


79. Bons, H. 13 St. Newmarket, St. Leicester Sq., Des. and Man.—Medallions, engraved in intaglio, representing the heraldic devices in intaglio enamels, on gold and silver, of the nation's whose works are shown in the Exhibition.

80. Zimmermann, G. & S. 39 Old Bond St., Man.—Porphyry and malachite casket, mounted in ormulu, with corners set with gemms. Silver statuettes of the Queen, and Prince Albert and of Charles the First.

83. Gass, S. H. & D. 166 Regent St., Prop.—Silver dessert service, of novel character and design, modelled from nature, with water plants in Kew Gardens. Centre pieces; vases; christening cup, with figures by Redgrave. Silvered and enamelled dish set, in Elizabethan style. Brooch, in the style of jewels of the cinque-cento period. Carboule and diamond bracelets, with portraits of Her Majesty and H.R.H. the Prince of Wales, after Thornburn, executed in silver, chased by J. J. Walker, designed by J. J. Walker; bracelet, designed by Manville; and other articles of jewellery. Large vase, composed of human hair: executed by J. Woodley, 31 Curzon Street.

84. Paravaglia & Caseg, 3 Brabant Court, Philpot Lane, Imp. and Man.—Branch of natural rough coral, of great size and value. Carvings, bracelet, necklaces, and cameo in coral.


88. Adams, G. W. Hosier Lane, Man.—Dessert service, silver gilt; the same, in silver. Knives, forks, spoons, and various other articles in silver.


90. Hermann, A. 4 Oxenden St., Haymarket, Des. and Man.—Laurel wreath, with imitation of lace, cut with scroll. Bouquets of various coloured hair, in a new style.

91. Wheeler, G. M. & Co. 28 Bartlett's Buildings, Holborn, Man.—Jewellery and trinkets; specimens showing the progress of a gold bracelet from the pure metal to the complete article.

92. Harvey & Co. 196 and 198 Regent St., Prop.—Silver candelaarms, claret and water-jug, from the antique, from designs by Flaxman, &c. Statuettes of Mercury, designed by Woodington, &c. Gold watch, invented by S. Boreham, to beat seconds, and to strike at the minute or 1th second.

93. Walker, J. 48 Prince's St., Leicester Sq., Man.—Drawing-room clock, designed by C. Grant, with subjects by G. Abbott, in electrotype case, with base and pedestal of turquoises blue glass.

94. Smily, W. R. 9 Camomile St., Man.—Richly chased silver coffee-pot, designed by King, chased by Worster. Child's mug, with Wilkie's Blindman's Buff, chased by T. Edwards; another designed by Percy.

95. Dawes, E. & Co. 46 Bow Street, Soho, Des. and Man.—Royal arms, &c. of England since the Conquest, engraved on different metals, and embossed with sealing wax.

96. Robinson, W. 70 Wynyard St., Clerkenwell, Man and Pat.—Gift clock-case, made of electrotype deposited plates, electro-gilt. Other articles showing the uses of electrotype in manufactures.
UNITED KINGDOM.

CLASS 24. Glass.


98 Garrard, R. & S. Panton St. Haymarket.—Neu- tities cup, tankards, swans, tea and coffee services, candelabra, centre pieces, table ornaments, and other specimens of gold and silver plate. Jewellery: suites of opals and brilliants; sapphires, pearls, and brilliants; rubies and brilliants; tiaras, bracelets, &c.


100 Fowke, A. Manu.—Ornaments worked in hair and gold.


102 Gray, J. 5 Billiter Sq.—Series, illustrative of the manufacture of plated articles from metal plated in the ingot.

103 Lamont & Rawlings, Coventry St. Prop.—Cande- labrums and dessert centre in silver. Silver wine flagons. Soup tureens and stands. Ruby glass cups, after the antique, &c.


105 Marshall, E. S. 31 John St. Tottenham Court Rd. Mann.—Gold-leaf and layers of gold. Illustrations of the malleability of the various metals. Gold bosters' skin.

106 Waterston & Brooker, 15 Henrietta St. Covent Garden, Mann.—A fine old standard gold jewellery vases. Gold brooches, necklaces, chains, seals, and rings.

107 Mosley & Co. 8 Hatton Garden, Mann.—Gold pens tipped with iodium, and silver pencil-cases, pen-holders, &c.

108 Fowke, W. 54 Strand.—Silver-grosh-water dishes, by Wagner of Paris, being his last work.

109 Castiglione, H. J. 36 Red Lion St. Clerkenwell, Des. and Mann.—Chambers. Henry VIII. and Francis I. at the field of the cloth of gold, after Holbein, Titian, &c.


111 Angella, J. 10 Strand, Des. and Mann.—Groups in silver, Arab merchants halting in the desert; Sir Roger de Coverley and his ladies; equestrian. Chased shields: The battle of Alexander and Darius; Salver: The Labours of Hercules, &c.

112 Hawke, C. F. 38 Bruton St. Berkeley Sq. Mann.—Ebony, inlaid silver table and vase. Groups in massive silver, modelled by Baron Marochetti, the dogs by Mac- artby, &c.


115 Houy, F. 60 Kirby St. Hatton Garden, Des. and Manu.—Table and dessert cutlery. Silver table and other spoons and forks.

116 Mott, W. 38 Cheapside, Prop.—Gold and silver ever-pointed pencils, in various styles, set with jewels.

117 Monson, J. V. & Co. 7 Farington St. Regent St. Mann.—Equestrian statues of Queen Victoria, embossed with the hammer, on silver. Centre-piece, in silver, of elaborate design. Oriental agate cups. Lapis lazuli cup. Vase, in rock crystal, mounted in gold and enamel, &c. Bouquet, composed of diamonds, and a great collection of rubies, separating into several different ornaments, &c.


120 Swan, T. 27 Burton Court, Mann.—Shakespeare cup, with subjects from Lear, Julius Cesar, The Tempest, Othello, Hamlet, and Macbeth. Electro-plated ware.

121 Kears, J. 69 Britannia Ter. City Rd. Mann.—Communion services, consisting of flagons, chalices, patens, and offertory dishes.

123 Down, P. G. 79 Cornhill, Prop.—Silver tea and coffee service, with basse-relievo figures. Etruscan silver tea and coffee service. Silver claret jugs, &c.

124 Lex & Son, Salisbury Court, Mann.—Silver claret jugs, coffee-pots, tea-pots, sugar-basins, cream-jugs, custard-frames, salt-collars, &c.

125 Stoddard & Son, Coventry, Mann.—Chalices, pat- tines, &c. after examples of the eleventh to the fifteenth century. Ancient modes of binding in silver. Offertory dish; centre from design by Overbeck.

CLASS 24. Glass.

4 Kidd, W. 19 Poland St. Oxford St. Inv. and Mann.—New process for illuminating, embroidering, and silvering flat surfaces in glass. The designs are engraved on the under side of the glass.


8 Ferrer, R. Lewis, Inv.—A reliquary, or box, for small articles, made of alpaca of glass.

9 Wood & Emens, Worsbro' Dale, near Barnsley, Mann.—Glass vases. Ruby decanters, and stand forming a separate fruit and flower vase. Glass inkstand and water-box.

10 Moleinbeer, Wib, & Co. Manchester, Mann.—Specimens of cut, engraved, and coloured glass, consisting of jugs, goblets, decanters, finger-basins, glasses, flowers and other vases, dishes, centre pieces, &c.

11 The Alice and Caleb's Bottle Co. Brefft, Edgar, Castleford, near Pontefract, Mann.—Bottles for
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Class 24. Glass.

dispersing and general purposes, with patent hollow cork* and combination stoppers. Glass tablets, with inscription in glass. Glass insulators, for electric telegraphs.

18. Hawkins, Elsin, & Dower, 1 Cockspur St. Manu.—Chandelier of cut glass, carrying thirty-two candles.

19. Swartza, J. 7 Lemon St. Union St. Southwark, Des. and Manu.—Dessert dish, with ornaments, cut out of a solid piece of glass.


22. Gascoigne, G. Anna St. Waterford, Ireland, Manu.—Knives, or ornamental centre stand for a banquetting table; consisting of forty pieces of cut glass. Decanters, vases and covers, designed and executed at the Waterford glass works.

23. Davis, Greathead, & Green, Stourbridge, Manu.—Cut glass decanters, water jugs and goblets, ruby centres and lustres, with ruby and flint drops and enamelled; coloured hook, and other wine-glasses. A great variety of ornamental vases; white, opal, frosted, Mazarine blue, hom, and tops; painted, enamelled, cut, and engraved.

24. Wood, T. Stourbridge, Eng.—Blue-cased dish. Champagne bottle; stained ruby bottle; flint decanter; tumbler; ruby hock glass, &c.

25. Wills, Glass Works, near Stourbridge, Manu.—Various patterns of glass, consisting of bowls and pedestals, dishes, ice-pails, pine-stands, decanters, flower-vases, pedestal lamps, lustres, &c.


27. Bacon & More, Birmingham, Manu.—Glass flower-stand, with vase and cornucopias; vases; decanters; tasses; wine glasses, champagne glasses, and goblets; claret jug, &c.; white, coloured, and cased, cut, engraved, enamelled, &c.

28. Oxley, F. & C. 44 Oxford St. and Broad St. Birmingham, Manu.—Candelabra (a pair), in richly cut crystal glass, carrying fifteen lights, each eight feet; the property of Her Majesty. Crystal glass candelabrum, supported on three griffins, in frosted glass. Large table candelabra, in crystal glass, with prismatic shaft. Large lustres, richly mounted, with crystal prisms. Busts of Her Majesty and H.R.H. Prince Albert. Shakespeare, Milton, Scott, and Sir Robert Peel, in frosted glass.

29. Hancocks & Sons, Hillington Glass Works, Birmingham, Manu.—Pressed and moulded glass tumblers, goblets, wine glasses, sugar basins, butter coolers, door knobs, &c. Specimens of various articles in flint glass, cut and engraved. Ornamental glass, of various colours. Gilt and enamelled, cut and engraved, consisting of tassels, liqueur services, compotters, toilet bottles, claret jugs, vases, &c. Specimens of colours, combined by casing or coating. Specimens of thread or Venetian glass.


36. Vizetti & Beaumont, Fleet St. Manu.—Ornamented glass ware for architectural purposes, furniture, lamps, gas fittings, &c.


39. Sanderson & Son, 9 Brooks St. Holborn, Des. and Manu.—New partition glass, for Seidlitz and other evaporating powders.

40. Oxley, T. J. 70 Union St. Southwark.—Glass diabas, showing glass-cutting in three different stages, viz. cutting, smoothing, and polishing.

41. Powell & Sons, Whitefriars Glass Works, Manu.—Painted, and patent pressed glass for windows. Glass pipes with patent joint. Chandelier and Glass pump with the same joint. Éperges, glasses for scientific purposes.

42. Gower, J. G. 19 St. James's St. Piccadilly Des. and Manu.—Samples of services of glass, engraved in Greek style. Large Étruscan-shape jugs. Pole fire-screen, with glass screen and pedestal, gilt, &c. Or-molu and silvered glass chandelier, &c.


45. Perry & Co. 73 New Bond St. Des. and Manu.—Large cut glass chandelier for 144 candles, showing the style of glass-cutting of the 18th century, and modern improvements.


47. Davis, G. 20 Wyndham St. Bryanstone Sq. Des.—Painted marbles, opaque, on glass. Adapted for interior decorations, as panelling church altar work, ceilings &c.
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Class 25. China, Porcelain, Earthenware, &c.

49. Davies, W. J. 7 Broadway St. Blandford Sq. Des.—Opaque paintings on glass: Flowers and vase, and Angel rising from the clouds.


51. Halcott, J. W. Bristol. Manu.—Ornamental cut-glass window; embossed British plate, for ornamental doors; &c.; ornamental leaded stained-glass window.


53. Thompson, Mrs. Ann, 57 Devonshire St. Portland Place. Glass medallion, the subject after Cipriani: Fortuna, and her aspiring sons.


56. Price, T. Bridge Rd. Lambeth. Des. and Inv.—Painted glass door, a specimen of the application of painting on glass to ornamental decoration.

57. Beswick, W. Colchester. Essex. Des. and Manu.—Glass picture-frame, original design; the glazing being completely protected.


59. Eversfield, H. 2 West St. Pimlico. Inv.—Tabletops, in imitation of glass Mosaic work.

60. Bland & Co., 35 Lissom Grove North, Marylebone, Des. and Manu.—Essential painted windows; Roman figured ornaments, adapted to modern decoration.

61. Burt, T. T. 56 Welbeck St. Cavendish Sq. Des. and Prod.—Stained glass. Compartments of a window for an ecclesiastical building of the second pointed period. Specimen of diatomaceous painting, executed in Miller's silica colours, representing a design for the arms of the arts, and national gallery of painting and sculpture.

62. Chance Brothers & Co. Glass Works, near Birmingham, Manu.—Dielectric apparatus of the first order, for lighthouses, with brightened lenses and cutting-in in glass, constructed according to the system of Fresnel. Painted windows: leaded work, with medallions and ornamental work of the early Gothic style, and in the style of the fourteenth century. Flowers painted and enamelled on a large plate of glass, the glass having been burnt in a kiln four times, &c.

63. Collis, G. R. Church St. Birmingham. Des.—Chandeliers, in glass cut on both sides, enamelled in various colours, relieved with burnished gold, begun by the late George Grundy, for George IV., and completed by Collis & Co.

64. Cottingham, N. J. 43 Waterloo Bridge Rd. Des.—An eagle lectern, wrought brass, and an alto-relievo for the Lady Chapel of Hereford Cathedral.

65. Forsyth & Brosley, Liverpool. Manu.—Stained glass windows, representing the figure of St. Wilfrid. Glass chimneypiece.


70. Harvey, J. & Co. Sunderland. Manu.—Patent rough plate, one thickness of an inch thick, or 30 oz. to the foot, for ridge and skylight roofing, &c. Model section of ridge and skylight roof, glazed with same, in squares 63 by 18 inches. For ridge and skylight roofs, without a laid-joint in the glass; the exhibitors claim originality. Models, &c. illustrating the manufacture of crown and sheet glass. Specimen windows of patent rolled coloured glass. Specimen of stained glass borders. Glass for horticultural, dairy, and railway purposes, &c.

71. Holland & Sons, St. John's, Warwick. Des. and Prod.—Fine Specimens of stained glass, for perpendiculard, and Elizabethan style.


73. King, J. Upper, Brook St. Ipswich. Des. and Inv.—Design of stained glass, adapted for a church.

74. Martin, G. 1 Boxford Terrace, Harrow Road. Paddington. Des.—Stained-glass window, Saint George and the Dragon, standing under a Gothic canopy of the decorated period.


76. Oliver, F. & C. Oxford St. and Broad St. Birmingham, Manu.—Large fountain, in cut crystal glass, twenty-seven feet high (at the intersection of the main avenue and tramway).


78. Toms, J. High St. Wellington, Somerset. Manu.—Painted window: St. Mary Magdalen. Natural forms of plants, applied to the decorative portions of a mosaic glass painting.

79. Wallace, Miss.—Specimens of Miss Wallace's patent glass decoration, as applied to architectural embellishment, looking-glasses, picture-frames, and furniture.

Class 25. China, Porcelain, Earthenware, &c.


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Class 25. China, Porcelain, Earthenware, &c.

Marochelli, Camberwell, J. P. McBrine, John Steel, E.A. Mrs. Thornewycroft, &c. with a large collection of vases, tasses, and platters; tins and table-ware, in porcelain; samples of common printed earthenware; and specimens of fine crystal glass and cut-glass engraved.


Kendy, W. S. Burslem, Staffordshire, Man. —Articles in china and earthenware: Mortise-lock furniture for doors of drawing-rooms, &c.


Finden, Bourne & Hope, Burslem, Staffordshire Pottery, Man. —Marblar blue ground and richly gilt sofa-tureens and stand. Cover-dish. Dish, plates, ewers, &c.

Hillnecw & Howell, Newcastle-under-Lyme, Stafford, Des. and Inv. —Specimens of tea-table ware. Centre piece on pillar, with embossed vine border; grapes suspended from the handles, &c.

Drake, J. Longton, Man. —Silver lustre articles.

Till & Son, Burslem, Staffordshire, Man. —Specimens of earthenware; chamber ware, dinner and tea services. Stone and earthenware jugs.


Southern, W. Bursley, near Iron Bridge, Shropshire, Man. —Tobacco-pipes, the superiority of which consists in the preparation of the clay, giving the article a more porous quality.


William, T. Woodhatch, near Belgate, Man. —Vases, for flowers, entirely by hand of clay of the lower green sand formation.

Glover & Colclough, Longton. —Gold and silver lustre earthenware, useable jugs, &c.


Bough, J. Derby Pottery, near Derby, Man. —Articles manufactured from fine stoneware clay. Garden labels, &c.

Sharpe, Brothers, & Co. Swadlincote, near Burton-on-Trent, Man. —Specimens of Derbyshire ironstone, pottery, Bockingham ware, and printed earthenware.


Allen, J. M. 14 Catherine St. Strand, Prod. —Painted and gilt China dessert plates.


Articles in Parian, and specimens in terra cotta.

Brameld, J. W. 7 Coburg Pl. Baywater, Man. —Joe pail of Bockingham china, with enamel painting of Bird-trap, and Charity. Vase, subject; Champion, after Webster. Grape basket. Cup and saucer, of the original Bockingham glass, &c.

Lippsome, & Co. 93 Regent St. Des. —Fountain, the basin of cut glass, the pedestal of Carrara marble, with a Cupid, in biscuit china, supporting a marble cup. Filtering machine.


services, tea-services, tripod épergne, flowers-vasé, small coffee sets, clock-cases, and flower-vasé. Group of figures, &c. in Parian. Large porcelain egg-shell bowl, &c.

66 Bowes, T. & M. L. 47 St. Martin's Lane, Manu.—Dinner and dessert plates, specimens of enamelling and gilding on stone china. Specimens of painting and gilding on porcelain. Various articles in glass.

67 Granser, J. 35 Upper Thames St. Half-Prop.—Papworth's range, for furnishing, manufactured in chins or earthenware, for large saloons and conservatories, supplied by the high-water services.

68 Danks, A. R. & R. P. 18 Wigmore St., and 129 New Bond St. Des.—Dessert services, executed at the Colebrooks Dales china manufactory.

69 Pearson, 12 Norton St. Portland Pl. Inv.—Vessel to contain liquors admitting of atmospheric pressure on the fluid without bringing it in contact with the atmosphere itself.

61 Lockett, G. Bleak Hill, Cobridge, Staffordshire, Prod.—Various specimens of ware, exhibiting examples of hard klin, and of enamel colours.

64 Sherburn, H. Wolstanton, Newcastle-under-Lyme, Des. and Engraver.—Specimens of the ordinary style of engraving, as applied to the decoration of earthenware manufactory. Plates printed by Joseph Wedgwood and Sons.

67 Earls & Graves, Mashborough Pottery, Rotherham, Yorkshire, Manu.—Painted ibis, exhibiting specimens of Yates's patent porcelain letters.

66 Lox, J. Pottery, Rotherham, Yorkshire, Manu.—Sign-board, with porcelain letters.


11 Buxton, M. 149 High Holborn, Manu.—Improved roller-blind; cornice-pole; picture-rod; map-roll and rack; improved stair-rods, and brass poles and ends.

12 Quaif, J. 57 Devonshire Pl. Portland Pl. Des.—Desig. for a colossal time-piece, adapted for silver or bronze manufacture.

13 Eady, E. 16 Chester Ter. Chester Sq.—Ornamental rustic oak chair. Miniature chair and stool.

14 Riddle, T. 54 Wells St. Oxford St. Manu.—Invalid wash-stand, for persons confined to bed, forming a small table.

15 Bowes, J. M. & T. 165 Piccadilly.—Patented suspensory chair, for forming a couch or camp bed.


17 Thewle & Co., Catherine St. Strand, Manu.—Slate-top billiard-table, made of Spanish mahogany, with patent cushions.

18 Bory, Euston, Wellesbourne, near Stratford-upon-Avon, Des.—Harlequin chintz cushions stuffed with hair, with mothece. Mahogany carved miniature sofa. Horse-radish sauce. La sauce stomatlique, for game, meat, and made dishes.


20 Castle, J. Beverley, Des. and Manu.—Elizabethan wash-stand, New pattern wash-hand stand, of English oak, &c.

21 Hutchinson, E. High Wycombe, Buckinghamshire.—Oak antique arm chair, with carved ornaments, stuffed seat and arms, silk velvet. The carved work by E. Hutchinson, jun. self-taught.

22 Lovewroxe, H. jun. Slough, near Windsor, Inv.—Portable expanding chair, of English ash, with cane seat and back. Portable sofa chairs.

23 Fleay, J. Tenterden, Kent, Inv. and Manu.—Bedpost, specimen of spiral turning with a common lathe and sliding apparatus.

24 Graeme, F. C. Banbury, Manu.—Carved bread platters. Ladies' work-table, with needlework frame of English walnut, &c.

25 Sparke, T. Farthinghoe, near Banbury, Manu.—Table, convertible into a bedstead, wardrobe, suits of drawers, sponge bath, &c.

26 Everitt, J. Tunbridge, Kent, Manu.—Ottoman, convertible into a chair, with commode. Invented and patented by Everitt and Osborne, Tunbridge, Kent.

27 Lyne, W. Marlborough, Wilts.—Agricultural machines to plough, sow, mow, and roll the land in immediate succession. Stove, which will bake, roast, boil, broil, fry, heat plates, &c. at the same time. Iron compressed bedstead. Compressed chairs and table.

28 Sneath, G. Bolsover, near Chesterfield, Derbyshire, Des. and Manu.—Carved royal heraldic chair, of native oak; the artist self-taught.

29 Lacey, W. Marlborough, Wilts.—Agricultural machines to plough, sow, mow, and roll the land in immediate succession. Stove, which will bake, roast, boil, broil, fry, heat plates, &c. at the same time. Iron compressed bedstead. Compressed chairs and table.

30 Gris, T. Sherborne, Dorset, Des. and Manu.—Model of an extending dining-table on an improved principle.
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32 Howe, R. 41 Gracechurch St. Mann.—Registered room decoration. Paper-hangings in imitation of wood.

33 Fowkes, G. East Bedfor, Notinghamshire, Des. and Manu.—Panels, painted in essastic and in imitation of inlaid wood, for doors of drawin-rooms and decorated apartments.

34 Humson, J. East Bedfor, Notas. Prop.—Rustic chair, designed and made by W. Marsch, of Bedford, a labouring bricklayer, of knots of wood from the famous Sherwood Forest.

35 Liker, S. East Bedfor, Nottinghamshire, Inv. and Manu.—Maple and mahogany easy chair, with new and simple method of adjustment.

36 Winterboth, J. Hackney Ed. Inv. and Des.—Selfacting inlets, in case of spontaneous combustion; fire extinguisher and fire escape; warm bath. Carving in Italian walnut-tree.


38 Ashmore, T. 34 Newman St. Oxford St. Manu.—Imitation china, for table-top, tea-trays on iron slate paper-maché, &c.

39 Freeman, W. C. London St. Norwich, Des. and Manu.—An ornamental cabinet, secretaries, and bookcases, carved in walnut wood and ebony.

40 Kilby, H. Norwich, Manu.—Ornamental flower-table, slate top, carved maple, and knotted oak-wood border, with dial affixed showing the time on the top of the table.

41 Fowkes, Kate G. Ipswich, Inv. and Des.—Octagon box, in imitation of inlaid wood, applicable to pianoforte, &c.

42 Lamburn, Louisa Emily, Ipswich, Des.—Slab, in imitation of marble, supported by carving in wood.

43 Bridge, R. G. St. Ives, Des. and Manu.—Booth screen, carved in oak for a church in Suffolk, designed by J. Clarke, 13 St. John's Pl. London. Group of wheat and poppies, carved in lime wood.

44 G. 1. 245 High Holborn.—Imitation stained glass, and marbling on surfaces by the water bath.

45 Baxter, T. H. St Albans, Herts. Des. and Manu.—Rustic tea-table, the top composed of upwards of 4,000 pieces of English wood—oak, maple, bass, willow, and crab. The exhibiton of a labourer.

46 Abbott, J. Horne and Groom, Crouch St. Colchester.—Inlaid pentagon table. Inlaid table, with carved pedestal, the sole work of the exhibitor, a blacksmith.

47 Conner, W. Saffron Walden, Essex, Des. and Maker.—Ebony cabinets, inlaid with ivory, for coins, medals, jewels, &c.

48 Howton, G. W. 34 Thayer St. Mann.—Decorative panel, carved out of lime-wood.

49 Eddett, G. Ryde, Isle of Wight, Inv. and Mann.—Patent reading-table; music-stand, table, or screen, for an invalid.

50 Styles, H. 31 Broad St. Bath, Des. and Manu.—An English pollard-oak table, with porcelain star, manufactured by Chamberlain and Co. of Worcester. English walnut-tree easy chair, and English walnut-tree drawing-room chair, with porcelain panels.

51 Barlow, J. 46 Clarence Pl. Brighton, Manu.—Chess table, with vignettes, corresponding with the characters or pieces.

52 H. 66 Middle St. Brighton, Inv.—Model of a circular roller-blind of improved construction.

53 Baker, E. Brighton, Manu.—Specimens of mahogany and oak staining on deal.

54 N. S., E. Mount Ephraim, Tunbridge Wells, Mann.—Two round tables, book-stand, and work-box, ornamented with devices in wood mosaic.

55 Calder, J. 4 James St. Bath, Des. and Manu.—Circular dining-table, of walnut; the centre part revolves, while the outside portion remains stationary.

56 South, T. Allendale, Haydon Bridge, Prod.—Illustrations of lead mining, &c. Section of the strata at Allendale; models to illustrate mineral veins, &c. Minerals associated with lead ores. Examples of the various stages of progress from the mine to the market. Lead (WB) and silver prepared for sale. The specimens from the mines of W. B. Beaumont, Esq.

57 Palmer, H. 5 and 6 James St. Bath, Des. and Manu.—Registered loco-boat and occasional table, in walnut wood. Sideboard, in English dark oak.

58 Stratford, W. 34 Hill St. St. Helier, Jersey, Manu.—Carved urn, olearia-table.

59 Allen, H. Frampton-on-Severn, near Dursley, Gloucestershire, Mann.—Gothic chair of English oak, with needlework back and seat.

60 Bisby, Jr. Bradninch, Cullompton, Des. and Mann.—Carved Tudor bed-posts, made of walnut tree, by a thatcher.

61 Hall, Thos. the Old, Basing Pl. E做事, Des. and Mann.—Cheval screen, with a group of flowers in a new city of working in Berlin.

62 Parker, W. 3 Harrington Pl. Bath.—Carved rigo and pollard oak cabinet, style Francis L. adapted for a drawing-room.

63 Stoepel, T. Saxmundham, Des. and Mann.—Reading, writing, and dressing desks.

64 Heeber, W. Market St. Oxford, Des. and Manu.—Side tables and cabinet of Stanton oak, combined with glass and o-mol, &c., made and carried by three deaf and dumb persons; the castings by Marsh, of Dudley. Cabinet, of Oxfordshire walnut. Lounging-chair.

65 Tamsitt, W. Cranbrook, Kent, Des. and Manu.—Cradle, made of osiers, ornamented, and moved by a weight and spring.

66 Rockerdon, J. 18 King St. Oxford, Inv. and Mann.—University telescope reading-table.


68 Binyon, W. Henley-bottom, Smith & Co. 68 Welwyn St. Mann.—Paper-hangings, manufactured by machinery.

69 Warner, M. B. Harcourt, Witney, Des. and Mann.—Bustic table, inlaid with 1851 pieces of ivy-wood.

70 Woodman, H. G. Melksham, Inv.—Carpet stainless.


72 Johnstone & Co., Quay St. Bristol, Des. and Mann.—Improved straw mattress, for lath and iron bedsteads.

73 Spurrer, C. Bristol, Des. and Mann.—Cabinet chinoiserie of walnut wood. A vase of flowers, of pearl, inlaid in ebony, easy chair, &c.

74 Jones, A. J. 138 Stephen's Green, Dublin, Des. and Mann.—Series of Irish bog-yew decorative furniture, designed to illustrate history, antiquities, and vegetable productions, &c., of Ireland.

75 Menzies, J. 34 Leadenhall St. Mann.—Articles in Coromandel wood, ebony, paper-maché, leather, &c. Baggatelle table, writing and dressing cases. Ivory hair, tooth,
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nail, and shaving brushes. Razor strops, pocket books, blotting-cases, &c. Specimens of British cutlery, with illustrations of the various stages of the process.

80 Middalnd, F. 96 Bride St. Dublin, Des. and Mann.—Cabinet of oak, from Wicklow, with top of Connemara marble, from the quarries of Ballinasloe, county Galway.

81 Furlonge, J. T. 1 Lordship Pl. Lawrence St. Chelsea, Inv.—Table, the pillar represents a fighting gladiator, carved in solid Irish oak; the top, a shield in fancy pollard oak.

82 Fletcher, E. Royston, near Barnsley, Des. and Mann.—Washable paper-bagging.

83 Holden, A. Ardsley, near Barnsley, Des.—Pine frame.

84 Surtees, T. 1 Lordship Pl. Lawrence St. Chelsea, Inv.—Portable folding wrought-iron bedstead.

85 Gardiner & Son, Wortley, near Leeds, Inv. and Mann.—Decoration for library, dining and drawing-rooms. Durable and fixed colours.

86 Collin, G. C. Doncaster, Yorkshire, Mann.—Hall or library chair, of black oak, found near Doncaster, Yorkshire, presumed to have been buried there 2000 years.

87 Irwin, Elizabeth & Edwina, Castle St. Montrose, Scotland, Des.—Screen of white watered silk, with wreaths and basket of flowers, worked in feathers from the county of Fife, &c. The frame was made by F. J. and F. J. Jupit, Montrose.

88 Dunstan, Annie, Camelford, Prop.—Fancy work-table, veneered with tulip-leaves.

89 Leake, T. Truro, Inv.—Screw-driver, of considerable power; portable walking-stick stool; chair, adapted for ladies' schools; fancy chair, for drawing-room; Windsor chair.

90 Crawford, J. 243 Stobcross St. Glasgow, Des. and Mann.—Mirror, composed of plane-tree, made by an amateur.

91 Newton, W. 226 Argyle St. Glasgow, Prop. and Des. and Mann.—Loo-table, composed of nearly 7000 pieces of foreign woods. Chippendale, composed of above 4000 pieces. Teak-caddy, composed of 1340 pieces, &c.

92 Ison, F. Perth, Mann.—Circular loco-table, made of the root of a larch-tree raised near Murthly Castle, Perthshire.

93 Alexander, J. T. Maxwelltown, Dumfries.—Ornamental garden chair of natural roots and branches of the oak. Picture-frame of natural roots and laburnum-tree branches, for a Scotch romantic scene.

94 Hay, J. & J. Aberdeen, Des. and Mann.—Gilded and embossed national picture-frames.

95 Scott, H. George St. Edinburgh, Des. and Mann.—British state bed, with canopy, Elizabethan style, carved in pine and plane tree. Blankets of the finest Cheviot wool; sheets of finest Tweed linen.

96 Warrock, Harriet, Des St. Aberdeen, Des.—Ornamental fire-screen.

97 Artken & Allan, 102 Prince's St. Edinburgh, Des. and Mann.—Pier-table and mirror-frame, in carved wood.

98 Barrie, E. Edinburgh, Des. and Prot.—Carved book-tray, executed by a ploughman, in the evening, by candle-light, without the aid of any model or design, and solely with a penknife.

99 Lithgow & Finde, 60 Hanover St. Edinburgh, Des.—Specimens of panels, and tables in imitation of inlaid marbles and of oil-cloth.


102 French, G. J. Bolton, Des. and Mann.—Velvet cover for communion-table, with cushions, service-books, carpets, &c. Altar vestments of crimson velvet. Episcopal chair, after an ancient example in York Minster. Ecclesiastical banners, &c.

111 Tilling, E. Bradshawgate, Bolton, Mann.—Ornaments made of a new combination of materials, for interior decorations; exhibited for tenacity, lightness, and facility in working.

112 Bush, M. 2 Broad St. Halifax, Des. and Mann.—Sideboard, ornamented in representation of the vine.

113 Kex, W. A. Whitehaven, Des. Inv. and Mann.—Alabund Oldenburg's cabinet, from Sir Walter Scott's story of The Antiquary, made from three varieties of British oak grown in Cumberland.

114 Carrick, J. William St. Workington, Cumberland, Des. and Prot.—Carved oak chair of novel design, made out of the root of oak, embroidered by G. Gaine, Grosvenor Row, Chelsea.

115 Milne, T. Bradford, Yorkshire, Des. and Mann.—Hall table and hat and umbrella-stand combined. Drawing-room chair, carved in solid mahogany, and gilded.


119 Matthew, R. E. Stirling, Scotland, Des.—Plains deal lobby-table top, painted in imitation of various marbles.

120 Grevy, J. C. 4 Exchange St. Manchester, Des. and Mann.—Picture frames, specially designed for certain drawings and engravings. Circular table, in gold, the top of which displays 74 landscapes, painted in oil by the Rev. J. E. Pyne.


122 Jones, D. Bay, Wales, Des. and Mann.—Welsh rustic picture frame, made of the natural excrecences of the apple-tree.

123 Steers, J. Tamton, Des. and Mann.—Cabinet, made of walnut-wood, grown near Tamton, Somerset, carved and enriched with panels of raised embroidery, &c. by Miss Kingsbury. Table top, &c. of fine English oak, grown near Tamton.

124 Ransone, J. A. 49 Union Passage, Birmingham, Des. and Inv.—Specimens of material produced from moss or peat, to be called moss-wood. Specimens of a plastic material made from moss and lime. Specimens of pressed moss fibre.

125 Clarke, J. Birmingham, Des. and Painter.—Designs of armorial bearings, including seventy-four coats of arms and crests.

126 Lane, T. 91 Gt. Hampton St. Birmingham.—Articles chiefly in royal patent pearl glass; papier-mâché table; work-table; chell screen; pole-screen; reading-table; cabinets; chess-table, &c. Specimens of patent gem painting on glass, invented by Miss E. Tonge, Boston, Lincolnshire.


128 Karel, J. H. 50 Upper Marylebone St. Des. and Painter.—Folding screen; encasement painting illustrating the story of Cupid and Psyche. Table-top imitation of burl.
UNITED KINGDOM.


131 Balehard & Wellsted, 45 St. Paul's Sq., Birmingham, Manu.—Papier-maché toilet table of Elizabethan design. Large cabinets, &c. Series illustrating the manufacture from the raw material to the finished article.

132 Footthorpe, Snowley, & Smythe, Birmingham, Manu.—Ladies' work-tables, dressing-room ornament-stand, small cabinet, writing-desks, jewel-boxes, folio, tea-caddy, ladies' reticule, hand-screens, trays, &c.

133 Lee, L. 118 Bedford St. South, Liverpool, Prod.—Pianos, pianola, and organ, extensive line, on pin-legged wood.

134 Ismay, J. W. 120 Islington, Birmingham, Inv. and Des.—Cabinet, or commode, of wood decorated by the enamel process, with electro-gilt metal mouldings. Specimens of imitation marbles, &c.

135 Dawes, B. 20 Carlisle St. Soho Sq., Manu.—Circular table with top, made of a rare species of cedar, &c. Lady's toilet-table and chair of tulip-wood, inlaid with purple wood.


137 Sutcliffe, L. 27 Gt. Hampton St. Birmingham Manu.—Ornamental papier-maché trays, inlaid, work-tables, vases, fans, folio, ladies' work-boxes, inlaid, &c.

138 Turner, B. Birmingham, Manu.—Large folding screen; large inlaid oval table; gothic tables; sexagonal table; cabinets; trays; chairs; work-tables; dressing cases, &c.

139 Wilson, T. Farm St. Birmingham, Des.—Lady's cabinet, in papier-maché. Writing-desk, toilet, and jewel cases, on inlaid and mother-of-pearl.

140 Forrester, W. Rockingham, Manu.—Rocking-boat for the nursery; will contain with safety several children at once.

141 Smith, T. F. March, Cambridgeshire, Des.—Specimens of painting, in imitation of various marbles. Painting, in imitation for interior or exterior decoration.

142 Sugrue, W. Twickenham, Inv. and Manu.—Model of a geometrical statue, with a double hand-roller in rosewood. Inlaid floor, cornice, and columns, of sycamore.

143 Davis, G. Southam, Des. and Manu.—Specimen of marbleising, graining, and varnishing, on paper.

144 Gough, G. Speedwell, Newbury, Des. and Painter.—Screen, painted in the old English illuminated style, and recording events of English history.

145 Birdhouse, W. York, Des.—Cabinet of oak, having ornamental panels of burnt white wood.

146 Findley, C. V. 35 King St. Leicester, Des. and Manu.—Carved chair of Leicestershire oak.

147 Barker, G. 2 Brook St. Bond St. Inv.—Perforated flexible screens, with nuts and hooks, for hanging pictures.


149 Clifford Brothers, Bristol.—Paper-hangings for dining-room.

150 Green, G. Denton, near Grantham.—Portrait picture-frame, Italian style, with the natural foliage of the vine entwined through the scroll-work.

151 Flecker, R. Derby, Inv.—Crystal granite paper-hangings (washable).


153 Rivett & Sons, 50 Crown St. Finsbury Sq. Des. and Manu.—Mahogany pendant sideboard.

154 Hopkins & Son, Birmingham, Manu.—Shade, with improved action.

155 Brown, G. 25 Newman St. Oxford St. Des. and Manu.—Figure candleabra for the drawing-room, with fig. and doilies of cartouche.

156 Bissell, C. P. 5 Wellington St. Inv. and Manu.—Papier-maché articles, manufactured by patent machinery in a new material. Best of Flaxman. Bracket figure of an angel, architectural ornaments, &c.


158 Green & Son, 37 Farrington St. Des. and Manu.—Winged wardrobe, of fine Spanish mahogany, with carved pediments, trusses, doors, &c.

159 Wili & Rantlett, Kingston-on-Thames.—Book-case, of walnut-tree, combined with other woods in relief. Pair of candleabra, of three woods, in their natural colours.

160 Holland & Sons, 19 Marylebone St. Ranelagh Works, Belgrave Sq., and 23 Mount St. Manu.—Bookcases, founded on the cinque-cento style, composed of British woods and marbles; designs by Macquoid. Console table and glass. Water lily circular table.


168 Fox, T. G. Bishopsgate St. Within.—Bedstead of walnut tree, gilt, with lofty canopy and drapery of blue silk.

169 Duley & Co. 66 & 67 Oxford St. Manu.—Canopy bedstead of walnut-tree, in the Elizabethan style, with furniture of rich English brocatelle, &c.


171 Wills, J. 8 Old Bond St.—Rock crystal vase and plateau, of the 16th century, with ornamental mountings of the present period, enamelled on gold by Morel. Chess table, &c.

172 Simmons, J. 6 Portobello Ter. Kensington Park, Notting Hill, Manu.—Statuary marble work-box, carved in bold relief.

173 Sandeman, G. 9 Greenside St. Edinburgh, Des. and Manu.—The Holyday seat. Design of an ottoman with rests, ornamented with thistle foliage, carved in dark oak.
UNITED KINGDOM.

174 Simm & Sons, 6 Finsbury Pavement, Des. and Manu.—Mahogany caspar bedstead, with hangings of crimson silk; cabinet of walnut, king and tulip wood, inlaid with marquetry, &c.

175 Watson, G. 43 Spring St. Paddington, Des. and Manu.—Octagon marquetry table, with ebony moulding, elaborate design.

176 Smyth & Furness, 34 Marylebone St. Piccadilly, Manu.—Cabinet, containing paintings and drawings, including a new easel, for out-door sketching.

177 Hine & Young, W. 23 St. John St. Westminster, Des. and Manu.—Inlaid marble table; the top contains 700 pieces, of 30 sorts of marbles, 10 English and 20 foreign.

179 Clark, S. B. 14 Dean St. Soho, Des. and Manu.—Centre table of ebony, rosewood, and buhl. Work-table of English walnut. Petiflason-table on a figure of a cartouche.


181 Le Mesurier, Sarah S. A. Elm-tree House, Hammershith, Inv.—Reg. chair, in honour of H. R. H. Prince of Wales; the buffet work from a drawing by Mogford.

182 Nicol, T. 39 Gt. Tichfield St. Des. and Manu.—A case for water-colour or crayon drawings. A cheval screen for water-colour or crayon drawings, &c.


185 Carter, M. 40 May St. Lower Hampstead Ltd. Des. and Prod.—Altar-piece, emblematical of evangelical faith, painted in the early English style.


187 Jervis & Bartolotti, 6 Holakin St. West, Belgrave Sq. Manu.—The Victoria Regia cot, designed by Bell, with curtains of Holiton lace, des. and manu. by Darrall. Reg. pianoforte, by Dimouline. Tables, trays, and other works in paper mache.


190 Dixon, J. 18 Brownlow St. Holborn Manu.—Papier mache table, inlaid with pearl and paper. Trays, blotting-books, &c.


192 Mayes, B. 30 Oxford St. Manchester, Manu.—Self-folding sea stool, for economising space.

193 Sowerby & Castle, 29 Albert St. Camden New Town, Inv.—Geometrical ottoman couch, constructed so as to assume various forms of drawing-room seating.

194 Bowley, J. 78 Charlotte St. Fitzroy Sq. Manu.—Marquetry table; artists’ colour box and easel, &c. Buhl cabinet.

195 Warner & Sons, 26 Gerard St. Soho, Manu.—Carved Arabian bejewelled, in white and gold, with silk hangings.

196 Platt, S. New Bond St. Manu.—Carved sideboard, of English walnut, the marquetry and fretwork cut by machinery. Saloon cupboard of English buhl. Gothic alter- chair, &c. carved by marquetry, &c.

197 Hansons & Sons, 16 John St. Oxford St. Manu.—Ornamental walnut-wood cabinet, for china, bronzes, &c. Oval carved frame for a mirror, &c.

198 Downe, G. J. 153 Leadenhall St. Manu.—Looking-glass; plate-glass, manu at South Shields. Specimen of the finest quality of Mountmein oak timber.


200 Stoker, C. 53 Regent St. Manu.—Ebony enamele-case, ornamented with imitation iron-work, in rich metal; gilt mountings. Dressing-cases, writing-desks, &c.

202 Hunter, W. J. & E. 30 Moorcoate St. Manu.—Walnut-tree sideboards, showing the capabilities of English wood. A beautiful marble slab from the quarry of Galway, Ireland, forms the table part. Two chairs, of studied structure and varied design.


204 Poole & MacGillevray, 25 Prince’s St. Cavendish Sq. Des. and Manu.—Sideboard in walnut-tree, with carved and bronze enrichments; bronze panels: Bouchant and Whitehead, and The Judgment of Midas.

206 Heasman & Sons, 102 Fleet St.—Cheval dressing-glass, carved in wood. Writing-table, with marquetry top. Centre table, of walnut-wood, inlaid with metals, ivory and pearl.


207 Flechters, B. Derby.—Crystal granite paper-hangings, admitting of being washed.


210 Bailey, H. 29 Tottenham Ct. Ed. and Manu.—Inlaid marquetry door. Pair of throns inlaid with marquetry, and mounted with or-molu. Fruit and flower pieces, &c.

211 Airding & Son.—Walnut table, inlaid with marquetry, of French manufacture.


212 East Gallery.

213 Mistras, G. 51 Frith St. Soho. Inv. and Manu.—Invalid couch, or bed.

214 Wartnaby, A. Chesterman, Des. and Manu.—Portrait frames and toilet-glass, in carved and gilt frame.

215 Bell, D. 10 Ann St. Belfast, Ireland, Manu.—Carved devotional-chair, of bog oak, ornamented with two crystals, termed “Irish diamonds”; the needlework on the panel designed by the exhibitor, and executed in Belfast.

216 Asphodel & Son, 70 Grosvenor St. Inv. and Manu.—Registered card-table, and dining-room chair.

217 Clay & Co., 17 & 18 King St. Covent Garden.

218 Chalton, T. Rose Tun St. Kilkeenny, Ireland, Manu.—Ornamental circular oak table, with top veneered in figures, &c.

219 Curran & Sons, Lisburn, Co. Antrim, Ireland, Des. and Manu.—Sculptured and perforated arm-chairs, from the antique; made by three poor working men, expressly for the
258 HOWARD & Son, 32 Berners St. Oxford St. Des. and Manu.—Flowers drawn and modelled from specimens at Kew Gardens, by the designer, assisted by Messrs Peacock and Stickland.

259 HANCOCK, N. 6 Bartlet Ct. Bow St. Inv. —Invalid and dressing-room easy reclining chairs.

260 FOOTTHORPE, Sowle & Sowle, 25 Church St. Birmingham, Manu.—Lady's work-table, Small cabinet.

261 BACON, W. 63 Wells St. Oxford St. Inv. and Manu.
—Folding spring mattress.


264 BOARD, C. 29 Bond St. Gray Inn Rd. Manu.
—Spring pillows made of spiral steel springs and whalebone. Model of a quilt made of an article imported from Russia.

265 COTTON, E. H. 11 Wincey St. Oxford St. Inv. and Manu.—The rhocoolium, or patent spring bedstead.

266 CRYFFALL, 7 Kennington Pl. Kennington Common, Des.—Tessery, to display the application of different kinds of wool, and the art of carpeting.


268 EVANS, F. 18 Albert St. Deptford, Inv.—Improved music stand. Model of improved chair.

269 CAVENDISH, J. 4 Michael's Pl. Brompton, Des. and Manu.—A three-post bedstead in Spanish mahogany, the rod forms a part of the cornice.

270 MUMMEY, F. H. 5 Railway Pl. Holloway Rd. Des. and Manu.—Press bedstead, in a pianoforte shape.

271 DAY, HARRITT, 4 Oakley Ter. Old Kent Rd. Des. and Manu.—Tess-caddy, composed of rare and valuable shells.

272 NUNN, J. 7 Upper Vernham St. Lloyd Sq. Des.—Picture frame, to answer the purpose of a portfolio, &c.

273 SUTTON, H. 93 Vauxhall St. Lambeth, Manu.—Picture frame, inlaid with tortoiseshell and pearl, composed of 2,300 pieces.


275 GARDNER, J. H. 19 Poplars Ct. Fleet St. Des. and Manu.—Bath-room toilet glass basin containing jewel-drawers, &c. combining all the requisites for a gentleman's toilet.

276 WALES, E. 310 Regent St. Proct.—Landscape transparent blind.

277 WOLFENHOLME, J. 19 Lord Mayor's Walk, York, Des. and Manu.—Six stall finials, or poppy-heads, of decorated Gothic architecture, and various designs, carved in Norway oak.

278 COOPER, W. M. Derby, Manu.—Pulpit for a church at Holbeck, Leeds; the figures by John Philip, from a design by G. G. Scott of London.

279 WITHERLEIGH, F. S. 13 Shepherd St. Oxford St. Des. and Manu.—Carved oak Gothic cheval fire-screen, with glass panel.

280 HAWKINS, S. 56 Bishopsgate St. Without, Pat. and Manu.—Expanding dining-table, with patent screw movement. Expanding round-table, with patent cog-wheel, and screw movement.
UNITED KINGDOM.


Improved ornamental library table, mag. pattern.

An assortment of articles ornamented with mother-of-pearl, Guernica pearl, silver and fancy pearl, small pearl, and tortoiseshell.

271. SHERRETT, J. H., 137 Bishopsgate St. Show goods, used by tea dealers and grocers, for decorating shops. Vases in tin ornamented and japanned, &c.

272. SQWIN, C. 30 Old Fish St. Inv. Apparatus for baking wood, for veneering; looking-glass, with ball and socket movement. Composition and wood picture frames, &c.

Specimen of figure-carving in oak. Composition frames, manufactured for the Royal collection of enamels and gallery pictures.


Gothic altar-piece, imitation of stone carving. Decorations for halls and dining rooms, in Japan, &c.

277. VINE, T. E 6 Union Walk, Kensington. Inv.
Specimens of marbles, of various colours, paper, imitation in mosaic on plaster.

Registered, revolved, double-standard folio-frame.

Designs for manufactures and decoration, and for bookbinding. New combinations, mosaics, and encasement in paving. Frontispiece for works published, published for the City of Gates Street, Lincoln's Inn Fields. Stained glass memorial window, &c.

282. SNOULLEED, LOVERIDGE, & SNOULLEED, Wolverhampton, Des. and Manu.

285. WALKER, F. 49 Fleet St. Manu.
Commercial and diplomatic despatch writing-desk, in rosewood; small, rosewood, open desk.

287. JONES, W. Delgelly, Wales, Inv. and Manu.
Portfolio table, and ebony tripod.

289. WAREHURST, T. 317 Oxford St. Inv.
Patentreading-stand, carved in rosewood, and enriched with gold and enamel ornaments.

Tablestand, composed of a statuette of Milton.

Registered portable self-adjusting leg and foot rest.

292. BATESWORTH, A. Anstruther, Fifeshire, Scotland.
Des.
Mirror, framed and gilt, and ornamented with small shells from the Firth of Forth.

293. WILKINSON & Sons, 18a Weymouth St. Cavendish Sq. Inv. and Manu.

and Manu.
Decorative panel, style of Edward I.

303. ARMS, T. E Southville St. Prod.

304. SQWIN, T. 35 Queen's Ed. Chelsea, Des. and Prop.
Original design for paper-hangings, being a new combination of damask and chiffon work.

305. BARRON, J. 316 Bethnal Green Rd. Des.
Drawings for paper hangings.

Glass shades; round, oval, and square. Bas-reliefs in fritte, or imitation ivory, after Gerard Dow and Martin, by G. Abbott and Luzzo.

308. GODDARD, J. 21 Walkot Pl. East, Lambeth.
Design for paper hangings, of British and exotic flowers, air plants of the torellia zone, &c.

309. WOOLLAM, W. & Co. 110 High St Marylebone. Manu.
Decorative paper hangings.

Registered paper-hangings.

311. TUXFORD, MAN. AXE, Hackney Rd. Des. and Prod.
A chair in the Elizabethan style, all English materials. The chair and needlework by one person.

312. TRAPPALL & SONS, J. St. James, Barton, Bristol, Des. and Manu.
A handsome console chiffoniere, of the finest English walnut wood, top of statuary marble, set in a moulding of ebony and tortoiseshell.

313. NEWSWORTH, J. & E. 2 and 3 Hanover Ct. Carey St. Lincoln's Inn Fields. Manu.

314. NORWOOD, C. De Beavoir Factory, Rosemary Branch Bridge, Hoxton, Manu.
An architectural decoration, composed of printed mouldings, figures, &c.

315. TUXFORD & SONS, 29 Old Change, Des. and Manu.
Imitation of marbles of various colours, paper, imitation of Siena, porphyry, Devonshire, &c. Brocaded marble, for skirting.

316. WRIGHT, T. & J. 15 Northumberland St. Newcastle-upon-Tyne, Inv. and Manu.
Monocled writing cabinet, for collecting and arranging a great number and variety of papers, so as to be readily accessible.

317. TUXFORD, J. 32 Theobalds St. Sheffield.
Work table, a specimen of English elm.

318. TOWNSEND, PARKER & TOWNSEND, 122 Gorwell St.
Des. and Manu.
Paper-hanging decorations.


321. WILLIAMS, COOPER, BAYLEY, & Co. 65 West Smithfield.
Des.

322. WOOLLAM & Co. 69 Marylebone Lane, Oxford St.
Manu.
Paper hangings and decorations from block printing.

323. JEFFREY & ALMANCE, Kent and Essex Xd. Whitestaple.
Manu.

Design for the decoration of a ceiling, in imitation of inlaid woods.

330. RUSSELL, R. 1 Brydges St. Strand, Des. and Manu.
Design for interior decorations of drawing-rooms. Panel after the style of the Alhambra, executed in glass &c. Commandment tablet in glass, &c.

332. JONES & Co. 314 Piccadilly, Inv. and Manu.
New method of decoration for the side of a room. Coloured decorations for ceilings, and other specimens.

Arabesque painting on glass, imitations of inlaid marbles on glass. Arabesque painting of rooms, &c.

Des. and Manu.
Elizabethan ornamental screen, in imitation of various marbles and woods.

341. SMITH, C. 43 Upper Baker St. Imitations of marbles, in paint, on slate and wood. Arabesque decoration for drawing-rooms, boudoirs, &c.
UNITED KINGDOM.


282. SOUTHALL & Co. 157 Kingsland Rd. Manx.—Half top of table in imitation marble, inlaid. Slab, in imitation rouge royal marble. Imitation marble and woods, on paper, &c.

283. SLOANE, H. 23 Kirby St. Hanlon Gardens. Des. and Manx.—Lady's writing desk, in ebony and boul-i-laid.

284. TICEBURN, J. 28 Little Marshalls. Prod.—Specimen of drawing-room panel decoration, in colours and gold.


286. FELTON, G. 67 Cr. Titchfield St. Marylebone. Manx.—Specimen of an imitation or-molu gilt mat glass, made of paper, and not liable to split.

287. NEWHAM, B. 29 Princess St. Leicester Sq. Inv. and Manx.—Miniature frames in imitation of or-molu.

288. FERENS, C. 8 St. & E. Leinway St. Oxford St. Des. and Manx.—Washable glass, applicable to looking-glasses, picture frames, cornices.

289. BISHOP, C. 223 Whitechapel Rd. Inv. and Des.—Stained glass with inscriptions.

290. HAYNE, A. 15 Berners St. Des.—Specimens of diamond engraving upon black marble, as applied to table-top, letter-weights, &c.

291. BAXTER, R. 12 George St. Foley Pl. Des. and Manx.—Illustration of the art of gilding, as applied to picture and glass-frames, cornices, &c.


293. WARRAT, J. 16 Adelphi St. Des.—Panel of English wood, showing their decorative value when prepared by Payne's patent process.


296. AVERT & DANGAR, 1 Great Portland St. Manx.—Shutter-blind for the Ambassador's new palace at Constantinople. Improved outside Venetian and batten blinds, &c.

297. BURR B. 233 Blackfriars Rd. Inv.—Improved patent window-blinds, entirely of metal, applicable for out-door use; and especially for warm climates.

298. AYRES, J. 6 Princes St. Flaxbury.—Patent wash and clock blind, lamp, and picture frames, manufactured from flax, silk, cotton, and worsted.


300. KOREL & SONS, 23 Newcastle St. Strand, and 13 Cross St. Blackfriars Ed. Inv. and Manx.—Ornamental spring roller blinds.

301. LOVET, P. Jun. 10 Hyde Park Gardens, Inv.—Rotary shop-blind.

302. NORTH, W. 57 High St. Camden Town, Des. and Manx.—Painted transparent window blinds, in imitation of stained glass; Chinese bird blinds, &c.

303. COWELL, W. & T. J. 108 High St. Marylebone. Des. and Manx.—Specimens of solid inlaying, by hand, for floors, in deal and mahogany.

304. COOKE, J. 68 Brentford. Blandford Sq.—Painted table-top, in imitation of inlaid woods. Slab, in imitation of inlaid marbles.

305. CHALLINOR, E. Pinnock's Pottery, Tunstall, Staffordshire.—Water-closets, &c.


Somers, H. 13 Westmoreland St. Manx.—Table-top, painted in imitation of marble.

308. JACOB & GRAM, 37 and 38 Oxford St. Des.—Sideboards, book-cases, chairs, sofas, chiffonnieres, &c.; London carpet, carpet of geometric design, velvet pile carpets, patent tapestry velvet carpet and border, London rugs, &c.,

309. JEFFCOAT, F. L. 26 Strand, Inv. and Manx.—Improved bedstead and bed for invalids, &c. Apparatus for heating laundry-rooms.

310. PARK, H. M. Coventry St. Manx.—Novel adaptation of a dressing glass and dressing case.


312. SWIFT, T. Allenheads, Prop.—Isometric drawing of mining districts at Newberg, Alston Moor.

CLASS 27. Manufactures in Mineral Substances, for Building or Decorations.

1. HALE, W. 6 Prospect Row, Walworth, Des. and Manx.—Writing on enamel glass as an imitation of glass.


5. WATTS, W. G. 17 Silver St. Wood St. Cheapside, Inv.—Vessels.

6. POTTS, J. Woolbridge Rd. Ipswich, Des. and Manx.—A cameo stone carved chimney-piece.

7. MAYO, W. 17 Silver St. Wood St. Cheapside, Inv.—Vessels.

8. BOWLANDS, J. Llandegai, near Bangor, Wales, Manx.—Giant ink-stand, sculptured from a block of slate stones, from Fearnory quarry, near Bangor.

9. STurge, W. Rhodeswell Rd. Limehouse, Prop.—Slab of Agate marble, inlaid with agate, cornelian, and other stones. From the palace of Akbar Khan, Chibbon.

10. BOWMAN, J. 2 Scarborough, and 3 Wheatfield Yard, Parnall St. London, Inv.—Chimney piece of common clay, to represent marble; also specimens. Wilson's patent argillaceous marbles.

11. THE LONDON MARBLE & STONE WORKING Co. Esher St. near Millbank, Westminster, Inv. Des. and Manx.—Grecian column chimney piece, and basement and ogive Gothic Gothic, of white Carrara marble. Model of a bracketed staircase, in Irish black marble, worked and polished by the Company's machinery; invented and patented by James Tullock, F.R.S.

12. MIRAM MARBLES Co. 17 Castle St. Southwark Bridge Rd. licenses under Pat.—New patent mantelpiece, made entirely of iron and glass.

UNITED KINGDOM.

28 VAUGHAN,
29 RUNDELL, J. S. Newbury, Berks, Man.—Egg-
shape and circular vases, of various sizes, made with bricks.
Hollow bricks. All patented.
30 BERT, E. L. Aylesford, near Maidstone, Prop.—
Products and manufactures from the Preston Hall estate.
Chalk and lime. Plastic clay. Cement. Terra cotta vases,
designed by J. Thomas. Terra cotta bricks; registered.
Stone ware and agricultural pipes. Hollow bricks, Roberts’
and Bear’s patent. Kentish rag stone. Fullers’ earth.
Sand, for glass and pottery.
31 DOUGLAS,
32 DOUGLAS & Co., Lambeth, Man.—Glazed stone
ware. Architectural ornaments, vases, garden pots, and
Ward’s cases, for the growth and cultivation of fruit, in
terra cotta.
33 BLACKBURN, B. Island of Valentia, Kerry, Ireland,
Man.—Specimens of slate slabs, from the island of Valen-
tia. Sash bars. Roof ridge made and designed by B.
Woodward. Park or garden seat. Table of slate.
34 ILLE,
35 MORT,
36 READ,
37 PEARSON, W. P. Harrogate, Yorkshire, Prod. and
Des.—Octagonal table of stalactites, principally from the
Dropping Well, and the locality of the Neston, and its
neighbours, N. R. Armas, 6 Guildhall Chambers, Beainghall
St. Pet. and Man.—Patent metallic lava pavement, orna-
tamental slabs, and table in the Moorish style. Patent
modern Venetian stucco. Stone, with marble-like polish.
38 HALL, J. & T. Marble Works, Derby, Man.—
Specimens of articles, manufactured by aid of steam ma-
cinery, at the Derby Marble and Spar Works: of black
marble; Derbyshire mottled alabaster, Derbyshire rosewood
marble; stalactite (Oriental alabaster); and variegated ale-
baster (gypsum); floor spar.
39 TENNANT,
40 CHARPOURS, E. Dartington House, Totnes,
Prop.—Polished columns of Midpore marble, with Caen
stone capitals. Various specimens of marbles, rough,
polished, and manufactured.
41 VAILLANCE,
42 WILKIN, J. Aberdeen, Man.—Polished granite
ornamental head-stone.
43 DOLAY, D. 27 Blackfriars St. Salford. Man.—
Scagliola column, illustrating a new method of
working, &c. in scagliola.
44 BONCOUR, G. Eyewater, Prod.—Column and two
slabs, painted in imitation of Siena marble.
45 MAURICE, E. M. Pimlico, Inv.—Manufactures in
slate: Enameled slate; representing various marbles in-
laid after Florentine mosaic, &c.
46 NICHOL & ALLEN, 57 Upper Marylebone St. Des.
and Painters.—Specimens of marbles; design for a table-top,
imitation of Italian marbles.
47 LAMBERT, C. Abbey, Ireland, Prop.—Dark green
Conna stone marble tables and Serpentine tables from Bally-
rathinch quarry, Galway; on pedestals of black Galway
marble.
48 BURKE,
49 RIOUX, 41 Bolles St. Dublin, Man.—Compressed
marble table top. Table top of red and white Irish marble,
from Clonmacnois, county Limerick.
50 M'DOWALL & LEGG, Aberdeen, Man.—Granite
vases, pedestals, and a slab for table top.
51 FRANC, W. Truro, Man.—Tables, candlesticks,
vases, pedestals, &c., of Cornish granites, porphyry,
serpentine, and serpentine.
52 BIRD, E. Mallock Bath, Derbyshire, Man., and
Engraver.—Models in black marble of the obelisk at Helle-
polis and of the Phoen obelisk. Black marble slab. Card
plates, etched, &c. with steel tools.
53 BAGGET, S. Buxton, Derbyshire, Man.—Black
marble vases, remarkable for size, fine colour, polish, and
finish; the material from the Duke of Devonshire’s quarries.
Mosaic octagon table, &c. “Blue John,” or amethystine
floor, square, from Castleton.
54 JESON,
55 LOMAS, J. Bakewell, Man.—Pedestals of Derby-
shire marbles. Chimney-piece of Derbyshire black and
Siena and rosewood marble.
56 OLOVELO & Co., Ashford, Man.—Columns of black
marble, from the Arrock Hill quarry, Ashford. Column of
laminated rosewood marble, from Nettle-Dale, near Ash-
ford. Column of russet grey marble, from High-Low, near
Skelton. Column of light entrocal marble, from Ricklow-
Dale, near Monyash.
57 REDFERN,
58 TOMPSON,
59 TURNER, J. Buxton, Derbyshire, Man.—Two jars,
each 58 inches high, made of black marble, found at Ash-
ford, Derbyshire.
60 BURKE, B. Parkyn, Cornwall, Man.—Granite
obelisk and base, 18 feet high, weighing about 15 tons, of
Cornish granite, from the quarries at Carnase, near Parkyn.
61 WOODHEAD,
62 ORSON, J. Penzance, Cornwall, Man.—Baptismal
font, obelisks, vases, cabinet of specimens, &c. of serpentine
stone from Lizard, Penzance.
63 SANDS & Co., Vauxhall Pottery, Man.—Specimens
of patent mosaic pavement, of highly vitrified coloured
clay, with the ware still and head, of an improved material,
glazed inside.
64 MITTEN,
65 THE EEL OF CHOLLING—Ornamental bricks and
tiles, designed and manufactured at Cockham, in Surrey.
66 HUGHES, F. T. Stourbridge, Man.—Bath, adult
size, in one piece, made with fire-plate plated with porcelain,
and glazed. Bricks for waterproof walls, &c.
67 MANG, T. E. Oxford, Des.—Sculptured bap-
tismal font.
68 ROBINS, ASHFORD, & CO., Northfleet, and Gt. Scot-
land Yd. Whitlock, Man.—Illustrations Portland cement,
to show the strength, for making sandings, sills, paving, &c.
Illustrations of its comparative strength.
69 SPRIG, M. T. Gawthorpe Works, near Glassow,
Man.—Jet d’eau, vases, and other ornaments, pipes, and fire-
bricks, manufactured from fire clay or terra cotta, &c.
70 RASMUS & FASONS, Flint Wharf, Ipswich, Inv.
and Man.—Artificial stone in the raw state, and in its
various stages of manufacture, and its applications.
71 LANE & LEWIS, Clifton, near Bristol, Des. and
Executors.—Statue of St. Peter in canopied niche of Caen
stone.
and Sculpt. Sepulchral monument of the decorative per-
iod, in Caen stone.
73 STEWART,
74 FRANCE & SONS, Nine Elms, Man.—Specimens
of Parian cement of various qualities. Medina cement.
Drain pipes manufactured by machinery.
75 KEEN, R. W. 124 Vauxhall Walk, Lambeth, Inv.
and Man.—Samples of mosaic pavement, in terra cotta and
other vitrified substances. The tesserae forming the pattern
cemented by vitrification to the base.
76 LIPSCOMB,
77 FORTE, W. H. 3 Pembroke Road, Dublin, Prop.
197 AMBROSE, J. Copeford, near Colchester, Essex.—Gothic chimneys of red and white bricks. Specimens of white bricks and unmannured clay.

281 CALVATER, G. Hadfield, Painter.—Imitation of mahogany, oak, satin-wood, and maple.

331 HARKER & Fussel, 36 Blackman St. Borough, Inv.—New method of imitating marbles, by painting on glass, applicable to all purposes of decoration.

340 BAYTHURST, J. A. 40 Union Passage, Birmingham, Inv. and Manu.—Moss wood, a composition of moss, peat, and extraction of any kind of wood. Patented. A plastic material made from moss and lime, which will bear a heat of 180 degrees. Specimens of pressed moss fibre.

341 BRIEF & Co. Farn St. Aldermary St. Manu.—Improved sand-mould for type casting. Specimens of the type-founders' art; typographical embellishments, from the antique, &c.

342 BRAWNER, T. Barnstaple, Devon.—Sample of Devonshire blue clay, with its unmanufactured state, from Fremington, near Barnstaple. As oven for baking bread and meat. Jugs, pitcher, and milk can, of the same clay.


344 DALLON, M. Holloway St. Exeter, Inv. and Manu.—Table top, containing chiseled polished specimens of chalcedony, agate, and fossil wood; agate, &c., collected at Selerton, Sidmouth, and Brawner, &c.—Chiseled top, containing 64 various specimens of chalcedony, agate, and fossil wood.

345 FLEM, T. W. 26 High St. Whitechapel, Inv. and Manu.—Waterproof artificial stone, for sewers and drains of large dimensions; for flooring churches; drains for railways, &c.

346 BICKMAN, E. & Co. Stourbridge, Manu.—Gearet, made of Stourbridge fireclay.

347 JENNINGS, T. Egoya Mills, Lanthern.—Bearing stones, raised at St. Neots, Cornwall, used to support the pivot or godgeon of upright shafts, instead of brass.

348 KING & Co. Stourbridge, Prod. and Manu.—Glasshouse pot; model of glasshouse furnaces; and segment of gas retort, made of Stourbridge clay.

349 LIVINGSTON & Son, Portobello, Edinburgh, Des. and Manu.—The United Service vase with pedestal, and other vases.—Elizabethan chimney-pot. Registered pointed pipe.

350 MALENE, F. Newbridge, County Kildare, Ireland, Inv.—Roofing tiles of new description.

351 McAULAY, P. & T. 31 Grasnwick St. Dublin, Inv. and Prod.—Hydraulic granite and Portland cement, adapted for outside works, the first ever made in Ireland. Specimens of Oriental marbles, in scagliola. Specimens of mosaic or tessellated pavements.

352 MOODY, C. P. Sandford, near Sherborne, and Wareham, Dorsetshire, Manu.—Tessellated pavements. Ornamental and plain tiles of Gothic arch. Moulded cornice. Manufactured under Hutchinson's British and foreign patents.

353 MOSS, G. Godalming, Surrey, Des.—Octagon table, made of several kinds of marble.

354 OLIVER, J. 52 Upper John St. Fitzroy, Eq. Des.—Imitations of Sienna, Mora, and rouge royal marble.

355 OSLER, F. Oldcourt, Blessington, Ireland, Manu.—Bosphorean fruit, cut out of a single block of granite from the Wood at Quay, near Blessington, &c.

356 PORT DOWNS POTTERY Co. Glasgow, Manu.—Glazed and vitrified stoneware pipes. Stoneware tap, or stop cock, specially adapted for liquid manure purposes, &c.

357 PHILLIPS, C. Weston-Super-Mare, Manu.—Flowerpots, &c. of superior clay. Flower guards and seed beds, strawberry tiles, striking pans, &c.
UNITED KINGDOM.

CLASS 23. Manufactures from Animal and Vegetable Substances, not being woven or felted.

389 Scott Brothers, Southwick, Sunderland, Manu. Specimens of different sorts of earthenware.

390 Scott, H. Southwick, Sunderland, Manu. Specimens of common green-glass bottles, and white bottles in the different stages of manufacture.

390 SPEEDIE, C. 33 Charles St. Hampstead Rd. Des. Slate tablets, japanned and ornamented, adapted for churches and other buildings.

391 STRUZ, E. 33 Richmond St. Kensington Rd. Inv. Drain and water pipes in glass and clay, with water-tight joints.

392 SQUIRES & BOS, Stourbridge. Model of a glasshouse furnace, with pots of Stourbridge fire-clay, showing one in a working state; and of a pot, in which the glass is melted.


394 WILKINSON, J. 281 St. James's St. Inv. Specimen of a new and durable substitute for all paintings.

395 WORTHINGTON, C. Chesterfield, Inv. Des. and Manu. Bed-cover of patch-work, the number of pieces nearly 90,000.

GEORGE, J. 43 Edgeware Rd. Inv. Pat. and Manu. Model of a house; built with wrought iron and slate slabs, glass, &c. intended to secure stability, durability, and freedom from damp and vermin, to save space and improve temperature and ventilation.

ENGINEERS, S. Limerick, Ireland, Manu. Brushes, for shoes, horses, stoves, grates, &c.

7 GIBBONS, W. 52 Grafton St. Dublin, Inv. and Manu. Bracelets and other ornaments, made of bog oak and yew. Irish harp brooches, with Irish beryl, pearls, and diamonds.

8 WHITFIELD, I. 5 Church Lane, Dublin, Des. and Manu. Portrait frames. Specimens of moulds, sunk in boxwood.

9 SCARLETT, W. 37 George St. Edinburgh, Manu. Flower-pot stand, exhibiting a new combination of iron and willow.

10 KEMP, R. 3 Nottingham Pl. Edinburgh, Des. Table top, imitation of inlaid marble.

11 KENNY, J. Berwick-on-Tweed, Inv. and Manu. Bee-hive, with moveable bottom and screw; with a moveable crown; and with glass crown, &c.

12 JOHNSTON, P. Wigan, Manu. A quantity of fancy turned articles in ivory, wood, and cammel coal.

13 FARRAR & Son, Chapel Lane, Bradford, Manu. Twines made from hemp, flax, and cotton.

14 CHUMMACK, E. York, Prop. and Manu. Tortoiseshell, ivory, and horn dressing-combs, made by hand.

15 McCLELLAND, G. York, Manu. and Des. Chain cut from a solid block of wood.

16 JACKSON, T. 3 Pinehold St. Sheffield, Manu. Brushes, used by table knife and fork manufacturers, cutters, alloysmiths, &c.

17 SIMS, J. 79 Sidney St. Sheffield. Door furniture, &c. in ivory and fancy woods, and japanned. Carved bread-pistiers, &c.

18 MAYHEW, J. Lancington, Cornwall, Manu. Small wood table, with miniature dessert set, turned in ivory.


30 SCHOOL OF INDUSTRY FOR THE BLIND, Bristol, Manu. Worsted beard-rugs; worsted and cocoanut fibre doormats; fire-screens; basket; dish-mats, &c. Made entirely by blind persons.

31 COX, J. Bradford St. Walsall. A variety of brushes.

32 LEE, F. Spalding, Norfolk. Oak lecterns, of the flamboyant, or late decorated style of architecture.

33 FIELD, F. Norwich, Des. and Carver. Carving in oak, &c.

34 BERRY & MORRIS, 67 King Wm. St. City, Manu. Cardinals, bows, muffs, cuffs, and gauntlets, in a variety of furs.

35 THEOBAL, T. 45 Ludgate Hill, Manu. Matting, door-mats, rug, mattress, brushes, brooms, bonnet, hat, sewing or fine cloth, &c. of cocoanut fibre and Manilla hemp.


38 BRIGHTON & CO. 38 Welbeck St. Cavendish Sq. Inv. and Inv. Specimen of China matting, stained in pattern by a new process.


41 FENTON, MANSON, 8 Hermitage's Row, Charing Cross, Manu. Improved ivory champagne and board.

42 BROWN, H. 187 Whitechapel Rd. Inv. — British ivory (not a composition).


45 CROCKETT, T. 7 Belvidere Pl. Bethnal Green, Inv. — An invention to prevent the handles of brushes used for goss, pasta, varnish, paint, pitch, tar, &c. from becoming covered while working.

46 GREENE, — 2 Webber St. Blackfriars Rd. Manu. — Specimens of hair workmanship.


48 SARGENT, A. 8 and 9 Osborn St. Whitechapel, Inv. and Manu. — Painting brushes, flat and fine for heavy or fine descriptions of work.

49 BAXTER, E. R. 80 Gracechurch St. Pat. and Manu. — Specimens of brushes manufactured from an animal substance almost in disguise.

50 LAWRENCE & CO. Islington Pl. Park Rd. Islington, Manu. — Patent improved horse-hair flesh gloves and straps, for friction of the skin. Flesh brushes of a new design, with hat, cloth, velvet, and horse brushes, &c.


52 THURSTON, H. P. 20 and 21 Burlington Arcade, and 114 Piccadilly, Inv. and Manu. — Wigs, head-dresses, hair-dyes, brushes, combs, &c.

53 ROY, W. F. 119 and 130 Bliapagee St. Witham, Inv. and Manu. — Ornamental hair. Specimens of dyed hair brushes, ornamental perfumery, &c.
UNITED KINGDOM.

Class 28. Manufactures from Animal and Vegetable Substances, not being wooven or felted.

65 TURFORD, T. W. 1 New Bond St.—Carved ivory brushes and comb. Tortoiseshell combs. Head-dresses of natural hair.
67 SLOANE, G. 7 Brook St. New Rd. Des. and Manuf.—Fancy feather brush, carved in English walnut.
70 THACKERAY, T. 73 Southwark, Inv. and Manuf.—Registered copper-bound painter's brushes.
70 TALLMAN, R. 20 White Lion St. Norton Folgate, Inv. and Manuf.—Waterproof Cashmere, adapted to ladies and children's boots and shoes. Black silk and satin side-laced boots; velvet boots, &c.
72 Hodges, R. 24 Southampton Row, Russell Sq. Inv. and Manuf.—Mechanical purchases; highly elastic tassels, made of India rubber, &c. Travellers' staffs. A hand-carriage to convey bundles or packages, &c. Application of India rubber to guns, bows, &c.
73 SADLER, J. 11 Fore St. Cripplegate, Eng.—India-rubber waterproof umbrella tent.
75 WANSBROOK, J. 82 Little Brittain, Inv. Pat. and Manuf.—A waterproof cloth in imitation of velvet; each side can be made of a different colour, suited for upholstery, binding of books, &c.
76 BRACKENGE & CO. 73 Aldermanbury, and Cambridge St. Manchester, Imp. Manuf. and Pat.—India-rubber specimens, illustrative of its manufacture, and collection of manufactured articles.
77 BORE, LOCKHART & CO. 19 and 20 Waldenbrook, Imp.—Specimens of the various descriptions of native Para India-rubber, or caoutchouc, and of guuta percha, with samples illustrative of the various stages of manufacture, and of the purposes to which each description is applied.
78 NICKLE, C. & CO. 13 Goldsmith St. Cheapside, Manuf.—Various articles manufactured from India-rubber.
81 MATTHEWS, B. 56 Charing Cross, Manuf.—Large sized India-rubber portable boat, and India-rubber croy boat, designed by checking. Hallett, R.N. India-rubber portable bath.
83 CORING, J. C. 231 Strand, Prod.—Waterproof coats, capable of being used either side outwards. Waterproof capes. Ladies' waterproof silk capes and hoods, made of silk, &c.
88 BURS, W. H. 9 Gresham St. West, Manuf.—India-rubber waterproof garments, cushions, pillow and swimming belt. Mohair and geoppy braids India-rubber thread and webs. Patent mineralised rubber, unaffected by heat, cold, or grease.
84 BELL & CO. 7 Noble St. Des. and Inv.—Ventilating waterproof cloth, of extreme tightness and pliability, prepared without oil, paint, grease, or tar.
86 The Gutta Percha Co. 18 Wharf Rd. City Rd. Imp. Pat. and Manuf.—Gutta percha : collection of specimens illustrative of its various applications and modes of manufacture.
90 TRUMAN, E. 40a Haymarket, Inv.—Patent artificial teeth, with gutta percha.
91 SATCHELL, J. & CO. 50 Cornhill, Manuf.—Patent plume, or six-ounce coat, &c. A new material, a mixture of silk and viscose, extra water-proofed.
95 SMITH, O. 21 King St. Covent Garden, Manuf.—Specimen of ivory turning and carving, &c. by George A. Smith, 22 Mary's Buildings, St. Martin's Lane.
96 HAYNES, T. 6 James St. Colle-harrow St. Hackney Rd. Des. and Manuf.—Candlesticks made of ebony and ivory, with stands.
97 GRAYDON, A. 54 Thomas St. Hackney Rd. Des. and Manuf.—Fish and flower-stand, bird's-eye maple, and dyed to imitate nature.

99 TURMEVILLE, T. William St. Portland Town, Prod.—Specimens of improved wood sawing.
90 MUIR, J. 40 Lauri St. Caledonian Rd. Maker.—Model of the operating mechanism of Lysolates, at Athens. Lantern of Demosthenes, n.c. 334; scale 7-8ths of an inch to the foot. Carved in damast.
102 CUFER, R. 18 Artillery Lane, Bishopsgate St. Without, Inv. and Manuf.—New willow drawing-room chair. Willow soft-bed chair.
102 WILLIAMS, J. 40 Exeter St. Strand, Manuf.—Basket of superior fineness, for the use of soiled linens.
106 BODINE, R. 17 Ave Maria Lane, Inv. and Manuf.—Figured vase, for flowers, in basket work, with water-proof lining.
107 McKEA, J. & Co. 17 Ave Maria Lane, Manuf.—Scotch wood articles, of new design, ornamented with paintings, tartan plaids, &c.
109 MALLANDAIR, J. 5 James St. St. Luke's Manuf.—Table inkstands, with one stoppered ink glass made from English sycamore, stained black and polished.
109 WHEATLEY, W. 2 Clifton St. Des. and Manuf.—Blinder or last for the foot.
110 BODANEY, T. J. & Co. 7 York St. St. James's Sq. Inv.—Registered peg to secure lines whilst drying; also applicable to holding papers together.
111 SKEFFER, F. 135 Kingsland Rd. Des.—Articles of fancy woodwork, manufactured in Ayrshire, consisting of needle case, envelope and cigar cases, snuff-boxes, &c.
112 SADLER & FOWLER, 76 George St. New Rd. Manuf.—Specimens of first cut wood-work, cut by a perpendicular saw.
114 ROUSE, A. 238 Strand, Manuf.—Shawl boxes. Velvet embroidery. Lace cases, writing-paper, and other ornamental work.
115 POLDER, B. 41 and 27 Milsom St. Manuf.—Specimens of sponges, with description of their different uses. Samples of harness polishes, dye, and polishing pastes, with specimens of their effects.
116 BADER, C. A. Counter, 440 Soho Bazaar, Des.—Landscapes and figures, cut from paper with scissors, without copy or outline.
117 BURGES, J. 1 Johnson St. Horseferry Rd. Westminster, Manuf.—Flower vase, cut from paper with scissors.
118 COLLINGS, J. 14 Ot. Ormond St. Bloomsbury, Inv. and Maker.—Arm-pads for journeymen tailors, abolishing cross-legged sitting.
119 JONES, J. 35 John St. Cannon St. St. George's East.—Shoe pegs, to make boots or shoes without welts or stitches, cut by hand and by machine. Shoes made with pegs, and in the different stages of manufacture.
124 BASS, J. H. 6 Featherstone St. City Rd. Inv. and Manuf.—Corks cut by machinery: the machinery originally patented in 1830, but has since been much altered.
125 ESSEX & MARSDYN, City Saw Mills, Regent's Canal.—Specimens of new uses of cork and of preparations of cork, by steam machinery: applicable to the making of bats, mattresses, bolsters, &c.
126 FARNES & BUTLER, 36 Fockalily, Manuf. and Imp.
UNITED KINGDOM.

Class 29. Miscellaneous Manufactures and Small Wares.

165 Laycock & Sons, Porto Bello Pl. and Mill Sands, Sheffield, Man.—Specimens of damask and striped hair-seating. Russian and South American horse-hair. Materials used in the manufacture of hair-seating, &c.


167 MITFORD, B. Cheltenham, Maker and Inv.—Concentric balls, made of solid spheres of box-wood, like those made by the Chinese.

166 N ESHBOURNE & TYRRELL, High Holborn, Inv. and Man.—Improved cottage bee hive; ladies' observatory hive; Nut's collar bee hive; Taylor's amateur bee hive. Specimens of honey, &c.

169 OLIVER & Co. 53 Paradise St. Lambeth, Man.—Refined spermaceti, stearo-margaric acid candles.


172 Smith, T. Hurn's, near Hailbram, Man.—A set of Sussex truck-baskets, made of willow wood.

173 Tyler, S. W. 15 Welcot Pl. Kennington, Inv. and Man.—Cocoa-nut fibre matting, having a coloured pattern and carpet-like appearance; wove, showing a pattern on both sides. Protected by caveat.

174 Wheeler, G. Blackburn, Inv.—Pair of card or griddle's brushes, to be used in dressing or cleaning cards of cotton, preparatory to spinning.

176 Westall & Co. 29 Aldersgate St. Prop.—Whale-bones from Greenland, north-west coast of America, South Pacific Ocean, and western coast of Australia. Finer, from hump-backed whale, &c.

Class 29. Miscellaneous Manufactures and Small Wares.

1 Rowland & Sons, 30 Hatton Garden, Prop.—Articles of perfumery and for the toilet; oils, cosmetics, deodorants, &c.

2 Yardley & Spital, 7 Vine St. Bloomsbury, Man.—Specimens of refined scented soaps.

3 Kimez, F. 33 Gerrard St. Soho, and 19 Boulevard de la Gare d' Ivry, Paris.—Artificial hair. Scented fountains, for cooling and perfuming apartments, &c. Scented winter bouquets. Perfumery, &c.

4 Williams & Son, 36 Compton St. Clerkenwell, Man.—Soaps used by cloth manufacturers, lace-bleachers, and woolen-manufacturers. Scouring soap. Mottled and yellow soap. Fancy soaps, perfumed.


6 Lloyd, A. 10 Beak St. Man.—The Euxesas, for shaving without soap or water.

7 Langdale, E. 83 Upper Thames St. and 52 Frith St. Soho, Man.—Specimens of perfumes. Samples of essential oils for distillation, flavouring confectionery, and summer beverages.

8 Knight, J. Old Gravel Lane, St. George's, Middlesex, Man.—Extra pale-yellow soap, of pure and harmless
composition. Soft soap, used in the manufacture of cloth, silk, &c., for machinery, &c.


11. Helsinger, C. F. 15 Great St. Soho, Inv. and Manu.—Shaving brushes. 

12. Greeves, J. 38 Friday St.—Summer and other fancy soaps; pomade, essences, perfumery, and essential oils.

13. Gies & W. C. City Soap Works, Inv. and Manu.—Scrub and wax used by wools and silk manufacturers and silk dyers. Black soft soap, used for scouring coarse woods and carpets, &c.


15. Galbraith, J. 2 Wellington Place, Manu.—Culinary essences. Hair oil, perfumes, &c.


17. Cowan & Sons, 313 New Gravel Lane, Shadwell, Manu.—Specimens of pale-yellow, mottled, card, and marine soap.

18. Cleaver, F. B. 18 Red Lion Sq., Inv. and Manu.—Honey toilet soap; winter toilet soap; brown and white Windsor; white almond, and other soaps.


20. Farrow, A. J. 137 Crawford St. Inv.—Elder-flower toilet soap.

21. Carrick, J. 137 Crawford St. Inv.—Sample of cosmetic elder-flower toilet soap.


24. Braithwaite, A. F. & 177 Russell St., Bloomsbury, Inv. and Manu.—Translucent soaps.

25. Kendell, J. Dublin, Inv. and Manu.—Various fancy soaps and perfumes.

26. Field, J. 154 High St., Colchester.—Vegetable oil, for perfumery.

27. Worsley, J. Market Pl., Chippenden, Manu.—Distilled lavender-water.

28. Mackean, W. Paisley, Manu.—White oil and other soaps.

29. Low & Co. 330 Strand, Manu.—Hair brushes in ivory, satinwood, and rosewood. Embossed perfumed soaps.

30. Parke, G. East St. Farnham, Surrey, Manu.—Portable bath and comb cloth, compounded for the pocket, &c.

31. Austin, G., 6 and 7 St. Andrew St., Dublin, Manu.—Dressing-cases, made of Irish bog-yew; the silver fittings from the Sylhugatines, county Wicklow.


34. Robson, E. Tunbridge Wells, Kent, Inv. and Manu.—Turnip and turnip ware inlaid lady's work-box.

35. Holmes, H. Tunbridge Wells, Manu.—Work-box and writing-desk; of mosaic inlaid Tunbridge ware, with specimens of the woods.


37. Lewis, W. 28 Piccadilly, Inv. and Manu.—Lady's dressing-case of walnut wood, mounted in the medieval style, in pierced solid silver, &c. Gentleman's dressing-case. Travelling sea-equipage, &c.

38. Meek, J. J. Tiptree Hall, near Kelvedon, Essex, Des.—Working model of Tiptree Hall, a model of the building, by H. S. Merrett, 53 Petty Lane, London; the machinery of the building, by G. A. Campbell, 17 Addington Street, York Road, Lambeth. The models of animals by Vincento, Belfonte, and Formani, 4 Greville Street, Hatton Garden.

39. Horns, W. 8 Crown Row, Mile End, Des. and Manu.—Ladies' work-box, containing 1,500 pieces of wood, of about 70 different kinds, the produce of different countries.

40. Hine, J. 5 Skinner Pl., Holloway, Des. and Manu.—Cabinet work of ebony, inlaid with various coloured woods, tortoise-shell, &c.

41. Dalton, T. 55 Regent St. Inv.—Combined writing-desk, dressing-case, and dispatch box, &c.

42. Lucas, F. 9 St. John's St., Inv. and Manu.—Solid rosewood improved folding bill medicine chest.

43. Asprey, 166 New Bond St., Inv. and Manu.—Ladies' dressing-cases, writing desks, blotting-books, caskets, tartans, candlesticks, &c., and taper stand, &c.

44. John, G. E. 32 Aldermanbury, Manu. and Des.—Toilet work-boxes, paper and embroidered satin, of English design, materials, and workmanship.

45. Edwards, E. Birmingham, Manu.—Inkstands in glass and cast-iron, and bronzed. Glass screw, being the method of manufacturing twelve at once by pressure.

46. Vasse, Elizabeth, 191 Camongie, Edinburgh, Des.—Dishes of imitation fruit and vegetables.

47. Down, J. Most Row, Birmingham, Des. and Manu.—Wax fruit. Table of original design and manufacture.

48. Stirling, C. M. Kippenross, Dunblane, Scotland, Des.—Impressions of leaves, representing, on a large scale, the peculiar growths of forest trees.

49. Souden, Brough, & Co. 23 Aldermanbury, Manu.—Artificial flowers. Feathers for ladies' bonnets, and hooded-dresses of British manufactory.

50. Strickland, H. R. 8 New Bond St., Manu.—The "Victoria Regia," in its various stages of development, with each side of leaf modelled to nature. Roses, night-blowing cereus, and other cacti. Orchidaceous plants, &c.


52. Randolph, Whelporne, 35 Marham St., Westminster, Prod.—Specimens of plants and cut flowers, composed of feathers of various hues, without dye or tinting, by an amateur.


54. Feacher, Emma, 26 Bath Road, Pl., Inv. and Manu.—Group of wax flowers. Group of fruit, in wax. Wax in its unprepared state.


56. Mintorn, J. H. E. & Co. 36 Soho Sq. Des. and Manu.—Rare and curious botanical specimens, modelled in wax from life, showing their growing state, and exhibiting the varieties and phases of their existence, &c.

57. Macnaght, W. W. 5 Chancies St. Bedford Sq. Manu.—Flowers made from dyed wax. 

UNITED KINGDOM.

Class 29. Miscellaneous Manufactures and Small Wares.

73. GATTI, A. & G. 20, Copies Row, Clerkenwell, Prop.—Articles used in making artificial flowers, both before and after being made into flowers.

74. HARRIS, J. 16 Wigmore St. Manm.—Articles used for artificial flowers, in the different stages of manufacturing. Ostrich feathers. Muff and tippet of padder or Mraeum feather.

75. EVA, Henrietta, Bath Pl. New Rd. and Ams-hill Sq. Hampstead Rd. Manm.—Vases of wax flowers and plants.


77. DORSEY, Elizabeth, 199 Oxford St. Inv.—Wax flowers.

78. CHERBE, Emma, 29 Edward St. Hampstead Rd. Manm.—Wax flowers.


80. EATON, J. 3 Cripplegate Buildings, Manm.—Hawthorn and May-tree and other British manufactured artificial flowers.

81. JONES, Isabella, 23 St. George's Rd. Notting Hill, Mod.—Group of wax flowers, from nature.

82. MOBLEY, Charlotte, G. 23 Eaton Mews South, Eaton Sq. Manm.—Vases on white satin, with chimneys and crowns, designed for trimming.

83. SKILL, Rebecca, 29 Warwick St. Pinmico, Inv. and Manm.—Infrangible wax flowers. Specimens of the materials employed.

84. STANTON, Mary, 19 Noel St. Islington, Manm.—Wax flowers.

85. GINO, J. & Co. Clonmel, Ireland, Manm.—Pale yellow and while soap; exhibited for quality.

86. MIRRO, T. Penny St. Blackburn, Inv. and Manm.—Improved fancy wax candles.

87. DIXON, G. 1 and 2 Upper Erne St. Dublin, Manm.—Improved composite and moulded candles. Household soap.

88. F BAREL, J. Darlington High Row, Durham, Inv. and Manm.—Tallow candles, which burn without smoking, manured and perfumed.

89. MITCHELL, G. A. Woolwich, Prod. and Inv.—Samples of vinegar, mineral candles, and of a composition for preserving houses from damp.

90. JONES, Rev. W. H. Chalier, near Lewes, Sussex, Inv. and Pat.—The ecclesiastical patent safety candle-cap.

91. SANDELL, E. Putney, Inv. and Manm.—Oleiferous lighters, for lighting tapes, lamps, &c., and refreshing the atmosphere of sick-chambers, smoking-rooms, &c.

92. HALE, W. S. 73 Queen St. Manm.—Searine, and searine and composite candles, &c.

93. FREEMAN, Messrs. 3 Wigmore St. Cavendish Sq. Manm.—Bleached bees-wax and refined spermaceti candles, with plated wicks; with materials. Registered model of a percolator.

94. GOWRIE, T. Gun Lane, St. Stephen's, Norwich, Inv. and Manm.—Lemonsol, prepared from vegetable substances.

95. GRAHAM, LEMOY, & Co. Ireland.—Specimens of the process of the manufacture of losenges and comfits, with samples.

96. BOLAND, P. 133 Capel St. Dublin, Manm.—Various sorts of biscuits and cakes.


98. WITHERSPOON, J. & Co. Glasgow, Manm.—Lozenges, made by patent steam machinery.

99. HUNTER & PALMER, King's Rd. Barking, Manm.—Sweet fancy biscuits, made by steam machinery.

100. BROU, W. G. 20 Market St. Edinburgh, Inv. and Manm.—Samples of losenges and other confections, &c.

101. GUTTEN, R. Motcomb and Lowndes St. Belgrave Sq. Inv.—Two bride-cakes, for home use, and one for packing, to be sent any distance, or to foreign parts.

102. HUBBARD, H. B. Baker St. Enfield, Manm.—Gingerbread nuts and gingerbread, which will keep for 20 years.

103. SCHOFIELD, H. 7 North Side, Bethnal Green, Manm.—Pate de Jujubes; chocolate, sticks, drops, and in cake; and other ornamental confectionery. Gelatine, for printing, wrapping, &c.

104. WARBURG, BROTHERS 3 Garlick Hill, Manm.—Jujubes, losenges, and other confectionery.

105. VINE, R. King St. Borough, Manm.—Ornament for bride-cakes, in relief, with sugar icing.


107. ALAM, W. & S. St. Marylebone, Samples of blacking.


109. FARNELL, R. H. 35 Lambs' Conduit St. Des. and Manm.—Table ornaments for confectioners, in plaster of Paris, &c. Models in design or trimming.

110. SHELL, T. 1 Brook St. Hanover Sq.—The game of "cockamamie," improved. Model hay-cart.

111. MONTAGUE, A. 29 Upper Charlotte St. Fitzroy Sq. Manm.—Model wax dolls, the hair being inserted into the head, eyelashes, and eyebrows, and varying in size.

112. BOSCHERT, A. 74 Baker St. Portman Sq.—Animated and musical tableaux, representing the Great Exhibition and people of all nations. Panoptic polyram. Armorial trophies and Saracen armour, &c.

113. BLACKMORE, Mary, 1 Bosman's Buildings, Islington Green, Inv. and Manm.—Artificial flower-plant, formed of beads.

114. SPZUEN, R. C. 37 New Bond St. Des.—Mechanical toy model of an English farm, with figures, threshing-machine, wimble, &c. in aerostat.

115. LUCAS, H. 9 Broad St. Long Acre.—Progressive garden rocking-horse.

116. DEAN, J. C. 191 Bishopsgate Without, Manm.—Rocking-horse; and walking-sticks, carved.

117. BAUNY, T. St. Leonards-on-Sea, Manm.—Arrows, inlaid by machinery. Two small pony phaeton under-carriages. A kites, or Australian boomerang. A duplex from rest, for a turning lathe, on a new principle. Registered.

118. HOLLAND, H. Darwin St. Birmingham, Inv. and Manm.—Umbrellas and parasols, with metallic frames, illustrations of processes of manufacture.

119. STEWART, J. Briggate, Leeds, Manm.—Parasol.

120. WILCOX & MATHeson, Candlesticks St. Glasgow, Manm.—New portable umbrellas.


124. MINTY, B. 18 Cruchted Friars, Inv. and Manm.—Specimens of English sticks, rough and manufactured. Rattans, from India, &c. rough, and manufactured. Canes;
Bamboo; rattan; Spanish, Chinese, and American reeds; sticks from West Indies; and articles made of the same.

141 Lewis & Allenby, 168, 193, and 197 Regent St., London.—Parsol, new design.


143 Kitchen, J., 17 Bath Street, Liverpool.—Imported marble, supported by Mr. Henry Frost, Bathstone Place.

144 Carpenter, J., 59 Church Street, Old Kent Road, London.—Walking-sticks, carved and engraved by an aged gardener with his pruning knife, and a file for finishing the handles. Travelling umbrella, with folding handle. Bullet or defensive umbrella, &c., with metallic ribs, German silver, and other tubing.


146 Hambree, Harvey, & Co., 33 Wood Street, Cheapside, London.—Imported and manufactured. Registered cycloidal parasols.

147 Munro, A., 69 Bury Street, Westminster, London.—Specimens of bows, arrows, &c.

148 Howe, W., Harperstown, Tewkesbury, Gloucestershire, and Woodford, Ireland.—Trigbow.—Trigbow.—Trigbow.

149 Parke, T., Carlisle, Man.—Fish-hooks, artificial flies, &c.

150 Parke, J., Carlisle, Man.—Fishing tackle in the various stages of manufacture, with materials.


152 Nunn, W., 35 Castle Street, Carlisle, and Man.—Artificial flies and bait used in angling.

153 The Northumberland Patent Tackle, St. Andrews, and Man.—Samples of herring, trout, and mackerel nets, braided or meshed by machinery; of twines, fishing strings, and lines, rope, spun yarn, marine rope, &c.

154 Flynn, W., Worcester, Man.—Flexible baits, for salmon, trout, &c.

155 Allis, F., Worcester, and Man.—Various artificial flies, for salmon, trout, &c.

156 Massy, W. A., 41 Sir Thomas's Buildings, Liverpool.—Pair of bowls and jack, representing the English game of bowling.

157 Davidson, G., & W., 17 Quay, Aberdeen, Man.—Aberdeen salmon bag-net.

158 Kelly & Sons, 52 Lower Sackville Street, Dublin, Man.—Fishing-tackle. Great art, &c.


160 Alock, S., Redditch, near Worcester, Man.—Artificial flies and baits, in books for angling, fishing lines, floats, gimp, swivels, artificial minnows, and other tackle.

161 McNaught, J., Tillicoultry, Alloa, Scotland, and Man.—Fishing-rods, exhibited for superiority of execution.

162 Fullam, G., P. R., Crewe, and Man.—Artificial flies, for river fishing.

163 Morley, J., Nottingham, and London.—Fishing tackle.

164 Sim, A., Dunkeld, Scotland, and Man.—Fishing lines, various, wrought by hand.

165 Smits, W., Buckfast, Plymouth, and Man.—Minerals from the Ochil Hills, collected by the exhibitor. Two new alkalic acids, citrate, and phosphoric. Starch and iodine. Model of a new electro-chemical printing telegraph; the type or writing is placed into the instrument at one station, and the copy printed in blue letters upon white paper at the other stations. Model of the first electric telegraph ever invented.

166 Harris, H. R., Gt. Yarmouth, Prod.—Four "sun" pictures. Not for keeping fish alive.

167 Geere, A., 12 St. Mary's Place, London.—Fishing rods and tackle, on improved principles.

168 Ursus, R. & Farnes, 16 Bell Yard, Temple Bar, London.—Bamboo cane fly and salmon fishing rod. Artificial angling baits, including flies and insects, silk worm gut, taper fly line, &c.

169 Little & Co., 15 Petter Lane, Fleet Street, London.—Superior fly-fishing rod. Improved cane and pontoon rods; winches; fly and dubbing books, with tackle and flaps.

170 Buchanan, J., 191 Piccadilly, London.—Three bows of yew wood, cut from the Alps, the first brought to this country. A variety of bows and arrows.

171 Fawcett, C., 31 Strand, Man.—Fishing rods, tackle, and cases; with various artificial flies and insects.

172 Berrill, J., 4 Chapman Place, Piccadilly, Man.—A variety of fishing rods and tackle.


174 Alfred, W. H., 54 Moor Gate, Manchester, Man.—Complete set of highly finished fishing tackle.


176 Adams & Aldred, 129 Oxford Street, London.—Bows, arrows, and archery accoutrements. Fishing rods and tackle.

177 Fawcett, J. E., Crooked Lane, City, London.—Tackle for salmon fishing, &c.

178 Jobson, J., 117 Jericho Street, St. James's.—Fishing-rod and tackle.


180 Grazier, M., High Street, Eton.—Bats, stumps, balls, gloves, &c., for cricket and tennis.

181 Gilbert, W., Rugby, London.—Football of leather dressed expressly for the purpose.


183 Clements, J., Leicester, London, and Man.—Newly invented cricket bat, with flexible handle.

184 Field, G. A., Devonshire Place, Kennington Oval, London.—Group of wax fruit.

UNITED KINGDOM.

Class 29. Miscellaneous Manufactures and Small Wares.

191 DURK & Son, Penshurst, near Tonbridge, Kent. Manufactures—Articles used for the game of cricket.

192 PRADDE, A. C. Cartwright, St. Albans, Herts. Manufactures—Board and pieces, for playing the game of Agas, or the Queen’s game; with book of instructions. To 194.

194 PAGE, ELEPHANT & W. Kennicott, Common, Mers, Deer and Mann.—Cricket stamps constructed on a novel and simple principle.

196 LILLYWORTH & Sons, 10 Prince’s Terrace, Islington, Inv. and Mann.—Cricket bats and gloves. Wickham’s trap balls. Allen’s stamps. Leg-guard, new design. India-rubber gloves, lined dress, &c.

197 DARR, MATILDA & Sons, Lord’s Cricket Ground, St. Marylebone, Mann.—Cricket bats and uniforms.

198 DARE, R. Lord’s Cricket Ground, Inv. and Mann.—Articles used in the game of cricket; tubular India-rubber gloves; gauntlet gloves; leg guards; spiked soles for shoes; and cricket balls.


200 ELLIOT, T. Reading.—Stuffed animals and birds. Stuffing for filling the body. Bats and stumps.

201 CHESTER, A. Dunkeld, Scotland. Taxidermist.—Stuffed partridges and thrushes.


203 WRIGHT, J. A. Bishopsgate St. Within, Prop.—St副主席’s patent diaphragm tobacco-pipe bowl, manufactured in his premises. Wood and Sons.

204 THOMPSON, T. Heybridge Common, Chertsey, Surrey. Inv. and Mann.—Imitative cameos, and gold and silver wafers.

205 TAYLOR, Wm. Polytechnic Institution, Des, and Prod.—Specimens of ornamental cutting in paper with scissors, adapted for lamp-shades, stove-papers, &c.


207 SACKER, F. C. 7 Lipping Pl. Mile End, Des.—Compendium, or razor-strop, the stop itself being formed of a composition of wood.

208 ROGERS, R. & H. Prospect Row, Waltham, Mann.—Specimens of glass, emery, and sand papers and cloths.

209 HALL, T. 6 Moss Pl. City Ed. and Mann.—Stuffed snakes in glass shade.

210 LEADBETTER, J. Brewer St. Golden Sq.—Stuffed Indian game birds, &c.; large specimen of the teak and small species of dog.

211 SALTER, T. 7 Gt. Portland St. Inv. and Prod.—Preserved birds, on artificial frost and snow, with water and a rock.

212 GARDYER, J. 426 Oxford St.—Various specimens of stuffed birds, birds of prey, indigenous to Britain, and show plumaged birds.

213 ANDERSON, R. Dunse, Scotland, Mann.—Artificial salmon and trout-flies, for the lakes and rivers of Scotland.

214 FISHER, E. St. Mar’s, Wixebch, Inv. and Prod.—Models of stacks, to show a new mode of covering them with wood, iron, zinc, &c.

215 SLATTERY, J. Chedice, Staffordshire, Inv. and Mann.—Twine reel for drapers, druggists, grocers, &c.


217 DEW, A. S. Childwall St. Low Hill, Liverpool.—Brushes for plate, watches, and jewellery, of human hair, &c.

218 CROSBY, T. Ashby-de-la-Zouch, Leicestershire, Mann.—Stones for burnishing plate and gilded work, rough and finished.

219 LAMBERT, ELEPHANT & 99 Leman St. Goodman’s Fields, Whitechapel, Mann.—Artificial flies, for angling.

220 MOORE & MURPHY, Holborn Hill, Inv. and Mann.—Rich wedding cake, with removable ornament.

221 ADAMS, D. Nottingham, Inv.—Instrument to enable a blind person to thread a needle.

222 DUNBAR, W. Loch Inver, Golspe, Scotland, Preserver.—Two cases of Sutherlandshire wild birds and animals.

223 WOOD, J. Hopwood Lane, Halifax.—Wrought polished steel tobacco-pipes.

224 BROWN & Son, Leeds, Mann.—Bobbins and skewers used in its preparing, spinning, and twisting of cotton; fax bobbins, creed pins, and bobbins, worsted bobbins, spools, and carrying rollers; silk bobbins, &c.

225 BROWN, J. 17 Treasurers’ House, Glasgow. Inv. Pat. and Mann.—Cooper’s work made by machinery, including cask-heads and staves. Model of a machine for elevating firemen at fires, and fire-escape.

226 STANDISH & BROTHERS, Manchester, Mann.—Braids, in gold, silk, moire, worsted, and cotton. Lace, and plaited lines. Cord for dresses. Bindings, figured and plain, and fringes for trimming.

227 HALL, J. Green of Gate St. Oldham, Des, and Mann.—A bird-cage, containing 2,522 pieces, and composed of 21 different kinds of wood.

228 BELL & BLACK, 15 Bow Lane, Mann.—Vestas and congreves matches, with machine for cutting them, &c.


230 BUNNY, R. Bristol, Inv. and Mann.—Models of feet, of a material that will bear nailing or hammering, on which boots or shoes can be made.

231 RITCHIE, J. 2 South back of Canongate, Edinburgh, Mann.—Sash-line, with morass centre. Metallic cord, for fringes, pictures, and bell-pulls.

232 EAMUS, E. J. Doncaster, Mann.—Wood sheets or top sheets, for packing fine combed wool, called "togs."

233 HAYLEY, F. 1 Oriel St. Oxford, Inv.—Essel, for artists sketching out of doors, containing apparatus, &c.

234 BRINDLEY, J. Milk St. Bristol, Inv.—Small cask, of peculiar construction, having in itself eight casks, with means of filling and drawing from each. Reticule or carriage basket, for ladies’ fancy work, &c.

235 WAX, T. & Sons, near Alnwick, Newcastle, Mann.—Lady’s penannular and piercches, made by a working blacksmith. Swing plough, constructed so as to prevent dirt or soil attaching to the mould board.

236 DOWNE, S. Ifford, near Glastonbury, Des.—Model of a decoy pool, for taking wild fowl.

237 KITTRON, J. Jun. Rudham, Rougham, Norfolk, Inv.—Model of a funnel for transmitting liquids, which allows the air to escape.

238 BUSSON, D. Frome, Somerset, Des. and Mann.—Tin moulds for jelly, &c. Paste and vegetable cutters, &c., made by hand.

239 ALCOCK, S. B. & Co. Dublin Blacking Works, Mann.—Sample of liquid blacking.

240 MITCHELL, W. Wellington St. Portobello, near
UNITED KINGDOM.

Class 29. Miscellaneous Manufactures and Small Ware

Edinburgh, Inv.—Horn of a bull, with iron-frame and stuffed buffer attached. Somatic electric brush.

377 Lucas, G. 43 Kennedy St. Manchester, Inv. and Manu.—Brass and zinc door, window, and sign-plates, engraved by machinery. Designs for letters, plates, doors, windows, &c.

378 Esdale, J. Est Pk. Hulme, Inv. and Manu.—Hat-felt, used by printers of calicoes, silks, woollens, &c. Woolen-felt, for polishing plate-glass, marble, &c. Felted gloves, used by glass-blowers, iron-founders, and others, &c.

386 Wood, J. York, Inv.—Registered razor, single bevel, showing the different stages of manufacture. York keys, or barrels, used by sportsmen for carrying wine, &c.

387 Dutton & Co. Runcorn, Cheshire, Manu.—School seats manufactured by machinery, framed in mahogany and bird-eye maple.

389 Mallalieu, W. 97 Hatton Garden, Imp.—Models of dwellings and implements made by the Christian Esquimaux, at the Moravian settlements on the coast of Labrador, North America.

280 Local Committee, Hull.—Specimens of the staple imported articles of the port of Hull, accompanied with descriptions and statistical information.

291 Vallate & Longstaff, 12 Gate St. Lincoln's Inn Fields, Mann.—Shoemakers', saddlers', and harness-makers' thread. Heel-balls for shoemakers' use.

292 Witts, W. Devizes, Wilts, Prop.—Case of stuffed partridges.

293a Turville, J. 58 New Bond St. Mann.—Portable writing-desk and receptacle for private papers and money.

293a Burlinn, Maria, 9 Union St. New Bond St. Manu. —Fancy pincushions, match boxes, &c. manufactured from common egg shells.

294 Hoxton, Ann, 7 Langthorn Pl. Stratford, Mann.—Basket of wax fruit. Plates of wax pastry and vegetables.

296 Kirkley & Beard, W. H. Mann.—Shawl pins and beads.

305 Barling & Sons, 143 High St. Camden Town, Des. and Mann.—Silver-mounted meerschaum smoking pipes.

306 Warrington, Sir J. Bart.—Two pair of hand-screens, made from the feathers of wild birds, in the Outer Hebrides, by Miss Cameron, Stornoway.

307 Bourjay, P. 13 Davis St. Berkeley Sq. Inv.—Vulcanized India-rubber webbing for bandages, &c.

310 Falkner, Jean Marie, Cologne, and 1 Salter's Hall Ck. Mann.—A new extract of Eau de Cologne.

311 Hammond, Margaret, 12 Bromley St. Commercial Road East.—Victoria Regina, and orchidaceous, in wax.

312 Herber, Mrs. F. Chester, Castle, Monmouthshire, by moonlight. Specimen of Papier-maché : a novel method of representing landscapes in tissue-paper, simply by the use of knife and scissors, without the aid of colouring.

313 Price, J. Gateshead, Newcastle-upon-Tyne, Mann.—Large flint glass carboy and specie jar. Jasper glass vase and table. Sheet glass for glassing frames for engravings, &c.

314 Pringle, Miss, Wellington, Somerset.—A small basket of rice-paper flowers, cut out with scissors.

315 Banks, Emily, & Lean, Ellen, South St. Wandesworth, Des. and Manu.—Picture frames of ornamental leather work.

316 Oliver, B. S. Nottingham, Mann.—Pasteboard-boxes for laces, hose, tie, glove, and fancy articles.

SECTION IV.—FINE ARTS.

TRANSEPT.


DAVIS, E. 67 Russell Pl. Fitzroy Sq. Sculp.—Venus and Cupid.

EVEL, T. 1 Vincent St. Ovington Sq. Des.—Model, Jacob and Rachel.


HOLLAND, J. 1 St. Albans Rd. Kensington, Des. and Prop.—Group, Cupid strung by a Bow, completed to Venus. Statue: Sampson bursting his Bonds. Musdora.


MACDONALD, P. A.R.A. 75a Margaret St. Cavendish Sq. Sculp.—Colossal group of Virgin and Daughter. Cupid, statue in marble. Eve, a model.


STEPHENS, R. B. 27 Upper Belgrave Pl. Pimlico, Des. and Jav.—Satan tempting Eve. Eve offering to Adam the Forbidden Fruit. The Expulsion from Paradise. The Curse. The Death of Abel. Satan, vanquished by the Archangel. “And he laid hold on the dragon, that old serpent, which is the devil and Satan, and bound him a thousand years.” Rev. xx.

THEDE, W. 12a Henrietta St. Cavendish Sq. Des. and Sculp.—Statue of Prometheus, in marble.

THOMSON, T. and MARY, 33 Stanhope St. Hampstead Rd. Sculp.—The Jealousy of Medea. Alfred the Great receiving from his Mother the book of Saxon poetry. Her Majesty on her favourite charger Hammon.


MAIN AVENUE.

ARCHER, J. W. 46 Claremont St. Somer's Town, Des.—Monumental tablet in brass, to the memory of the officers of Lord Harding's staff, who fell in the battle of the Sutlej; produced by direction of Lord Hardinge, and intended to be sent to India. The ornamentation composed entirely of Oriental poems.


ELDREDGE, JOHN, EARL OF PROP.—Stowell group, representing John, first Earl of Eldon, for nearly 25 years Lord High Chancellor of Great Britain, and William Baron Stowell, 29 years Judge of the High Court of Admiralty. Des. and mod. by the late Mungrey Watson, and executed by G. Nelson. Each statue is wrought out of a single block of marble, and the whole weighs 30 tons.

LIVERPOOL LOCAL COMMITTEE, Town Hall, Liverpool, PROP.—Model of the docks and commercial portion of the town of Liverpool, exhibiting a river front of five miles.

MATHER, W. A.R.A. 47 Ebury St. Eaton Sq. Sculp.—Mod. of a statue of Dr. Jenner, proposed to be erected by all nations. Zephyrus and Aurora. Sabrina, statue in marble. Visit Milton's Country.

MATHER, A. A. 30 St. Marlborough St. Des. and Sculp.—Gothic monument and Purbeck marble tablet, with embossed inscription in early English character.

PANOPOLO, C. A.R.H.A. Queen St. West, Dublin, Sculp.—Clay model, an original design, liberation of Carcasso.


SHARP, T. 27 Burton Crescent, Des. and Sculp.—Chimney-piece, with electro-gilt mountings, by Brine and Sharp.


WYATT, M. C. The Grove, Paddington, Des. and Sculp. &c.—Equestrian group in bronze, the size of life. Group and pedestal, mosaic sculpture. "The faithful friend of man trampling under foot his most insidious enemy." Statue of a horse. Bronzed head and neck of a colossal horse, being part of the group of the Wellington statue.

SCULPTURE GALLERY.

BAXENDALE, W. 13 Osmaston St. Sculp.—Statue, in marble, of a Startled Nymph.


BRADLEY, J. Fore St. Exeter, Des.—Table painted on slate, in imitation of Devonshire marbles.

BROWN, A. H. 4 Red Cross Sq. Des.—David before Saul, a statue in plaster.

CAREW, J. E. 40 Cambridge St. Hyde Park, Des. and Sculp.—Original model: Descent from the Cross. Baptism of Christ. The model of the altar piece in
UNITED KINGDOM.

Class 30, Sculpture, Models, and Plastic Art, Mosaics, Enamels, &c.


Davey, J. 14 Conduit St. West, Hyde Park.

—Stamp of a girl: 6 study from nature.

Foley, J. H. A.R.A. 19 Osneyburgh St. Regent's Park, Des. and Sculpt.—Ino and the Infant Bacchus.


Furness, J. 50 Basing Pl. Waterlooo Rd.—Portrait statues of John Flaxman, executed by the late M. L. Watson.

Farrar, J. 14 Lower Gloucester St. Dublin, Des.

—The pet dove's return, a group in marble.

Farrar, T. 128 Lower Gloucester St. Dublin, Des.

—Early Sorrow, sculptured in marble.

Gallagher, J. 10 King St. Regent's St. Dublin, Des. and Prod.—Design for a fountain in plaster; Ariadne disconsolate at the loss of Theseus.

Gibson, J. R.A. of Rome.—Bas-relief in plaster, representing the Hours and the Horses of the Sun.

Huges, T. 28 Long Acre, Des.—Plaster figure of Eve: "The serpent beguiled me, and I did eat."—Paradise Lost, bk. 10.

Knott, R. Portsmouth, Des.—David with the head of Goliath.


Lawlor, J. 50 Wyndham St. Bryanstone Sq. Des.

—A Bather, statue in plaster.


Millet, F. M. 24 Bloomfield Ter. Pimlico, Sculpt.


Cupid in Disguise.


Plows, W. Eoss Bridge, York, Des. and Sculpt.

Model for a sarcophagus in stone found at Hildesley, near Malton. Table, inlaid with petrified wood (found in Yorkshire) on a pedestal of Yorkshire marble. Black marble table, with mosaic symbols, found in the crypt of York Minster.


Quinlan & Curns, Castletown, Isle of Man, Prod.—Slabs of Poolvash black marble, inlaid with red and yellow composition, to imitate encaustic tiles: invented and designed by J. G. Cameron, &c.


—Two statues in medieval costume: Michael Angelo, and Lady Danberry.

Summer, C. 106 Warwick St. Pimlico, Des. and Mod.

—Statue, in plaster, of boy playing with shell.

Thomas, J. E. 7 Lower Belgrave Pl. Sculpt.—The spirit of science unveiling ignorance and prejudice.

Thomson, T. A. and Mary, 30 Stanhope St. Hampstead Ed. Sculpt.—Life-sized figure of our Saviour bearing his cross, executed by an artist in three months, by gaslight.

Treadwell, J. 1 St. John's Pl. Lisson Grove, Des.—Model of Saher de Quirmay, Earl of Winchester, A.D. 1251, to be executed in bronze, for the House of Lords.

Woodley, J. Torquay, Des. and Manu.—Circular marble table, 3 metricals, inlaid with specimens of marbles and marbles, found in Devon.

Tyrconnell, Earl of.—Statue in marble, a Greek hunter and dog, by J. Gibson, R.A. of Rome.

FINE ART COURT.

Aldred, S. working printer, 38 Fetter Lanes, Sculpt.

—The Shakespeare Jubilee.


Andrews, D. Glasgow, Prod.—Copies of engraving executed with a common pen, in China ink, by Joseph Lindsay, a seaman, and pupil of the Glasgow Deaf and Dumb Institution.


Appley, R. 43 Greville St. Soho, Inv.—Prints by Albert Durer; plates taken by the mostiglous process with impressions; specimen of Appolotype printing.


Austen, W. Limehouse, Sculpt.—The Crucifixion.

Bailly, R. L. D. University Museum, Dublin, Des.—Model of the ancient harp of Brian Boru (Bren Boru) king of Ireland.

Bally, W. 54 King St. Manchester, Inv. and Manu.

—Busts in miniature, in illustration of phenology.


Barrett, J. L. 173 Fleet St. Des. and Manu.—Model of a picture: The water mill, summer evening.

Bates, J. 28 Stafford Place South, Pimlico, Sculpt.—The bearded hawk and butcher bird.


Bates, J. Lewes and Ringmer, Sussex, Des.—Two models of improved farm-yard and buildings.

Bratty, W. H. 10 Peter St. Dublin, Des.—Statuette group of wax, of the Earl of Clarenbone's two children.

Benson, W. 13 Osneyburgh St. Sculpt.—Statuettes: Lady Godiva, Europe, Sir Robert Peel.

Bolwart, Gov. Solutions of Ireland, Prod.—Designs for embroidery, &c., by pupils of the school.

Bulmer, H. 14 Paddington Pl. Holywell St. Westminster, Des. and Manu.—Enamelled slate table. Imitations of marbles, and specimens of enamelled slate, for casing walls.
UNITED KINGDOM.


BOWS, H. P. 28 Percy Sq. Prod.—Embellished paintings.

BOWS, J. James 2, Edinburgh, Des. and Chaser.
—Specimens of silver embossed chasing in heraldic and other styles of ornament, intended chiefly to be used for brooches.

BOWNES, W. North St. Andrew St. Edinburgh, Des. and Prod.—Group in plaster: Little Nell and her Grandfather.


BURG, R. 9 Durham St. Southsea, Portsmouth, Pro.
—Group of horses, carved in cork. Subject: 'The Story of Macedonia.'

BUTLER, L. 41 George St. Edinburgh, Engraver—Intaglios, heads of Scott and other eminent men; oxen stones cut as camoes, &c.

BURY, O. 9 Memmington Rd. Westbourne Grove, Des. &c.—Ornamental framework in cork.


CAMPBELL, J. S. Berry Hill, Pendleton, Manchester, Des. and Executor.—Topographical oil painting: Bird's-eye view of the Gulf of Naples. An illustrative expression of the laws by which the surface of the earth assumes particular forms.

CARRIE, T. 10 Montague St. Portman Sq. Inv.—Application of white marble to miniature painting. The frame by H. Vigne, Albion Place, Little Chelsea.

CARRIE, C. Canterbury, Des. and Mann.—Lego table slab, inlaid with variously-coloured woods, whalebone, bone, ebony, &c.

CATLING, G. 6 Waterloo Pl. Des.—Model of the Falls of Niagara, from an actual survey in 1837; comprising nearly a square mile around the falls.

CHADDE, C. 9a Skinner St. Snow Hill, Des. and Eng.—Specimens of transfer stencilling, medallion, and sculpture engraving, by machinery.

CHAUNCEY, F. Chelmsford.—Model of a covered homestead for a farm of from 300 to 500 acres, exhibiting an improved arrangement, &c.

CHAPPELL & Co. 50 New Bond St. Prop.—Specimens of lithographic music printing.

CHEEVER, J. 59 Camden St. Inv.—Imitation stone candlesticks, ring-stands, &c.

CHEREVER, H. 33 Camden St. Camden Town, Inv.—Carvings by machinery. Those in ivory and marble finished by hand.

CHRISTIE, G. North Bridge, Edinburgh, Des. and Mann.—Specimens of Scotch pebble mosaic work. Chandeliers of silver scrolls, &c., ornamented with enamels of various colours.

CHRISTIE, A. Royal Institution, Edinburgh, Des.—Twine-holder.

CHRISTIE, J. Carmyle, Arbuthnot, Des.—Groups in burnt clay, characteristic of the manners and dress of the Scottish peasantry.

CLARKE, T. C. 9 Percy Circus, Lloyd Sq. Des.—Design for a national gallery for sculpture.

COOPER, W. Esker, Prop.—Models made of the pith of the common green rush, used in making rushlights.

COX, H. 6 Brewer St. Mann.—Etching ground. Bordering wax for etching. Leo Nino and abbas, in silk.

Cox, J. E. Railway Office, Greenock, Scotland, Inv.—Prepared panel, for amateur painting, requiring only a day or two to be ready for the artist.

Cox, G. Hyde Park Lodge.—Carvings in timetree wood.

COZENZ, E. J. 15 Little Queen St. Holborn, Inv. and Maker.—Model in alder pith.

COWELL, S. H. Ipswich, Suffolk.—Specimens of anastomotic printing, as applied to original drawings in chalk or ink, ancient deeds, wood engravings, archeological illustrations, &c.

Cox, G. J. Polytechnic Inst. Inv.—Specimens of transfer of delicate copper and steel-plate engravings to lithographic stone.

Cox, H. S Upper Southampton St. Pentonville, Des.—Model, Death on the Pale Horse: Rev. chap. vi. v. 8 to end.


DAY & SON, 17 Gate St. Lincoln's Inn Fields, Prod.—Specimen of tinted and coloured lithography, from drawings by Le Hague, G. Hawkins, E. Walker, M. Digby Wyatt, and F. Bedford.

DAY, E. 1 Buckingham Pl. New Kent St. Mod.—Portico of the Farnham at Athens; Temple Church, Fleet St.; portrait of the Pantheon at Rome; the Martyrs' Memorial at Oxford; a chancel in decorated Gothic, the window from Hereford Cathedral.

DAY & SON, 17 Gate St. Lincoln's Inn Fields.—Specimens of tinted and chronographically lithographed, by and after L. Hage, G. Hawkins, E. Walker, M. Digby Wyatt, and F. Bedford.

DAYMOND, J. 5 Regent Pl. Westminster, Des. and Sculp.—Vase and flowers, in marble.

DICKERSON, J. 1 Waterloo Pl. Commercial Rd.—Model of York Minster, executed with a penknife.

DICKERSON, W. 4 Crescent Pl. Bridge St. Blackfriars, Inv. &c.—Oil colour printing.

DICKIE, J. B. 27 Holland St. Fitzroy Sq. Prod.—A chromolithograph, in six colours.

DODGSON, W. J. & C. 39 Artillery Pl. West, Brabille Row, Des. and Eng.—Silver waiters; glass dessert plates, &c., elaborately ornamented.

DOWLING, C. H. 46 West Sq. Southwark, Des.—Architectural design for a baptistry and font.

DREW, M. 41 Tottenham Court Rd. Mann.—Coloured lithographic labels by a new process.


EQUILANT, E. 346 Oxford St. Mann.—Leather flowers and fruit, adapted for upholstery and decorations.


FAIRFAX, P. 4 Hawley Ter. Camden Town, Des. and Mod.—Friezes, for a dining-room chimney-piece, &c.

FOSTER, E. R. 1 Prince's St. Bank, Imp.—An ornamental stone vase, carved out of the rock of Malta, by a native of the island.

FOXX, J. C. Brighton, Des. and Mod.—Design for a pediment. Statuettes in plaster: Chancer, Speaker.

FOWLER, C. 1 Gordon Sq.—Model of St. John's church, Paddington, executed in card-board by Mr. T. Dighton.
UNIVERSAL CATALOGUE OF ARTS AND MANUFACTURES.

FOURTH, H. Balliogean, Dublin, Des.—Model of a
temple.

GARDIN, L. 59 Westbourne Grove, Hyde Park
Gardens, Sculpt.—Bronze bust of Sir Robert Peel, modelled,
cast, chased, and finished by the exhibitor.

GEAR, J. W. 5 Charlotte St. Fitzroy Sq. Inv.—
Specimens of a composition to supersede ivory, for large
water-colour paintings.

GIFFORD, J. Royal Polytechnic Inst. Sculpt.—Lion,
tiger, elephant, and Alpaca goat, engraved in cornelian.

GILY, G. New Buildings, Ludlow, Prod.—Model of
the chapel in Ludlow castle, a copy of the holy sepulchre
at Jerusalem.

GORDON, J. 46 Park St. Bristol, Carver.—Carvings
in box-wood. Vase from the antique, and Bellarussis. Male
anatomical figure in ivory, with supplementary models.

GORSTONE, W. Chichester, Manu.—Architectural
models in paper.

GOULD, W. 85 Holborn Hill, Des. and Mann.—
Monumental brass; new method of inlaying metals by the
galvanic battery, and novel application of glass in combina-
tion with metals.

GOULD, J. 20 Broad St. Golden Sq. Inv.—A new
mode of representing the luminous and metallic colouring of
the Trochilidae, or humming birds.

GREEN, C. 1 Great Castle St. Regent St. Manu.—
Lithographed engravings, tinted and coloured. Illuminated
prayers, ancient missal style, &c

GRAINGER, R. Newcastle-upon-Tyne, Des.—Models
of proposed Town and County Courts, and of the Central
Exchange Buildings, Newcastle-upon-Tyne.

GRAVES, D. King's Langley, Des. and Mann.—
Designs suitable for founders, goldsmiths, ornamental
painters, paper-stainers, &c.

GRAVES, D. King's Langley, Herts, Des.—Life of
Our Saviour, illustrated with 100 original designs, suitable
for the goldsmith, ornamental decorator, paper-stainer, &c.
exhibited with pen and ink.

GREEN, J. 109 Gr. Portland St. Des. and Eng.—A
military trophy engraved on zinc.

GROSH, G. 26 Newman St. Oxford St. Inv.—
Composition tables and vases, in imitation of bronze, steel,
and gold. Portland vases, the Nero cup, &c. in frosted
silver.

HALL, R. Botherhills, Des. and Carver.—Figure of
Her Majesty, carved in English elm, designed for a ship's
figure head.

HARRISON & SON, 45 St. Martin's Lane, Des. and
Mann.—Inscriptions from Assyrian monuments in the
Cuneiform character, discovered by Mr. Layard, printed
with moveable types.

HARLEY, J. 1 Wilton Pl. West, Regent's Park, Prod.
—Enamel paintings on gold. The Queen in her bridal
dress; the Prince of Wales and Prince Alfred, after Winter-
halter, &c. from the collection of H.R.H. Prince Albert.
Three engravings on porcelain: The Good Shepherd, after
Murillo; the Infant Samuel, after Reynolds; and Biblia
Eritrea, after Domencichino.

HAYFIELD, J. A. 21 Cumberland St. Middlesex Hospital,
Manu.—Bronze bust of Her Majesty, after Chantrey.
Bronze figures, Youth at the Stream. The Gladiator.

HAYWARD, R. J. Daines Pl. Kentish Town, Inv.—
New process of inking steel plates for printing.

HEATH, L. J. Coventry St. Des.—Egg-shells carved
with views inside, and others engraved on.

HICKS, R. 28 Southampton St. Strand, Mann.—A
mosaic table, to show a new application of minerals for
figures, panels, &c.

and Des.—Calotypes of the fishermen and women of New-
haven, near Edinburgh: produced by the late R. Adamson.
HUXLEY, R. Orchard St. Kensington, Chalk.—Model
of a carriage in cardboard. Every part made to act.

BENNETT, T. 16 University St. Inv.—Design for a
simple scale to enable the statuary or painter to realise, with
speed and certainty, the facial proportions.

HOLMAN, May & WALKER, 51 Gt. Marlborough St.
Inv. and Prod.—Drawing on stone with the stump. Com-
bined with the stump style of lithography; &c. Litho-
drawings (paleo), drawn on the stone with liquid ink and a
brush.

HULME, W. 4 Hereford Sq. Old Brompton, Des.
—Specimens of an improved method of stump lithography:
the materials invented by the late C. Hullmandel.

HUMPHREYS, N. H. 120 Dorchester Pl. Blundford
Sq. Des. and Prod.—Specimens of decorative printing, and
book-binding.

HUMPHREYS, J. 13 Howard St. Strand, Inv. and
Mann.—Portable metallic letters, to be fixed on glass.

HUNT, C. Jun. 27 Sale St. Paddington, Des.—En-
amelled slate, suitable for signs, facing, &c.

JONES & Co. 314 Regent St. Prop.—Ornamental
printed muslin, in all colours and from stone. The muslin
engraved on pewter, transferred and printed from stone.

KATZMAN, E. 5 Duke St. Regent St. Inv.—Satana
apostrophising the Sun. Print Milton's Paradise Lost.

KIRKHAM, W. H. Marlborough Cottage, Brompton,
Inv.—Crayon painting, executed with Keramy's Venetian
paste; impervious to damp, and for internal decorations.

KING, T. R., 5 Church Row, Islington, Inv. and
Des.—New style of painting, consisting in the application
of finely-powdered colour to a granulated oil-ground.

KIRCHHAM, T. Des. and Eng.—Seals and dies.
Initial letters from the eighth to the sixteenth centuries, &c.

KNOX, J. M. 39 Paternoster Row, Eng. and
Printer.—Colour printing. The Descent from the Cross,
after Rubens, &c.

LADSO, J. Calton Hill, Edinburgh, Des. and Mann.
—Glass chess or draughts board.

LADSHAW, M. 25 Oxford St. Des. and Prod.—The
Bath. The Evening Star. Daguerreotype.

LARKIN, E. Wavertree, Des. and Prod.—Models
in wood of Wavertree Church, Wavertree Hall, White-
chapel, &c.

LAYARD, CAROLINE, M. Bird's Grove, Coventry,
Mod.—Models of the Nineveh marbles now in the British
Museum, by a relative of Dr. Layard, self-taught.

LEES, J. Hinckley, Maker.—Model of the stock-
frame introduced into Hinckley, by W. Edes, in the
17th century, which, with some improvements of detail, is
still in use.

LEIGHTON, J. 40 Brewster St. Golden Sq. and 19
High St. Camden Town, Des.—The Seven Ages of Man; des.
for bas-relief, illuminated and mounted as a table top. Mono-
grams, &c. Des. for medals, a chandelier, book covers, &c.
Specimens of ink-lithography.

LAWES, D. Ragland, Maker.—The remains of the
Cistercian Abbey of St. Mary, at Tintern, Monmouthshire,
founded A.D. 1181.

LOGAN, ELIZABETH J. Ramsey, Isle of Man.—Modol
of H. R. H. Prince Albert's tower at Ramsey, Isle of Man,
composed principally of the minerals, sea-weed, &c. of the
island.

LUCAS, R. C. The Firs, Otterbourne, near Winchester,
Des. and Mann.—Ivory carvings; and imitation bronzes.

MARK, J. 26 Paradise St. Lambeth, Mod.—Model
of a testimonial to the memory of H. H. Adamson, Esq., M.P.
Erected at Sleaford, from the des. of W. Boyle, Esq.
UNITED KINGDOM.

Class 30. Sculpture, Models, and Plastic Art, Mosaics, Enamels, &c.

MURPHY, H. S. 83 Petter Lane, Des. and Manu.—Model for a general hospital.

MURDOCH, T. 56 Long Acre, Inv. and Manu.—Paintings with signum colours and glass medium, with assortment of materials.

MILLS, ISABELLA, F. Little Paxton, St. Neots, Hunts. Inv. and Prod.—Copies of engravings etched with hot wires. The instruments invented by the exhibitor.


MOWAT, N. 39 Upper Charlotte St. Fitzroy Sq. Mod.—Figures, illustrative of Mexican town and savage life.

MORGAN, E. St. Helen's, Swansett, Des.—Topographical model of Tynemouth Castle. Model of Tintern Abbey.

MORGAN, H. K. G. M.P. Johnstown Castle, Wexford, Ireland. Prop.—Model of Johnstown Castle, county Wexford, Ireland, the seat of Mr. Grogan Morgan, M.P.

NEWTON, Sir J. W. 6 Argyle St.—Pictures painted on ivory, joined together by the artist by a process of his own invention. The Homage. The marriage of Her Majesty, and the christening of the Prince of Wales, containing portraits of Her Majesty, Prince Albert, &c.

NICHOLS, E. J. 11 Argyle Pl. Des.—Designs for a screen to enclose a chapel. An attempt to adapt the forms of medieval architecture to iron.

NICHOLAS, MARY ANN, 7 St. Michael's Ter. Pimlico, Inv. and Des.—Imitation cameos.

NORSCH, E. 18 King William St. Strand, Manu.—1. Beobachserian vase. A copy of the Warwick vase, in serpentine marble. 2. Sabina, in serpentine marble, a copy of the celebrated group of Giovanni Bologna de Noval. 3, 4. Two vases, in agate, after the antique, 7 feet 6 inches high.

NORSCH, E. 18 King William St. Strand, Manu.—Warwick vase and Raps of the Sabine, after John Bologn, in serpentine marble. Copies in very scarce agate marble, from a very ancient jug in bronze, at the Museum at Volterra.

OZVOR, G. T. Victoria Ter. St. John's Wood, Des.—Device showing the arrangement and combination of colours of flowers, &c.

ORSKIN, MATHILDA, 4 Sydney Sq. Commercial Rd. East, Prod.—Mary, Queen of Scots, mourning over the Dying Douglas in Berlin wood.

PAPWORTH, J. W. 14 Cl. Marlborough St. Des.—4 decorative panel, painted in tempera.

PAUL, E. 73 Piccadilly, Des.—Drawing of the Jenny Lind locomotive and of the engines of H.M.S. the Des and Solway.

PARSONS, J. 10 New Castle St. Shoreditch.—Model of St. John's Church, Bethnal Green.

PARRI, W. 29 Newman St. Des. and Prod.—Arms, enamelled on slate. Magna Charta, enameled on vellum.


PEARCE, E. E. Nalissa, near Bristol, Des.—Model, in glass, of a house, showing plain brickwork. Another, showing freestone work.

PECK, J. F. J. Conisley Cottage, Torr, Teignmouth Ed. near Torquay, Prod.—A plate in Florentine marble, representing the fall of Troy, and the Greeks celebrating their victory.


POWELL, J. Trentham, Newcastle-under-Lyme.—Model of Shakespeare's house as it now exists.

Pratt, Dr. J. H. Weston-super-Mare, Inv. and Des.—Specimens of ornamental engraving on polished steel, effected by means of voltaic electricity.

RICHARDS, ELIZA, 7 Melbury Ter. Prod.—Table cover with heraldic border.


ROBINSON, R. N. 190 & Co. 51 Long Acre, Manu.—Canvas, prepared for painting brushes and pencils. Water colours.

ROBINSON, F. K. Whitby, Yorkshire. Maker.—Model of the ruins of Whitby Abbey before the fall of the great western window in 1780, and of the tower in 1830.

ROCHEER, J. T. Glasgow, Des.—Model of the arch at Dundee, erected to commemorate Her Majesty's landing there in 1844.

ROGERS, W. G. 10 Carlisle St. Soho.—A mod. in wood for a groom head, intended to be worked in gold. Historical cup, in memory of William III. A boldly carved trophy on a gilt ground. Two brackets of wood carved and gilt, with porcelain figures, by Chamberlain from models, by W. G. Rogers. A toilet-glass suggested by the Duke of Sutherland. A bust of Sir Walter Scott, carved by J.Engel, &c.

ROFFE, W. H. 10 Carlisle St. Soho, Des.—Design for a royal cradle. An illuminated inscription.

Row, P. 13 Denmark Ter. Islington, Mod.—Metallic portraits in wax.

ROBB, H. 15a Duroo Place, Kensington, Des.—Statuettes of the Duke of Wellington and the late Sir R. Peel, in wax, for Pariah and metal.

ROSS, BERWICK M. Bladensburg, Rostrorver, Ireland. Des. and Sculp.—Monumental Irish cross, of Caravucci, illustrating in bas relief, portions of Holy Writ.


ROWSE, H. H. 20 George St. Adelphi, Inv. and Des.—Tidal staircase which preserves the steps perfectly dry. A speedy Louis, to expedite the hoisting of light stones. Mod. of suspension bridge for railway carriage, troops, or other transit; landing-pler of wire rope, and iron tubing. Reg. improvement on Trafalgar's mast. Slating. Model, showing the comparative modes of slating and timbering. Model of the Royal Victoria Tower, proposed to be erected at Kingstown, Dublin, to commemorate Her Majesty's visit to Ireland.

SANDGROVANNY, B. 13 Clarence Pl. Brighton.—Terra cotta models of a wild boar, of a group of dogs, and of a stag hunted by dogs.

SCOLLS, H. C. Highgate Lane, Belsale Lane, near Birmingham, Manu.—Model of St. Paul's Cathedral, made from card-board by a penknife.

SRAV, J. Worship St. Shoreditch.—Model of Crosby Hall, Bishopsgate; built about 1470, by Sir John Crosby, Sheriff of London, and inhabited by Richard III.

SHEPHERD, M. S. 89 Great Commercial Rd. East, Prod.—Royal Exchange and Monument of London.

SHEPHERD, F. S. & Co. Stourbridge.—Method of coating the surfaces of cast iron with glass; patented by Wyatt, Stourbridge. With specimens.

UNITED KINGDOM.

Class 30. Sculpture, Models, and Plastic Art, Mosaics, Enamels, &c.

For example:

Wyke, R. 287 Regent St. Des. and Scalp.—Impression of the great seal of England, Scotland, and Ireland; the courts of law: the British colonial governments, &c.

Wyke, L. C. Medallist, Royal Mint.—Portraits of the Royal Children, modelled by command of Her Majesty. Model adopted by the Royal Commissioners as the second size Great Exhibition Prize Medal.

Wyke, W. R. A. Royal Mint, Des. and Mod.—Portraits of His Majesty and H.R.H. Prince Albert, being the model for the obverses of the Great Exhibition Prize Medals. Proofs of the coins of two preceding reigns, and also of Portuguese, Venetian, and New Grenada. Models of war and various other medals.

Yeo, D. D. Ashburton, Devonshire, Prop.—Specimen of oil painting on white velvet; adapted for the coverings of chairs, ottomans, sofas, &c.


Access:


Adamson, O. G. Glasgow, Prop.—A large bouquet, made from Brazilian birds' feathers, &c.

Adeney, J. 45 George St. Manchester, Des.—Illustrated plan of the township of Manchester, corrected up to 1851, showing all the public buildings, factories, &c.


Atkinson, Elizabeth, 9 Devonshire Pl. Harrogate, Yorkshire, Des. and Prod.—Figure of Her Majesty, and figures in Turkish costumes, &c. in wax.

Badcock, J. Brighton.—Photographic specimens of a vaccine, produced by inoculating the cow with small-pox, showing the character of the vesicles in their different stages.

Baird, J. Gilling, Richmond, Yorkshire.—Model of Chamber House, the seat of the Duke of Newcastle, in cardboard.

Baker, R. C. 33 Above Bar, Southampton, Des.—Design for a new style of monumental tables.


Barney, W. Derby, Inv. and Prod.—Bitch and puppies, in Derbyshire alabaster.


Battam, T. 2 & 3 Johnson's Court, Fleet St. Prod.—Collection of vases, with subjects from the antique.
UNITED KINGDOM.

Class 30. Sculpture, Models, and Plastic Art, Mosaics, Enamels, &c.

BEEVOR, J. M. D. Newnham-upon-Trent, Iny.—A fox-haunt, illustrated of an improved process of taxidermy, affected by the use of gutta percha, in a model of the animal.

BELL, W. C. 44 Dean St. Soho Sq. Prd.—Enamelled painting: Etce Homo, after Correggio.

BEER, J. North Audley St. Inv.—Engravings by clockwork, for the prevention of forgery. Oval medallion of Her Majesty, produced by a single line of equal thickness, and 229 feet in length.


BOSS, J. Plymouth, Devon, Mass.—A chimney-piece, designed by O. C. Arthur, architect; and a font, in the perpendicular style, designed by W. D. -, architect; executed in marbles, &c. found in the neighbourhood.

BROOKER, C. St. Mary’s, Bedford.—Drawing, executed with a lithographic pen, and Indian ink.


BROOK, A. School of Des. Manchester, Des.—Decoration, suitable for the top of a door or window in a music room.

BROOKER, G. 3 Trinity St. Cambridge, Des.—Model of a 120-gun ship, in cork. Design of the great quadrangle of Trinity College.

BROOKER, G. St. Alfana, Herts. Prop.—Clay attachment, for facilitating the performance on the violin, violoncello, and double bass.


BULLE, S. Peterborough, Prd.—A series of pictures from nature, taken by Talbot’s photographic process, called calotype, and printed from paper negatives.

BUNY, J. Wells, Somerset, Mass.—Models in English oak and in ivory, of a chair formerly the property of Abbot Whitby.

261 BOYNTON, C. F. Manton Lodge, Greenshays, Manchester, Des. —Case of designs, stained and painted glass-windows, and interior architectural decorations.

BOYES & PALMER, Manchester, Prd.—Models, in plaster, of windows designed by J. E. Graffin, architect.


CALVET, Rev. W. S. Gt. College St. Westminster, Des. and Artist.—Specimen of pyrography, executed upon time-tree with a common poket, heated to a red hot.

Cameron, G. 11 Shepherd’s Market, May Fair, Inv.—Imitations of damask, in paint, for decorations.

CAMPBELL, T. 16 Gt. Marlborough St. Des. and Sculpt.—Bas-relief, statue of a peer robed.

CARROLL, P. H. 10 Henrietta St. Covent Garden, Maker.—Models of a three thousand square miles of England; of part of the port and town of Dublin; of Belfast, in Ulster, and of the country between Manchester and Southport.

CARRUTHERS, W. Belgravia.—Model of the new church at Southwater, Sussex, in Belgravia stone. Designed by J. P. Harrison.


CHAPMAN, J. 23 East Pl. Lambeth, Sculpt.—Carved oak Gothic looking-glass frame, of the perpendicular style.

CHERRY, B. J. 1 Bishopsfield Rd. Maida Hill, Prd.—The Holy Family; a specimen of enamel painting on porcelain, after the picture in the National Gallery by Murillo.

CHAPMAN, J. K. 6 Southgate, Leeds, Prd.—A county map of the United States, from a steel plate, on Goodyear’s gum elastic.

CLIFFORD, G. 5 Inner Temple Lane, Temple.—Specimens of books, maps, deeds, &c. cleaned and restored.

COWAN, H. 29 Queen’s Gardens, Brighton, Des.—Model of Lord Nelson’s model of attack on the combined fleet of the Cape of Trafalgar.

COWAN, D. Longwood, near Huddersfield, Maker.—Model of the Leeds Industrial Training School.

COLLINS, G. E. Church St. Birmingham.—Series of 60 medals, in bronze, illustrative of the Holy Scriptures, with a reverse to each; medals of the Kings and Queens of England, from William the Conqueror to her present Majesty, &c.

COLLINS, W. Belmont House, St. Helens, Jersey, Prd.—Calotype pictures from life: French and Jersey market women.

COOK & SON, Warwick, Des. and Manu.—The Keelworth oak buffet, with sculptured reliefs, illustrative of events at Keelworth Castle, from a celebrated oak tree grown upon its domain.

CRAWDICK, W. T. Kibworth, Prd.—Photographic copy of Holloway’s print of Raphael’s Elysium; of Vandyke’s St. Ambrose refusing Theodorus admittance into the church, &c.

CRAVEN, R. Church Fields, Chesnut, Des. and Sculpt.—Carved Gothic shrine, and four carved figures.

CREE, T. J. Kilburn, Manu.—Working model landscape to work by clock-work.

CROWELL & ADDY, 21 Old Bond St. Publishers.—Copies of sacred pictures by the old masters; and of water-colour drawings, painted in colours from wood-blocks, by Means. Leighton, of Lamb’s Conduit Street. Specimens of wood-cut printing, by Boccal, Levey, and Franklin, of New Street, Petter Lane.

DAVIS, W. 13 Grosvenor St. Regent’s Pk. Des.—Ascent and descent of Sabrina, from Coonu and Oberon, “Come, trip we under the night-shade.”

Dr Gnor, C. 18 Swift’s Row, Dublin, Des. and Manu.—Basket of fruit, flowers, and ornaments, carved in sycamore; oval picture frame, in lime-tree.

DICK, J. R. 27 Howland St. Fitzroy Sq. Prd.—Sabbath Evening, a specimen of lithography, in six colours.


DUNSLEY, C. Newcastle, Inv. and Manu.—Artificial gums, &c. Wax models, illustrative of the hatching of a hen’s egg.

DUNSLEY, C. Newcastle, Manu. and Inv.—Artificial teeth, &c. Models illustrative of incubation.


DOWN, Henry, 9 Upper Charlotte St. Fitzroy Sq. Inv. and Des.—Painting on vellum, in gold, silver, and colours, with raised work.

DOW, S. Ivythorn, near Glosington, Des.—Model of a decoy pool for taking wild fowl.

DUNCAN, J. 65 Manor St. Dublin, Inv.—Maps of
parts of the county of Kilkenny, exhibiting the undulations of ground in natural relief by a peculiar process of engraving.

DUKN, M. E. C. & DE, London, Inv. Manu. and Pat.—Mechanical human figure, capable of expansion, in perfect proportion, from the standard of the Apollo Belvedere to seven feet high. For the use of artists; and of manufacturers of wearing apparel, &c.

DUKIN, SORRAN, 14 Conduit St. West, Des. and Sculp.—Group in plaster: Belisarius.

DUMAS, J. Worcester, Des.—Unusually long photographic plate, with many scenes upon the same surface; all finished at the same time.

EMERY, J. 14 North St. Westminster, Des.—Model (in plaster of Paris) of a Gothic door, with figures of Faith, Hope, and Charity.

ESSEX, W. 3 Osmundah St. Regent’s Park, Painter in enamel.—Portraits in enamel from ancient and modern masters, from the collections of her Majesty, &c.

EVERETT & CO. 51 Fetter Lane, Inv. and Manu.—Blacking, flexible and elastic varnish, and enamel varnish for boots and shoes.

FAKE, T. Gloucester St. Dublin, Des.—Young Father surprised, sculptured in Caen stone. Pastoral Life, a model in plaster.

FIDDES, J. St. John’s, Worcester.—Imitations of Egyptian green, Parian, black Siena, and black Kilkenny marble.

FIDDES, J. Worcester, Inv.—Imitations of Siena and Egyptian green marble, on shafts or columns, with imitation Parian marble tords, black marble plinths.

FRESE, H. Stebbing, Essex, Des.—Model of Stebbing Church, Essex, a police constable.


FOLKARD, W. A. 53 Lime St. Chamber, Leadenhall St.—Illustrations of the process of wood-engraving.


FRESENE, C. College, Eton, Bucks, Des. and Manu.—Two candlesticks, carved of walnut-tree wood.

FREWER, J. R. 106 Upper Thames St. Des. and Manu.—Model of a Gothic conservatory or fern-house.

GARDENER, W. H. Troy House, Manningtree, Essex, Des. and Ex censor.—Specimen of penmanship.

GRAF, T. Sharborne, Dorset, Manu.—Model of an extending dining-table on improved principles.

GOULDING, W. 13 Great Chapel St. Broadway West, Des.—Roman Ionic portico with double column, cornice enriched with medallions; crowned with a balustrade in white Parian cement, polished.

GOULDING, W. 13 Gt. Chapel St. Westminster, Des. and Prod.—Roman Ionic portico with double columns, &c.; executed in white Parian cement, and polished.

GRAY, J. Perivale, Sussex, Prod.—Model of a South Sea whaling-ship, showing the internal and external fastenings, &c.

GREEN, J. 109 Gt. Portland St. Cavendish Sq. Des. and Eng.—Large military trophy engraved on a zinc plate, with bronze frame.

GREEN & FARNY, 63 Charlotte St. Portland Pl. and 15 York Pl. Brompton, Inv.—Folding drawing models, in three series, illustrating the application of perspective, and the principles of light and shade.

GREER, J. H. Banwell, near Wells, Inv. and Manu.—Ornamental rustic chair; rustic ornamental table; and mechanical pictures, composed of woods of various hues.

GRIFFIN, H. Oxford, Des. and Mod.—Terra-cotta statue, made in clay obtained from Shotover Hill, near Oxford. Clay, sand, and ochre, from the same place, showing fourteen different strata.

HALLIDAY, R. W. 46 High St. Bloomsbury, Eng.—Specimen of stencil plate engraving on thin metal.

HARERSLEY, J. A. The Principal of the School of Des. Manchester, Des.—Picture in oil colour, showing the principles upon which floral designs are adapted to designs for textile fabrics.

HARGREAVES, B. 14 Fountain St. Manchester, Des. and Manu.—Specimens of ornaments, labels, and tickets, for manufactured goods.


HANCOCK, J. 101 Stanhope St. Regent’s Park, Sculpt.

Dante’s Beatrice.

HAND, F. 197 Gt. Britain St. Dublin, Manu.—Model of O’Connell in bread.

HAMERT, M. & N. 64 Charlotte St. Rathbone Pl. Prod.—Chromolithography, in graduated tints.

HARVEY, A. Trounson, Prod.—Carvings in box wood: Peter the Great, and Locomoc; Wild Sports of the East; Attack of the Lion.

HARVEY, J. Jun. 10 Thornhill Bridge Pl. Pentonville, Des. and Sculpt.—Sculptured frieze in plaster.


HARWOOD, W. Millbank, Westminster, Des. and Builder.—Model of a house lately built on Putney Heath, an inch to a foot, the design has been much admired as a beautiful example of true old English architecture, and the minutiae is carried out internally and externally with great care from the best examples in that style, entirely of brick and stone. The model made by W. Smith, a workman engaged on the building.

HAWKES, B. W. 57 Cambridge St. Hyde Park Gate, Des.—Group in bronze of the European bison or aurochs. The fox-hunters’ candelabra. Model of a fireplace, composed of metal and porcelain.

HEAVEN, J. 30 Bedford Sq. Des.—Designs for china, and for papier-maché; for decorative paper and paper-hangings; for cotton prints, &c.

HIGGINS, G. Grove Pl. Grosvenor Grove, Des.—Stained and painted glass of the decorated period of Gothic architecture.

HILLYER & SON, Northumberland Wharf, Blackwall, Des.—Group of seventeen figures, carved in wood, on a pedestal.

HISWILL, W. D. Conmel, Ireland, Des. and Manu.—Carvings in ivory, African black wood, Walrus ivory, and hippopotamus ivory.

HORROCK & RAMSTADTON, 137 Regent St. Prop.—Printing in colours: invented and executed by J. Hayme.

HORST, SARAH, 80 Royal Avenue Ter. Cheesoe, Inv.—Specimen of papyrography, a novel method of representing landscapes, &c.

HORST, N. School of Des. York, Des. and Mod.—Designs and models, in burnt clay, for part of a frieze or pediment, and for small pilasters, or jambs of chimney-piece.

HOSKIN, A. 10 Portugal St. Grosvenor Sq. Inv and Des.—Britannia orb mdcxclli: a decorative picture for a ceiling.

HIGHLEY, S. 32 Fleet St. Prod.—Anatomical statue, exhibiting the external muscles, with outline, draw-ings, &c.
UNITED KINGDOM.


HILL, S. Clifton, York, Inv.—Model of window, with six panes to open and shut separately. Venetian blinds, &c. Model of fireplace, with ventilating air-chamber behind.

HOARE, M. Langport, Somerset.—Cork model of the abbey church at Bath.


HOGLAN, J. Wentworth Pl., Dublin, Des. and Maker.—Statue in marble, representing Hibernia, with accessories, wolf-dog, harp, &c.

HOLT, J. 80 Pratt St. Camden Town, Manu.—Specimens of modelling, chasing, and embossing.

HOLDING, Mrs. MARYHAY, late of Scarborough, Des. and Maker.—Pair of wax figures, fancy costumes; groups of flowers; and shells in wax.

HORNER, G. 33 Bath Pl., Oxford St. Des.—Architectural decoration for halls, rooms, &c.

HORNE, J. 4 Cumberland Pl., New Rd. Des. and Execution.—Stained glass window, after the style of the 13th century.


JOHNSTON, G. J. Newmarket, Prod. and Des.—Rose, frieze, and tablet for a church; and bracket of flowers.

JOSEPH, W. 10 Middlesex Place, New Rd.—Specimens of electro-metallurgy: Flaxman’s Shield of Achilles. Electrotypes of Hennings reduced Elgin marbles: Cartoons after Raphael, in bronze, silver, &c.

JONES, J. E. 41 Upper Charlotte St. Fitzroy Sq. Des. and Sculp.—Mother and child, children and animals, and The Favourite, portraits.


KENNETT, E. M. M.D., Dublin, Inv.—Syphon, adapted to green-house or garden watering. Syphon adapted to medical purposes.

KING, T. Morpeth.—The Earl of Carlisle’s coat of arms, cut in free-stone from a quarry belonging to the said Earl at Hartford Bridge, Northumberland.

KLUNGER, E. H. The Earl of Prop.—An icono statue in marble, by L. Macondon, of Rome.


LESLIE, Capt. 7 Old Jewry, Prod.—Three groups in marble, by John Howeln, an Italian sculptor, at Rome. 1. Cupid and Psyche. Four bas-reliefs adorn the sides of the base. 2. Gratitude, a very young girl extracting a thorn from the paw of a dog. 3. Innocence defended by Fidelity. Rinaldo d’Armida. A group in marble, by Sig. Rinaldo Rinaldi, of Rome. Marble figures: The nymph Glycera, and a nymph, both by the late J. H. Wyatt, of Rome.

LAMBERT, R. Eastlake, Inv.—Model illustrative of architectural design and beauty, on a new method.

LEASER, J. Cookham, near Maidenhead, Des. and Manu.—A corona lucis for lighting a church.

LEES, S. 9 South St. Andrew St. Edinburgh, Inv.—Specimens of a substitute for the use of India paper in plate printing.

LEWIS, Miss J. 55 Capel St. Dublin, Manu.—Wax flowers.

LEWIS, D. Monmouth, Manu.—Cork model of Tintern Abbey.

LEYLAND, Capt. T.—Marble group, Cupid and Psyche, and Gratitude and Innocence defended by Fidelity, by Benzon of Rome. Rinaldo and Armida (Tamino), by Rinaldo of Rome. The nymph Glycera, and a nymph, by the late R. J. Wyatt of Rome.

LILLY, J. Fivelhead, Taurus, Somerset, Des.—Anatomized specimens of the leaves of trees dyed black, and displayed on white drawing-board, to show varieties in kind, size, texture, shape, and shade, &c.

LIMBURGE, Charlotte, Delgany, Ireland, Prod.—Models, in elder pitch, of Great Cross and cross of Muiredach, Monasterboice; cross at Clonmacnoise, &c.

LONG, C. 1 King St. Portman Sq. Inv.—Engine-turning on glass; applicable to windows, blinds, conservatories, hall-lamps, &c.


LUNED, Miss I. & Trevor Ter. Knightsbridge, Des. and Manu.—Tableaux of flowers, modelled in wax, festooned with scarfs and leaves.

MACLAGLEN, J. Douglas, I. of Man, Inv.—Models of machinery for purifying towns, destroying putrescence, removing nuisances (insensibly) by rail, &c.

MACLACHLAN, A. 3 Bow Chyrd. also Liverpool, Manchester, and Glasgow, Inv.—Lithographic printing machine, by steam-power.


MARTINS, E. 7 Manor St. Clapham, Mod.—Model, in wax, of the Liliaceae family. Gomphic pacanga. Cymbidium cattleya, and Phalaenopsis amabilis.

MARTIN & MORRIS, 8 Wilson St. Grey’s Inn Lane, Manu.—Woodcuts and bituminous stereotype plates, with the impressions obtained from each.

MARIOW, W. 56 Hunter St. Brunswick Sq.—A carving in oak: The Massacre of the Innocents, or Angelus comforting the afflicted Mother; by M. Gaëlle, of Louvain.

MARBOROUGH, W. C. Stable Abbey, Inv. and Manu.—Wax impressions of seals engraved by machinery, by a process called “Tornography.”

MCARTHY, H. 17 Albert Ter. Knightsbridge, Des. and Mod.—Door stalkling, and colossal head of a horse.

MCALLUM, A. School of Design, Manchester, Inv. and Des.—A diorama and musical timepiece. History of the calico printing of Manchester, comprising specimens of the trade since its rise and during its progress, and illustrated by views in and about Manchester.

MCEWAN, T. 82 Clerk St. Edinburgh, Des. and Sculp.—John Anderson my Joe, a group in Scotch stone; John Baptist preaching, and Strength perfected in weakness, in plaster.
UNITED KINGDOM.


MIDDLETON, J. Bondgate, Darlington, Prod.—Model of York Minster, to a scale of 15 feet to the inch.


MONTGOMERY, Sir M. B. Grosvenor Gate, Park Lane, Prop.—Two vases carved out of a species of sandstone of Jerusalem, with an ordinary penknife, by M. Schmitzer, of that city.

MONTGOMERY, Lord, Mount Trenchard, Co. Limerick, Ireland, Prop.—Specimen of marble, from Dalvulle Quarries, Donegal. Statue of the late Henry Grattan, M.P.

MOORE, A. 19 Arthur St. Belfast, Ireland, Manx.—Table, painted in imitation of marble, inlaid or mosaic work.

Muir, W. 10 George St. Edinburgh, Manx.—An inkstand. The pebble and jasper agates found in Scotland.

MACLEOD, C. 7 Everett St. Russell Sq. Des.—Model of a fortified town, defended by six fronts of fortification.

MURTIS, A. 103 Tavistock St. Pimlico, Des.—Frauenhose di Rimini e Paolo.

When of that smile we read,
The wishsed smile, a suspiroously kissed
By one so deep in love, she be, who ne'er
From me shall separate, at once my lips
All trembling kissed.—Dante, I. g. 6.

MURPHY, D. J. Chamber of Commerce, Cork, Ireland, Inv.—Model of archimedean agricultural machine, for preparing the soil, to receive the seed by one operation.

MURRAY, G. Ordinance Wharf, Lambeth, Manx.—Paint and cover in the style of the fifteenth century. Bredan and altar. Oak image of St. John the Baptist, on oak, &c. Copper casement, for a lunatic asylum.


NEWBERRY, F. Sioke Newtoning Green.—Copies, by electro-photography, of the only medal extant of Alfred the Great.

O'CONNOR, M. and A. 4 Berners St. Des. and Prod.—Painted glass windows. Specimens of mosaic back grounds, antique figures, &c.

OTTLEY, T. 122 Snow Hill, Birmingham, Des. and Manx.—Gold, silver, and bronze prize medals; also historical and other medals.

PAINE, H. M. 33 Coventry St. Haymarket, Prop.—Carved bracket, chased and gilt.

FAVER, J. P. Clarendon St. Cambridge, Sculptor.—Queen Elizabeth, Sir Robert Peel, the Saviour, Rubens, Vandyke, Oliver Cromwell, and King Charles I.

PATERSON, W. 144 Western Rd. Brighton, Inv.—Revolving table for modellers, &c. Callipers, for reducing or enlarging to three different scales.

PAXMAN, J. M.D. Rugby, Des.—Pathological illustrations, consisting of cartoon paintings, covered with plate glass.

PEACOCK, J. Jun. 10 George St. Hanover Sq. Prop.—Bronze bust of Sir T. Lawrence, by S. Parker.

PEN, J. Pudsey, near Leeds, Yorkshire, Prod.—Specimens of ornamental turning, cut in relief in wood and marble, copied from coins, medals, and flowers, by automatic machinery.

PERRY, W. 34 Western Rd. Brighton, Sculptor.—Life-size figure of the Infant Hercules, and of a child and dog, The Humble Petitioner.

PERRY, W. Bridge St. Taunton, Des. and Executic.—Vase of roses, &c., carved in boxwood. Miniature frames, specimens of carving in its various stages.

PEYMAN, H. F. Ablingdon, Berks, Sculp.—Font, executed in marble.

PICK, T. J. Cheltenham.—The royal arms, &c. embellished on glass.

PINK, T. Burslem, Staffordshire Potteries.—Designs cut in paper by Mrs. T. Davies, with a pair of scissors and a needle.

PLACE, G. G. Nottingham.—Drawings illustrating the Art of Church Building in the United Kingdom.


PULHAM, R. P. 87 Higher Temple St. Manchester, Des.—Designs for polychromatic decorations, after the manner of the middle ages, showing the effect of the application of positive colours instead of half tints.

Fulcher, R. Farnham, Surrey, Des.—Carvings in wood: The Village Dance, the Wounded Pedlar, and The Glove Fiddler.

PULLEN, C. W. Warwick St. Pimlico, Des. and Executric.—Gothic monument, of the decorated style, period fourteenth century.

RAMSBY, R. 2 Greenside Pl. Edinburgh, Des. and Executric.—Specimen of ornamental typography, composed of marble borders, rules, &c.

READ, W. 28 Dorset St. Portman Sq. Des. and Executric.—Imitations of various kinds of marbles in paint on slabs.

READ, C. W. Warwick St. Pimlico, Des. and Executric.—Gothic monument, of the decorated style, period fourteenth century.

READ, W. 28 Dorset St. Portman Sq. Des. and Executric.—Imitations of various kinds of marbles in paint on slabs.

READMORE, C. CHARLOTTE, Newark, Nottinghamshire, Des. and Prod.—Lunar globe, giving a general idea of the mountains, valleys, and plains of the moon, adapted for the use of schools, &c.

READMORE, C. CHARLOTTE, Newark, Notts.—Lunar globe.

REED, J. W. Kensington, Prop.—Walking-stick, carved with a knife only, out of a solid branch, by James Reed, Esq. of Hasvibres, Devon.

REAY, E. Monkwearmouth, Sunderland.—Model of York Minster, in composition. Made by a lamp-lighter, during his leisure hours.

REDKNOT, G. Ashford, near Bakewell, Manx.—Marble mosaic table, chiefly composed of the productions of Derbyshire. Black marble vase, copied from an antique.

REDKNOT, G. Ashford, Manx.—Mosaic table, chiefly composed of Derbyshire marble, &c. Black marble vase, from the antique.


ROGER, M. Abbey St. Derby, Manx.—Ornamental bracket, composed of autumnal fruits and flowers, and carved in lime-tree.

RUSKIN, S. 3 Darnley Ter. Gravesend, Inv.—Specimen of a new process for producing from a print of a line engraving a fac-simile on steel.

ROSS & THOMSON, Edinburgh, Prod.—Frames containing Taboro pictures from negatives or albuminised glass.

RUNDELL, G. 4 Dee St. Aberdeen.—Snow-ball fight at school, in relief.
RUSSELL, T. G. 47 Thistle St. Edinburgh, Des. and Mann.—Desk, seal, pencil-case, and pigeon, inlaid with Scotch pebbles and jasper.

SALADRE, E. 10 Charles St. Trevor Sq. Brompton, Des.—Designs for decoration of a room, with a pavement in inlaid wood, and for an oilcloth.

SALTER, J. Merridale Fields, Wolverhampton, Des., and Mann.—Ornamental bricks for fronts of buildings.

SALTER, S. Elver Cottage, Heamershaw, Mod.—Models of new church of St. Nicholas, Hamborough, of Districts and bridges across the river Ouse, at Selby, Yorkshire.

SANDERS, W. College Terr. Guernsey, Inv. and Des.—Model of the harbour of St. Helier, island of Jersey. Medallions in leather; in imitation of carved wood, done by hand.

SANG, F. 58 Pall Mall, Des.—Specimens of decorations from the Royal Exchange, the Conservative Club, and Hatfield House. Des. for interior decorations.

SAROYAN & COLLINS, 13 Cockspur St. Charing Cross, Des.—British china, earthenware, and glass.

SHARP, G. C. Wentworth Plt. Dublin, Inv.—Models for the study of elementary drawing.

SHAW, C. Mount St. Dublin, Prop.—Sculpture, in ivory, reduced from models in plaster by machinery adapted to a lensing process, wood, and stone.

SILVETT, J. Kelsale, Saxmundham, Suffolk, Des.—Model of ground-floor cottage, designed and built by the exhibitor himself, at the cost of 55l.

SOCIETY OF IMPROVING CONDITION OF LABOURING CLASSES.—Building contrivances, adopted in the construction of their model dwellings for the labouring classes, particularly that of hollow brickwork, glazed and unglazed, whereby dryness, warmth, durability, security from fire, the least sound, and economy of construction are obtained. Drawings and models of buildings erected, and designs.

SOUTH, M. E. Sackville Walden, Prop.—Sheets of ancient designs, reproduced for modern ornamental floors.

SOUTH, F. H. Stourbridge, Des.—Model, in plaster, of a column, from a design for a building for the Great Exhibition.

SOUTH, J. 49 Rupert St. Haymarket, Manu.—Reduced model in wax: Group of animals.

SOUTH, W. 49 Rupert St. Haymarket, Manu.—Impressions from dies for ornamental purposes, &c.

SPENCE, D. W. Newcastle-upon-Tyne, Des. and Mann.—Plaster panel, designed in the Italian style.


STEINLE, J. 49 Berwick St. Soho, Des. and Mann.—Inkstand carved in English walnut.

STEBLEY, T. K. late R. E. Old Steinstedford, Ripon.—Relief map of Lima, Upper Austria, showing the entrenched camp of Maximilian Towers and the surrounding country. Des. by Firth.

STEVENS & Sons, 186 Drury Lane, Mann.—Martin's cement, for internal walls, plain and coloured, decorations, &c. Designed by J. T. Knowles.

ST. HELENS CROWN GLASS Co. St. Helens, Lancashire, Manu.—Ornamental window of national emblems. Statues and ornamental windows. Subject window, in colours: Michael casting out the great Dragon.

STIRPE, B. 23 Kirby St.—Carved bread plate and knife. Carved stand for time-piece.

STORR, A. Oldham, Des.—Sculptured figure of the First of Scotland, in wood, at Windsor Castle, entitled, the "Captive Poet."

STUTZ, E. 17 Georges St. Camden Town, Des.—A chandelier.

STRALE, R. & W. 24 Hertford St. Chelsea, Inv. and Mann.—A figure of Lassus, in artificial stone, cast from an original carved wood figure, said to be brought from Rome.

STRAWT, M. 46 Connaught Ter. Hyde Park, Prop.—Flowers modelled in wax from nature.


STREICH, J. Manchester, Pat.—Model of patent apparatus, for exposing to sulphurous acid woolen, silk, and other fabrics.


TOLLMAN, J. Anslow.—Table, &c. of Derbyshire and Staffordshire marbles. Derbyshire black marble table, inlaid. Specimens of mosaic work.

TONGE, E. Boston, Lincolnshire, Inv. and Des.—Specimens of embossed gum-painting on glass.

TRENTAYO, A. 20l Cliffstone St. Fitzroy Sq. Inv. and Prod.—Decoration for a Roman door-way. Model of caesarea. Festoon, in bas-relief, for interior decoration. Vase in white marble, on a pedestal, in medio finto marble.

UNDERWOOD, T. Union Passage, Birmingham.—Lithographic printing-press, exhibiting a new process of producing imitations of water-colour drawings, in colors.

UNWIN, M. A., W. J. 10 Liverpool St. Piabury, Inv. and Prod.—Course of drawing, for primary schools, designed by J. Brown, teacher of drawing in the Eastfield School of Design.

UNWIN, W. H. Sawbridgworth, Herts.—A tournament of the time of Queen Elizabeth's reign, cut entirely out of paper, with scissors.

VALENCIA, J. Matlock Bath, Derbyshire, Des. and Mann.—Tables, vases, and other articles composed of or inlaid with floor, spar, and marbles from Castleton, Ashford, &c. Derbyshire.

VALENCIA, P. 85 Warwick St. Piccadilly, Des. and Sculp.—Virgin and Child, in marble. Vase, in marble, from Spense's Faerie Queene, with four bas-reliefs.

VOELZ, C. F. Milan; for Knights and Simons, 123 Penchurch St. Inv. and Prod.—Photographic portraits and a family group, by a novel photographic process.

VAGHAN, J. Bath, Prop.—Vases and pedestal, showing the quality of Bath stone.

WALES, W. Newcastle-upon-Tyne, Des. and Mann.—Windows of perpendicular and decorated periods of architecture, in Italian style, &c.

WALKER, T. Mill St. Hanley, Staffordshire, Inv.—Quarries inlaid in various novel styles of mixed clays.

WARNER, R. B. Cheshide, Staffordshire, Maker.—Model, illustrative of architectural design.

WATKINS, J. Newport, Monmouthshire, Des. and Sculptor.—Group in marble: Death of Llewellyn, the last Prince of Wales.

WATSON, J. Newcastle-upon-Tyne, Prop.—Vegetable ivory nut; the same prepared for carving; and carvings executed by Mr. R. Scott, Newcastle.
UNITED KINGDOM.


Weikers, J. Corfe Castle, Mason.—Design for a
tomb in Purbeck stone, on a slab of Purbeck marble.

Whinney, H. C. 85 & 87 Bridge St. Manchester, Inv.
and Mod.—Flag painted on silk; with an elastic prepara-
tion, to prevent the cracking of the silk.

Werry, W. G. Swanage, Dorset, Prop.—Purbeck stone;—Specimens for cornices, steps, copings, curbs for
iron railings, winding steps, &c.

Wilson, J. 5 College St. Snow Hill, Prod.—Profile
bust of Shakespeare, in plaster of Paris, made to imitate
ivory, and being equal to it in hardness.

Williams, J. 14 Alpha Rd. Regent's Park, Prop.—
A Doric column, in various woods, in imitation of marble,
normated with portraits of Raphael, Michael Angelo, and
Vitruvio, and surmounted by a statue of Minerva, by Bon-
zanigo.

Williams, H. 7 Essex Bridge, Dublin, Prod. and
Des.—Specimens of ornamental turning, executed in a
lathe.

Willock, E. P. & Co. Ladyshores, Bolton, Manu.—
A model of a decorated Gothic church at Lever Bridge,
Bolton, Lancashire, designed by E. Sharpe, architect. The
church is almost entirely built, and of terra cotta, &c.

Woodhouse, W. 23 Molesworth St. Dublin, En-
graver.—Medals in bronze, &c. Medal dies made on a new
principle in pure cast steel.

Woodmanrow, W. F. 2 Charlotte Pl. Upper Ken-
nington Lane, Sculpt.—Young Girl at the Spring.

Woodruffe, T. Bakewell, Manu.—Black marble
cheese-table, inlaid border.

Worrall, C. 20 Little Drummond St. Euston Sq.
Des. and Mod.—Specimens of modelling and casting. Tomb
of Edward the Black Prince in Canterbury Cathedral, &c.

Wrenn, C. 8 Torrano Ter. Kentish Town, Des.
and Mod.—Statuette of a sleeping baby, modelled from life,
and cast in composition, to imitate marble.

Wright, F. 23 Clarencester Pl. Fitzroy Sq. Des. and
Sculpt.—Bracket for an oratory, in mahogany.

Wright & Brandon, 77 and 75 Great Russell St.
Des.—Model in card, by Mr. S. Salt, Hammersmith, of
the new church of St. Mary and St. Nicholas, at Wilton.
The exterior is entirely of stone, and the interior richly
decorated with marble, mosaic, and painted glass; being the
first example introduced into this country of that peculiar
style of architecture so prevalent in the north of Italy, the
Romanesque. Model of the new Amiase courts at Cambridge.
The principal front is of Whitby stone, and the fittings of
the interior are of oak.
COLONIAL POSSESSIONS.

EAST INDIES.

N.B.—The list of contributions from India came too late for insertion. The articles here entered will be included in the general list when printed.

INDIAN ARCHIPELAGO.

Articles collected by the Local Committee of Singapore.

President—The Hon. Lieut.-Col. Butterworth, C.B.

Secretary.—T. Oxley, Esq.


Corresponding Members.—The Hon. E. A. Blundell, Esq.; Pannag; the Hon. Capt. L. Ferrier, Malacca.

Sub-Committee for Arranging and Packing.—T. Oxley, Esq.; Capt. H. Man; G. W. Earl, Esq.

First Collection.—Forwards by the ship “Inglewood.”

NATURAL PRODUCTIONS.

1 Kayu garu, first quality. The Lignum aloes, agalaswood, magalabwood of commerce. Semangau (Selah).

2 Kayu garu, second quality.—Malacca.

3 Kayu garu, third quality.—Malacca.

4 Edible bird’s nests, first quality. Sembawa (Islands off Java).

5 Edible bird’s nests, second quality.—Borneo.

6 Edible bird’s nests, third quality.—Borneo.

7 Agar-agar, first quality. A sort of Trigo de Roche, or edible sea-weed.—Malacca.

8 Agar-agar, second quality.—Macassar (Celebes).

9 Agar-agar.—Singapore.

10 Trepang. An edible sea-slug, called also beche de mer. —Borneo.

11 Trepang (Lotang).—Borneo.

12 Trepang (Bacophilis).—Singapore.

13 Trepang (Pandanus).—Borneo.

14 Wild nutmeg, unshelled.—Ceram (Malacca).

15 Wild nutmeg, shelled.—Ceram (Malacca).

16 Wood-oil.—Malacca.

17 Gutta trap. Used for making bird-lime. See Nos. 18. 19, 220.—Singapore.

18 Kayu-puteh, or ejsput oil.—Malacca.

19 Campor. Commonly called Barus camphor.—Borneo.

20 Benzoin, or Benjamin.—Semangau.

21—95 Tin ore.—Malacca.

27 Substance supposed to be lead.—Malacca.

28 Petrified wood.—Malacca.

29 Yellow ochre.—Malacca.

30 Blow, or gumnut fibre.—Malacca.

31—33 Gum nut fibre.—Malacca.

33a Talli nanas. See Nos. 161 and 162.—Malacca.

34 Shell of the hawk’s-bill turtle.—Saba Islands.

35 Mother-of-pearl shell.—Arto Islands and Saba.

36 Shark’s fin. Used in China as an article of food.—Manila.

37 Shark’s fins.—Straits of Malacca.

38 Boss’ wax.—Borneo.

39, 40 Boss’ wax.—Borneo.

40A Gutta percha.—Malay Peninsula (Java).

41 Resin, or damar.—Malacca.

42 Lakah-wood.—Malay Peninsula (Perak).

43 Gum-lac.—Singapore.

44 Root of the mangkhut (Morinda imbe). Used extensively as a red dye throughout the Archipelago.—Malacca.

45 Sagah bark.—Singapore.

46 Sapean-wood root. Bee Nos. 110 and 111.—Philippine Islands.

47 Kayu kudrang. Furnishes a yellow dye.—Malacca.

48 Semak bark.—Singapore.

49 Mangrove bark. For tanning leather, nets, and cloth.—Singapore.

FURNITURE WOODS, FROM PANGUB, OR PRINCE OF WALES ISLAND.

50 Siam wood.

51 Ebony.

52 Wild durian.

53 Uncertain.

54 Angsewa wood.

55 Guava wood.

56 Kamunning.

57 Senna baymah, or sagesa.

58, 59 Miri mahog.

60 Balok.

61 Balok bungo.

62 Root of betelnut tree.

76 Lingos wood. The Ambonys wood of commerce. (Oblong table slab, 7 ft. 9 in. long, 4 ft. 5 in. broad.)—Malacca (Ceram).

77 Lingos wood. Circular slab, 6 ft. 7 in. in diameter.—Malacca (Ceram).

78 Kayu buka. This wood is obtained from the knotty exsences which are found on the stems of the lingos tree.—Malacca (Ceram).

USEFUL WOODS OF THE MALAY PENINSULA.

79 Bingtangor wood, in general use for planks, masts, spar, &c.

80 Kedang.

81 Belongs; Changis.

82 Kiat.

83 Timbusu.

84 Kayu brumong.

85 Angsewa.

86 Tampina.

87 Tanpang.

88 Kranji.

89 Slumar.

90 Simpoh butik.

91 Krantai.

92 Kamunning.

93 Simpoh rhy.

107 Glam. The glam tree furnishes a paper-like bark much used in caulking the seams of vessels.—Malay Peninsula.

108 Poolal-wood; used as floats for fishing nets.—Malay Peninsula.
109 Sandal-wood.—Timor Island.
110 Sapan-wood.—Sum.
111 Sapan-wood. The sapan-wood furnishes a red dye.—Philippines Islands.
114 The same, smoked.—Malacca.
119, 113, and 118 Cane as cut from the jungle.—Malacca.
115, 116, and 117 Cane.—Sumatra.
119 Vegetable tallow.—Malacca.

Agricultural Productions and Substances Manufactured from Native Produce.

120 Paddy, or rice in the husk.—Malacca.
121 Cleaned rice.—Malacca.
122 Kaifang ejo, or green peas.—Sumatra (Assam).
123 Kaifang ejo, or green peas.—Sembawa.
124 Kaifang hawu.—Sumatra (Assam).
125 Kaifang hawu.—(Prot elatum).—Malacca.
126 Ejin.—Malacca.
126a Djarum batu, a resin.—Malacca.
127 Paint rice. Considered as a delicacy, and much prized for its nutritious qualities.—Malacca.
128 Paint rice, dark variety.—Malacca.
129 The nutmeg, as plucked from the tree.—Singapore.
130 Nutmeg, shelled.—Singapore.
131 Maca.—Singapore.
132 & 133 Nutmegs.—Pinang.
134 Maca.—Pinang.
135 Cloves.—Pinang.
136 & 137 Black and white pepper.—Singapore.
138 Cinnamon.—Malacca.
138a & 138b Kaifang tanah or ground nut, white and brown varieties.—Malacca.
139, 140, & 141 Pearl sago. The raw material imported from Sumatra, Borneo, and neighbouring islands.—Singapore.
143 Sago flour.—Singapore.
143 Arrow-root flour.—Singapore.
144 Pear arrow-root.—Singapore.
145 Gambier.—Singapore.
146 Gold-dust.-Borneo (Sangoh).
147 Gold-dust.—Borneo (Semang).
148 Gold-dust.—Malay Peninsula (Klantan).
149 Gold-dust.—Malay Peninsula (Pahang).
150 Gold-dust.—Malacca.
151 Smelted antimony.—Borneo.
152 Tin.—Malay Peninsula (Perak).
153 Tin.—Malay Peninsula (Malacca).
154 Tin.—Malay Peninsula (Pahang).
155 Tin.—Malay Peninsula (Johor).

Textile Materials and Fabrics.

Singapore.

157 Tall ramie, in its various stages of preparation. See Nos. 227 and 229.
158 Bark of the trap-tree. See No. 230.
159 Plantain fibre.
160 Aloe, or agave fibre, prepared as thread.
161 Pine-apple fibre, three qualities.
161a Pine-apple fibre, prepared for weaving cloth.
162 Pine-apple fibre cord-twine.
163 Fibre of the musa or plantain-stem.
164 Raw cotton, Gossypium herbaceum.—Sumatra (Acheam).
165 Raw cotton, Gossypium herbaceum.—Sumatra (Palembang).
167 Cotton-twist, manufactured at Palembang, by natives.
—Sumatra (Palembang).
168 Bark cloth, manufactured by the Semangs or oriental Negro tribes.—Malay Peninsula (Kedah).
169 Dark cloth, made from the bark of the paper mulberry.—Celebes (Kaili W. C.).
170 Coarse cotton cloth, worn by field-labourers, and exported to Ceram and New Guinea.—Bali Island.
171, 172, 173, & 174 Cotton cloth, manufactured from native produce by the Dyak tribes.—Borneo, N. W. Coast.
175 Selendong or scarf, embroidered with gold thread.—Malay Peninsula (Trinac.)
176 Selendong or scarf, embroidered with gold thread.—Malay Peninsula (Pahang).
177 Silk handkerchief, embroidered with gold thread.—Malay Peninsula (Trinac.)
177 Silk handkerchief, embroidered with gold thread.—Malay Peninsula (Lingga).
179 Selendong or shawl.—Timor Island.
180 Selendong or scarf. Cotton and dyes of native growth; raw silk imported from the continent of Asia.—Sumatra (Batavia, East Coast).
181 Selendong, silk.—Sumatra (Acheam).
183 Sarong or petto-coat, silk.—Sumatra (Palembang).
183 Sarong or petto-coat, silk.—Sumatra (Acheam).
184, 185 Salua or trousers, of silk, and of silk and cotton mixed.—Sumatra (Acheam).
186 Silk cloth.—Camboja.
187 Salver; all the materials of native production.—Sumatra (Acheam).
188, 190 Saluer.—Sumatra (Palembang).
189 Saluer.—Sumatra (Acheam).
191—194 Silk sarong.—Sumatra (Palembang).
195 Silk sarong, silk.—Sumatra (Palembang).
196 Cloth silk.—Camboja.
197 Embroidered cloth, three pieces, for adorning the heads of pillow-cases.—Singapore.
198 Hand-loom, on which the bugis sarongs are made, with cloth in the process of weaving.—Celebes.
199 Model of frame of hand-loom, to serve as a guide for setting up the frame.
200 Spinning-wheel, for making pine-apple thread.—Singapore.

Fancy Manufactures.

Sumatra (Palembang).

200 Siri-box, previous to undergoing the process of lacquering.
201 Siri-box, lacquered plain.
202 Siri-box, floored and completed.
203 Siri-box, of kayu buku, previous to being lacquered.
204 Siri-box, lacquered and completed.
205 Writing-box.
206 Pyramidal boxes.
207—212 Small lacquered boxes.
213, 214 Lacquered water-drippers.
214 Salver or tray.—Singapore.
215 Salver or sweetmeat-tray. As cut from the forest tree previous to being smoothed and lacquered.—Sumatra.
216 Salver or sweetmeat tray. Partially lacquered.—Palembang.
217 Salver or sweetmeat tray. Completed.—Palembang.
218 Covers for dishes.—Borneo (interior of Banjaran, S. C.)
219 Set of boxes, fitting one within the other.—Borneo (Kota Bingin, or Waringin S. C.)
222 Lid of a cream-box, and set of boxes. (See No. 218.)
223 Cigar-case. Manufactured from Pandan-leaf by natives of interior.—Celebes.
224 Kopia or skull-cap. Pandan-leaf. Worn by Musselman Inhabitants.—Celebes.
225 Chess-board. Exhibiting specimens of the ornamental woods.—Pinang.
226 Bugi's kapok.—Celebes.
227 Clove model. Model of an Orang Rall, or state
bark. Manufactured of cloves by natives of Ambon.—
Ambon.
226 Flower-basket. Same as above.—Ambon.
229 Imitation tea-service. Same as above. Presented by
Robert Bain, Esq.—Ambon.

FISHING GEAR FROM SINGAPORE.
235 Floating-net. Employed in taking a small kind of
herring in the neighbouring strait. The twine is of cotton,
manufactured in Java.
237 Floating-net. The twine of this net is made from
the Rami fibre. (See No. 137.)
238 Casting-net. The thread made in Java from native
sago net. Twine of Rami fibre.
239 Fishing. Line. Thread of Trap fibre. (See No. 158.)
241 Line. Made of Java cotton thread, tinned with the
fruit of the mangrove.
245 Fishing-hook. Made of thick brass wire.
246 Fish-spear. For spearing large fish in the clear deep
water of the narrows.
247 Harpoon. For striking dugong and large fish.
248 Fish-spear.
249 Fish-gig.
247 Turtle-peg. When the turtle is struck the peg or
harpoon comes out of the socket in the staff, and the line
alone remains attached.
250 Fish-trap.

AGRICULTURAL AND INDUSTRIAL IMPLEMENTS, etc.
239 Hand-loom. Complete with frame.—Samosir (Pa-
lemhung).
240 Model of a plough, usually drawn by one or two
buffaloes.—Malacca.
241 Model of a harrow. Drawn by one or two buffaloes.
—Malacca.
242 Model of a scythe. Drawn by one or two buffaloes,
and employed in clearing from weeds and lalang the
ground that has already been broken up by the plough.
—Malacca.
243 Model of a chumpal or large hoe, in very general use
among the field-labourers of the Straits settlements as a
digging instrument.—Malacca.
244 Model of a sort of spade. Used in clearing the
lalang, or coarse grass and brushwood from lands that have
been allowed to lie fallow, preparatory to re-cultivation.
—Malacca.
245 Instrument for reaping paddy.—Malacca.
246 Rattan cutter.—Malacca.
247 Carpenter’s axe.—Singapore.
248 Carpenter’s adze. Instrument with moveable blade,
calculated to serve both as adze and axe.—Singapore.
249a Boring instrument. A semi-rotatory movement is
given by moving the cylindrical piece rapidly up and down
the shaft.—Singapore.
249 Malay felling axe.—Singapore.
250 Malay carpenter’s axe. Used in squaring timber.
—Singapore.
251, 252 Gouge, chisel, and mallet.—Malacca.
253 Malay parang.—Singapore.
254 Sword and sheath.—Samosir (Aceh).
255 Banteng, or stiletto dagger.—Samosir (Aceh).
256 Sword-sheath.—Samosir (Aceh).
257a Betel-nut-crapper.—Singapore.
257a Cocoanut grater.—Singapore.
260 Lace.—Malacca.
259 Sandals, or wooden shoes.—Malacca.
269 Slow. —Singapore.
261 Fan for cleaning rice.—Singapore.

262 Basket.—Bawian, or Bugiyang Island (Java sea).
263, 264 Strainers or colanders.—Singapore.
265 Gutta percha jug and basin.—Singapore.
266 Gutta percha timber or draw bucket.—Singapore.
267 Gutta percha bucket.—Singapore.
268 Gutta percha whips.—Singapore.

DOMESTIC MANUFACTURES.
269—271 Bugis mat. —Celebes.
272 rattan mat.—Borneo (Banjar Massa).
277 Mat.—Borneo Proper.
278 Mat.—Malay Peninsula.
279 Mat.—Philippine Islands, Pulo Aor.
284 Mat.—Pulo Sionat (Anambas Islands).
285 Mat. Made of bankuang, or mat material.—Malacca.
286 Small articles. Bankuang.—Malacca.
287 Nest of nine baskets. Bankuang.—Bawian.
289 Covers for provisions, &c. Made of palm tree.—Bo-
neo (Banjar Massa).
270, 291 Conical hats.—Paksebeng.
272 Conical hats.—Singapore.
233 Specimen of basket work.—Bawian.
224 Set of baskets.—Singapore.
235 Bamboo fans.—Bawian.
236 Kopla, or Musselman cap. Basket-work.—Malacca.

MODES OF NATIVE VESSELS.
300 Model of a Lama pirate prahu of Mindanao, 2nd
class.
301 Model of a Lama pirate prahu of Mindanao, 1st
class.
302 Model of a padesawan, or bugis trading prahu.
303 Model of a sampan, 1st class. A description of boat
peculiar to Singapore, and remarkable for its swiftness both
with sails and oars.
304 Model of a Singapore sampan, or passage boat, 2nd
class.
305 Model of a Singapore sampan, or passage boat, 3rd
class. Employed same as above.

SUPPLEMENTARY COLLECTION forwarded by the Mail
Steamer.—NATURAL PRODUCTIONS.
1 Edible bird’s nests.—Java.
2 Petroleum, or earth oil.—Java.
3 Soap nuts. Used in washing.—Java.
4 Dammar. A resin used instead of pitch, for paying
the seams of vessels.—Java.
5 White Dammar.—Samosir.
6 Gutta Podoch. Vegetable wax.—Bilino.
7 Bees wax.—Timor.
8 Kanari nut.—Java. This production is not indigenous
to Java, but has been introduced from the Moluccas.
9 Tangerine bark. Used in making a lye for washing
the hair.—Macassar.
10 Gum Canthochne. India-rubber.—Lampung (Sa-
mosir).
11 Gums. Collection of various gums in small bottles.—
Sasarel (Borneo).
12 Mangkud root. A red dye, Morinda umbellata.—
Celebes.
13 Mangkud root. A red dye, as above.—Java.
14, 15 Mangkud wood. A red dye, as above.—Java.
16 Lophiop bark. A dye.—Celebes.
17 Sapan wood. A red dye.—Celebes.
18 Banchong bula wood. A red dye.—Celebes.
20 Guaj Gum. A dye.—Celebes.
21 Kasunga. Safflower (Carthamus tinctoria).—Celebes.
21a Resins and gutta. A great variety.—Sasarel
(Borneo).
22 Vegetable tallow. Melted into a gourd-shell.—Sasarel
(Borneo).
INDIAN ARCHIPELAGO.

23 Medicines. Roots, herbs, and other vegetable substances used by native practitioners as medicines. — Java.
24 Maseay bark. Much used by the natives of Java and Bula as a cosmetic for rubbing over their bodies. — New Guinea.
25 Kedirung wood. — Java.
26 Box of minerals. containing compartments. No. 1 Coal from Barram. 2 Pyrites from Barram. 3 Black and yellow sand. 4—7 Antimony ore. 8 Crude antimony. 9 Antimony ores. 10 Fresh-water pearls. 11 Gold dust: rough diamonds. 12 Native iron. Borneo copper ore. — Borneo.
37 Crystal. From the neighbourhood of Mount Orphir. — Malacca.
38 Useful woods. 70 specimens. — Singapore.
39 Fish maws. Used as ringless. — Sumatra.
40 Pipe-clay, yellow ochre, red clay, and dammer. — Singapore.

AGRICULTURAL PRODUCTIONS AND SUBSTANCES MANUFACTURED FROM NATIVE PRODUCE.

29 Omeo tea. Manufactured and packed as above. — Java.
30—39 Cigars. — Sumatra.
33 Table rice. — Indonesia (Java).
34 Ketana rice. Paint rice of the Malaya, see No. 137, 1st collection. — Java.
35 Ketana rice. Dark variety. — Java.
36 Ketana tanah. Ground nut. — Java.
38—60 Ketana ejom. Green pea. — Java.
41 Ketana Tungah. Used as a vegetable. — Java.
42 Ketana botor. The flour used in making cakes. — Java.
43 Blendju. Eaten with coffee when prepared as a paste and fried with oil. — Java.
44 Ketang kadeh. Used as a vegetable. — Java.
45 Wiegane. Eaten in various forms. The oil expressed from it is considered to possess medicinal virtues. — Java.
46 Coffee. Produce of the estate of Mr. Henty. — Sarawak (Borneo).
47 Coffee. — Puaouan (Java).
48 Arrow-root. — Sarawak (Borneo).
49 Arrow-root. — Java.
50, 51 White and black pepper. — Sumatra.
52 Long pepper. — Java.
53, 54, 55 Black, Cayenne, and common pepper. — Sarawak (Borneo).
56, 57 Tamarinds and turmeric. — Java.
58 Nutmegs, mace, cloves, and betelnut. — Sarawak (Borneo).
59 Sili oil. — Sumatra.
60 Coco-nut oil. — Sarawak.
61 Minak jarak. Castor oil. Used for lamps, and for paying the bottoms of ships. — Java.
62 Ketang oil. Prepared from the ground nut, No. 36. — Java.
63 Kayu puteh oil. — Malacca.
68 Cinnamon. Grown as above. — Java.
69 Sugar. Manufactured in Dutch high-pressure vacuum pans. — Sumatra.
70 Sugar. Manufactured by a new process not yet generally known. Made in common open battery pans. — Sarawak (Java).
71 Sugar. Manufactured in low-pressure vacuum pans. — Probispaya (Java).
72 Sugar. Made in common open battery pans. — Sarawak (Java).
73 Sugar. Same as No. 71. — Sarawak (Java).
74 Sugar. Made from the juice extracted from the flowerspate of the Gummuti palm. — Java.
75 Sago cakes. The pith of the sago palm prepared for use and exportation. — Moluccas.
76 Iron. Smelted by the aborigines from native ores. — Celebes.
77 Essential oils. Extracted from spices, and various odorous woods. — Moluccas.
78 Tin. — Linga.
79a Betel nut. — Singapore.

TEXTILE MATERIALS AND FABRICS.

81 Cotton (cleaned). Grown as above. — Java.
82 Cotton (uncleaned). Upland variety. Grown both as an annual and as a perennial. — Java.
84 Cotton. — Celebes.
85, 86 Cotton. Lowland and upland varieties. — Pamasokan (Java).
87 Cotton, from Fernambuko seed. — Sarawak.
92 Cotton. — Bali.
93 Pine-apple fibre. — Celebes.
94 Papyrus, wood, leaf, and bark. — Java.
95 Bark cloth, made from papyrus bark. — Java.
96 Bark paper. — Madura.
97 Flax, first quality (dressed). — Java.
98 Flax, second quality (dressed). — Java.
100 Cotton-twist, unbleached. — Celebes.
101 Cotton-twist, dyed.— Celebes.
102 Cotton-yarn. — Java.
103 Cotton tape. — Celebes.
104 Embroidered tape. — Celebes.
105 Silk tape. — Celebes.
106 Tallipinding. Waist-belt worn by the natives. — Celebes.
107 Tallipinding. Waist-belt worn by the natives. — Borneo.
108 Cloth. Manufactured by the so-called Arfuras or mountainers of one of the remote eastern islands, said to be New Guinea, but more probably Ceram. — Java.
109 Cotton cloth, unbleached. — Borneo.
110 Cotton cloth. — Borneo.
111 Cotton cloth. — Ceram.
112 Cotton cloth. — Pamasokan (Java).
113 Cotton cloth. Dyed with the Mangkudu root. — Java.
114 Cotton cloth. — Java.
115 Cotton cloth, yarn and dyes of native production. — Java.
116 Cotton cloth. Yarn and dyes the production of Europe. Manufactured, native. — Java.
117, 118 Cotton. — Celebes.
119 Cotton cloth. Woof, native yarn; woof, European yarn; dyes, native. — Java.
120 Cotton cloth. — Celebes.
121—125 Cotton cloth. — Celebes.
126 Cloths. Presented by His Highness the Sultan of Linga. — Linga.
Embroidered cloth. — China.
Embroidered cap. — Singapore.
Fancy Manufactures.
130 Salad bowls, made of buffalo horn.—Java.
131 Pincushion, made of buffalo horn.—Java.
132 Buttons, of various sizes, turned from ivory, bone, and horn.—Java.
133, 134. Combs, tortoise-shell horn.—Java.
135 Kris handles, carved ivory.—Java.
136, 137. Covers for tumblers, tortoise-shell.—Java.
138 Covers for tumblers, buffalo horn.—Java.
139 Cigar cases, variegated bamboo.—Java.
140 Cigar cases, tortoise-shell.—Java.
141 Cigar cases, tortoise-shell, with spring lid.—Celebes.
142 Arm bands.—Celebes.
143 Kris ring and cockatoo chain.—Celebes.
144 Finger rings.—Celebes.
145 Seal ring.—Celebes.
146 Silver bracelets.—Celebes.
147, 148 Chimney ornaments, made from the nautilus shell.—Java.
149 Ladies' whips.—Java.
150 Horn combs and needle case.—Celebes.
151 Cuscus fans.—Borneo.
152 Pack of playing cards.—Celebes.
153 Pendant. Golden ornament worn by Malay women of rank as a fastening for the waist belt.—Singapore.

Implments and Articles of Domestic Use.
154 Models of weapons.—Java.
155 Siri, or betel box. This form of box can only be used by the Sultan. Presented by H. H. the Sultan of Linga.—Linga.
156 Siri, or betel box. Form peculiar to the Rajah Muda or heir apparent.—Linga.
157 Siri, or betel box. Form peculiar to the Bintahara or treasurer.—Linga.
158 Siri, or betel box. Form peculiar to the tanunggung or minister of war and police.—Linga.
159 Knives, made from native iron.—Celebes.
160 Kiewang, or sword.—Batan.
161 Hedung. Chopping knife of the Tengger mountaineers.—Java.
162 Sword. Made of native iron by people of Kotai, east coast of Borneo. Borneo.
163 Betel box, containing two male and two female combs, and two children's anklets.—Java.
164 Chair mat.—Bawiana.
165 Sleeping mat.—Bawiana.
166 Dyak violin.—Borneo.
167 Kayan guitar.—Borneo.
168 Native musical instrument.—Java.
169 Brushes, made of the gambuti fibre.—Celebes.
170 Instrument used for boring wood.—Java.
171 Native rope, made from the bark of the kasumba.—Celebes.
172 Strainer.—Celebes.
173a Gutta-percha splints, for setting broken limbs.—Singapore.
173b. Two lollahs, brass swivel guns used as an armament for Malay prahaus.—Singapore.

Miscellaneous.
174 Model of a farm establishment.—Java.

Articles collected by the LABUAN GOVERNMENT and forwarded to Singapore to be incorporated with the collection from that place:

Arms.

1—3 Ilang, shield, and war-jacket. The arms of the Kyaun Chief "Ayer Beribari."
North-west Coast of Borneo.

7. Causonchouc.
8. Kayu Garu. Emits a fragrance, and is burned as incense.
13. Tortoise shell.—Labuan and North-west Coast.

North-west Coast of Borneo.

14. Pepper (black).
15. Cotton.
17. Kappan paddy.
19. Sampang paddy. Ripens in three months from the time of planting.
22. Pasir rice. All grown on the sides of hills.
23. Sambas bigi paddy.
29. Nipah salt. Made from the ashes of the Nipah palm; in extensive use amongst the natives of the Interior.
30. Treacle.
31. Vegetable tallow. Extracted from the nut of various species of Dipterocarpus.
32. Minlay Kapayang. Procured from the seeds of Paniguru edule.
33. Minlay Beribadak.
34. Minlay Langa.
35. Minlay Cambayo.
37. Minlay Kruin. Wood oil; extracted by heat from a species of Dipterocarpus.
38. Civet.
39. Seed pearls. Used as medicine by the Chinese.
40. Minlay Kapur. Found very efficacious in cases of rheumatism.
41. Malacca canes.

List of Woods from Labuan.

6. Kayu Oobah. About 40 ft., diameter 18 inches; bark used in dyeing dull red.
14. Yoro. 30 to 35 ft. by 3 ft.
15. Kayu Tobah tobaa tan. 30 ft. by 3 ft.
17. Kayu Kraya. 20 ft. by 18 inches.
19. Kayu Taratang. 20 to 30 ft. by 2 ft.
20. Kayu Sarogan. 25 ft. by 1 ft.
22. Kayu Nasi Nasi. 40 ft. by 2 ft.
23. Kayu Kapur Rangin. 90 to 100 ft. by 4 to 5 ft.

Second Supplementary Collection.

1. Anklongs, or musical bamboo.—Java.
3. Instrument for cleaning cotton.—Celebes.
29. Basket.—Java.
32. Bugis cap.—Celebes.
33. Enamelled paddy; 34-35. Enamelled boxes.—Palimbeny.
55. Fishing net.—Java.
56. Beu or basket.—Macassar.
Tournament saddle and accoutrements.

Box of Samples:

Edible bird's nest.—Borneo.
Wooden bird's nest (white and black).—Borneo.
Specimen of raw silk, gum benjamin, sand gamboge.—Java.
Cigar cases.—Java.
Ear ornaments of tiger's teeth.—Borneo.
A gamelan, or complete set of Javanese musical instruments.
JERSEY. GUERNSEY. Ceylon.

AVENUE I, AREA 29, 30.


1. Wharf, H. C. F. G. & Regent Road.—Geological specimens of the granites of Jersey.

2. St. Peter's Port, Inv. and Manor. — Machine moving by the equilibrium of water and air. Boat moved by the same power. Clock, on the same principle.

3. Berland, Pomme d'Or.—A machine to stop railway carriages instantaneously.

5. Le Motte, H. St. Helier. — Diagrams to elucidate the method of trisecting any angle. The exhibitors' invention.

8. Le Goffic, H. Bond Street.—Model of a swinging beacon, for the prevention of shipwrecks, by marking the situation of rocks. Not liable to be damaged, or carried away by sea or shipping.

8. Guille, J. Bond Street.—Model of a life-boat.


10. Le Feuvre, F. St. Clement Academy, Inv.—Ornery, for school use.

11. Menolly, G. George Town.—Sets of tables, for instructing youth in reading.

12. White, G. St. Mark School, Prop. — Class box and illustration board, to exhibit writing, etc. Door governor: to prevent violent shutting. Intended for registration. Chimney-pot or ventilator; to prevent "down-draught." Register, illuminated clock: to show the hour after dark by light. Intended for registration. Pump and blower, for the conveyance of water or air. Intended for registration.


15. Viret, S. St. Mary, Manx.—A pair of knitted stockings.

16. Manic, M. King St. Manx.—Richly knitted silk jacket.

17. Searle, G. Beresford St, Prop. — Chaise harness.

19. Carmar, J. David Pl. Manx.—A pair of scissors and a knife, the two less than one grain in weight.

20. Jowha, P. Peter St. Inv. and Manor. — Carriage gum: takes readily to pieces, and can be used as a rifle, a bowling-piece, or a pistol; cannot be discharged by accident, having a secret spring; is richly embossed, and imibed with gold and silver. The lock is of a peculiar construction; the stock is beautifully carved.


21. Stead, W. Hill St. Manx.—A piece of furniture, applicable as a celeret or font.

22. Collis, W. Belmont House.—Specimens of calotypes, done from life.

23. Boverie, A. George, Bath St — A model in paper, representing Her Majesty landing at Victoria Pier, Jersey, 3rd September, 1846.

24. Simon, Miss, Elizabeth Pl.—Basket-work, in paper; an heirloom from her progenitor, Madame Maguer, in 1728.

25. Clotet, Thomas, jun. — Specimens of Guernsey granites.


27. Allinson, E. M. St. Peter's Port, Inv. — Model of a machine to determine the distance run by a ship, and at the same time to determine the ship's place on the chart.

28. Harris, P. G. Inv. — A cocking machine.


30. Dobson, Harriet, De Beauvoir, Des. & Inv. — Table-top, ornamented with shells found in the Island of Herm. Group of poultries.

31. Hutt, Elizabeth, Queen's Road, Des. Inv. & Manx.—Vases, with shell flowers. Octagon table slabs in rosewood cases.

32. Sanchot, J. Victoria Road, Inv. — Model of a machine for welding chain-cable and other links.

33. Arnold, A. Commercial Arcade, Manx.—Manufacture of iodine and hydriodic acid of potash. Specimens of the use of the fume and the salts which grow abundantly on the north and west coasts of the island of Guernsey. Fused mass, constituting the ashes of these marine plants, and containing salts of sodas, potash, lime, and magnesia; in the rough state, iodine (commercial). Crystals of iodine of potassium, or hydriodic acid of potash. Resinous product, constituting the ashes of the fume and the salts after the iodine has been extracted, and containing the salts of potash, soda, lime, and magnesia, as chlorides and sulphates.

34. Gould, T. Inv. — Salts, similar to those commonly called "Essene."


36. Le Breiz, N. St. Peter's Port, Prop. — Guernsey farm-saddle. Mat and foot-stool of "ham." Bullock's and horse's collar of "ham." Coils of "ham" rope. Shackles of "ham." "Ham," a bank of the raw material.


CEYLON.

AVENUE I, AREA 32.

Collection of Natural Productions and Manufactures of the Island of Ceylon.

Gum, The Countess.—A gilt sprinkler under a shade from Ceylon.

Albrecht, G. H. & Co.—Cinnamon and cinnamon-oil.


Cocoa-nuts, from the South and West Province. Rice, general. Arrow-root, from the South Province. Manioc,
from the West and South Province.  Hill paddy, from the Central Province.  Curragan, general.  Maize, millet, and Tynes, from the South and Central Province.

Coffy, from the Central Province, chiefly.  Cardamoms, from the Four Kories, Galle.

Cinnamon, from the Western Province.

Tobacco, from Jaffna, Negombo, Tangalle.  Ginger and nutmeg from the Western Province.  Yams and sweet potatoes, general.  Talipot leaves, from the Central Province.

Cocoa-nut sugar, from Batticaloa; Palmry sugar, from Jaffna; Cane sugar, from the Western Province.

Masala flour, from the West and South Province.  Arrowroot flour, from the Southern Province.  Sago, from the Northern Province.  Vinegar, general.

Cotton, native, Bourbon, and Sea Island; from Batticaloa and Jaffna.

Colr fibre, from the South and Western Province.

Gamboe and tamarinds, from the West and East Province.  Areca nuts, from Four Kories.  Copperas, from the East and West Province.

Timber, general.  Ceylon Nut, from the North-west and East Province.

Aloes fibre, cardamum plantain, and hibiscus fibre, from Kandy and Colombo.

Ivory and buffalo horns, from the North and East Province.  Deer horns, from the Central and North Province.  Birds' nests, from Pasoom Korie.

Rice and wax, from Biutenna.

Hides and skins, from Colombo.

Musk, from the Northern Province.

Chay, a root, or Indian Madder, from the Northern Province.

Jack and malilie, or halmaille woods, general.

Seppan wood, from the West, South, and East Provinces.

Turmeric and myrobolan, from the East Coast.  Pears, Arugula.

Chalks, from the Northern Province.  Jaffna moss, from Calpeasya.

Sponges and corals, from Jaffna and Trincomalee.

Salt, from Chelaw and Hamboutottle.

Beche de mer, or sea snail, a radiated animal of the Holothurias tribe, from the Northern Province.


Models of carriages and palanquins, from Colombo.

Chokoos, from the Western Province.

Looms; medical stills, from the North, North-west, and South Provinces.

Forge; melting furnaces, from the Central and South Province.

Models of boats; guns; weapons, general, Kandy, &c.

Agricultural tools.

Cotton fabrics, plain and dyed, from the North, East, and South Provinces.

Cotton painted fabrics, from Kandy.

Lace, from Galle.

Ceramic, general.

Gold and silver ornaments, from Kandy, Jaffna, Galle, &c.

Crockery, plain, and painted; and four tons, from Kandy and Matura.

Matting, from Kandy and Calcutta.

Colr cordage, from the Southern Provinces.  Colr webbing and bagging, from the Southern and Northern Provinces.

Alas bagging, from Kandy.  Hibiscus bagging, and cordage.  Sanseira bagging, from Colombo.

Tortoise-shell and Cank ornaments, from Kandy, Matura, and Galle.

Fishing lines and nets.

Basket and boxes; quill, deer horn, buffalo horn, and straw, from Calcutta and Galle.

Kandy painted baskets and boxes; umbrellas; punkins, from Kandy.

Ornamented ola soap, from Kandy and Matura, Galle.

Carved work, ebony, from Galle and Calcutta; ivory, from Four Kories; woods, from Galle and Calcutta; steel, from the Central Provinces; cocoa-nut shells, from Galle; and egg shells, Kandy.

Models of Temples, from Colombo.

IONIAN ISLANDS.

AVENUE I, AREA 30.

WOODFORD, Lady.—A Greek dress, made in Corfu.  A pair of silver-bracelets, made in Corfu; the one with the motto "AMOUNT AION AIAIN."  "My pressure is that of friendship without gods," the other, "O ELPON ATAIHN."  "He who feels affection" (offers it to you).  A silver brooch of elegant pierced work, formed by a garland of grapes and vine-leaves, surrounding the emblem of the Seven Islands.  A brooch in silver filigree-work, with the head of Coryra on the one side, for Corfu; the winged horse of Behemoth on the reverse, for Zakynthos.  A Greek cap, made at Lefkada, a village of Corfu.  Memorial clasp in gold, made at Corfu, and of remarkable workmanship; the gold filigree being placed on a plate of polished gold, which reflects it as from a mirror.  MAMMARANI, Madame.—A gold bracelet, made at Corfu, of filigree work, surrounding the emblem of the islands.

Two silk handkerchiefs, of fine fabric, of Zante manufacture.

An apron of muslin, made in Corfu, with a border worked on linen with the needle; somewhat similar to Dresden-work, but of larger stitch, on a very elegant and classical pattern, of grapes, vine-leaves, and butterflies.  An apron of crochet-work, remarkable for the beauty of the design, and execution; and showing that what has but recently appeared in England as an accomplishment has been for ages the common needlework of the Ionian peasant-girls.  The border is of deep Dresden-work, of magnificent effect, with emblematical designs of lions, cupids, flowers, &c.

These aprons are the ordinary work and every-day wear of the peasant-girls of Corfu.  The dress of the Greek peasant women, in general, being of an extraordinary richness, so that a peasant-bride's dress is often her dowry, being not unfrequently worth 400 or 500 dollars.

MAMMARANI.—Samples of Cephalonia currants.

The island of Cephalonia, though not so rich in currants as Zante, nevertheless supplies a great part of the quantity consumed in Great Britain.

Olive-oil, the growth of Corfu.

FirriRoy, Lord.—Three Zante silk scarfs.

A Zante handkerchief.

Articles exhibited by Lord SEATON:—

1 Specimen of Cephalonian stone.
2 Three specimens of olive wood.
3 Two large specimens of raw silk.
4 Six small specimens of raw silk.
5 Five Zante scarfs.
6 Embroidered gold bag, from Santa Maria.
MALTA.

AVENUE I., AREA 31.

1. TOSI. J. Strada Formi, Valletta, Manu.—Double-bass fiddle, made of bird's-eye maple.
2. BAVA, G. Cegi Ruvoy.—Cotton sail cloth: One piece of four threads of 70 cases; one piece of five threads, containing 69 cases; one piece of six threads, containing 70 cases; one piece of seven threads, containing 70 cases.
3. CHEVALIER, M. Allee de la Rive.—Chequered cotton cloth for carpeting: One piece of seven cases; two pieces of ten cases.
7. FESCHET, V. Floriana.—Specimens of Maltese bookbinding. Collection of ancient and modern costumes of Malta.
8. GAVAGNA, MANICA, Valletta.—Several pieces of broad lace.
9. NAU, ROCCA.—Velvet bags, embroidered; plain embroidered muslin dress; plain embroidered baby's dress. Telfer-cover (lace, Greek style). Embroidered handkerchief. Various specimens of lace and mitella.
10. ENRIQUEZ, MANICA.—Variety of black silk mittens. Habit-shirts, plain embroidered.
12. GOZO, SALTO DEL.—Specimens of black silk lace.
13. CALLE, COSTAR.—Plac of lace of Greek pattern.
14. PIZZIZZO, CHRONICO.—Specimen of lace (Greek pattern).
15. CAMILLERI, E.—Specimen of broad lace, with pieces for sleeves for a clerical dress. Various specimens of lace.
16. VELLA, PAOLO, & Co.—Specimen of lace.
17. UGHI, GIUSEPPINA.—Baby's plain embroidered muslin dress.
18. LACERDE, ELENA NUKRO.—Sample of embroidery with silks: Top of a cushion.
19. FERRARA, ANTONIA.—Paper envelopes, embroidered with silk and gold.
20. AZZOPARDI, J. M.—Pair of mittens, with beads.
22. THE CONSERVATORIO DI SAN GIUSEPPE.—Knitted collars. Knitted fronts of habit-shirts. Specimens of knitted broad and narrow lace; knitted caps; knitted thread stockings.
23. FORTI, A. Strada Strada, Valletta. —Silver filigree reticule.
28. DALLINGER, J. & SONS, Strada Levante, Valletta.—Inlaid marble table-top, 4 feet long, 3 feet broad. Inlaid marble table-top, 3 feet square. Inlaid marble table-top, with Etruscan vase in the centre, 3 feet 6 inches in diameter. Inlaid marble table-top, with the emblem of Carthage in the centre, 2 feet 2 inches in diameter. Pieces of Maltese stone, oiled and prepared for pavements. Drip stone of Maltese stone. Specimens of Malta and Gozo stone and stalactite. Vase, with pedestal of red Gozo marble. Wax and cloth figures.
29. DECOURRE, P. P. Strada San Giovanni, Valletta, Sculp.—Very large jugs, with pedestals, 7 feet in height, and 1 foot 11 inches in breadth. Large vases, 5 feet 2 inches in height, and 2 feet 10 inches in breadth. Jugs, 1 foot 6 inches in height, and 1 foot 3 inches in breadth.
30. DILLES, F. Strada Teatro, Valletta, Sculp.—Stone carvings: Candelabrum, 6 feet high, and 2 feet 8 inches in breadth. Large vase, 4 feet high, and 3 feet 9 inches in breadth.
31. SOLER, J. (Foreman to Mr. G. MUSI), Strada Reale, Valletta, Sculp.—Stone carvings: Vase with handles, 1 foot 8 inches high, 3 feet 10 inches broad. Jug, adorned with vino-leaves, 3 feet 3 inches in height, 1 foot 3 inches wide. Oval vase, 1 foot 4 inches in width. Small basket.
32. TOSI, S. Strada San Giovanni, Valletta, Sculp.—Vase, with satyrs and flowers, 4 feet 8 inches in height, and 2 feet 3 inches in breadth. Vase, with eagles, 1 foot 9 inches high, and 1 foot 3 inches broad.
33. BURKHARD, M. Birchicara.—Manufactures in straw: Straw mats, hats, caps, and samples of straw plaits.
Waterproof hats; two oil-skin pilable hats; two oil-skin strong hats.


24. **TREFA, F. Strada Santa Lucia, Valletta, Sculp.**—Vase of antique form, with satin, wreaths of flowers and vines, 5 feet 4 inches in height, and 2 feet 4 inches in breadth. Vase of antique form, with vines, leaves, 4 feet in height, and 7 feet 9 inches in breadth. Common vase, 1 foot 3 inches high, and 1 foot 4 inches broad.

25. **THE CANONICO POLITO, Vittoriosa, Mann.**—Figures of wax: The grand master Valletta; the grand master Lonsdale; knight of the order of Malta; grand master in warrior costume.

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**CAPE OF GOOD HOPE.**

**AVENUE M., AREA 30.**


2. **MEIERS, I. Z. P. I. Paarl.**—Argol white and red.


4. **TREFF, H. Swellendam.**—Medicinal plants and drugs. Mustard seed, and walnut oil.

5. **BAYLEY, J. B. Caledon.**—Preserved fruits; gold of pleasure.

6. **VOLSTETER, J. F. Caledon.**—Samples of mohair.

7. **FAARDENBERG, J. S. C. Malmesbury.**—Samples of honey.


9. **RETT, BREDA, JORDEN, & Co. Swellendam.**—Samples of wool.

10. **BOTANIC GARDENS, Cape Town.**—Samples of cotton.

11. **MANN, C. Cape Town.**—Samples of cotton.

12. **SCHMIDTENHOVEN, C. Cape Town.**—Feather tippet.

13. **CLARENCE, RICHARD, Cape Town.**—Sea elephant oil; sheep's tail oil.


15. **THERON, G. Cape Town.**—Sea-cow teeth.

16. **METERS, F. Cape Town.**—Ox horns, polished and rough.

17. **WATERMUEYER, C. Green Point.**—Specimens of hemp (flax).


19. **DRAKE & JOHNSON, Cape Town.**—Karas, or oloaks, such as are worn by the Kaffirs, made of the skins of wild animals.

20. **HANBURY, E. Cape Town.**—Skins of wild animals.


22. **CHAFFIN, A. & Co., Cape Town.**—Skins of wild animals. Twelve goat skins, weighting 25 lbs. each.


24. **BRIDGES, C. Cape Town.**—Stone box.

25. **MISSIONARY INSTITUTION, Genadendal.**—Manufactured olive wood.


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27. **THALWITZER, M. Cape Town.**—Curiosities; bows and arrows; Bushman's blanket.


29. **MOAG, W. Cape Town.**—Kaffir warrior's head-dress.

30. **FOOK, E. Cape Town.**—Model in clay.

**SOUTH AFRICAN PRODUCTIONS, forwarded by the Agricultural Society of the Cape of Good Hope.**

31. **RETT, BREDA, & CO.**—Samples of fine wool.

32. **BREDA, D. J. Van.**—Samples of fine wool.

33. **MANUEL, C.**—Samples of Native cotton.

34. **PRINCE, COLLINS, & CO.**—A barrel of fine flour.

35. **VOLSTETER, J. P.**—Preserved fruits.

36. **MOOS, N. Cigars and manila tobacco.

37. **BEIGHT, J.**—Two large Malagas guano.

38. **SMITHERS, J.**—Tallow and soap.

39. **SCHLUETER, H.**—Cask of salt beef.

40. **MANTZ, W.**—Cask of salt pork.

41. **MOOS, T.**—A roll of sole leather.

42. **SCHMIDTENHOVEN, C.**—A tippet made from the feathers of various Cape birds. Samples of sole leather.

43. **MISSIONARY STATION, GROENLOOF.**—Quinces, walking-sticks, stained; riding whip, stained; and olive wood work-box.

44. **MISSIONARY STATION AT GENADENDAAL.**—Double chopping knife, bread cutting and hunting knives, vine cutter, pocket knives, and bochleinen; knife. Box composed of thirty specimens of various woods, in the rough and polished state; olive wood box.

45. **LINDENBERG, J.**—Specimen of berry wax; specimens of bees' wax.

46. **BARN, S. A.**—Sack of wheat.

47. **DUNLAPTON, E.**—Box, containing forty-three specimens of Cape woods, in the bark, rough and polished.

48. **SCHMIDTENHOVEN, J. E. & CO.**—Specimens of medicinal herbs and drugs.

49. **RETT, H.**—Impure carbonate of soda, prepared from gunna ashes.

50. **FAS, A. DE.**—Samples of gunna.

51. **WATERMUEYER, C.**—Ochillia weed.

52. **SOUTH, J. G.**—Honey.

53. **BOUCHER, & LAUR.**—An elephant's tusk, weighing 105 lbs. another weighing 97 lbs.

54. **CLARENCE, R.**—Dried fruits, viz: Almonds, peaches, raisins, apricots, pears, currants, and walnuts.

55. **CALF, J.**—Specimens of plumbago, Fuller's earth, &c. Box of cypress shingles.

56. **GILD, G. & CO.**—Specimens of iron ore.

57. **A library chair, presented by C. B. Alderley, Esq. M.P. by the inhabitants of the Eastern province of the colony of the Cape of Good Hope. Designed and carved by J. Hart, of Graham's Town.**

58. **SUTHERLAND, J. Agent to Steam Twist Nest Mills.**—Wheat flour manufactured by Mr. J. F. Fredericksen, of the Twist Nest Steam Mills, Cape Town.


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**AFRICA.**

**AVENUE M., AREA 32.**

**WARWICK, WESSEX, 73 Gracechurch St. Imp.**—

AFRICA.

18 Female head-bands, worn by the higher and lower classes; manufactured at Yabotchy and Egga.
19 Female fine dress head-bands, worn by the higher class of people. The red silk brought by the Arabs through the desert from Tripoli into Hausa country, and amongst other towns to Birmi or Brini Canu.
20 Female head-cloth; length 4 ft. 1 in. The brown cotton is taken from the silk cotton tree.
21 Fine and blue-striped cloth, worn by the higher class.
22 Fine and blue-striped cloth, worn by the higher class. The manner in which the silk is dyed is as follows:—After the cloth has been well dyed, it is taken out of the indigo dye, and hung up until it is thoroughly dry; then it is spread on a wooden roller, well rubbed with the shell of a small nut as hard as the force of the wrist can bear, which gives the gloss.
23 Fine and dyed unbleached cotton robe.
24 Fine dress striped robe, worn by the higher class of people. The yellow colour is dyed at Kattam Karafi, a town on the left bank of the Niger, a short distance above its confluence with the Chadda. The red silk is brought by the Arabs into the Hausa country.
25 Fine checkered short robe, worn with raw silk, worn by the higher class of people.
26 Checkered long robe, and Hausa trousers, braided with red silk about the ankles, after the Turkish fashion; worn by the higher class of people.
27 Strainer or sieve, made out of the slips of bamboo; manufactured at Burri Canu.
28 Small earthen cooking pot and cover, earthen dishes, and stands for lamps; used by the higher class of people.
29 Cushion. The red base of European manufacture; the yellow skin dyed by the natives of Kattam Karafi.
30 Strings of hairy palm nut beads, made out of burnt kernels; worn round the waist and neck by respectable females.
31 Coloured basket, made out of bamboo; manufactured at Birmi or Brini, in the Hausa country.
32 Basket to hold provisions, rice, corn, &c.
33 Calabash bowl; wooden bowl carved out of solid wood; and calabashes, various sizes. Used by both high and low class of people either to eat or drink out of.
34 Wooden carved ladles or spoons.
35 Bag to hold corn or articles of commerce.
36 Netted bag, for exposing articles of commerce in the market-place.

4 Articles exhibited by J. O. McWilliam, M.D., F.R.S.
1 Shea butter (fatt of the Bussia Parkia), from Egga, River Niger.
2 Cassowary wood ball, from the confluence of Niger and Tchadda.
3 Bow and arrows, with iron barba, from the Icar market, River Niger.
4 Filastah spear, from Kukundrah.
5 Small musical instrument from Kukundrah, River Niger.
6 Cloth made at confluence of Niger and Tchadda.
7 Calabashes from Egga and Kukundrah, River Niger.
8 Horn ornamented on silk, worn by the females at Iddah, River Niger.
9 Small leather bottles, for gourds to dye the eyelids.
10 Confluence of Niger and Tchadda.
11 Breeches of the same.
12 Knitted and small scarfs from Egga.
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<th>CANADA</th>
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<tr>
<td><strong>AVENUES M. N. O., AREAS 30, 31, 32.</strong></td>
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<tr>
<td>13 Broad-brimmed straw-hat, from Kins, or Icar Market, River Niger.</td>
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<td>14 Earthenware, from Icar Market, River Niger.</td>
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<td>15 Oats of vegetable fibre, by which the Africans ascend the naked trunks of the palm tree.</td>
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<tr>
<td>16 Calabash women’s dress, comprehending a series of dishes of various kinds and sizes, and platter spoons, bottles, cups, etc.</td>
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<tr>
<td>17 Pipes, from confluence of Niger and Tchadda.</td>
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<td>18 Staff of honour, carried before the African chiefs.</td>
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| 3 Mans, A. Montreal.—Samples of mineral water. |
| 4 Canwell, Montréal.—Samples of maple sugar, and double refined sugar. |
| 5 Levett, J. Montreal.—Samples of suet. |
| 7 Lyman, H. Montreal.—Honey. |
| 8 Nicolau, J. Montreal.—Barrel of beef. |
| 9 Levy, J. Montreal.—Boll of tobacco. |
| 10 Renhardt, G. Montreal.—Barrel of pork. |
| 11 Logand, J. Montreal.—Barrel of full wheat. |
| 12 Idles, E. Montreal.—Fork; lard, etc. |
| 13 Barker, J. York.—Double refined sugar. |
| 14 Parker, J. Hatley.—Maple sugar. |
| 15 Fisher, A. Ascott.—Maple sugar. |
| 16 Flanagan, J. Montreal.—Maiden hair, syrup, and raspberry vinegar. |
| 17 Bousquet & Shep (St. Hilaire.—Preserved potatoes and potato starch. Preserved potatoes, for ships’ stores, especially for long voyages. |
| 18 Mur, A. Hinchinbrooke.—Barrel of oats. |
| 19 Watts, R. R. Grantham.—Barrel of oats. |
| 20 La Mare, Madame, Montreal.—Barrel of beans. |
| 21 Fisher, J. Montreal.—Barrel of horse-hair. |
| 22 Bresnahan, J. St. Martin’s.—Barrel of yellow beans. |
| 23 Graham, J. Sydney.—Barrel of fall wheat. |
| 24 Provincial Agricultural Association, C. W.—Barrel of fall wheat. |
| 26 Caniff, J. & J. Thurlow.—Barrel of buckwheat flour. |
| 27 Squire, R. Bowmanville.—Sample of oatmeal. |
| 28 Simpkin, J. & Co.—Bowmanville.—Samples of flour. |
| 29 Lengham, T. Thurlow.—Samples of flour. |
| 30 Tailey, C. V. Thurlow.—Barrel of flour. |
| 31 Trenholm, E. E. J.—Barrel of Indian meal. |
| 32 Francis, J. St. Martin’s.—Samples of starch. |
| 33 Smith, A. Stanstead.—Bale of hops. |
| 34 Ferrer, J. Lachine.—Bale of hops. |
| 35 Allen, J. Long Point.—Samples of wheat. |
| 36 Boa, W. St. Laurent.—Barrel of peas. |
| 37 West, W. F. Ameliasburgh.—Spring wheat. |
| 38 Demarle, P. Terrebonne.—Spring wheat. |
| 39 Boa, W. St. Laurent.—Barrel of barley. |
| 40 Lavoie, D. Verendal.—Spring wheat. |
| 41 Drummond, J. Petite Cote.—Spring wheat. |
| 42 Fillmore, G.—Barrel of oats. |
| 43 Muir, A. Hinchinbrooke.—Barrel of oats. |
| 44 Watts, R. N. Grantham.—Barrel of oats. |
| 45 La Mare, Madame, Montreal.—Barrel of beans. |
| 46 Lefoide, D. Terrebonne.—Barrel of peas. |
| 47 Townshend, Longueuil.—Barrel of beans. |
| 48 Jones, D. Sydney.—Barrel of peas. |
| 49 Provincial Agricultural Association, C. W.—Barrel of wheat. |
| 50 Desjardins, P. St. Rose.—Barrel of buckwheat. |
| 51 Logan, J. Montreal.—Corn in the ear. |
| 52 Shaw, A. Toronto.—Corn in the ear. |
| 53 Richers, A. St. Laurent.—Indian meal; ship’s biscuit; crackers; Bologna sausages; Fletcher’s candy; smoked hams; beef tongues; etc. |
| 54 Commission, Montreal.—Planks and blocks of wood of various kinds. |
| 55 Allo, Montreal.—Tanning materials. |
| 56 Davis, J. Simco, C. W.—Walnut plank. |
| 57 Grieve, F. Montreal.—Hemp and seed. |
| 58 Parks, J. St. Martin.—Beef-wax. |
| 60 Reed & Meakins, Montreal.—Planks of birch, cherry, pine, and butternut. |
| 61 Parks, J. St. Martin.—Planks of chestnut and soft maple; (Aesc Américaines.). |
| 62 Barties, M. St. Rose.—Samples of flax. |
| 63 MacFarland, J.—Cote des Nigres.—Samples of gunny. |
| 64 Desjardin, P. St. Rose.—Barrel of flax-seed. |
| 65 Fisher, J. River de Plaine.—Siberian oil-seed. |
| 66 Uarz, D. St. Anne.—Timothy seed (Phleum pratense). |
| 67 McGinn, J. Montreal.—Timothy seed. |
| 68 Jeffries, J. Bandon.—Bed clover seed; garden seeds. |
| 69 O’Meara, M. Montreal.—Double sleich. |
| 70 McClean & Wright, Montreal.—Single sleich, pole and shafts. |
| 72 Perry, J. Montreal.—Copying press. |
| 73 Bonner, P. St. Hyacinthe.—Model locomotive steam-engine; gang, etc.; single sleich; light carriage; carriage-wheels. |
| 74 Lewis, R. Melbourn.—Two model bridges. |
| 75 Commission, Montreal.—Ship-building crooks and foretops; barn canoes. |
| 76 Boyd, T. J. Montreal.—Cut rifle gun. |
| 77 Amsfield, J. Toronto.—Cut rifle gun. |
| 78 Allo, J. Montreal.—Model cannon. |
| 79 Clarke, J. Montreal.—Ship blocks. |
| 80 Allo, J. Montreal.—Shot-bag and rammer; military helmet. |
| 81 Ladd, C. V. Montreal.—Grist-mill. |
| 82 Fleck, A. Montreal.—Light plough. |
| 83 Brinkner, O. K. Hamilton.—Common brooms. |
| 84 Nelson & Logans, Montreal.—Common brooms and whiskers. |
| 85 Wether, W. F. Ameliasburgh.—A churn. |
| 86 Fernhill, S. H. A.—A plough. |
| 87 Skinman & McCulloch, Brockville.—Hay and measure forks; scythe snatchers. |
| 89 Thompson, T. B.—Theodolite. |
| 90 Hugues, P.—Violin and case, clarionet, and piazo piano. |
| 91 Herbert, J. W. Montreal.—Pianoforte. Blankets. |
| 92 Brandes, B. —Woollen counterpane.
149 COMMISSION, Montreal.—Wooden snow shovels.
   Specimens of maple, oak, and black walnut veneer.
148 WHEELER, T. Toronto.—Brushes.
144 PARKES, Brothers, Toronto.—Specimens of turning.
145 Bailey, J. Sherbrooke.—Pails.
146 DODD, R. Ayr.—A tub.
147 HENDERSON, —, Montreal.—Cigar cases, pursers, and fans.
148 ROCHELLELAND, Helee, Three Rivers.—Bark-box, and fans.
149 CAMPBELL, Major, St. Hilaire.—Bark tray, and box. Soap. Indian curiosities.
150 MONTERRAC, Madame, Mont réal. City arms.
151 WHEELER, T. Toronto.—Leather medal and die.
152 MATTHEWS, G. Montreal.—Lithotype.
153 FLING, S. Toronto.—Lithographic drawing.
155 LOGAN, W. E., Montreal.—Specimens of magnetic specular and bog iron ores, and other minerals.
156 Wilson, Dr. J. Perth.—Magnetic iron ore, from South Brisbane. Felspathic granite, from Burgess. Dolomite, from Dalhousie. Serpentines, from Burgess. Peridotites, peristerite, and graphite granite, from Bethel.
157 DICKSON, Mr. Sheriff, A. Fackenhau.—Specular iron ore from Macmab.
158 MARMAURA IRON COMPANY, Marmora.—Pig-iron, smelted at their furnaces, from the magnetic ore of the township.
159 FERRER, H. J. Montreal.—Specimens of iron, bog-iron ore, and refractory sandstone.
160 LAMCASTER, —, Vaudeville.—Specimens of bog-iron ore, and phosphate of iron.
161 PROULL, J. St. Eustache.—Specimens of bog-iron ore, from Rivière du Chêne.
162 MARQUET, F. Portneuf.—Specimens of bog-iron ore.
163 MORRIS, Capt. St. Vallier.—Specimens of bog-iron ore.
164 MONTREAL MINING COMPANY.—Copper ore, from Bruce mines, Lake Huron, and tough cake copper, smelted there from the same. Native copper and silver, from St. Ignace Island, Lake Superior.
165 BAGLEY, J. F. Montreal.—Silver ore, from Prince's Location, Lake Superior; and smelted silver from the same.
166 CHAUMIERE Mining COMPANY, Quebec.—Specimens of native gold.
167 HARWOOD, Hor. —, Vaudeville.—Specimens of black-lead from Grenville.
168 BOUDOUIN & LEMER, Vaudeville.—Specimens of white quartzose sandstone.
169 SEER, L. M. St. Eustache.—Specimens of iron ore.
170 LA BARRE, D. G., Point du Lac.—Specimens of iron ore.
171 HALL, J. Melbourne.—Specimens of iron ore, and roofing slates.
172 CARON, E. St. Ann, Montmorency.—Specimens of iron ore.
173 QUINLEY, M. Fergus.—Specimens of slates.
174 DURKIN, G., Murray Bay.—Specimens of iron ore.
175 KELLY, B. W., Gaspé.—Specimens of iron ore and shell marl.
176 YOUNGS, A. Belleville.—Specimens of shell marl.
177 De LENDREYER, E. T. C. Vaudeville.—Specimens of shell marl.
178 BROWN, Mr. Sheriff, Montreal.—Shell marl.
179 BOYD, H.E., Dr. St. Hyacinthe.—Samples of peat.
180 Central Commission, Montreal.—Specimen of double refined sugar.
181 Balings, J. York.—Specimen of double refined sugar.
182 Parker, J. Bailey.—Specimen of maple sugar.
183 Fisher, A. Ascutt.—Specimen of maple sugar.
184 Grieve, F. Montreal.—Specimens of hemp and of seed.
185 Logan, J. Montreal.—Three bushels fall wheat.
186 MacCulloch, Dr. J. Montreal.—A fungus from the pine-tree, used in Canada as a bitter tonic.
188 Bond & Meakin, Montreal.—Plank of birch, cherry, pine, and butternut.
189 Bond & Meakin, Montreal.—Planks of birch, cherry, pine, and butternut.
190 Parhade, J. St. Martin.—Plank of chestnut.
191 Parhade, F. St. Martin.—Plank of soft maple.
192 Allen, J. Longpoint.—Barrel of wheat.
193 Beal, W. St. Lawrence.—Barrel of peas.
194 Weaver, W. F. Amherstburg.—Barrel of spring wheat.
195 Desmarais, P. Terrebonne.—Barrel of spring wheat.
196 Beal, W. St. Lawrence.—Barrel of barley.
197 Laurent, D. Valenciennes.—Barrel of spring wheat.
198 Drummond, J. Petite Cote.—Barrel of spring wheat.
199 Tuttlemore, G.—Barrel of oats.
200 Man, A. Hominybrook.—Barrel of oats.
201 Watte, E. Eastham.—Barrel of oats.
202 Limkens, Madame, Montreal.—Barrel of beans.
203 Fisk, J. River de Prairie.—Barrel of horsebeans.
204 Beale, J. St. Martin’s.—Barrel of yellow beans.
205 Provincial Agricultural Association, Canada, W.—Barrel of fall wheat.
206 Graham, J. Sydney.—Barrel of fall wheat.
207 Logan, D. Terrebonne.—Barrel of peas.
208 Faulkner, C. Longueuil.—Barrel of beans.
209 Jones, J. Sydney.—Barrel of peas.
210 Provincial Agricultural Association, Canada, W.—Barrel of fall wheat.
212 Caniff, F. and T. Thurlow.—Barrel of buckwheat flour.
213 Scaife, R. Bowmanville.—Barrel of oatmeal.
215 Leighton, T. Thurlow.—Barrel of flour.
216 Talley, V. P. Thurlow.—Barrel of flour.
217 Trenholm, E. E. T.—Barrel of Indian meal.
218 Lewis, J. Montreal.—Roll of tobacco.
219 Bastien, J. St. Rose.—Specimen of flax.
220 McFarlane, A. C. A. des Neiges.—Specimens of glue.
221 Desjardins, B. St. Rose.—Barrel of flax seed.
222 Fisher, J. River de Prairie.—Specimens of Siberian oil-seed.
223 Desjardins, P. St. Rose.—Barrel of buckwheat.
224 Usborne, S. St. Anne.—Barrel of timothy seed.
225 McGuire, T. Montreal.—Barrel of timothy seed.
226 Jeffries, J. Baradon.—Specimens of red clover seed.
227 Shaw, A. Toronto.—Specimens of corn in the ear.
228 Logan, J. Montreal.—Specimen of corn in the ear.
229 Bache, A. St. Lawrence.—Barrel of Indian meal.
230 Davis, J. Simcoe.—Plank of walnut.
231 Allen, J. Montreal.—Specimens of calf leather, upper and harness.
232 McLean & Cummings, Chippewa.—Sides of sole leather.
234 Trenchard, P. Quebec.—Specimen of moose skin.
235 Tourond, P.—Specimen of tanned moose hide.
236 Pember, J. Samples of starch.
237 Thompson, T. Three Rivers.—Pair of moose horns.
238 Smith, B. Sis-steel.—Bale of hops.
239 Pemberton, J. Lachine.—Bale of hops.
240 Shepherd, G. Montreal.—Various samples of garden seeds.
241 Central Commission, Montreal.—Shipbuilding crooks and fastocks.
242 Rice, W. H. Montreal.—Wire cloth.
243 Morris, R. Montreal.—Set of double carriage harness.
244 Lewis, H. Melbourne.—Model bridges.
245 Wallace, A. Montreal.—Bench and moulding planes.
246 LARD, C. F. Montreal.—Patent balance scales.
Various chopping axes.
247 Morris, J. Montreal.—A walnut bedstead.
248 Reed & Meakin, Montreal.—Chairs, sofa, and chiffonnieres.
249 Nelson & Butters, Montreal.—Corn-brooms and whips.
250 Laffamme, M. A. Montreal.—Patterns of oil-cloth.
251 De Montigny, Madame,—City sarong.
252 Ferguson, W. Montreal.—Flexible branch pipe.
253 Allen, J. Montreal.—Shot-lag and rammer.
255 Clarke, J. Montreal.—Ship-blocks, of various kinds.
256 Ramsay & McCauley, Montreal.—Tables of painted mahogany, and of imitation oak and marble.
257 Central Commission, Montreal.—A bark canoe.
258 Cherry, G. H. Toronto.—Copper furniture for a stove.
259 Boyd, F. J. Montreal.—A cut rifle gun.
261 Cherry, G. H. Toronto.—A cooking-stove.
262 Hammond, R. Montreal.—A stone centre-table.
263 Scott & Glasford.—A chopping axe.
264 Baird, O. N. Hamilton, Canada West.—Corn-whips and dusters.
265 Holland & Dunn.—Cut nails, assorted.
266 Dunn, W. Quebec.—Embroidered chairs.
267 Bean, S. E. T.—Woollen counterpane.
268 Mixon, T. Toronto.—Woollen counterpane.
270 Barrie, Messrs. Esquing.—Piece of carpeting.
271 Forster, M. St. David.—Piece of linen.
272 Bean, S. E. T.—Table-cloths.
273 Willet, Messrs. Chambly.—Piece of grey cloth.
274 McKee & Co. New Edinburgh.—Pieces of grey cloth and of satinette, of various kinds, including dark and brown.
275 Shaw, S. Toronto.—Hunting, chopping, and broad axes. Cooper's tools. Framing chisels.
276 Weese, W. F. Amherstburg.—A churn.
277 Simpson, T. B.—A theodolite.
278 Onondaga, P.—Pair of snow-shoes; also moccasins.
279 Huggins, P.—Violan and case.
280 Bell, F. W. St. Catherine.—Indian dress, viz. coat, pair of leggings, cap, gun-case, knife-case, bridle, and pair of small belts.
281 Threlkeld, —, Toronto.—An assortment of whips.
288 HENDERSON, — Montreal. — Embroidered slippers, lace-case, parasols, and fans.
289 ECHERIAN, H., Three Rivers. — Bark box and fan.
290 CAMPBELL, Major, St. Hilaire. — Bark tray and box.
292 WHEELER, T. Toronto. — Leather model and dies.
293 Holmes, — Quebec. — Duplex safety reel.
294 PASKES BROTHERS, Toronto. — Various specimens of turning.
295 MATTHEWS, C. Montreal. — A lithotype.
297 HENDERSON, H. Quebec. — Coils of rope.
298 HENDERSON, H. Montreal. — Case of pipes, assorted.
299 BAXTER, J. Sherbrooke. — Several poles.
300 DODD, R. S. Ay. — A tub.
301 GOOSEN, A. Montreal. — Box of twine, assorted.
302 DIXON, T. Toronto. — Specimens of cordage.
307 CENTRAL COMMITTEE, Montreal. — Wooden snow-shoes. Ornamental stool, with moose feet.
308 BELL, P. W. St. Catherine. — An Indian saddle.
309 WARD, J. E. Montreal. — Shoe-laces.
310 BRAIDED, O. M. Hamilton. — Corn-brooms.
311 CHERVET, G. H. Toronto. — A sad-iron plate.
312 LEAVITT, G. Dundas. — Chopping and broad axes.
313 GLASSFORD, — Brockville. — A grain cradle.
314 SKINNER & MCCULLOCH, Brockville. — Grain cradles.
315 McGUIFF & SULLIVAN, Hamilton. — Hunting saddle.
317 McLEAN & WRIGHT, Montreal. — Single sleigh, with pole and shafts.
318 LAZARUS, M. A. Montreal. — Oil-cloth and table-cloths.
319 O'MEARA, H. Montreal. — A double sleigh.
320 CENTRAL COMMITTEE, Montreal. — A spring-back sofa.
325 BRENNER & SHIFTS, St. Hilaire. — Preserved potatoes. Potato starch.
328 FISHERMAN, J. St. Martin. — Bees' wax.
329 LEVEY, J. Montreal. — Samples of musk.
331 LINHAM, H. Montreal. — Samples of honey.
332 NICOLAS, — Montreal. — Barrel of beef.
333 VENNER, J. Lachine. — Bottled cider.
335 MATTHEWS & Son, Montreal. — Case of fancy soaps. Case of common soaps and candles.
339 MOORE, J. W. Montreal. — Barrell of fine ship biscuit. Set of single sledge harness, made of patent leather.
341 FITZ, A. Montreal. — Fancy biscuits.
342 FLORCHER, J. Montreal. — Samples of candy.
343 McPherson, J. Montreal. — A clarinet and a cornet.
345 COMMISSIONERS, Quebec. — Straw-hats.
347 LOGGAT, H., Montreal. — Gold cable-chain and other articles of jewellery.
349 FALCONER, J. T. Montreal. — Case of type.
351 HULBERT, R. Prescott. — A plough.
352 RODIER, P. St. Hyacinthe. — A model locomotive.
354 FLECK, A. Montreal. — A light plough.
356 FLEMING, B. Toronto. — A lithographic drawing.
359 WHEELER, T. Toronto. — Medallion in gutta percha of the Earl of Elgin, Governor-General of Canada.
360 DICKINSON, C. M. Montreal. — Specimens of dentistry.

NOVA SCOTIA.

AVENUE P., AREAS 30, 31, 32.

GOULD, N. 4 Tavistock Sq. — Bitumen.

ACADIAN IRON MINING ASSOCIATION. — Iron, steel, tin plates, wire, cutlery, bars of iron and steel polished, pig and cast iron.

ARTICLES exhibited by the **Central Committee in Nova Scotia**, consigned to the care of C. D. Archibald, Esq., Portland Place. (Agent, Mr. Maclean, Lobby, Custom-house.)


**Samples of cod-liver oil.** Chemical preparations.

**Maple sugar in crystals;** pulverised; and in syrup. Samples of wheat grown by Indians, and grown by the farmers; weight 64 lbs. 11 oz. per bushel. Sample of maple sugar. Preserved fish. Digby herrings. Barley, wheat, straw, and oats. Indian corn. Beef and ham, 90 lbs. Bacon, &c.

**Specimens of woods:** Curved maple, bird’s-eye maple, veneered birch, grey and white oak, and lepidodendron stem.

**Young seal-skins.**

**Specimen of human bones (Indian).**

Samples of hay-seed, moccasins, and horseshoe; cariboo.

**Collection of botanical specimens.**

**Specimens of preserved animals, birds, and insects.** The birds studded by Mr. Andrew Downes, of Halifax.

**Skins of wild cats (Felis catus);** lynx (Felis lynx); red, cross, black, and white fox (varieties of Vulpes vulpes and Vulpes lagopus); American hare (Lepus americanus); martin (Mustela erinacea); minx (Mustela lutreola); raccoon (Procyon lotor); otter (Lutra vulgaris); beaver (Castor canadensis); bear (Ursus americanus); wolf (Canis lupus); weasel (Mustela erinacea); squirrel (Sciurus); flying squirrel (Pteromyxculator); silver-grey fox, martin, musquash (Mustela socialis); raccoon, and cat-skin sleigh-robes.

**Two iron castings.**

**One Indian canoe and three paddles.** Sample of French home-spun grey, green, striped, and plaid cloth. Check home-spun plaid cloth and brown cloth.

**Two shawls.**

**Quilts, blankets, woolen hearth-rugs, &c.**

**Woollen vest.**

**Stocks and mitts, assorted.**

**Pairs of fine and coarse pegged boots.**

**Shoe-laces.** Snow-shoes with mocassins.

**Grass bonnets and hats.** Down hat, muff, victorine, and cuffs.

**An Indian dress, cradle, chairs, seats, mats, cigar-cases, and other Indian work.**


**Piano, in case of bird’s-eye maple.**

**Soap and candles.** Eel-spears and fishing-rods.

**Indian fan, reticule, hood, purse, and mocassins.**

**Indian and negro bones and baskets.**

**Reticules of grass.**

**ST. HELENA.**

**AVENUE Q., AREA 32.**

**MARBARS, S.—Sample of coffee grown in St. Helena.**

**Agricultural Society of St. Helena, per Capt. Bouyon, 15 Wilton St. Belgrave Sq.—Box of raw cotton.**

**Box of alkali, made from the Salacia plant.**

**Bar of rock salt.**

**ST. MAURITIUS.**

**AVENUE Q., AREA 32.**

**GAVRY, The Countess.**—Basket and wreath of flowers from the Seychelles Islands, made from the leaves of the palm of the Seychelles (**Nisa joucicau**). A nest of baskets.

**DUPONT, EYEN, Esq., Port Louis.**—A packet containing seven pounds of white silk, the produce of the island of Mauritius, from silk-worms reared in the district of Tamarin.

The quality of the silk must not be taken as a criterion of what Mauritius will produce, as the manufacture is in its infancy, and has only lately been commenced.

About 300 acres of ground have been planted in the cooler districts of Mauritius with mulberry trees, which have rapidly grown up, and are now fit for use. A company has been formed in Mauritius by the exertions of Mr. Ewen Dupont, a barrister and planter there, called the **Flature Centrale.** An experienced "filles," Madame Bodden, has been engaged from the neighbouring island of Bourbon, and is now giving instruction to various proprietors. Some ten persons rear worms and send to the Company regular supplies of cocoons, and eighty-seven other proprietors have received cocoons and mulberry cuttings from the Company. It is considered that this manufacture will flourish and increase rapidly in the island, and form eventually an important branch of trade, the climate and the soil being peculiarly suited to the profitable rearing of the silk-worm. From Bourbon it is stated by the correspondent, Mr. Dupont, that silk was sent to Paris of such fine quality as to fetch 111 francs per kilogramme, or about 21 l. 4s. the pound.

**ST. DOMINGO.—(No Return.)**

**AVENUE R., AREA 30.**

**GRENADE.**—(No Return.)

**AVENUE R., AREA 30.**

**MONTserrat.**

A box of mace or Indian corn. A box of arrow-root.
### ST. KITTS.  BARBADOS.  ANTIGUA.  BRITISH GUIANA.

#### ST. KITTS.
**Avenue E., Area 30.**

A West Indian fish-pot, made by John Morris, a black labourer, in the island of St. Christopher, from the inner bark of a tree. It is usually baited and weighted, and then sunk to the depth of eight or ten fathoms. A buoy marks the spot, and it remains about twelve hours in the water.

#### BARRADOS.
**Avenue B., Area 30.**

**Specimens of Natural Productions.**—Fruits, Spices, &c.
- Cactus (Cacti sp.):
- Dunks (Ziziphus jojoba):
- Purple peppers (Capsicum purpureum):
- Finger peppers (Capsicum frutescens):
- Sea-side grapes (Cocculus involutus):
- Otahite gooseberry (Cocculus involutus):
- Golden apple (Spondias dulcis):
- Fig plum (Spondias dulcis):
- Water lemon (Passiflora laurifolia):
- Rass apple (Passiflora laurifolia):
- Chilli peppers (Capsicum frutescens):
- Cherry peppers (Capsicum carneum):
- Cashew (Anacardium occidentale):
- Red bell pepper (Capsicum annuum):
- Green bell pepper (Capsicum annuum):
- Yellow Carrib pepper (Capsicum Caribbeum):
- Mango (Manilkara indica):
- Peach mango (Spondias dulcis):
- Jamaica plum:
- Red bell pepper (Capsicum annuum):
- Star plums (Carpochropus macropus):
- Green sugar apple (Annona squamosa):
- Purple sugar apple (Annona squamosa):
- Tamarind:
- Cream-coloured peppers:
- Guavas:
- Green bell pepper (Capsicum annuum):
- Sapodilla (Annona sapota):
- Cacao (Theobroma cacao):
- Limes (Citrus aurantia):
- Star apple (Carpochropus Carinatus):
- Red bananas (Musa sapientum):
- Yellow bananas (Musa sapientum):
- Avocado pear (Persea graminifolia):
- Citron (Citrus):
- Pomegranate:
- Custard apple (Annona reticulata):
- Bread-fruit (Artocarpus ovata):
- Sour sop (Annona squamosa):
- Green plantain (Musa Paradisiaca):
- Yellow plantain (Musa Paradisiaca):
- Papaw (Carica Pappoia):
- Grape fruit (Citrus):
- Sugar-cane (Canna coccinea):
- Specimens of bituminous coal and salt-lake.
- Bale of cotton.
- Gourd of aloe.
- Bundle of Spanish needles.
- Specimens of transparent and Bourbon cane.
- Flower of transparent and Bourbon cane.
- Bottle of seeds of Guiana Dendro.
- Samples of Gadeen pan sugar and oscillation-sugar.

#### ANTIGUA.
**Avenue Q., Areas 30, 31.**

Gatre, The Countess.—Fossil wood from Antigua, sent home by Governor Higgison.

#### BRITISH GUIANA.
**Avenue S., Area 32.**

(Catalogue of Articles, the Produce of British Guiana, a colony on the coast of South America, embracing the counties of Demarara, Berbice, and Essequibo, exhibited by Alexander P. Eydoway, 43 Leicester Square, London, agent to the Royal Agricultural and Commercial Society of the Colony.)

- **Pollard, T. M.**—White sand, from Mount Pleasant, Warratilla Creek, River Demerara. Red sand, from Warratilla Creek, River Demerara.
- **Duxing, T. B.**—White sand, from Moore Village, River Berbice, about 200 miles above its estuary. Ores, a decomposed rock, from River Berbice, supposed to be valuable in the manufacture of pottery.
- **Bux, J. F.**—Clays and sands, an Artesian boring, obtained at various depths.
- **Netcher, A. D. Van der Gouw.**—Rice, from Plantation Klein Ponderoyen, River Demerara.
- **Duxing, T. B.**—Rice, from Moore Village, River Berbice.
- **Netcher, A. D. Van der Gouw.**—Maize, or Indian corn. Meal from maize, or Indian corn. Plantains, unripe, dried and without the aid of fire. Plantain meal, or kaoline, from Plantation Klein Ponderoyen, River Demerara.
- **Davey, W.**—Plantation meal, from Plantation Vigilance, East Sea Coast, Demerara.
- **Garrow, H. T.**—Plantation meal; meal from the bitter cassava, baked into bread, from Plantation Herstelling, River Demerara.
- **Proctor, J. D.**—Bananas, dried without aid of fire, from Plantation Vigilance, East Sea Coast, Demerara.
- **Netcher, A. D. Van der Gouw.**—Coffee, from Plantation Klein Ponderoyen, River Demerara.
- **Kennedy, J.**—Pearl coffee, from Plantation cocoa, Canal No. 1, River Demerara.
- **Bux, J. F.**—18 Cocoa, and in the berry, from Georgetown, Demerara.
- **Netcher, A. D. Van der Gouw.**—Cocoa seeds, from Klein Ponderoyen, River Demerara.
- **Duoding, T. B.**—Sugar, native, from River Berbice.
- **Seres, D.**—Capsicum, dried capsules. Capsicum, preserved in dilute acetic acid. Capsicum, active principle extracted by olive oil and by vinegar; all from Plantation Kitty, East Sea Coast, Demerara.
- **Strachey, J. B.**—Capsicum, preserved in dilute acetic acid, from Georgetown, Demerara.
- **Duoding, T. B.**—Fruit of a shrub, called intara, from River Berbice, preserved in pickle.
- **Netcher, A. D. Van der Gouw.**—Lines, from Plantation Klein Ponderoyen, River Demerara, preserved in pickle.
- **Strachey, J. B.**—Kaspareep, the imprinted juice of the bitter cassava, from Georgetown, Demerara.
- **Bux, J. F.**—Turmeric root, also from Georgetown, preserved in dilute acetic acid. Kaspareep, the imprinted juice of the bitter cassava, from Georgetown.
- **Garrow, H. T.**—Arrow root. Starch, from the bitter cassava, from Plantation Herstelling, River Demerara.
- **Bux, J. F.**—Starch, from the sweet cassava, plantains, from Plantation Kitty, East Sea Coast, Demerara.
- **Anderson, G. & Co.**—Vacuum pan-sugar, from Plantation Ogle, East Sea Coast, Demerara.
- **Duxing, J.**—Vacuum pan-sugar, from Plantation Hope, East Sea Coast, Demerara.
- **Strachey, J. B.**—Vacuum pan-sugar, from Plantation Exuma, East Sea Coast, Demerara.
- **Lazar, J.**—Sugar, from Plantation Friends, River Berbice, manufactured in Gadeen and Evans's pan.
59 Buchanan, A.—Camara, or tonquin bean, and amouri, transverse and vertical sections, from River Essequibo.
60 Outriden, J.—Yaruri, or paddlewood. Hackie, lignum vitae, transverse and vertical sections, both from River Demerara.
61 Dougall, T. B.—Lanas, mamees apple, hyawa, and corkwood, transverse and vertical sections, from River Berbice.
62 Powitex, G.—Corkwood tree, abode near the root, from Trussie Island, River Essequibo.
63 Buch, J. F.—Courda, transverse and vertical sections, from Plantation Woodlands, River Mahai.
64 Outriden, J.—Itikirirrbahal; white cedar, or wattacoor, transverse and vertical sections, both from River Demerara.
65 Bez, J. F.—White cedar, or wattacoor, transverse and vertical sections, from River Mahai, East Sea Coast, Demerara.
66 Outriden, J.—Suradami, dotarma, crabwood, koquabaddal, contrat, blackheath, cabaccal, yarr yari, or lanwood, torchwood, toocoo, transverse and vertical sections from River Demerara.
67 Bez, J. F.—Coffee tree, portion of the trunk, and vertical section, from Canal, No. 4, River Demerara.
68 Tigerwood, transverse and vertical sections, both from River Demerara.

Miscellaneous Articles.
69 Stutchbury, J. S.—Tonkin bean, in capsules, from River Demerara.
70 Dougall, T. B.—Job's tears, from River Berbice.
71 Ross, G.—Soap berries from Plantation Rumanlind, River Demerara.
72 Masset, Mrs.—Barrocarri, from Georgetown, Demerara.
73 Blairs, D.—Buck shot, or seeds of the "Fous le moala," from Georgetown, Demerara.
74 Morris & Knox,—Islinglass, from Gilbegra, coast of Demerara.
75 Bez, J. F.—Honey, from Plantation Woodlands, River Mahai.
76 Barely, Mrs.—Ornamented hammock. Hat, made of the bark of the efa palm. Indian hats.
77 Stutchbury, J. S.—Efa palm hammock. Ropes to that same from sick.
79 Snieer, D.—Matsapi, or cassava squeezer, made of the efa palm.
80 Bez, J. F.—Etari, or cassava sifter, made of the efa palm.
81 Barely, Mrs.—Model of Indian house.
82 Ross, Miss.—Cotton hammock.
83 Bros, B.—Spun cotton, from River Pomeroon.
84 Stutchbury, J. S.—Fishing nets of silk grass.
85 Denis, G.—Basket, for carrying young "books." Entire wardrobe of a female Indian of the Warow tribe.
86 Dougall, T. B.—Indian war club, from River Berbice.
87 Arnoth, B.—Indian war clubs, from River Demerara. Blowpipes and quivers, with poisoned arrows. Bows and arrows, bows made of washaba.
88 Dougall, T. B.—Winna, made of the rind of the fruit of the Mansc paln, used by the Indians for enclosing tobacco for smoking, from River Berbice. Buck pot, used in preparing pepper pot. Indian fly brush. Quail, or covered basket, negro manufacture, made of moocouren. Basket, such as is used in coffee picking. Hand basket. Two baskets, negro manufacture, made of the leaf of the cabbage palm. Calabasas.
BAHAMS.

AVENUE B., AREAS 30, 31.

BANCOFT, Mrs. Edward, of Nassau, and 14 Woburn, London.—Specimens of fruits in wax:
1. Bread-fruit (Artocarpus incisa).
2. Plantain (Musa sapientum).
3. Coco plum (Clytostoma coco).
4. Prickly pear (Opuntia ficus indica).
5. Banana (Musa paradisiaca).
7. Spanish pepper (Capsicum annum).
8. Star-apple, showing the interior (Chrysophyllum Cainito).
10. Spanish plum (Spondias Ochrobalans).
11. Gooseberry (Cissus diptera).
12. Water-lemon (Passiflora edulis).
15. Balsam (Impatiens noli tangere).
16. Star-apple (Chrysophyllum Cainito).
17. Fig (Ficus Carica).
18. Sugar-cane (Saccharum officinarum).
19. Banana, showing the interior (Musa paradisiaca).
20. Sour sop (Anona muricata).
22. Custard-apple (Anona reticulata).
23. Cherry (Olearna colocasia).
24. Guava, showing the interior (Psidium guajava).
25. Sapodilla, showing the interior (Achras sapodilla).
27. Bread-fruit, showing the interior (Artocarpus incisa).
28. Mango (Manilkara indica).
29. Avocado pear, cut to show the interior (Persea gratissiana).
30. Banana, red (Musa paradisiaca).
31. Fig (Ficus carica).
32. Sapodilla (Achras sapodilla).

Specimens prepared by JOHN THOMAS THOMPSON,
NASSAU.—Specimens of Yuca hemp:
A. One leaf of the Yuca (Sarracina).
B. The billets between which they are packed are cut from the flower-stalk. This cork-like material (B) is of use where softness and elasticity are required in bedding, or stuffing, or packing different sorts of work; in bodies of rase-strops; in thick or thin sheaths, it is very convenient for purposes where points have to be fixed and withdrawn easily, such as cases for entomological purposes.
C. Hemp prepared from the Yuca leaf.
D. Rope prepared from the hemp, but stained in soaking.
E. The same, but of the natural colour.

Specimens of Palmetto stuff:
1. Leaves of the Palmetto.
2. Fibre prepared from the leaves.
3. Rope completed.

TRINIDAD.

AVENUE B., AREA 31.


SERIES OF NATURAL SPECIMENS AND OF PRODUCTIONS FROM THE PITCH LAKE AND NEIGHBOURHOOD.

Lignum, pitch-stone, and gysum.
Yellow and white ochre.
Iron ores (varieties).
Slate and freestone (Manzanilla).
Sarapirilla and balsam of copaiba.
Tobacco. Muscovado sugar (two sorts). Starch series :—Camova starch (manufactured), arrow-root, and tous-le-mois, the starch of the Coosa Indica.
Substances used for drinks :—Mocha coffee; cocoa, prepared for the English and Spanish markets.
Maize (in the ear), and Brazil nuts.
Guam-anime.
Cocoa-oil and cassava oil.
Mombasa de cacao, or cocoa-butter.
Fibres :—Fibre brachia indica; fibre aegae; mahogany (inner bark); and ropes from Sterculia Caribata.
Specimens of woods :—Locust, from which gum-anime is extracted; yoke, cedar, agastypum, and tapana. Poun (black, grey, and green). Gut-gru, gri-gru, sisse, and carassa. Olivia; calabaress; anfelate; dalsa pulita; purple heart, a very tough wood, from which the balsam of copaiba is extracted; fusco, acoma; agastypum; letter wood; balsa; lignum vitae; roble; flax; iron-wood, or bois gris; en卣yptus; yoke savan; and mahogany.
Sapwood, squa, for walking-sticks. Tortoise-shell; and whale-oil.

Parts of a cart-wheel.
Calabash, for making cassava meal.
Nest of twelve baskets and eleven.
Carved calabashes.
Seeds used for necklaces, &c.
Straw fans, and shack-shacks.
Ornamental and other articles used by the Indians.
Many of the vegetable substances mentioned in the preceding list, are enumerated by local names only, and are consequently difficult of identification. Others are well known and of value.

MINERAL KINGDOM.

1. Pitch, from the springs in the centre of the pitch lake.
2. Petroleum, from springs in the Guapo Hills, near the pitch lake.
3. Cellular pitch, of which the surface of the lake principally consists.
4. Compact pitch, which crops out through other strata in the lands around the pitch lake.
5. Gluece pitch, found in small detached masses, in the same.
6. Pitch turf, from a pitch bog, in the same.
7, 8. Pitch, mixed with organic matter.
9. Mineral charcoal, prepared by Mr. H. Werner, from Trinidad pitch; and used as a substitute for animal charcoal in the manufacture of sugar; it can be produced at about one-fifth of the price of the latter.
10. Petroleum, mineral oil, naptha, ammoniacal water and coke,—prepared from Trinidad pitch, and illustrating the process of making naptha from pitch.
15. Pitch seam, found between strata of sandstone.
16. Sandstone, impregnated with mineral oils and naptha.
17. Ocher, from Guapo Hills.
22. Hematite, from Wapeti Island.
25. Magnetic iron-ore, from Maracaibo valley.
26. Iron pyrites, from the mud volcanoes.
TRINIDAD.

27. Lignite, from Irora. It occurs in immense quantity, near the surface.
28. Coal, supposed to be anthracite, from Manskilla.
29. Slate, from St. Ann’s hills; taken from the surface.
30. Bone-stone, from near Tamana.
31. Ochre, from Arima.
32. Clay, from Arima, used for making water-jugs.
33. White earth, from Arima, used for white-washing houses, &c.
34. Yellow earth, from St. Ann’s river.
35. Sulphurous earth, from near the lake pitch.

ANIMAL KINGDOM.

Tortoises: the hawk’s-bill turtle is caught on all the coasts of Trinidad and the Gulf of Paria; the shell forms an article of export.

Whale oil: the whale is caught in the Gulf of Paria; it usually makes its appearance about January, when the fishing season begins, and lasts till June; from 12 to 18 whale oil is caught annually, each giving from 60 to 80 barrels of oil.

Vegetable Kingdom.—(Oils and Fatty Substances.)

Cocoa-nut oil: a large quantity of this oil is made in the island, chiefly on the east coast.

Carap oil: this oil is made from the seeds of a common indigenous tree, called Carapa Guianensis.

Cocoa fat: this butter-like substance is obtained from the seeds of Theobroma Cacao, and is esteemed as an emollient.

Spices.

Nutmeg: the nutmegs grown in Trinidad are equal to any from the East. The annual produce per tree varies from 10 to 15 lbs.

Clove: this tree bears an abundant crop twice in the year; the produce is of good quality.

Black pepper: which thrives well, and is very prolific.

Cayenne pepper: the smaller kinds of capsaicum (bird peppers) are like weeds in point of abundance, and when dried and ground, make good cayenne pepper.

Vanilla: there are three different species of vanilla, all producing this pod, and all indigenous to the colony.

Fibres.

Cotton, although not cultivated for many years, readily suits itself to the soil and climate; the specimen sent is grown from that variety called sea island cotton, a few seeds of which were imported from Jamaica.

Bromelia (Bromelia): this plant is indigenous to the island, and, like all the pine-apple tribe, furnishes a strong and soft fibre.

Sterculia (Cordia or Madeira): the bark of this tree furnishes the country people with cordage, and is strong.

Agave (Visgera or Langue basse): all the species of agave furnish a white, but somewhat harsh or brittle fibre.

Agricultural Products.

Sugar (Macassar): this is the chief staple product of the colony, and great exertions are being made to improve its quality.

Rice: this article is productive in any part of the island, whether the land be high or low.

Cassava starch: is the produce of Jatropha manihot (or bitter cassava). This plant is extensively cultivated.

Arrowroot: the produce of Maranta arundinae, and other species.

Tom-les-mols, or tulena: gives also a large return of starch; it is said that the produce per acre, in good soil, is equal to that of sugar from the sugar-cane, viz., from one to two tons per acre.

Brazil nuts: the produce of Bertholetia excelsa. The tree has been introduced from South America, and is ornamental and useful.

Tosquis beans: from the tree Dipterix odorata, which was introduced from British Guiana.

Indian corn, or maisa.

Coffee (Mocha): this variety of coffee has been introduced some years, and preserves, in cultivation, its peculiarly small round grain.

Theobroma cacao, or cocoa: this tree is extensively cultivated; its produce forms a large article of export.

Cocos, or chocolate manufactured.

Tobacco, in the leaf, from Siparia.

Tobacco, manufactured, from the same place.

Gum-arabic: from Arima, the produce of Hymenaea Courbaril, or lesou-tree.

Incense: the produce of Trichilia trinitensis.

Medicinal Products.

Sarsaparilla: the root of a species of Similia, and abundant.

Ginger.

Tanning and Dyeing Materials.

Turmeric, logwood, and fustic.

Woods for Ornamental and other Purposes.

Hymenaea courbaril, or lesou: a valuable timber, and abundant, which grows from two to six feet in diameter.

Yoke: a handsome wood, analogous to mahogany, usually from two to three feet in diameter.

Cedrela odorata cedar: West Indian cedar; a useful and ornamental timber, from three to twelve feet in diameter.

Rhodolens montana (Agustam): a very durable wood, and taking a fine polish; from 18 inches to three feet in diameter.

Tapasa: used for fullers of wheels, and where strength and toughness is required.

Cordia or Sapodilla: a useful light wood, analogous to English elm in texture, and possessing a bitter principle, which deters insects; from one to two feet in diameter.

Acacia (Balata): a timber much used; from two to six feet in diameter.

Achras (Anacoma or Mustie): like the timber of the whole family of Bapotalae, much valued; from two to four feet in diameter.

Aechmas (Zapotilla or Zygocalla).

Astrocarum aculeatum (Chir Or): this, like most of the palm tribe, furnishes good material for veneering.

Acrocomia sclerocarpa (Govea): a wood similar to the last.

Carapa guianensis (Carapa): a useful timber, analogous to cedar; from two to three feet in diameter.

Bucida buccina (Giov): a strong useful wood, used for making shingles; from two to three feet in diameter.

Purple heart: an abundant and useful timber; from two to four feet in diameter.

Fustic: used for all purposes where strength is required, and as a dye wood; from one to three feet in diameter.

Lecythis (Ipomoea or Aneuran): commonly used as shafts for carts, &c.; a tough wood, of large size, and very common.

Teocoma serratifolia (grey with): Teocoma (black with): Teocoma (green with):

Bromus guianensis (Latter wood): the heart wood is the only part used, and is never of any great size.

Crescentia cujete (Calabash): common tree, which furnishes timber applicable to the same purposes as that of the ash in England.

Geoffreya inermis (or Aesculus): a timber much employed as masts for vessels and other purposes.

Falistia. Bois gri (or Iron wood).

Mimosa julifloras (Yoke sessa): a hard and useful wood.

Roble: a common and excellent wood; from two to three feet in diameter.

Copalifer officinalis (Copi), is an ornamental and lasting wood.
Vitex capitate: this tree is reckoned durable timber, and
is very common.
Bois lizard, Gualacum officinale (Lepremis vitae): very
hard wood, about one foot in diameter.

MANUFACTURES, ORNAMENTAL SEEDS, &c.
A nest of baskets.
Sieves, made of a species of maranta, for sifting cassava
meal.
Culebras, for expressing the cassava pulp, and separating
the cassava starch.
Carved calabashes.
Fans, for ladies.
Fish-basket, as used by the Indians.
Model of Indian house.
Seeds used as beads, viz., Adenanthera pavonina, Croiz
Jacyntha, Erythrina corallodendron, Orosia dasycarpa.
An Indian hut, in the village of Arima, 16 miles from
the town of Fort of Spain, made by Manuel Sorzano, and
containing—

1. Are—Bow.
2. Flashe—Arrows.
3. Feves—Fishing Net.
4. Tapiche—Long calabashes used
for keeping honey, &c.
5. Gamas—Gamas, made of
mossion.
6. Tenlla—Cat-net.
7. Tapiche—Used for pressing
sugar-cane to extract the
juice.
9. Excom—Kept over fire-place
to preserve provisions by
smoke.
12. Tapices—Stones on fire-place.
14. Gomaya—Basket carried on
the back.
15. Pinillas—Indian basket.
17. Beams—Trunks.
20. Piedra de Moler—Grinding-
stone for making corn-bread
(Indian Core cake).
21. Tumuna de Moler—Calabash
receiving the corn.
22. Cocailla—Knife.
23. Paletas—Women’s baskets.
25. Lemos—Wood for fuel.
26. Trepas—Used as a table.
27. Nan de Pico—Fish-pot for
depth
28. Can de Ceniza—Fish-pot for
strong waters.
29. Saboras—Used for extracting
the poisonous juice of the
mango, for the purpose of
making canoes, a juice which
is called caram (margarita),
and when boiled loses its
poisonous effect, and makes
a very good sauce.
32. File—Sword.
33. Haches—A sort of guitar.
34. Batea—Tub.
35. Chilqueras—Water jars.
36. Mapora—Basket.
37. Manera—Sieve.
38. Callo—Cook.

BERMUDA.

BERMUDAS.

AVENUE R., AREA 32.

GRAY—Specimen of arrow-root.

Specimens of NATURAL PRODUCTIONS, &c.
Pumice—stone.
Bermuda arrow-root.
Collection of marine productions.
Model of Bermuda sailing-boat.
Model of a hoop for a mast, for the boom to work in, in
stead of a “goose-neck.”
Specimens of Bermuda palmetto palm.

SOUTH AUSTRALIA.

AVENUE R., AREA 30.

The Barossa Range Mining Co. by Messrs. Coode
Brower, & Co. 10 King’s Arms Yard, Moorgate St.—Stones
of copper ore, as raised from the lodes. Sulphur of copper,
containing 40 per cent. of pure copper, raised in the Lyndoch
valley, about thirty miles from Adelaide, South Australia.

GRANT & HALLET, South Australia, Prop.—The
following articles are from the mines of Burra Burra:

1. Red oxide of copper.
2. Green carbonate of copper.
3. Red oxide and carbonate combined.
4. Red oxide and blue carbonate.
5. Strata in which the minerals occur.
7. Malachite and red oxide of copper.
8. Fibrous malachite.
9. Cabinet specimens, arranged.
10. Views of Burra Burra mine and smelting-house, and of
the township.

The Burra Burra mines present one of the most striking
examples of successful mining speculation with which we
are acquainted. From indications which were regarded as
the most favourable character, the mine was started on
the 5th of September, 1845, with a capital of 12,330L, subscribed
by a few merchants and traders at Adelaide. The following
returns of ore raised from the commencement of the undertakings
in September, 1850, will exhibit the extraordinary
success of this undertaking:

<table>
<thead>
<tr>
<th>Month</th>
<th>Tons</th>
<th>Cts</th>
</tr>
</thead>
<tbody>
<tr>
<td>September 30, 1846</td>
<td>6,325</td>
<td>10</td>
</tr>
<tr>
<td>1847</td>
<td>10,794</td>
<td>17</td>
</tr>
<tr>
<td>1848</td>
<td>12,791</td>
<td>11</td>
</tr>
<tr>
<td>1849</td>
<td>7,789</td>
<td>16</td>
</tr>
<tr>
<td>1850</td>
<td>18,629</td>
<td>9</td>
</tr>
</tbody>
</table>

Making a total in 5 years of 56,428 2 of copper
ore, varying in quality from one containing 30 per cent. of
copper to much that produces 70 per cent. of that metal. The
money value of this is 728,106L.

Nearly all the copper ore raised at the South Australian
mines has been hitherto sent to England, and smelted at
Swanes; but there has been recently a smelting establish-
ment introduced which promises to be of great advantage to
the colony.
The number of people now employed at the Burra Burra
mines is 1,003.

HALLET, R. & Sons, Broad St. Ratcliff, London, Imp.—Articles from South Australia:

1, 2 Wheat.
3 Hard soap.
4 Olive oil.
5 Five cases, containing specimens of opal and other rocks
allied to precious stones.
6 Two samples of flour, and one of barley.
7 A dried bouquet of small native plants.
8 Specimens of stream gold, and gold in its matrix.
9 A case of polished stones, the produce of the colony.

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WESTERN AUSTRALIA.—No Return.

AVENUES Q., & 8, AREAS 30, 31, 32.

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NEW ZEALAND.

AVENUES Q., R., & S., AREAS 30, 31, 32.

Tyree. — Flax and wool.

—Copper ore from Kawau, a small island a few miles from Auckland, New Zealand.

Collinson, Rev. J. Gateshead, Prop.—Geological specimens from New Zealand. Specimen of iron sand from New Plymouth, in New Zealand. Small bag made from New Zealand flax, by a lady in New Zealand. Flax prepared by the natives; and native pattern and native dyes. Mat made of New Zealand flax; made by the natives, being their usual clothing.

Robertson, J.—Specimens of raw materials, New Zealand flax (Phormium tenax), of various qualities.


7 One good sheep-skin (not tanned).

Specimens of tanning and black dying barks.

Smith, J. A.—Specimen of soap, manufactured in Auckland, New Zealand.

St. John's College.—No. 1 Specimens of cloth and hat made by a native lad, aged 17 years, from wool grown, carded, spun, and woven at St. John's College, and dyed with native woods. 2 Hat made by Nicholas Cod, penitentiary, Howick, New Zealand.

Specimens of basket work: made by J. Meagher, penitentiary, Howick.

Hagheaves, J.—Specimen of lignite, from the banks of the Tamaki.

Greenwood, W.—Specimen of coal.


Taylor, J.—Geological specimens of the copper series from the Kawau Company, Kawau.

Reeve, J.—Specimens of copper ore from Whiting & Heale's mine, Kawau:—1 Yellow ore. 2 Blue ore.

Lewis, T.—Specimens of copper ore: Specimens from great Barrier Island Mine, 35 miles N.N.E. of Auckland.

Smith, J. A.—Two specimens from Brodie's mine, Mongahau, 100 miles to the northward of Auckland.

Specimen of iron sand, obtained in large quantities in Cooper's Bay, Auckland.

Specimen of sulphur, from White Island, Bay of Plenty, on the coast of the Northern Island, New Zealand.

Maclean, E.—Specimen of pumice stone, from the banks of the river Waitako.

Brown, W.—Specimen of Kauro gum.

Greenwood, W.—Specimen of building stone.

Brown, W.—Specimen of limestone, from Wanganui.

Smith, J. A.—Specimen of Roman cement stone.

Specimen of shark's fin, in a native basket or kit. Specimen of flax seed and orchilla weed.

Ballarat, Lieut. H. C. H. M. 38th Regt.—Model of New Zealand war pa.

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NEW SOUTH WALES.

AVENUES S., AREA 30.

Budwek, J. G. Government Commissioner of Lands, Zinana, Wide Bay, Australia.—A log of wood from the interior of Wide Bay district, north-east coast of Australia, the brigadoon of the squatters (Bricklow of Leichhardt's Journey), a species of Acacia, probably undescribed.


Burchett, J. R. 15 Edmonton Cres. Edmonton.—A desk and a chess-board, of polished woods.

Callaghan, — Attorney-General.—Two volumes of statutes, printed from types made in Sydney, and the books bound in Sydney.

Clancy, J. 31 Abchurch Lane, Imp.—A set of bagpipes, made by George Shaw, Sydney.

Dunbar, O. Limehouse.—Samples of wheat flour from Port Phillip, New South Wales.

Dunbar, —— Preserved meats from Sydney.

Devitt & Moore, 9 Billiter St.—A coach wrench, made at Sydney.


Leary, T. 40 Royal Cres. Notting Hill.—Four samples of Australian sheep's wool from New South Wales.

Macarthur, E. Lieut.-Col.—Case, containing 129 specimens of Merino wool.

Macarthur, Col.—Four views in New South Wales, one being of Camden, the original seat of Australian sheep husbandry, and now becoming celebrated for its vineyards.

Messrs. Son & Davis, 14 & 15 Aldgate High St.—Cask of Australian tallow, and another of beef tallow, from the boiling establishment of Messrs. Benjamin and Moses, Sydney.

Watson, Young & Co. 2 Abchurch Lane, City.—Orchills, narrow beans; red beans. Enamelled hides, enamelled kangaroo skins, patent kangaroo skins, prepared by Thomas Hall and Co.

Bland, Dr. Sydney.—Model of his invention for extinguishing fire arising from spontaneous combustion in wool ships.
1 Blue gum timber of Van Diemen's Land (Eucalyptus piperita). Equal to oak as a ship-building timber, and may be obtained in any quantity and of any dimensions up to 200 ft. in length. The two sections exhibited were taken from one tree at a distance of 134 feet apart.
2 Stringy bark of Van Diemen's Land (Eucalyptus robusta). Squared log 20 ft. long, 12 in. by 12 in. Forms the most part of a large tree; timber coarser than the last, but abundant, chiefly used for house-building and fencing.
3 Blackwood, or lightwood, of Tasmania (Acacia melanoxylon). Squared log 20 ft. long, 12 in. by 12 in. A very hard close-grained dark and richly-veneered cabinet wood, obtainable in any quantity and of the largest size, requisite for furniture and fittings.
4 Sassafras of Tasmania (Atherosperma moschatum). Squared log 13 ft. long, 12 in. by 12 in. A soft, even, and close-grained timber, well adapted for turning and, probably, for the carver. Has been used for flooring-boards and in the inside work of houses, and for cabin fittings in ships. Obtainable in lengths of modern dimensions.
5 Myrtle of Tasmania (Pittosporum), Squared log 15 ft. long, 12 in. by 12 in. This timber is plentiful, and may be obtained of any size. It is hard and close-grained, with a lively red tint, streaked and mottled near the root; takes a beautiful polish.
6 Two canisters of preserved meat. Remark.—Elizabeth St. Hobart Town—Mann.
7 Half chair of blackwood (Acacia melanoxylon). A raised shield cut on the back, with kangaroo and emu for supporters, &c. tastefully carved in relief and polished.
8 Small round table, of Huon pine, with chess-board on the centre, the pedestal of Huon pine (Dacrydium Franklini). The chequers alternately of plain Huon pine, and wood of the she-oak of Tasmania (Grevillea quadrivalvis), with a border of blackwood, surrounded by a narrow string of myrtle, the whole enclosed with a band of figured pine.
9 Pier table or chiffonier, of polished blackwood, intended to show the rich dark tint and vein of this wood, and the high polish of which it is susceptible.
10 One pair carriage wheels. The naves of the wheels are of blackwood, the spokes and felloes of blue gum, and for these purposes the two sorts of timber have been found admirably suited.
12 Table of manuka wood, eucalyptus (Olites ater), argophyllum of Tasmania. Round turnover table, with base-work and springs entirely of Tasmanian manufacture; the manuka wood of which it is made possesses great beauty.

Douglas River Coal Co.
13 Coal, two bushels. Sample of the strong bituminous coal occurring on the east coast of Van Diemen's Land, traceable over a large area of country, in seams varying in thickness from a few inches to ten feet and upwards.

Brown, Jno., Launceston—Mann.
14 Sideboard of blackwood of Tasmania. The timber of Acacia melanoxylon is considered to be more deeply veined and tinted on the northern than the southern side of the colony. It is called blackwood in Launceston, and lightwood in Hobart Town.
15 Top of star loo table. Composed of alternate-pointed sections of figured Huon pine and blackwood veneered on cedar. 145 pedestal.
16 Lady's table of muskwood. An elaborately-finished article of highly-polished muskwood, the top resting upon an inverted arch, curving on a pivot, and supported by a slender pedestal, with a tastefully worked collar.

Smyth, F. Bonnington.
17 Box of salt: coarse, for pickling, and table, or basket salt. A sample from which the magnesium salts are said to be thoroughly separated.

Murray, W. Liverpool St. Hobart Town.
18 Box of starch: the box of Huon pine, figured. There are now several starch manufactories in Hobart Town.

Dixon, J. Saltonstall Castle, Isla.
19 Box of starch dressed in 1850. The exhibitor is endeavouring to establish the cultivation of flax in Tasmania.
20 Box of dried apples. More fruits are dried in the northern than the southern side of Van Diemen's Land.

Burrows, T. Launceston.
21 Samples of gins.
22 Concentrated solution of mimosa bark, extracted by cold water. This solution is considered in a great measure to be derived from the principle which gives a dark, uneven character to leather, rendering it brittle, and depreciating it in the English market.

30 Mimosas bark, ground. Bark of Acacia mimosae. Bark of the black wattle, said to be the best bark for tanning.

Dennyon, W. T. Norfolk Island.
31 Box of tobacco in leaf.
32 Box of arrow-root.
33 Box of marae.
34 Cassia pods.
35 Ashes of the manuka wood, fig. 4—5. Ashes of Huon pine, fig. 4—5.—Virgin's friend, white velvet, James's Reserve, Golden drop, white Kent, mother of plenty, velvet, and white Lammes.

Marshall, G. Noble Farm, Pittwater.
36—37 Samples of wheat and oats.

38 Wheat (Childham).
39 Sassafras bark of Tasmania. Bark of Atherosperma moschatum. Used medicinally as a bitter and stomachic.

Murray, W. Liverpool St. Hobart Town.
40 Mould candles. M'Naughten, A.
41 Cask of velvet wheat.
42 Lizzie's, F.
43 Cask of white Lammes wheat.
44 Cask of white wheat.
45 Cask of white wheat. Cask of velvet wheat.

Walker, J. Barrack Street, Hobart Town.
46 Cask of white wheat. Cask of white wheat, hooped with black wattle (Acacia mimosae).
47 Cask of white wheat. Cask of white wheat, hooped with black wattle (Acacia mimosae).
VAN DIEMEN’S LAND.

47 Oak of malt. 
PATTERSON, — Liverpool St. Hobart Town.
48 Cask of small malt. Cask made of silver wattle, wattle hoops.
WALKER, J. Barrack St. Hobart Town.
49 Pearl barley. Cask made of silver wattle, wattle hoops.
CLAYTON H. Norfolk Plains.
50 Flour. Cask made of silver wattle, wattle hoops.
WALKER, J. Barrack St. Hobart Town.
51 Pine flour. Cask made of silver wattle, with hoops of young black wattle.
M’NAUGHTEN, —
52 Superfine flour of Van Diemen’s Land.
MILLIGAN, A. M. Lemanstone.
53 Small cask of biscuit, made of Tasmanian flour.
BROOK, — Macquarie St. Hobart Town.
54 Common seamen’s biscuits.
55 Ship biscuits.
DENISON, Sir W. T.
56—57 Muskwood (Eucalyptus argyrophylla), smooth and polished on one side to show the grain. The muskwood of Tasmania is valuable for the purposes of the cabinet-maker, being variously veined, dotted, and marked upon a brown-ground colour. It is close and fine in the grain, takes a high polish, and harmonises well with the graining on picture-frames, into which it is often worked up. The musk-tree grows only in dense forests and damp situations; and though it does not attain the size of a forest tree of Van Diemen’s Land, it yields slabs large enough for ordinary ornamental work.
66 Slab of myrtle, of Van Diemen’s Land (Eucalyptus regnans). The myrtle of Van Diemen’s Land often composes dense forests of many miles, and the individual trees in such situations attain a girth of 30 to 40 feet with a proportionate elevation. The wood is of a fresh pink colour when newly hewn, and the wood part is often very beautifully veined and watered, fitting it admirably for showy picture-frames, and such like cabinet-work.
67—70 Cedar, or pencil pine, of Tasmania, Marlborough (Atherosperma leucoglossum), and Lake Country. Found in the ravines and gorges of the mountain, and on the high table-land of the colony, in groups, or singly; sometimes in the forests, and not unfrequently in bare, unsightly groves; of dead, dry, and decaying trees, with a few large limbs attached, 3000 to 4000 feet above the level of the sea.
71—73 Sections, with bark.
73 Celery-topped pine of Tasmania (Phyllocladus asplenitfolius). The celery pine attains a height of 150 feet, and grows in all the cold and moist parts of Van Diemen’s Land, in a handsome pyramidal form. The timber is beautifully white, and very close in the grain; useful for household purposes.
74, 75, & 76 Section with bark, 12 inches in diameter. The same, 12 inches in diameter. Rosewood or seba-wood, of Tasmania. Said to be plentiful about Marlborough and Lake Country.
77 Muskwood log, from Tasman’s Peninsula.
SARRAS, C. T.
78 Hope, Tasmanian.
MILLIGAN, J. Mount Wellington, and Constitution Hill.
79 Hone for edged tools.
DENISON, His Excellency Sir W. T.
80 A drip-stone, from Norfolk Island. Filters made of this rock, which appears to be a raised beach of calcareous grit; are in general use here, and much approved.
MILLIGAN, J. Flinders’ Island, in Bass’s Straits.
81 Gum: gum resin of the grass tree (Zanthorrhoea australis). The gum resin, or balsem, is highly inflammable, yielding, on combustion, a clear white flame and rich fragrant colour, said to be used in churches in place of frankincense; dyers call it a mangle colour; is used in making sealing-wax, and may become the basis of a varnish. Very abundant on many of the mespens soils of clay and sand in this and the neighbouring islands and continent.
82—85 Dogwood slabs (Buxus).
86, 87 Muskwood slabs (Eucalyptus, or Acacia argyrophylla).
88 He-oak.
89 Ironwood, or Lignum vitae of Tasmania (Notea lignata).
90 Roseneus, — Westbury.
91 A gum-stock of blackwood. Roughly cut into form, and polished on one side to show the grain of the wood.
92 Blackwood of Tasmania, polished on one side.
93 Myrtlewood.
93 Muskwood.
94 Blue gum of Van Diemen’s Land (Eucalyptus piperita). A piece taken near the root, squared and polished to show the grain.
95 Maple. Small piece of veneer, polished.
M’NAUGHTEN, — Hobart Town.
96—103 Muskwood of Van Diemen’s Land (Eucalyptus argyrophylla).
HARMS, Capt. R. E.
104 Muskwood of Van Diemen’s Land.
EUSTACE & MILLIAN, Macquarie Harbour.
105, 108 Ironwood, or Lignum vitae of Tasmania. Cross section of the trunk of the tree, being the largest ever met with. It rarely attains a diameter of more than 12 to 14 inches.
BROWNWOOD, —
107, 108 Muskwood slabs.
BROWNWOOD, Mrs. Davey St. Hobart Town.
109 Worsted work, representing a branch from a blue gum tree in flower (Eucalyptus piperita) with four birds of Tasmania perched on the twigs. The birds represented are a red-breast, a small honey-skunk, a pardalote, and the blue-headed wren. The frames of this and the next are of the timber of the myrtle-tree of Van Diemen’s Land, and made by Mr. Pearson, of Hobart Town.
110 Worsted work, representing a group of indigenous flowers of Tasmania. In the centre is the warrtah (Teucrium truscum); immediately over it is a head of the grass-tree of Mount Wellington in flower (Richia diacypilla); then in order, Acacia verticillata, Birtchera scoparia, Acacia armata (an exotic, Richia sp., Acacia molybda, Acacia variegata, Casuarina equisetiformis, Pomaderris, Boscia variabilis, Tetrabatis sp., Pullei, sp., and Solanum laciniatum).
HOOD, R. V. Liverpool St. Hobart Town.
111 Timber of silver wattle (Acacia dealbata). One side polished.
112, 113 Muskwood slabs.
114, 115 Blackwood slabs, squared (Acacia melanoxylon).
116 Cross section of small tree of Huon pine. One corner smoothed and polished.
117 Huon pine slab (Decodon Franklinii). Squared and polished.
118 Muskwood slab (Eucalyptus argyrophylla). Squared and polished.
119 Myrtle-root slab (Phyllocladus asplenitfolius).
120 Myrtle slab, from the stem of the tree.
121 Rosewood of Van Diemen’s Land (Acacia sp.) Found in the Lake Country near Marlborough.
123, 124 Rosewood of Van Diemen’s Land.
125 Celery pine slab, squared (Phyllocladus asplenifolius).
126 Rosewood.

HooD, R. V.

126, 129 Huon pine picture-frame; gilt moulding, the gold-leaf made by Mr. Hood. Myrtlewood picture-frame.
127 Muskwood picture-frame.
MARIlOTT, Archdeacon.
128 Muskwood picture-frame.
WHITMAN, —, Hobart Town.
130 Whip. Thong of colonial leather, and the stick a young massacre of Tasmania.
131 Ladies’ riding whips. Of whalebone, tipped with silver, by Mr. Jones.
132 Stock-hunting whip. Thong of colonial leather, stick of she-oak.
133 Stock-hunter’s saddle, of colonial cow-hide, prepared in Hobart Town.
134 Stock-hunter’s breastplate.
BUTTOn, T., Launceston.
135 Dressed kangaroo skins.
DENBroN, His Excellency Sir W. T.
136 Roll of Tweed. Colonial material, manufactured by the inmates of Cascades’ establishment.
137 Haak of yarn.
QUEEN’S ORPHAN SCHOOLS.
138 Woollen gloves, knitted. Manufactured by the children.
139 Woollen socks, knitted.
140 The same, unbleached.
141 Woollen stockings, knitted.
142 Shawls, knitted.
BARNARD, J.
143 Swarenow, two skins.
CLEsBBURNE, R. Murray St. Hobart Town.
144 Samples of soap.
LUMBDE, —, Brisbane St. Hobart Town.
145, 146 Loo-table top of Huon pine, and pedestal for the same.
WATcHcSBl, W. Liverpool St. Hobart Town.
147 Tallow. The exhibitor claims to have been the first to export tallow to England from the colony.
DENBroN, Sir W. T.
148 Loo-table top, dogwood (Bedfordia sp.). The dogwood, or Bedfordia tree, is one of the richest-looking and most beautiful fancy woods of Van Diemen’s Land. It attains to a larger size on Maria Island than elsewhere. In the vicinity of Hobart Town it is a mere shrub.
150 Pedestal for the same.
151 Top of a sofa-table, lined with chintz-board in the middle.
ROuT, W.
152 Portmanneau. Made of colonial leather.
GOw, W., Launceston.
153 Feathers of mutton-birds, or sooty petrel (Puffinus brevissimus). Much used for pillows, bolster, and mattresses. From the almost inconceivable numbers in which this bird resorts to the islands in Bass’s Straits, and the profusion of feathers with which it is clothed, there is no difficulty in obtaining the commodity in any quantity.
ROv, W. Elizabeth St. Hobart Town.
154 Small rope line.
155 Small lines of three sizes.
156 Best small rope of three sizes.
157 Cable-laid lines of three sizes.
158 Common lines of two sizes.
MARnAHLL, —, Hobart Town.
159 Common riding-whip. Made entirely of colonial material.
160 Gig and hunting-whip thongs, made of horse-hide dressed in Hobart Town.

OAKDEN, P. Launceston.
161 Wool, two fleeces, Leicester improved. The produce of sheep imported from the best flocks in England in 1837, and now forwarded to show the improvement in softness and silky appearance, attributed to the superiority of climate.
163 Glue. 163 Nest’s foot oil. 164 Sheep’s trotter oil.
HooD, R. V.
165 Gold-leaf. Manufactured from Californian gold, brought to Tasmania by colonial trading vessels.
166 Gold-beaters’ skin.
M’KENZIE, Mrs. Blue Hills, Bothwell.
167, 170 Knitted gloves, made from opossum fur. Lady’s cape of opossum fur.
SLIECELTZ, Mrs. Killymoon, Break-o’-day.
168 Gloves, made from opossum fur.
TOON, E.
169, 171 Gloves, made from opossum fur and lambs’ wool.
BUTTON, T., Launceston.
172 Parchment.
ROUT, W.
173 Brushes, one set of four.
LIPSComBE, F.
174 Flax, dressed.
SHARLAND, W.
175 Carriage-rug. Made of skins of the black opossum, lined with skins of the native cat.
DENBroN, Sir W. T.
176 Rug of various furs. Made of skins of the brush-kangaroo (Hematamus Bemettii), forest kangaroo (Macropus major), black opossum (Phalangeria fusigros), native cat (Dasyurus viverrinus), tiger-cat (D. maculatus), well preserved, and amongst them some specimens of great rarity and beauty.
PHARLAND, Mrs. George Town.
177 Book of pressed algae, collected by the exhibitor.
DAVIES, Archdeacon.
178 Rug of skins of black opossum (Phalangeria fusigros).
179 Rug of tanned skins of brush-kangaroo.
MILLioN, J.
180 Carpenter’s bench-screw.
181 Three pairs of shoe-bast.
VALENTINE, Dr. Campbelltown.
182 Organ-pipes of Huon pine, bored in the solid, with stops, &c. Two of these are bored in solid pine, and are found to yield a softer and more mellow tone than those made of woods which are soft and spongy in the grain. It is considered that, being free from joints and glue, the tube will be less affected by atmospheric changes. The wood, too, of the Huon pine, is very durable, and, when properly seasoned, it is little influenced by atmospheric agencies. This pipe is therefore not likely to be often out of tune. The small pipe has a stopper, which being removed, the octave above will be produced. Mr. Valentine regards the stopped pipe as a novelty, and observes, “It gives a very soft note, well adapted for the treble half of the stop-diapason of a chamber-organ.” No. 3 is but to show how an open pipe of the usual construction may be tuned by means of a stopper, without injury to its size.
WARD, C. Collins St. Hobart Town.
183 Stockman’s ankle-boots, of colonial material.
REGAN, —, Liverpool St. Hobart Town.
184 Nine dressed kangaroo skins, tanned with wattle bark.
HARPER, —, Launceston.
185 Prepared goats.
WARD, C.
186 Blacking for shoes.
187 Thylacynus cynocephalus: tanned skin with hair on. The hyena, or tiger of the colonists, which has become very scarce.

DIXON, Sir W. T.

188 Ornithorhynchus paradoxus: six tanned skins. The platypus of colonists: the fine fur under the coat of long hairs upon its back is said to be equal to the fur of beaver for hat-making.

SITTS, C. T.

189 Sample of fine wood.

DUN, Davey St.

190 Mylitta Australia, obtained on the Snug Estate, North West Bay, D'Entrecasteaux Channel. Native bread of Tasmania, grows under ground, like the turf in England, and, like it, has a peculiar small. Edible, having formed, in a half-roasted state, a portion of the diet of the aborigines. Has been tried with approval in soup and in puddings by Europeans. This specimen is unusually large, having weighed 14⅛ lbs. in 1846.

LOWN, T. Y.

191 Mylitta Australia, obtained at Glenorchy seventeen years ago.

McNAUGHT, —

192 Writing-desk, muskwood, inlaid with pine, blackwood, she-oak, and myrtle.

193 Dressing-case, or work-box, of the same materials.

194 Necklaces of shells, as worn by aborigines of Tasmania. The shell composing these necklaces seems closely allied to Phasianella. It is very abundant in the various bays and coves. It possesses a nacreous brilliant lustre, which is disclosed by the removal of the cuticle, and this the aborigines effect by soaking in vinegar, and using friction. Various tints, black, blue, and green, are afterwards given by boiling with tea, charcoal, &c.

WALKER, ANZ, Norfolk Plaina.

195 Plumbago, black lead. Found in a shaft sunk in pursuit of indications of galena and copper ore, in a seam or vein about 5 inches thick, traversing schistose clay, overlying an old quartzite and crystalline limestone, in which the lodes of lead and copper are expected to be realised.

ROLWEGAN, —, Collins St. Hobart Town.

196 Book, printed and published in Van Diemen's Land, bound in colonial calf girt and lettered with Californian gold, manufactured in Hobart Town into gold leaf.

MILLIGAN, J. Argyll St. Hobart Town.

197 Tasmanian Journal, three volumes, printed and published in Van Diemen's Land.

200 Snuff-box, turned of ironwood (Olea apetala).

201 Another, of muskwood of Tasmania (Eucrobus argophyllum).

202 Another, of Huon pine.

203 Another, globular, turned out of the tooth of the sperm whale.

204 Ladies' thread-holder; 205 Ladies' puff-box; 206 Goblet.

ANDERSON, —, Liverpool St. Hobart Town.

198. Set of ladies' tortoiseshell combs.

BROWN, FELTON, —, Hobart Town.

199 Candlestick, turned of ironwood of Norfolk Island (Olea apetala). The tops of the root of the Norfolk Island pine (Araucaria excelsa).

MORSE, S. Liverpool St. Hobart Town.

207 Jaw of a sperm whale, with forty-eight teeth complete.

HULL, HULL.

208 Half section of the trunk of the Tolosa tree (or Pittosporus bicolor). This is the wood of which the aborigines chiefly made their waddles or clubs.

217, 218 Half sections of a limb of honeysuckle.

219, 220 Half sections of a small she-oak tree.

M'NAUGHT, —

209 Muskwood slab.

FREEMAN, Rev. E. Brown's River.

210, 211 Veneer of the oak of Tasmania (Casuarina quadrivittata).

212 Piece of a knot of myrtle-tree of Tasmania.

213 Veneer of ha-oak of Tasmania (Casuarina stricta).

214 Two veneers, of native cherry-tree of Tasmania (Exocarpus cupressiformis).

215, 216 Veneers of Tasmania honeysuckle-tree (Banksia Australia).

MILLS, J.

231 Section of a small stem of Richea pandaniifolia, obtained at Macquarie Harbour. Specimen, sliced, bevelled, and French-polished, to show the pith, medullary rays, and beautiful markings of the wood. This plant grows like a palm, and attains the height of thirty and forty feet and ten inches diameter—confined to the dense wet forests on the western side of the island.

233 Specimen of plumwood (Ceropodoceras lucida) obtained at Macquarie Harbour. Attains an elevation of 100 to 150 feet in height with a good clear barrel—grows chiefly on the western side of the island in dense myrtle forests; the timber is fine grained and remarkably hard; it has been used for making sheaves for ships' blocks.

227 Butter-print of Huon pine.

230 Seven baskets, made by the aborigines of Tasmania.

231 Model of wood-work, made by the aborigines of Van Diemen's Land, of the broad-leaved hau. Often made large enough to hold a quart or two of water. The only other vessel possessed by the aborigines for carrying a supply of water was a seashell—a large cymbe—occasionally cast upon the northern shore of Van Diemen's Land, which would contain about a quart.

SMITH, P. Rose Bay. West.

222 Small bale of wool.

FROE, GEORGE.

224, 225, 226 Cribbage boards, veneered on pine, inlaid, &c.

MORSE, CHAPMAN & CO.

238 Eight ivory teeth of sperm whale.

DEWSNO, Sir W. T.

229 Maple of Norfolk Island—square specimen.

SARGENT, W. Bath St.

233 Marble, from Maria Island, partially dressed.

BOYD, J.

233 Marble, from Maria Island, cut and dressed as paper weights.

TURKES, —, Goulburn St. Hobart Town.

234 Specimen of crockery-ware, made from the clay found in the domain.

KEEN, R. Q. Mona Vale.

235 Small bale of wool—very de sample.

JEFFERSON, J. D. Liverpool St.

236 Churn, made of Huon pine.

MORSE, S.

237 Bundle of whalebone; an important article of export.

STURMS, Lt. R.N.

298, 239, 240, 241 Raspberries, currant, green gooseberry, red gooseberry, and quince jam.

ROAT, W.

242 Bundle of curled horse-hair.

STRUMMER, E.

243, 244 Corn and barley riddles, coarse.

245 Corn sieve, fine.

246 Fire-screen, for chair-back; made of willow, grown, dressed, and dyed in Van Diemen's Land.

247 Bottle basket, flat; 248 Bundle of willow rods; 249
254 Gum of Acacia (Macracoma). A shrubby tree on Flinders' Island, Bass's Straits.
255 Gum, from Babel Island.
256 Specimen of grey granite, from Flinders' Island.
257 Granite, from east coast of Van Diemen's Land.
258 Granite, from Hampshire Hills.
259 Porphyritic granite, from Webb's Harbour.
260 Lime-stones, and break-o-day.
261, 262 Limestone, with gales, from Norfolk Plains.
263 Brown-clay iron ore, near Bingal.
264 Clay iron-stone, in beds, alternating with bituminous coal, near the Douglas river, on the east coast of Van Diemen's Land.
265 Red iron—red ochre or red chalk. Occurs in masses of uniform and determinate shape, imbedded in alluvium of loam and earth.
266 Ore of iron, from Hampshire Hills; magnetic. Nearly pure iron; seems crystalline; highly magnetic with polarity; occurs in masses at the line of contact between granite and basalt.
267 Ore of iron. Found in nodules with quartz, in granite soil, near the Hoastep Mountain, north-west of Van Diemen's Land, or pulverized by the aborigines of Van Diemen's Land as a paint; first peroxidised by roasting, and then reduced to a fine powder by grinding between two stones.
268 Ore of manganese, from the vicinity of the Feuerman's-cap Mountain.

DEWSN, Sir W. T.
269 Two cross sections of the barrel of the blue gum-tree.
270 Limestone, from Maria Island.
271 Wellington boots of Kangaroo skin, dressed in Hobart Town.

DEWSN, Sir W. T.
272 Specimen of calcareous grit, from Norfolk Island.

DEWSN, Sir W. T.
273 Cake of bees' wax, of Tasmania.
274 Four models of canoes of aborigines of Van Diemen's Land. These are exact models of the large canoes in which the natives used to cross to Brune Island: the material is bark of Melaleuca squarrosa.

Smyrdes, E.
274-278 Key basket; round basket, open; long basket; straw hat, from Norfolk Island; hoop for a sieve, made of Huon pine.

COX, F.
280 Case of Tasmanian insects.

BOWKET, T.
281 Case of Tasmanian birds.

GROVE, W., & MILLER, A. M., Launceston.
282 Oil of the motion bird, or sooty-petrel (Puffinus brevirostris). An oil of a deep-red colour, obtained by pressure from the stomach of the young bird. It is said to possess virtues as a liniment in rheumatism, and it burns with a clear bright light. The sooty-petrel frequents certain low sandy islands in Bass's Straits, in inconceivable numbers during the summer, burrowing to lay its solitary egg, and literally underlining the ground.

Brown & Co.
283, 285 Samples of oil of southern black whale, sperm whale, and black fish.

LOWE, T. Y.
286 Oil of the shark.

DEWSN, Sir W. T.
287 Blood juice, obtained from a tree in Norfolk Island.

Makes an indelible marking-ink, and is said to be used as a dye for calicoes, &c.

MILLER, J. & HALL, H.
288 Gum-kino, from the blue gum-tree, the stringy bark, and other eucalypti. Equal, as a medicinal agent, to the kino from the East Indies, and yields very profusely by the eucalypti, after incision or injury.

BOWKET, T.
289 Manna. An exudation from the leaves and delicate succulent twigs of the white gum-trees of Van Diemen's Land, after a perforation has been made in the summit. It soon exfoliates, and falls in the form of irregular tears; and during December, January, February, and March is usually very abundant. Its properties are similar to, but less powerful, than those of the manna of the druggist.

ABBOTT, J.
290 Iron-sand, a fine emery-like substance, occurs in thin layers on the sea-shore at Long Bay in D'Entrecasteaux Channel, a deposit from water passing through iron-stone beds, percolating the soil, and depositing the metallic matter where it comes in contact with the salt water.

ROUT, W.
291 Honey of Tasmania. 1849 and 1850.
293 Bees' wax, Tasmanian. Three cakes, unbleached. In no country in the world do bees thrive better than in Van Diemen's Land, or give honey of the same quality, and it is remarkable that the bee has now become naturalised in the forests, and many of the hollow trees are filled with the produce of their labour.

MILLER, J.
293 Resin of Oyster Bay pine (Callicrus Australia); a delicately white resin, sometimes, but rarely, in tears of a bright amber tint, scarce. The Oyster Bay pine is only found along a narrow strip of country near the sea, on the east coast of Van Diemen's Land, and islands adjacent.

BICKING, J.
294 Alum, from near Bridgewater; occurs as an efflorescence in caverns in the clayey rocks.

SHUTS, Lieut., R.N.
295 Epsom salts, sulphate of magnesia, found in caverns on the side of the Dromedary Mountain, near the Derwent.
296 Gum of the wattle-tree; Acacia mollissima and Devalita. Wattle gum exudes in streams during the summer season from fissures and accidental injuries to the bark, soon hardening into tears and lumps of various size. It is equal to the gum-arabic of the shops, for all purposes to which the latter is applicable.

LIPSCOMBE, F.
297 Ham, cured by Mr. Marshall.

HAINES, J., Murray St., Hobart Town.
298-302 Pickles:—Red cabbage; walnuts; cauliflower; onions; mixed; tomatoes sauce.

DEWSN, Sir W. T.
304 Walking stick, made of the solid side of the bone of a whale, the head turned out of the tooth of the sperm whale.

SCHLEIF, T.
305 Walking stick, made of the solid side of the bone of a whale.

MILLER, J.
306 Iron ores, from Long Bay; occurs in a bed about 7 or 8 feet thick, over sandstone, and at the foot of greenstone hills.

MARRIOTT, Arch.
307 Walking stick, of the oak of Tasmania (Casuarina quadrivialis).

LIPSCOMBE, F.
308 Small round table, Huon pine, inlaid.
309 Galena, from the Tana River.
310 Iron ore, three specimens, found near York River, over limestone.

MILLIGAN, J.
311 Galena, from Macquarie Harbour; occurs in a vein of mountain limestone, in the channel of Franklin River.
313 Opal wood, salt-pan plentiful. 315 Rock crystal (sp. 25).
316 Berg (Aquae mariae), 30 specimens. 317 Straw-coloured tops, 300 specimens. 318 Yellow tops, 40 specimens.
319 Pink-coloured tops, 30 specimens.

REEVES, —
314 Wattle bark, chopped, as it is prepared for the tannery.

DENISON, Sir W. T.
312 Coffee, from Norfolk Island.

KEMP, GEORGE.
330 Cornelian, from the margin of Derwent, opposite Hobart Town.

SMALLAND, W. S.
331 Thread lace, made by a girl eleven years of age, at New Norfolk.

REEVES, —
329 Wool. Sample of skin-wool. 333 Another, scoured. 332 Another, scoured.

MILLIGAN, J.
334 Jet, or lignite, from Macquarie Harbour. 325 Limestone, from the Gordon River.

RECHER, J. E.
336 Limestone from the Mersey River.
327 Limestone from the foot of Mount Wellington range.

ATHERTON, Lieut., R. E.
328 Section of Norfolk Island pine (Araucaria excelsa).
329 J. Liverpool St. Hobart Town.
329 Pair of dress boots.

FENTON, Mrs.
330 Honey of 1850.

DOWLING, H.
331—333 Books:—Tasmanian Kalender, 1848, 1849, 1850.

DENISON, Sir W. T.
334 Potash from Tasmanian timbers.
335 Red ochre, Norfolk Island.
336 Yellow ochre, Norfolk Island.
337 Specimens of marble.
338 White oak timber of Norfolk Island.
339 Specimens of timber of pine of Norfolk Island (Araucaria excelsa).
342 Specimen of greasewood, from Fingal, Van Diemen's Land.

BLACKBURN & THOMSON.
343 Model of bridge across the river Derwent, at Bridgewater, Van Diemen's Land, on the line of road between Hobart Town and Launceston.

THOMSON, JAMES.
344 Coloured sectional elevation of the bridge and causeway at Bridgewater, Van Diemen's Land.

COUNCIL OF THE ROYAL SOCIETY OF VAN DIEMEN'S LAND.
345 Books and bookbinding, papers and proceedings of the Royal Society of Van Diemen's Land, printed by Messrs. Best, and bound by Mr. Rolwagen, Collins St. Hobart Town; the lithographs by Mr. T. Brown, Macquarie St. Bound in calico cloth, tanned and dressed by Mr. Leeves. Gilt and lettered with gold leaf, manufactured from Californian gold, by Mr. E. V. Hood, Collins St. Hobart Town.

WATSON, JOHN, Hobart Town.
346 Plank of blue gum (Eucalyptus piperita); length, 146 ft. breadth 30 in. depth 6 in.

GRANT, J. Ballaghmore, Fingal, Van Diemen's Land.
Three ram fleeces—1 Fleece from a hogget ram, weighing, after being scoured, 5 lb. 10 oz. 2 Similar fleeces, weighing 3 lb. 11 oz. 3 Fleece from an older ram, weighing 4 lb.

RICHARDSON BROTHERS & Co. 17 St. Helen's Pl.—
Specimens of two sorts of wool.

LABUAN, AND OTHER PARTS OF THE EASTERN ARCHIPELAGO.

GREAT, The Countess.—Cloth manufactured by the Seribas, in Borneo. Cloth made by the Melanos, in Borneo; sent home by Governor Sir James Brooks.

Specimens of sugar; coffee; sago, pearl; sago, common; sago, flour; pepper, black; pepper, white; nutmegs; mace; cloves; gambier; cutch; gum gamboge; gum benjamin; gum lac; rice; tortoise-shell; turtle-shell; M. O. P. shells; elephants' teeth; elephants' grinder; guia percha; gum caoutchouc, or India-rubber; gum damma; isinglass, manufactured in the Archipelago from the interior membranes of fish, and valued on account of its highly glutinous character.
A series of thirty-six paintings, by a Malay artist.
A model made to scale of a sailing-boat used by the natives in the China Seas and Eastern Archipelago for the purposes of smuggling and piracy.
Specimens of rattans, bamboo, &c., grown in and imported from the Eastern Archipelago.

GOLD COAST AND ASHANTÉ.
Weaving and spinning instruments of Gold Coast. Plantain fibre. Cotton cloths from Gold Coast. Cotton cloth printed with native dye from Ashante. Silk cloth woven in Ashante from thread obtained by unravelling imported silk goods. Copper figures used as gold weights by Ashantees. Gold ornaments from Gold Coast. Pottery from Gold Coast used for cooking, &c. Pipe heads and pipe stem from Gold Coast. Leather pouch from Gold Coast. Grass cloth from Gold Coast. Mixed grass and cotton cloth from Gold Coast.
FOREIGN STATES.

AUSTRIA.

COAL.—Coal is found in Austria in constantly increasing quantities, particularly in Bohemia, Moravia, Silesia, Lower Austria, and Hungary.

Bohemia takes the first place as to the quantity, and partly, also, as to the quality of its coal, nearly half of the total quantity of the coal and brown coal produced in Austria being Bohemian.

1. MICHAlA, Vienna, Prop.—Coals, brown coals, and lignite, from Lower Austria, Upper Austria, Styria, Moravia, and Hungary. Alum.

Sulphur is obtained in Austria in constantly increasing quantities; latterly, however, the consumption has become greater than the production, and, consequently, the imports of this article, so much required for chemical purposes, have exceeded the exports.

Cobalt and nickel antimony have recently been likewise supplied on an increasing scale by Hungary. Several samples from its mines, which have only been worked for the last few years, are in the Exhibition.

Copper is obtained in larger quantities in Hungary than in any other part of the monarchy; lead in Carinthia and Bohemia; tin almost exclusively in Bohemia; quicksilver from Idria in the Littoral, and from Hungary, and arsenic from Salzburg; all of which samples are exhibited; also of Bohemian garnets, a universally known and very ancient product of the mines of Bohemia.


3. UPPER HUNGARIAN MINING ASSOCIATION, Szlezlitz, Hungary.—Quicksilver, refined copper, block copper, and various other products for smelting.

4. EUMA, J. F. Neubuhl, Hungary, Prop.—Cobalt and nickel ores, from Bozen, together with the ores obtained from the same. Calcareous slate, from Moditz in Hungary.

Analysis of the above residue:

<table>
<thead>
<tr>
<th>Residual level.</th>
<th>Druebruder level.</th>
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</thead>
<tbody>
<tr>
<td>The raw ore contains 61.8 per cent. residue.</td>
<td>The raw ore contains 54.8 per cent. residue.</td>
</tr>
<tr>
<td>The residue:</td>
<td>The residue:</td>
</tr>
<tr>
<td>Nickel</td>
<td>22.546</td>
</tr>
<tr>
<td>Cobalt</td>
<td>19.895</td>
</tr>
<tr>
<td>Copper</td>
<td>5.719</td>
</tr>
<tr>
<td>Iron</td>
<td>15.403</td>
</tr>
<tr>
<td>Arsenic, sulphur, &amp;c.</td>
<td>32.446</td>
</tr>
<tr>
<td></td>
<td>100,000</td>
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</tbody>
</table>

5. KOCHERSTEINER, F. Pesth, Hungary, Prop.—Two kinds of syngy nickel from Hungarian ores; red and black oxides of cobalt. The varieties contain 97 and 98 per cent. of the pure metal.


7. ZEBEHO MINES, Doboschan, Hungary.—Ore of cobalt and nickel. Flower of cobalt, and nickel.


9. BATZA, W. Prague, Bohemia, Mann.—Bohemian mineral produce. Ores of uranium, nickel, vanadium, and cobalt, oxide of iron, and various minerals.


11. GESERBERG, F. (the Franz Smelting-works) Metzenseifen, Hungary.—Regulus of antimony.

12. SOLLERT, C. (Brierton Smelting-works) Rosaen, Hungary.—Regulus of antimony.

13. VOLDEMANN, G. Salzburg, Prop.—Arsenic ore. White and yellow arsenical glass.


15. NEUMANN, E. Count of, Dresdow, Bohemia, Prop.—Rough Bohemian garnets (Pyrope).

16. RANDZWITZ, the Duke of, Prince of Lobkowitz Bilin, Bohemia, Prop.—Rough-out and pierced Bohemian garnets (Pyrope).

The production of chemical preparations, especially those which have been brought forward by the great progress of manufactures in general, has latterly, owing to this impulse, furnished important results. Bohemia has especially distinguished herself by the manufacture of colours, and of chemical preparations used in dyeing, whilst Vienna has not remained behind. Several of these productions, acids, and easily inflammable articles, saltpetre, phosphorus, &c. are not exhibited, on account of the danger of carriage.

Especially worthy of notice are—

White lead, which Carinthia produces, and exports in large quantities.

Culinary salt, of excellent quality, from the inexhaustible mines of Wilissac and Bechim, which produce annually 300,000 cwt., and are capable of greater extension. Salt is a State monopoly in Austria.

Colours and their compounds are produced in all parts of the monarchy in considerable quantities; but the samples forwarded for exhibition are not very numerous.

17. IMPERIAL SALT WORKS, Galicia.—Samples of culinary salt.

18. WAGENMANN, SETZEL & Co., Vienna, Mann.—Chemical productions, including tartaric acid, vinegar, acetic acid, acetate of sodium, arsenic acid, chloride of lime, arseniates, sulphate, and muriate of potassa.

19. SOOSCHC, F. X. Prague, Bohemia, Mann.—Chemical productions, including succinic acid, tartaric acid, sesquioxide of chromium, sesquioxide of uranium, and mercurial compounds.

20. BEATTY, G. J. Prague, Bohemia, Mann.—Albumen, stannate of soda, and ferrocyanide of potassium.

21. ENGELMANN, S. Karolinenthal, near Prague, Mann.—Albumen, dextrine, lactose, and artificial gum.


23. POTZER & LEIBER, Prague, Mann.—Ultramarine blue, in eight shades. Ultramarine, green and black. Various colours, including chrome yellow, chrome red, &c.

26. PIALE, W. Prague, Mann.—Indigo blue of three kinds.
AUSTRIA.

29 Heinner Brothers, Hetachan on the Elbe, Bohe-
mia, Mann.—Red and violet herb archil (Oxalis
d'herbes). Red and violet extract of archil (Extrait
d'orose rouge et violettes).

37 Kienzle & Co., Prague, Mann.—One hundred
and eighty samples of colours.

39 Fetz, W. Pesth, Hungary, Mann.—Carmine of two
kinds.

39 Rattich, J. B. Atgersdorf, near Vienna, Mann.—
Black colour for copper-plate printing.

40 Herbert, F. P. Klggenfurt and Wolfberg, Carin-
thia, Mann.—White lead of different kinds.

41 Bocks, G. Canti von, St. Veit, Carinthia, Mann.—
White lead of various kinds.

45 Herbert, J. Klggenfurt, Carinthia, Mann.—Orange
and bright red lead. Red and gold litharge.

47 Drez, E. Villa, Carinthia, Mann.—White lead of
different kinds. Lead shot and bullets.

48 Boeello, F. Bietro, Venice, Mann.—Selected
samples of white lead, litharge, and vernix

49 Hardtmuth, L. & C. Vienna, Mann.—Naples
yellow. Artificial pure ultramarine.

50 Schleer, J. Vienna, Pat.—Patent artificial pumice
stones of different kinds.

51 Rohlik, L. Prague, Inv. and Pat.—Artificial stone,
imitation of marble, and lapis lazuli.

52 Cantovoli, A. Padua, Mann.—Eight samples of
paving blocks, and columns of artificial marble.

The manufacture of stearine candles and soap, although
the former was introduced only a few years ago into Aus-
tria, has already obtained an important position. Of the
numerous manufactories established in this line in all
parts of the empire, the most important have contributed
to the Exhibition.

Refrained and unrefined oils have only one exhibitor, whilst
the actively progressing perfumery trade has none.

53 Stearine Candle (Apollo Candle) Company,
Vienna.—Stearine and stearine candles.

55 Stearine Candle (Milly Candles) Company,
Vienna.—Stearine and Stearine candles.

41 Pitzner & Riehers, Vienna, Mann. and Pat.—
Candles, called palmatine candles (made by distilling palm
oil).

59 Stearine Candle Company, Hermannstadt, Trans-
ylvania.—Stearine and stearine candles. Eline soda soap.

60 Chenoo, C. A. & Son, Trieste, Mann.—Soap of
different kinds.

61 Melkar, D. Hermannstadt, Transylvania, Mann.—
Soap of different kinds, for bleaching, &c. Washing soap.

44 Richter, A.; Königsaal, Bohemia.—Soap of
various kinds.

56 Czembul, C. Hermannstadt, Transylvania, Mann.—
Candles of Transylvania tallow.

Locasa Marca.—The manufacture of lucifer matches
is constantly increasing. The excellent quality, the suitable
and judicious form, the cheapness of price, and the capa-
cibility evinced by the makers of producing any quantity,
have rendered these articles a manufacture of considerable
importance, and caused them to be exported to all parts.

Exhibitors of the same are:

56 Frohns, B. Schlesien and Goldenkrone, Bohemia,
Mann. (Agent, Julius Lipmann, 29 Nicholas lane, Lombard
St. London). — Patent lucifer matches, of different kinds and
forms.

47 Pohle, M. Vienna, Mann.—Patent lucifer matches,
of different kinds and forms.

48 Pitzner, F. Vienna, Mann.—Patent lucifer matches,
of different kinds and forms.

49 Hoffman, G. Wischman, Bohemia, Mann.—Patent
lucifer matches of different kinds and forms.

50 Dr. Mans, S. Treisch, Moravia, Mann.—Patent
lucifer matches of different kinds and forms.

51 Dollisch, J. Vienna. Pat.—Patent tincture for
destroying vermites.

52 Edler von Wurst, W. Vienna, Inv. and Pat.—
Material for stopping decayed teeth.

53 The Directors of the Mines of His Highness the
Prince of Lorraine, Duke of Radetzcy, at Bilin, Bohemia.
—Magnesia and digestive lozenges (pastilles digestives de
Bilin). Prepared from the contents of the mineral waters of
Bilin.

54 Hallia & Co., Prague, Mann.—Chemical powder,
for making black writing ink instantaneously.

55 Hercok & Co. Gross Scholowitz, Moravia, Mann.—
Best-root sugar.—

The manufacture of best-root sugar, only established in
Austria in the year 1850, has since widely spread.

The establishments have increased, not only in number,
but also in extent, in a gratifying manner. The north
Slavian Provinces, Bohemia, Moravia, Silesia and Galicia,
as well as Hungary, are the principle seats of these
important factories.

56 Manufactury of the Brothers Chwalik de
Nemec, Kloban, Moravia.—Best-root sugar.

57 Richter & Co. Königsaal, Bohemia, Mann.—Best-
root sugar.

58 Prince Ferdinand, von Lorraine, Bilin, Boheme,
Mann.—Best-root sugar.

59 Morgenst, Court H. L., Karvin, Moravia, Mann.—
Best-root sugar.

60 Best-Root Sugar Manufactury, Thunae, Galicia.—
Best-root sugar.

61 Reizl, G. (also A. Reis), Venice.—Four sugar
loaves.

62 The Privileged Steam Flour-Mill Company,
Vienna.—Flour from Austrian wheat.

63 The Privileged Steam Flour-Mill, Fiume.—Dif-
fierent kinds of flour from Hungarian wheat.

64 Steam Flour-Mill, Smiloch, near Prague.—Dif-
fierent kinds of flour from Austrian wheat.

65 Harvanze, C. Troja, near Prague.—Different
kinds of flour from Austrian wheat.

66 Nowotny, A. Prague.—Different kinds of flour
from Austrian wheat.

67 Tasz, Count F. Tetschen, Bohemia.—Different
kinds of flour from Austrian wheat.

68 Jordan & Barter, Tetschen on the Elbe, Bohemia.
—Different kinds of flour from Austrian wheat.

69 Imperial Tobacco Manufactury, Vienna.—Four
kinds of snuff, produced in Galicia and Tyrol.

70 Carinthian Agricultural Society, Leibach.—
Honey, chiefly collected by the bees from the blossoms from
buckwheat. Winter linseed, from Carniola white and red
millet. Indian corn, grown in Upper Carniola, 400 fathoms
above the level of the sea.

71 Ahrens, C. Vienna, Mann.—Austrian frame of
two and three filaments.

72 Schon, A. Line.—Upper Austrian raw unspun silk.

73 Silk—Woven Breeding Association, Györ, Styria.
—Styrian raw silk; illustration of the treatment of the
silk-worms.

74 Rakoffetz Brothers, Welskirchen, Hungary.—
Hungarian silk.

75 Alois, L. Welskirchen, Banak.—Raw unspun silk
from the Banate.

76 Herza, L. Welskirchen, Banak.—Raw unspun silk
from the Banate.

77 Matties, G. B. Varno, Friolny.—Samples of raw
silk.

78 Skraghligia & Camminat, Palma, Friolny.—Silk.
AUSTRIA.

79 PAPPAYA. — Zara, Dalmatia. — Dalmatian silk.

80 SCHNEIDER & Co., Milan. — Specimens showing the process of silk manufacture in all its stages, from the worm to the yarn ready for the weaver.

81 SEDLO. — Samples of silk spun off with cold water.

82 SIEGERT, A. Milan. — Samples of raw and spun silk.


84 SCHUERLE, G. Venice. — Samples of raw silk.

85 SUGI, A. Zara, Dalmatia. — Samples of raw silk.

86 MARSCHALL, V. E. C. Verona. — Samples of raw silk.

87 SIEGERT, G. & Sons, Bergamo. — Samples of raw and spun silk.

88 VIGNE, M. & Sons, Venetia. — Samples of raw and spun silk.

89 VON KISSELER, COUNT J. H. Urmény, Hungary. — Prop.—Sheep-wool in fleeces.

90 FEDER, T. & Sons, Vienna. — Hungarian and Austrian-Silesian sheep-wool.

91 VON MITSCHIEN, COUNT A. Grosherrits, Silesia. — Prop.—Pure stock marino sheep-wool.


93 WALLER, O. Court of, Kolleschowitz, Bohemia. — Prop.—Washed and unwashed wool. Hope.

94 PANKA, N. & AKERS, J. Krumitsch, Transylvania. — Washed and unwashed Transylvanian sheep-wool, and washed and unwashed Transylvanian sheep-wool.

95 BUKSCH, J. Pesth, Hungary, Manu. — Prepared Hungarian hemp.

96 PATENT FIBRE HATING ESTABLISHMENT, Ullesdorf, near Schlesburg, Moravia. — Raw and heckled flax of the year 1890. Water plant.

97 TAMASEK, L. Pogio, Lombardy. — Willow-straw for hats.

98 BOTZER, & Botzer, Graz, Styria. — Styrian teasels, for the woollen manufacture.

99 SCHOEFELL, J. Saaz, Bohemia. — Prod.—Hope from Saaz, Ansch, and Melnik, in Bohemia.

100 VON SIEGERT, F. Venetia, Prague, Bohemia, Manu.—Bohemian vegetable produce. Medical plants and pharmaceutical productions.


102 MALVITZ, C. T. Pesth, Hungary, Manu. — Refined and unrefined rape-oil.

The manufacture of machinery has only very recently become a part of Austrian industry, and already promises well. The superior quality of the raw material of the country affords to this branch most important advantages. Prime-movers, steam-engines, and locomotives are produced of excellent quality. Various circumstances, particularly the enormous freight, prevented the transmission of extensive contributions to the London Exhibition from this department.


104 MILLER, A. Vienna, Engineer.—Model of a double condensation steam-engine; has been erected in Verona, in full size, and is in use.

The manufacture of carriages of different kinds is carried on in Vienna, Prague, Graz, Milan, and also in several smaller places in Moravia and Bohemia. Vienna furnishes very tasteful, serviceable, and cheap carriages of all kinds. The export of them to foreign parts is very considerable, and the already large manufacture is daily extending. The Vienna carriage is much liked on account of its suitable construction, easy draught, elegant form, and the durability of its upholstery work, &c.

107 KNEISSL, F. Vienna. — A carriage.

108 LABREZET, F. Vienna, Coachmaker. — A four-seated calèche, on nine steel springs and patent axles.


111 PERRAUX, J. Graz, Styria, Manu. — A pair of pistols.

112 MAVIS & Co., Innspruck, Tyrol, Manu. — A Tyrolean rifle, exhibited for its superior qualities and cheapness.

113 SCHWEIZER, J. Villach, Upper Cariathia, Manu. — An air-gun.


115 NOUPE, F. Prague, Manu. — A double gun. A pair of pistols for shooting at a target.

116 KISSELER, J. Prague, Prague, Manu. — A pair of pistols for shooting at a target; the wood carvings by Mr. Verleine, after drawings by Messrs. Maryx and Seibert.

117 FRES, A. Prague, Manu. — An assortment of weapons, hangars, &c.

118 SCHMIDT, E. Prague, Manu. — An air pistol.


120 BRESCHNER, J. Hermannstadt, Transylvania. — A travelling-pouch, containing a hunting-knife, a pistol, knives and forks.

121 KISSELER, J. Pesth, Hungary, Manu. — A double gun.

122 SELLEER & BELL, Prague, Manu. (Agents, H. A. Grautoff & Co., 4 Lime Street Square, London). — Patent percussion-caps. The total manufacture of percussion-caps for sporting guns in Europe may be estimated at 1,300 millions yearly. Some idea of the importance of this article may be formed from the quantity of copper requisite for its production, viz., 360,000 lbs. weight. The great advantages of the new system have been so generally acknowledged, that within the short space of 30 years all kinds of guns with flint-lock have been abandoned, and the percussion system has likewise taken its place in the army. The percussion-caps of their manufactories are distinguished by accuracy and equality of bore, by the mal-easibility of the copper, by the superior quality of the powder, the exact adjustment of the proportions so as to insure certainty of ignition without danger of accidents, and by lowness of price when the quality is considered. The percussion-caps coated with varnish exhibited by them remain in the water for 72 hours and more without losing their power of immediately igniting the powder. Nipples (pistons) hermetically closed, a new invention, which prevents any moisture from penetrating between the percussion-caps and the nipple, and thus preserves the sportsman's powder perfectly dry. Specimens of iron cylinders coated with cast-steel of superior hardness and solidity.

inventions of the Chevalier von Unfled, of Eisenberg, manager of the works.

126. STALLERMANN, Baron W. F. von, Schein, Bohemia, Prop.—A carpet driller.

127. MAGNI, G. Milan, Prop.—A iron bow.


129. HOFFMEYER, J. Grattish, of Styria, Prop.—Model of an apparatus for silk-worms to spin in.

130. PROKESM, A. Guckel, Bohemia, Inv.—An apparatus for assisting in carrying weights.

131. MECHANICAL DEPARTMENT OF THE IMPERIAL POLYTECHNIC INSTITUTE, Vienna.—A universal levelling instrument, patented by Professors Hampfer and Starka, Vienna. A levelling instrument measuring both height and distance, patented by Professors Hampfer and Starka, Vienna. Five different levelling instruments. A perspective ruler of novel construction. A perspective ruler, patented by Professors Hampfer and Starka. A theodolite. A theodolite, for determining the average strength of draught. Invented by A. Cleaveland de Burg, director of the imperial Polytechnic Institute, Vienna. Mathematical instruments of good quality and at low prices are mostly made in Vienna. A number of small working tradesmen supply the needs of the monarchy. A few specimens of the larger surveying instruments are, however, exhibited. Optical instruments are likewise produced principally in Vienna, of superior quality, particularly those which serve more for purposes of general utility than for science. Opera-glasses and similar articles of the utmost excellence, as well as spectacles and eye-glasses, of all descriptions and mountings, are made in Vienna by a great number of tradesmen. The glasses come mostly from Bohemian manufactories, but are cut in Vienna. No sample of this department has been sent. Of the philosophical instruments, only few specimens have been forwarded.

132. RINDL, J. Leuernstein, Vienna, Inv.—Globe of the moon.

133. ZINKEWITZ, M. Gritz, Styria, Inv.—Chronoglobum and planetarium.

134. BRANDMANN, R. W. Prague, Man.—Saccharometrical apparatus for testing beer, designed by Mr. J. N. Bellini, Professor of Chemistry, of Prague.

135. JERBEL, F. Prague, Man.—Philosophical, chemical, and philosophical apparatus. Works of art in glass.

136. BATEL, W. Prague, Man.—Chemical and philosophical apparatus. An electro-magnetic apparatus, by Professor Petren, of Prague. An apparatus for testing beer, after the design of Dr. Steinheil, of Vienna.

137. ROOPFERT, P. Padua, Engineer.—Geometrical instruments.


139. ZWICKER, J. Aegardorf, Vienna, Inv.—A measure for concave surfaces.

140. MARCHIEN, G. B. Lod. — Writing apparatus for the blind.

The excellence and extent of the musical department in Austria are the natural consequences of the fondness of its inhabitants for music, and the extensive demand for musical instruments resulting therefrom.

Vienna and Prague are the principal seat of the manufacture of stringed and wind instruments, which in purity of tone, in correctness of make, and in cheapness, are unrivalled, and are consequently articles of considerable export. Also in other parts of Bohemia and the Archduchy of Austria, and in Lombardy, excellent musical instruments are made.

The Vienna pianoforte is distinguished by a full and beautiful tone, easy touch, elegant and light shape. The manufacturers endeavoured to adapt the mechanism of the instruments to the taste of the various countries. The few specimens in the Exhibition deserve attention, also for the tasteful and rich cabinet-work of the cases.

Besides Vienna, at Prague, Graz, Presburg, and other places in Austria, pianofortes of equally good quality are manufactured.

Harmonicons, both large and small, the latter of which are rather to be considered as toys, are extensively made in Vienna of good quality, and are largely exported. Musical boxes from Prague are also exported in large quantities.

140. SCHNEIDER, J. Vienna, Man.—A pianoforte of American maple, with Viennese mechanism, ornamented with inlaid-work.

141. VLAŠEK, J. Prague, Man.—A pianoforte of walnut-tree wood.

142. WILHELM, A. Mödling, near Vienna, Man.—Leather for covering the hammers of pianofortes.

143. BESSER, D. & Son, Madersburger, Bohemia (Agent, Mr. Holste, 76 Easinghall St. London). Man.—Different kinds of prepared wood for musical instruments.

144. BIBER, P. Vienna, Man.—A stringed quartet (two violins, tenor, and violoncello). A violin, a double bass, and a guitar.

145. KÖRNER, J. Turnau, Bohemia, Man.—A violoncello, inlaid with mother-of-pearl.

146. FENDRIE, F. Graz, Styria, Man.—A stringed quartet (two violins, tenor, and violoncello).

147. EZZICO, C. Cremona, Man.—A violin.

148. KÜHNERT, A. Vienna, Man.—Two sithorns (stringed instruments).

149. HÜTTEN, M. Vienna, Man.—A sithorn (a stringed instrument).

150. CALLEDENER, A. (firm of Antonio Piaffo detto Romanini & Co.), Padua, Man.—An assortment of strings for musical instruments, including violin, violoncello, double bass, harps, &c. and specimens of cat-gut.

151. INDEX, A. Venice, Man.—Samples of strings for guitar, violin, violoncello, harp, and double bass.

152. HELX, F. Vienna, Man.—Musical instruments: a clarinet, bugle, brass-lute, trumpet, brass instrument, a new invention, called Huxel.

153. STEIN'S WIDOW, J. F. Vienna, Man.—Various wind instruments of metal.

154. STEELE, J. Vienna, Man.—Wind instruments of wood and metal.

155. UHLER, J. Vienna, Man.—Various wind instruments of wood and metal.

156. ZIBER, J. Vienna, Man.—Various wind instruments of wood.

157. ZERVET, W. F. Körgelgrätz, Bohemia, Pat.—Various wind instruments of metal; among them a horn called the phonikon, a new invention.

158. BÖR, A. H. Prague, Man.—Various wind instruments of metal.

159. BÖR, J. Prague, Man.—Various wind and stringed instruments.

160. SCHRÖER, F. Prague, Man.—Wind instruments of metal.

161. FEUSSLER, G. Milan, Man.—Wind instruments of metal.

162. FEUSSNER, F. Prague, Man.—Four musical boxes, playing two, three, four, and six tunes.

163. FEUSSNER, J. Vienna, Man.—Different kinds of concertina, accordions, and Jews-harp.
164. **Steinweller**, C., Vienna, Manu.—Different kinds of accordions and concertinas.

165. **Franz Gruber**, Prague, and Graz, are the principal seats of this industry. In the former place particularly, the construction of clocks is carried on extensively by a numerous class of small manufacturers. The Vienna clocks in glazed wooden cases, the metal clocks called Black Forest, or Schwarzwälder, clocks, and the small clocks (Nippaben), on bronze or porcelain stands, and under glass shades, have become considerable export articles, the former on account of their excellence, the latter owing to their appearance and cheapness.

Church clocks, astronomical clocks, travelling clocks, and also watches, are of superior workmanship.

166. **Ziller**, A., Vienna.—**Two travelling clocks.**


168. **Kátov**, J. F., Vienna, Clockmaker.—A geographical clock, showing the difference of mean time in all the capitals of Europe.

169. **Schubert**, A., Vienna, Clockmaker.—Different kinds of clocks, including bracket, table, and small toilet clocks.


171. **Ziller**, J., Vienna, Clockmaker.—A pendulum clock, going a twentymonth, jewelled socket and escapement.

172. **Beck, J. & Co., Milan in Lombardy, Prod.—Six specimens of cocoon: A, yellow, coarse fibre; B, yellow, delicate; C, yellow, satin; D, yellow, saffron; E, white, coarse fibre; F, white, fine fibre. 2 Specimens of raw silk, one thread, twisted silk, yellow and white. 3 Specimens of silk, three threads. 4 Specimens of organzé silk, for velvet, heavy, and light satin and plush. 5 Specimens of Grenadine: Organzé Grenadine, four threads. 6 Two qualities of Grenadine manufacture. Looms, Messrs., Brevis Brothers.

**Cotton.**—Cotton spinning and weaving has of late years been greatly increased in Austria, owing to the demand for home consumption. Bohemia, Lower Austria, and Vorarlberg, in the Tyrol, contain most of the spinning-mills; Bohemia has by far the greatest number of establishments for weaving and printing. The erection of power-looms has not been extensive, the greatest part of the articles produced being woven by hand by the inhabitants of the Bohemian mountain-frontier districts. The production of cotton yarn and goods has increased in late years in a measure which bears no proportion to the small number of the samples exhibited.


175. **Hirschel & Meiser**, Haidenshaupt, Bihary.—White cotton yarn. Turkey-red yarn.


177. **Cotton Mill and Dyeing Establishment, Peraden, near Venice.**—Cotton twill, dyed Turkey red.


179. **Püschl**, G. A. & Sons, Warnsdorf, Manu.—Cotton velvet of different kinds, dyed and printed.

180. **Großmann**, C., Lindenau, Bohemia, Manu.—Cotton yarn, dyed Turkey red and pink. Cotton velvet and calico, dyed Turkey red.

181. **Lang, Franz, & Sons, St. Georgenthal, Bohemia, Manu.**—Cotton velvets of different kinds.


183. **Friedrich**, A., Vienna, Manu.—Various cotton goods, shirtings, muslins, thibets, &c.


185. **Klammt**, J., Vienna, Manu.—Ladies' fancy cotton dresses of different descriptions.

186. **Lang**, J., Vienna, Manu.—Fancy cotton goods.

187. **Leutenberger**, E., Reichshäude, Bohemia, Manu.—Plain and assorted coloured cotton prints, printed by cylinder or hand. Jacquets, cambrics, muslins of different colours.

188. **Leutenberger**, F., Cosmancé, Bohemia, Manu.—Plain and variously-coloured cotton prints, printed by cylinder, hand, or perrotines. Coloured jacquets, cambrics, muslins, and printed shirtings.

189. **Liesch**, J., Warnsdorf, Bohemia, Manu.—Printed pieces.

190. **Oberberger's Successor, P. Zwettl, Manu.**—Various cotton goods.


**Woolen and Worsted Goods** (including fabrics mixed with cotton, flax, and silk shawls).—The production of wool as a raw material is a most important branch of industry, and its export trade is only exceeded by that of silk goods. The raw material of which, besides a large quantity exported, is entirely of home growth. Nearly half the wool of Austria is Hungarian; next in importance are Bohemia, Galicia, Moravia, Silesia, Transylvania, Upper and Lower Austria. The woolen yarns are usually spun in the cloth manufactories, and several spinning-mills have been lately established.

The manufacture of woollen is chiefly carried on in Bohemia, Moravia, and Upper and Lower Austria. The most important places in this respect are Vienna, Brünn, Iglau, and Bielitz, in Moravia, and Vienna.

The shawls, which are manufactured almost exclusively at Vienna, combine durability and tastefulness with cheapness, and have long been extensive export articles.

Some specimens of woollen mixed with cotton, silk, and thread, as well as carpets and similar articles, are exhibited.


193. **Lindenberg**, E., Brünn, Moravia, Spinner.—Woolen yarns.

194. **Schmieder**, E., Kudock, Bohemia, Manu. and Spinner.—Worsted and woollen yarns. Woollen fabrics, including thibets, muslin, cloth, &c.


198. **Tum**, A., Reichshäude, Bohemia, Manu.—Worsted and woollen yarns. Woolen goods, including thibets, cloth, cases, Orenses, and waistcoats. Printed cashmere and shawls.

199. **Worsted Yarn-Spinning Company, Voslaw, near Vienna.**—Berlin worsted yarns and artes yarns.


289 TAETZLER, M. Cronstadt, Transylvania, Manu.—Various druggists.
290 WÖCHERSEY, J. R. Skalits, Hungary, Manu.—Woollen bolting-cloth.
291 WALLER, L. Brünn, Moravia, Manu.—Fine cloths, cashmere, satins, and elastica.
292 BAUM, THEODOR, & Co. Brünn, Moravia, Manu.—Woollen cloths.
293 BIEZERMAX, M. L. & Co. Tetscher, Moravia, Manu.—Fine cloths, cashmere, and doekins.
294 BINDER, T. A., Hermannstadt, Transylvania, Manu.—Cloths and doekins.
295 BöHLER, FRANZ, Graz, Styria, Manu.—Broadcloths and Styrian beavers (ABORT) of various colours.
296 COTTON MANUFACTURING COMPANY, Budapest, Hungary.—A variety of cloths and doekins.
297 GINZEL, K. C. Reichenberg, Bohemia, Manu.—Peruvian cloth.
298 GÜNTHER, J. Brünn, Moravia, Manu.—Woollen trousseaurings.
299 MUKTEN, J. Reichenberg, Bohemia, Manu.—Cloths and Peruvian.
300 TRAITEUR, Brünn, Moravia, Manu.—Woollen, cloths, summer buckskins and trousseaurings.
301 CLOTH MANUFACTURING COMPANY, Vienna.—Woollen, cloths and doekins.
302 POSTERMAN, G. H. Brünn, Moravia, Manu.—Fine cloths and trousseaurings. Stuffs for summer and winter coats.
303 POPPER BROTHERS, Brünn, Moravia, Manu.—Fine cloths, Peruvians, doekins, and sephersenne trousseaurings.
304 PASELER, A. Jun. Reichenberg, Bohemia, Manu.—Samples of cloth, doekins, and cashmeres.
305 SPERLING, J. H. Brünn, Moravia, Manu.—Fine cloths and trousseaurings. Stuffs for summer and winter coats.
306 SCHMIDT, F. Licha, Bohemia, Manu.—Woollen cloths of different kinds.
284 TAETZLER, A. & Sons, Reichenberg, Bohemia, Manu.—Cloth and Peruvian.
285 TEICHMANN, J. Jun., Reichenberg, Bohemia, Manu.—Various samples of cloth.
286 ULLRICH, A. Jun., Reichenberg, Bohemia, Manu.—Cloths and Peruvians.
287 VONWILLER & Co. Semtenberg, Bohemia, Manu.—Cloth, Peruvian, and doekins.
289 BEACER, F. W. Vienna, Manu.—An assortment of woollen and half-woollen prints for ladies’ dresses. Balsamines. Woollen and berege shawls, handkerchiefs, and scarfs.
290 LIEBER, F. Reichenberg, Bohemia, Manu.—Printed Thibet and Cisroean handkerchiefs and scarfs. Tablecovers.
291 WINTER, J. Vienna; Tupped, Bohemia; and Trebisich, Moravia, Manu.—Ladies’ printed dresses; half-woollen stuffs.
292 HAAS, F. & Sons, near Wien, Manu.—Velours d’Utrecht.
293 DREXLER, J. (Heirs), Kleinmünchen, near Linz, Manu.—Carpet of different sizes and colours.
294 SÜSS, J. Wiener, Carinthia, Manu.—Cloth of the finest quality for uniforms.
295 MUELLER, A. L. Reichenberg, Bohemia, Manu.—An assortment of woollen.
296 COTTON MANUFACTURING COMPANY, Vienna.—Samplers, Moravia.
297 OFFERMANN, J. H. Brünn, Moravia, Manu.—Fine cloths and trousseaurings. Stuffs for summer and winter coats.
298 WEISS, J. M., Vienna, Manu.—Silk ribbons.
299 MÖRING, C. Vienna, Manu.—Figured gros de Naples ribbons and satin ribbons.
300 FRAKTINGHOLZ, J. Vienna, Manu.—Silk ribbons, of various kinds.
301 BACKHAUSEN, C. J. Vienna, Manu.—Half-silk for ladies’ dresses.
302 BADER BROTHERS, Vienna, Manu.—Silks, ladies’ scarfs, dresses, and handkerchiefs.
303 BLAHR, W. Reichenberg, Bohemia, Manu.—Fine cloths, Breslau, Carstoffe, elastica, and Peruvians.
304 BRAH & ROSENBERG, Vienna, Manu.—Figured satin, white silk waistcoating, and velvet.
305 BUSATTI, P. Vienna, Manu.—Silk furniture and damasks; carriage linings. Silk brocades for ecclesiastical vestments. Silk hangings, counterpanes, handkerchiefs, satin, &c.
306 DÖRFLEHTHEI, L. Vienna, Manu.—Half-silk and silks, ladies’ dresses, satin, velvet, &c.
307 FEUERMANN, A. Vienna, Manu.—Figured silk dresses.
308 FEUERMANN, A. Vienna, Manu.—Silk dresses; ecclesiastical brocades; silk tapestry; damasks; satins; ladies’ scarfs.
309 GARNER, J. Vienna, Manu.—Transperant silk gauze.
310 GIANT, J. Vienna, Manu.—Silks and half-silk; ecclesiastical brocades and damasks.
311 HAAS, F. & Sons, Vienna, Manu.—Silks; satins; Gros de Naples; shawls.
312 HAAS, F. & Sons, Vienna, Manu.—Silks and half-silk; damasks, furnitures, and lampas.
260 HELL, G. Vienna, Mann.—Silk furnishings, in brocades; lamps; satin; damasks; velvets.
261 Hrusko, J. & Sox, Vienna, Mann.—Figured silk dresses.
262 HOENTROZE, C. G. & Co., Vienna, Mann.—Silks; silk velvets; Bayaderes handkerchiefs; ladies' dresses; barge shawls. Printed foulards. The stuff made on self-acting water-loom, and printed by Gustav König in Vienna.
263 KREKEL, E. Vienna, Manu.—Ecclesiastical vestments. Imperial cloths of silk, richly embroidered with gold and silver. Casauls of silk velvet, embroidered with gold and silver. Vestment of cloth of silver, embroidered with gold. 264 KOTTY, A. Vienna, Mann.—Ecclesiastical brocades, embroidered in gold, and silver, on silk, and chenille.
265 LEHMANN, J. & Sox, Vienna, Mann.—Tapestry, Ecclesiastical brocades. Ecclesiastical vestments, richly embroidered with gold, silver, and imitation metal, on silk and chenille.
266 MAYER BROS., Vienna, Mann.—Silk and velvet waistscoats; satin scarfs and handkerchiefs.
267 MACHREUZ, P. Vienna, Mann.—Ladies' silk handkerchiefs. Satin and velvet waistscoats.
268 REICHERT, F. Vienna, Mann.—Silks; gros de Naples; gros grain; gros d'Arque; Levantine and satin Turque.
269 SEIFFERT, C. Vienna, Mann.—Silk plush for hats.
270 SCHOFFER, M. A. Vienna, Mann.—An extensive selection of silks for furniture, in brocades, lamps, satins, engagement linings.
271 SIEBREIT, F. Vienna, Mann. & Pat.—Chenille handkerchiefs and bayersers.
272 SOMMER, I. Vienna, Mann.—Silk lawn; transparent gauze; and bayersers.
273 SPANOFF, F. X. Vienna, Mann.—Plain and brocaded silk handkerchiefs; ladies' scarfs and shawls.
274 THIER, F. Vienna, Mann.—Fancy silk goods, waistscoats, satin scarfs, &c.

MANUFACTURES FROM FLAX AND HEMP.—Although the ancient and, in former times, flourishing linen trade of Austria has suffered greatly by the introduction and progress of the cotton manufacture, and by spinning by machinery, it still occupies an important position, and the counties of the mountain districts of Bohemia, Moravia, Silesia, and Saxonia is of considerable excellence. The manufacture is also constantly exerting its influence for the improvement of the growing and preparation of flax.

Among the hemp manufacturers, of which specimens have been sent, some are distinguished by their novelty, as for example, variegated coloured hemp thread for ladies' fancy work, frequently preferred to silk.

The linen-yarns of Austria are mostly hand-spun; machine-spinning is, however, on the increase. Samples are exhibited both of hand and machine spun yarns.

275 HEILBEN, E. & Sons, Schönaide, Bohemia, Mann.—Sewing, crocheting, and knitting thread. Linen.
276 TAUBER, F. Unter-Mehring, near Vienna, Mann.—Tow-thread, coloured, of various kinds.
277 KOPEL-MAEZEN'S Association, Hermannstadt, Transylvania.—Manufactures of hemp and flax, including girths, cordage, &c.
279 PARRISH BROS., Graz, Bohemia, Mann.—Water-bose of Bohemian hemp, for fire-engines.
280 WURZBURG, G. Linz, Mann.—Saddle-girths, halters, cordage, &c.
281 BUCHER & GRAFF, Brian, Moravia, Mann.—Sail-cloth of different kinds, spun and wove in the same factory.

282 BUCHER, M. Fiume, Mann.—Sail-cloth of different kinds.
283 THE BENEFICENT SOCIETY'S ESTABLISHMENT, Milan.—Three table-cloths and a piece of linen.
286 HAUFF, L. Brian, Moravia, Mann.—Linen. Damasked coloured trellis, &c., of various kinds.
287 MUNK, J. Haslach, Mann.—Linen table-cloths and towels.
288 PELDRAN'S HXIA, Bohemia, Bohemia, Mann.—Linen yarns, hand-spun. Linen of different kinds, grass-bleached. Pocket handkerchiefs.
289 PETHAN, J. Brusa, Bohemia, Mann.—Prepared flax. Linen yarn. Linen handkerchiefs.
290 SIMON, J. & Co., Schenken, Moravia, and Bohemia.—Bleached linen, of all widths and lengths, of the best hand-spun and machine yard.
292 VONZWEGLER & Co. Haslach, Mann.—Mixed cotton and linen, drill, andrips.
293 WITTMER & KUBING, Wurtzendorf, Bohemia, Mann.—Figured linen trowsersings. White waistcoats, of various patterns. Gambroo linings.
295 BAUER'S WIDOWS, RUDOLPH, Vienna, Mann.—Ladies' figured dresses. Long shawls; woollen bayersers. Cashmere waistcoats; gentlemen's scarfs.
296 FERRER, J. Vienna, Mann.—Fancy stuffs, including ladies' half silk dresses. Fine, middling, and figured cotton dresses. Figured half woollen cloaks. Scarfs, half and entirely of wool, for ladies and gentlemen. Printed coton handkerchiefs.
297 KERSTCH, M. Anna on the Elbe, Bohemia, Mann.—Cloth of wool and cotton, alpacas, poil de chevre, &c.
298 LUXMA, J. Reichenberg, Bohemia, Mann.—An assortment of plain and figured printed woollen stuffs, comprising Orleans, Thibet, lasting, mandarin, &c. Winter shawls, printed Thibeta, &c.
299 MÜMERTZ, C. G. Georgswalde, Bohemia, Mann.—Ladies' dresses of silk, cotton, and wool, prepared for printing.
300 RAMESE, I. Vienna, Mann.—Wollen shawls; petti-coats; counterpanes.
301 WOFLER, C. Ansitz on the Elbe, Bohemia, Mann.—Cotton and woollen stuffs, including victorines, poil de chevre, imperials, albasbras, &c.
302 WURZ, J. N. Perschenthal, Silesia, Mann.—Breakfast cloths of different colours of linen, wool, and silk. Woolen coverlid.
303 ZINKE, F. Vienna, Mann.—A variety of waistcoats.
304 EICKENBURGER BROS., Vienna, Mann.—Waistcoats and woollen scarfs for gentlemen.
305 KLAK, A. Vienna, Mann.—Waistcoats of various kinds.
306 ROCKSTON, H. Vienna, Mann.—Waistcoats of wool and cotton.
307 THAIL, J. Vienna, Mann.—Waistcoats of wool, and of wool and cotton mixed.
306 WERTRAUSZER, J. Vienna, Manu.—Waistcoatings of piqué and wool.
309 BERGER, J. Vienna, Manu.—Ramage, long, and a variety of other shawls.
310 BROTZMANN, A. Vienna, Manu.—Tape and ramage shawls. Long shawls.
311 HAYDER, B. Vienna, Manu.—Ramage and long shawls.
312 KURZ, & SOH, Vienna, Manu.—Tape and ramage shawls. Long and Thibet shawls.
313 MARTIN, J. Vienna, Manu.—Tape and ramage shawls. Long and Thibet shawls.
314 MOREL, N. Vienna, Manu.—An assortment of shawls.
315 REINHELD, W. Vienna, Manu.—Tape and ramage shawls. Long shawls.
316 RUSZ, J. Vienna, Manu.—Ramage and long shawls.
318 SCHINDL, A. Vienna, Manu.—Shawl-handkerchiefs and long shawls.
319 WEERER, C. Vienna, Manu.—Fancy woollen and cotton shawls. Shawls for mourning.
320 BLUME, Z. Vienna, Manu.—Large assortment of shawls, shawl-handkerchiefs, long shawls and scarfs.

LEATHER AND LEATHER WORK.—The manufacture of leather in Austria is extensive. A superior article is produced in Bohemia and Lower Austria, the principal seats of the manufacture. The Bohemian glove leather, of goat, lamb, and sheep-skins is of good quality. Also in japanned calf-skins, fine coloured and split Russian and morocco leathers, progress to a considerable extent has been made.

The manufacture of gloves at Vienna employs a large number of hands, particularly women, and the exports are considerable. In Prague also, fine gloves are made. Ordinary kinds of so-called washing gloves are made on a large scale in several smaller towns in Bohemia.

For harness-makers', saddlers', and trunk-makers' work, Vienna has likewise a good reputation.

Bookbinding and fancy-work in leather, are of some importance in Vienna. Durability, good taste, and moderate prices have made them articles of export to Germany and Italy.

323 SUIROZA, J. Alderstecsel, Bohemia, Manu.—Cow-leather, tanned with pine bark.
324 SCHEL, A. H. Vienna, Manu.—Brown calf-skin, japanned calf-skin, calf and sheep-skin, and kid leather in various colours for fancy articles. Sheep-skin for furniture covering.
325 WOLFF, F. Hermannstadt, Transylvania, Currier.

327 CHRISTL, J. Vienna, Manu.—Gentlemen's boots and shoes, waterproof-sheeting-boots. Boots with cork and wood-pegged soles, and with hollow heels.
328 FRANK, J. Vienna, Pat.—Boots soled with a newly-invented material.
329 LANGER, J. Vienna, Manu.—Gentlemen's boots and shoes.
330 SHOEMAKERS' ASSOCIATION, Hermannstadt, Transylvania.—Shoes and boots (called Tschisken) belonging to the Saxon and Romanian national costume.
331 HEIL, J. Vienna, Manu.—Ladies' shoes, boots, and slippers.
333 FRADE, L. Vienna, Manu.—Ladies' shoes, overshoes, and half-boots with pegged soles.
334 BOUQUEL, P. Prague, Bohemia, Manu.—Kid and lamb-skins for gloves.
335 JARCHER, F. Vienna, Manu.—Kid gloves for ladies and gentlemen.
336 GLOVERS' ASSOCIATION, Prague, Bohemia.—Ladies' and gentlemen's gloves of kid, lamb, and sheep-skin. Gentlemen's gloves of reindeer leathers.
337 PORTECKERT, J. Hermannstadt, Transylvania, Manu.—Sheep-skins and kid leather.
338 GILLICK, F. Prague, Bohemia, Manu.—A variety of harness.
339 LEHNER, F. Prague, Bohemia, Manu.—Saddles of various kinds.
340 ZAPF, L Vienna, Pat. and Manu.—Saddles, girths, bridles, and horse-rugs.
340 GRAUSE, F. Vienna, Manu.—Riding and other whips, with buttons and handles of silver, ivory, whalebone, horn, &c.
342 MANSCHER, M. F. Pest, Hungary, Manu.—Hungarian Calata whip.
343 GROENHOF, G. Vienna, Manu.—Travelling trunks, hunting-couches, and carpet-bags.
345 LEATHER-CUTTER'S ASSOCIATION, Hermannstadt, Transylvania.—A belt.
346 GATZ, J. Pest, Hungary, Furrier.—Hungarian sheep-skin Bund (a cloak).
347 ASSOCIATION OF FURRIES, Hermannstadt, Transylvania.
348 BÖRNER, F. Vienna, Manu.—Gutta percha articles, including sticks, riding-whips, muff-boxes, goglets, flower-pots, &c.
349 LANG, F. Stadt, Steyer, Manu.—Artists' brushes of various kinds.
350 FATTUR, G. Hermannstadt, Transylvania, Manu.—Horse-brush. Cloth and hair-brushes.
351 RATER, J. G. Hermannstadt, Transylvania, Hatter.

—Felts and materials for making felt.
353 HINTER, J. Prague, Bohemia, Manu.—Bohemian silk and hair hats.
355 KHAN, C. Prague, Bohemia, Manu.—Felt and silk hats. Thibet mechanical hats.
356 KREUTZ, J. Prague, Bohemia, Manu.—Silk and felt hats and bonnets, of various kinds. Felt shoes and boots. Samples of coloured felt cloth.
356 SCHAR, A. Prague, Bohemia, Manu.—Felt and silk hats; waterproof military hats; shooting hats of wool and hair.

HORSE-HAIR.—Sieve bottoms are made in Illyria in considerable quantities, at very moderate prices, and of good quality.

They are principally exported; and chiefly to Italy, France, the Netherlands, Spain, Gibraltar, Servia, Bosnia, &c.
359 BENEDIO, J. Strausslach, Kraunburg, Illyria, Manu.—Horse-hair sieve bottoms, of various kinds. Cylindrical sieve-bottoms, for paper manufactories.
357 GLOBOTRICHO, A. Strausslach, Illyria, Manu.—Horse-hair sieve bottoms of various kinds. Cylindrical sieve-bottoms, for paper manufactories.
358 LOCKER, D'A Potho, Kraunburg, Illyria, Manu.—Horse-hair sieve bottoms of various kinds. Cylindrical sieve-bottoms, for paper manufactories.

PAPER, TYPOGRAPHY, ENGRAVING, PAPER-HANGINGS, AND DRAWING MATERIALS.—The paper manufacture in Austria
AUSTRIA.

375 SCHEUR, F. Vienna, Calligraphist.—A calligraphic
  tableau.

376 HARDENBERG, A. Vienna, Dressing-case maker.—
  Ladies' toilet-table, with ivory ornaments. A painter's
  easel.
  Fancy articles of leather, portfolios, caskets, pockets, ladies' 
  and gentlemen's companions, travelling medicine chests,
  cigars, port-wine cases, ladies'-match boxes, &c.

377 STIBOR, W. Prague, Bohemia, Bookbinder.—A bill
  casket. An album with the view of the royal castle at 
  Prague, papeterie.

378 REINZ, A. Vienna.—Fancy-ware of wood and paper; 
  paper baskets; screens; letter-weight; table-rooms. 
  Samples of stamped-paper ornaments.

379 JOSER, & TVURZ, Vienna.—Pasteboard ware: cas-
  kets, watch-stands, pin-cushions, goblets, &c. Stone paste-
  board ware: cups, baskets, caskets, watch-stands, pin-
  cushions, &c.

380 BERGER, C. H. Vienna.—Wafers of paper and gala-
  tine, of different kinds.

381 HARRUTH, L. & C. Vienna, Manuf.—Black lead 
  and red-ochre paints of various kinds.

382 GROUPEHJER, Schlesinbria, Bohemia, Mann.—Silk-
  lace, petinet, veils, &c.

383 MEINL, A. Hebra, Wien, Mann.—Silk-lace, 
  woolen-lace, of different colours. Embroideries, including 
  pocket-handkerchiefs, ladies' dresses, collars, &c.

384 BÖHL, S. Gratia, Bohemia, Mann.—Silk byadore 
  handkerchiefs. Embroidered cambria pocket-handkerchiefs.
  Embroidered and satinemta.

385 SCHRACK, F. Vienna, Mann.—A large assortment 
  of silk-lace, petinet, and point-net-lace, bayadore, handkerchiefs,
  veils, shawls, scarfs, &c.

386 BONZ, J. Vienna, Mann.—Embroidered shawls and 
  scarfs.

387 LAPORTA, H. F. Vienna.—Embroidered scarfs and 
  handkerchiefs. Mantillas. Scarfs. Velvet and cashmire 
  shawls.

388 RAFFOPF, F. Vienna, Embroiderer.—A coat-of-
  arms, embroidered with gold, silver, and silk.

389 BERSKY, M. Vienna, Artistic Embroideresses.
  An embroidery of crape-thread on white gros de Naples, 
  representing Benediction. An embroidery of wool and silk, 
  representing the grave of the fallen soldier.

390 FUCHS, M., Brescia, Belluno.—An embroidered 
  carpet.

391 KRAUS BROSHERS, Prague, Bohemia, Mann.—A 
  dress coat of peculiar workmanship. A double coat, that 
  can be worn on either side, made of a new material. A coat 
  made of woolen stuff, of peculiar cheapness. Another made 
  of a new woolen stuff.

392 SNEGEK, J. Pest, Hungary, Mann.—Gentlemen's 
  apparel.

393 BORONSKY, A. Reichenberg, Bohemia, Mann.
  Hosiery, including ladies' and gentlemen's vests, trousers,
  caps, shoes, &c.

394 MALATTISCHER, E. Miskolc, Hungary, Mann.—
  Hungarian national dresses, called surk.

395 KOJ & KRAUSCHMANN, Rima Szemath, Hungary, 
  Mann.—Various Hungarian coats (guba). Hungarian shooting 
  coats.

396 OSTERSCHICK, D. May, Hungary, Mann.—A white 
  and a grey Hungarian cloak (guba). Hungarian clothes 
  (ballina) and rugs.

397 SCHRAMM, S. Herrmannstadt, Transylvania, Weaver.
  Veils for the Roman national costumes.

398 TRADE UNION, Herrmannstadt, Transylvania. 
  Sezzízian rugs. A Sariska, belonging to the Walachian 
  national costume (produce of the domestic industry of the 
  Walachian peasantry).

399 STEITZ, A. Brann Moravia, Mann.—Oriental caps 
  'fes', of various kinds.
AUSTRIA.

400 BADISCHER COMMUNITY, Vordernberg, Styria.—
Soft pig-iron, sparry iron ore, granite stone, slags. Bar-iron, prepared for making blistered steel.

Aust.—Austria stands in the first rank of continental countries in the production of iron, both as regards the quantity and quality of its ores, and the antiquity of its mines.

The iron productions of the Austrian empire may be divided into that of the Alpine countries (Styria, Tyrol, Carniola, Upper Austria, and Lower Austria), and that of the mountainous districts of Bohemia, Moravia, and Silesia; and of the Carpathian countries (Hungary, Galicia, and Transylvania). The nature of the ore in Bohemia and Moravia, as also in the Carpathian countries, is more fit for the production of cast-iron and articles made from the same, whilst the Alpine countries have mainly devoted themselves to the production of steel and wrought-iron.

The exhibition affords a comprehensive idea of this important department of Austrian industry. Almost every part of it is represented: Bohemia, Moravia, Styria, Lower Austria, the Tyrol, Carniola, and Carinthia having sent specimens of their various iron productions, with the raw produce in different stages of preparation; next follow the sheet-iron and wires, and finally the finished manufactures.

The Austrian iron, and particularly the Austrian steel (called in England Milan steel) is acknowledged to be of superior quality, in consequence of which so great a demand for the latter has been created abroad, that the manufacturers of scythes, among others, complain of want of material. Hitherto charcoal has been mostly used in the iron works, but coal is beginning to take its place; and also all the new improvements in smelting and refining are being adopted.

401 VON EGGER, COUNT G., Knappenberg, Carinthia.—
Heavy spear. Crystallised and effervescent sparry iron ore.

402 VON EGGER, Count G., Hüttenberg, Treibach, and Oberfellbach, Carinthia.—
Flax-iron, cast-steel, brasses, and die-steel. Rails for the Levant.

403 KAISER'S Co. IRONWORKS, Heft and Massing, Carinthia.—Pieces of iron and steel, white and refined scorces and sheet-iron.


405 CARL, Z. W. IRONWORKS, at Taunslberg, Freistritz and Wochlen, Carniola.—Iron-ores, pig-iron, bar-iron, steel, and cast-iron.

406 BADESCH, J. Friszográe, Hungary.—Ankeris iron-ore, raw, half, and entirely effervescent; also roasted. Samples of pig-iron produced from these ores.


410 VON EGGER, Count F., Freibach, Carinthia.—A selection of Brescian steel, including cast, socialion, fit, and soya steel.


412 FUXENBERGER, Prince, Altbiitten, Neuhütten, Rotenstark and Neunjochschthal, Bohemia.—Various samples of wrought and stretched iron, round and flat-angled iron, carriage-spring iron, plough-shares, spring-iron, sheet-iron for boilers, wrought lathe-spindles. Several cast-iron stoves and mouldings. Colonial crucifix, chains, etc.

413 MAYERKRAUT, Prince, Pisa, Bohemia.—Cast-iron stove for a hunting-seat.

414 BOUGMAR, Count, Kalibach, Bohemia.—Hoop-iron, round bar-iron, sheet-iron, &c.

415 ANDRASSY, Count G. Demó, Hungary.—Rod-iron stretched by charcoal-gas loops.

416 IRONWORKS OF THE CHAPMAN OF GORK, St. Magdalena, Carinthia.—Various kinds of steel: Brescian steel. Steel for files and scythes.


418 PRETZLER, J. Spitzbach, Upper Styria.—Steel for scythes and nails.

419 VON TEUX, Count G. Strieben, Schwarzbaech, and Mies, Carinthia.—Various kinds of steel and iron for nails.

420 FISCHER, A. St. Aegyd.—Iron-ore and pig-iron.

421 FISCHER, B. Traisen,פך. Various articles of cast-steel, including spindles for spinning establishments, &c.

422 FISCHER, Count F. Felsen, Carinthia.—Tin plate and cut-iron, such as machine-guns; broken pieces, to show the grain, and its yielding nature.


424 PRIVILEGED ASSOCIATION OF MANUFACTURERS, Wölkerdorf.—Tinned sheet-iron. Embossed and chased forms of tin.

425 VON KLEIBERG, Baron, Niedek, Bohemia.—Tinned sheet-iron. Tin sheet-iron, called iron-paper.

426 VON EGGER, Count F., Felstritz, Carinthia.—String, cording, curving bed-springs, and pit-ropes wires. Fine, middle, and ordinary wire.

427 FISCHER & WURZ, St. Egidi, Pat. & Mann.—Different descriptions of iron-wire ropes.

428 ENSFELDMANN & SCHINDLER, Stadt Steyer, Mann.—Ordinary and fine iron-wire. Wire for musical strings. Saws.

429 HÜBER, F. Josefschalt, Styria.—Different kinds of iron and steel wire.


431 SALIS, Prince, Blazka, Moravia.—Cast-iron gas-chandeliers, from a drawing of Mr. Bernardis, in Vienna. Cast-iron statues: Field-marshall Count Radetzky.

432 ALMERIC, Archduke, Trziniets, Silesia.—Cast-iron cooking apparatus, with non-metallic enamelling.

433 BARTHELME BROS. & BERNHARDT, Neunjochschthal, Bohemia.—Cast-iron cooking apparatus, with non-metallic enamelling. Horse-manger, &c.

434 HEINZEL, A. Vienna, Pat. & Mann.—Sheet-iron saucepans, with a non-metallic enamel.

ARTICLES IN COMMON METALS AND THEIR ALLOYS.—The manufacture of articles in pewter, lead, copper, brass, pinhole, bell-metal, German silver, alabastra, bronze, gilt, silvered and plated metals, has its principal seat in Vienna. They are either articles for use or ornament. The former, of copper, brass, &c., are very substantially made, and not commonly by the home market, but are also extensively exported. The export trade of Vienna in gold and silver fancy articles has for some years been considerable, great taste having been combined with solidiy. Also the manu-
furniture of cast and embossed articles of bronze, gilt, is flourishing, and gives employment to a large number of workpeople.

454 KITSCHEN, A. Vienna, Mann.—Various metal articles, viz.: A vase, a cross, and two candlesticks, cast in iron, from the drawings of Mr. Steine, in Vienna. Table, cast in zinc. Flower-stand of bronze, cast in one piece. Toilet-table, cutlery, and chairs of hollow wrought-iron tubes, with glass ornamentation.

455 GÖTZEL, J. B. Villach, Carinthia, Mann.—A pressed leaden pipe, 300 feet long, in one piece. Two pieces of pressed leaden pipes (tin). These leaden pipes are especially worthy of observation, on account of their great length, thickness, and equality; they can be made of any length.

456 HIRSCH, F. Brun, Moravia.—Church-lamp, drawing-room service, writing materials, teapot, etc., of tin. Samples of ornaments and letters.

457 WAGNER, F. Prague, Mann.—Iron cash-box, weighing 270 lbs.

458 ERTZ, F. Prague, Mann.—Two iron cash-boxes, weight 80 lbs. and 455 lbs.

459 SCHMITT, SICKLES, AND STRAW-CUTTERS.—The importance of these articles as well as the present position of the manufacturers in Austria, is generally known. The Austrian scythe and sickle find their way into almost every country in Europe, and almost across the Atlantic. The reason of this is to be found in the excellence of the material, the lowness of the price, and the care with which they are made for centuries. The principal seat of the manufacture is Upper and Lower Austria, but a few of the Tyrol, which furnish nearly three-fourths of the whole number made.

Stadt Steyer, in Upper Austria, alone furnishes annually nearly two million scythes and sickles; and the total production of 140 works in the monarchy (not including 34 scythe-factories in Lombardy) amounts to about seven million scythes, sickles, and straw-cutters. Specimens are exhibited various shapes and sizes used in the different countries.

460 DITTRICH, J. Baron, Spital-on-the-Semmering, Styria, Mann.—An assortment of scythes.

461 GATT, A. Kirn, near Kufstein, Tyrol, Mann.—A variety of scythes.

462 GRÄBNER, J. Weer, Valley of the Lower Inn, Tyrol, Mann.—An assortment of scythes.

463 GRÄBNER, J. Fisching, Tyrol, Mann.—An assortment of scythes.

464 HIRSCHER, G. Leonstein, near Stadt-Steyer, Mann.—Various scythes.

465 Österr. BROTHERS, Wolfsberg, Carinthia, Mann.—Different kinds of scythes.

466 PETERS, A. Scheiken, near Mahlgofenstein, Mann.—Scythe, and cloth-cutter.

467 PETERS, J. Mühlen, in the Zillertal, Tyrol, Mann.—Different kinds of scythes.

468 PETERS, T. Kleinhoden, Tyrol, Mann.—An assortment of scythes.

469 WEINHOFER, G. Spital-on-the-Pyhrn, Mann.—Various scythes, of Innerberg, and cast-steel.

470 WEINHOFER, J. Brüthel, Mann.—An assortment of scythes.

471 ZETTLINGER, J. Spital-on-the-Pyhrn, Mann.—Different kinds of scythes.

472 ZETTLINGER, J. A. Eppstein, Styria, Mann.—Different kinds of scythes.

473 ZETTLINGER, J. A. Eppstein, Styria, Mann.—Different kinds of scythes.

474 ZIERER, B. HÜPPE, Mahhof in the Zillertal, Tyrol, Mann.—An assortment of scythes.

475 FEIERBAUM, P. Trofach, Styria, Mann.—Various kinds of picks, hoes, axes, saws, etc.

476 LÒSCHNITZ, Prince F. Miknitz, Styria.—Various kinds of hoes, and hoes.

477 SCHMIDT, J. Neuzeng, near Stadt Steyer, Mann.—Various hatches.

478 DÜBEL, Count, Eisba, Moravia.—Various kinds of iron-tube, and ornamental wire for decoration, etc.

479 ERNST, F. Stadt Steyer, Mann.—Brads (shoe-nails) assorted.

480 FALENZ, M. Stadt Steyer, Mann.—Various kinds of forged nails.

481 RANDZEL, L. Stadt Steyer, Mann.—Iron nails of different kinds, made by machinery.

482 VINKLER, A. Stadt Steyer, Mann.—Brads (shoe-nails) assorted.

483 WEIDL, M. Stadt Steyer, Mann.—An assortment of nails, made by machinery.

484 HALLER, A. Neuzeng, near Stadt Steyer, Mann.—Brass rings of different kinds.

485 KROWOTHEIN, J. Neuzeng, near Stadt Steyer, Mann.—Pincenbeck rings of different kinds.

486 POKER, F. Stadt Steyer, Mann.—German-silver rings of different kinds.

487 KLUG, G. Stadt Steyer, Mann.—Various iron chains for horses.

488 KOLLER, F. Steinbach, near Stadt Steyer, Mann.—Cutty-combs of different kinds.

489 MITZNER, J. Sierlinghofer, near Stadt Steyer.—Shoe tips and heels.

490 KÖNIG, J. Neuzeng, near Stadt Steyer, Mann.—Steel for striking lights, of different kinds.

491 GRÄBNER, F. Malina, near Stadt Steyer, Mann.—Jew’s harps, of brass and iron.

492 SCHWAB, C. Malina, near Stadt Steyer, Mann.—Jew’s harp.

493 SCHWAB, F. Marla, near Stadt Steyer, Mann.—Jew’s harp.

494 SCHWAB, F. Jut, Malina, near Stadt Steyer, Mann.—Jew’s harp.

495 SCHWAB, I. Malina, near Stadt Steyer.—Jew’s harp.

496 BLUMHOFER, W. Stadt Steyer, Mann.—Bells for horses, of different kinds.

497 TÖNNIES, J. Veil, Upper Carniola, Mann.—Bells of various kinds of metal; used among the Alpine agriculturists of Tyrol, Carinthia, and Carniola.

498 FEUERBACH, J. Stadt Steyer, Mann.—Scales (balances) of brass.

499 STOVER, J. Widow, Vienna, Mann.—Sample of pins and needles.

500 CASES, J. Vienna, Mann.—Shot-bags, powder-flasks, powder-measure, percussion-cap cases, hunting-pipe, for-traps, lucifer-match boxes, travelling lucifer-match boxes, writing utensils, &c.

501 BECHERBOCK, J. Stadt Steyer, Mann.—Awls of different kinds.

502 DIETERLE, J. Neuzeng, near Stadt Steyer, Mann.—Awls of different kinds.

503 DIETERLE, J. Stadt Steyer, Mann.—Awls of different kinds.

504 HAESE, J. Stadt Steyer, Mann.—Drills for wood, of different kinds.

505 KRAUS, J. Stadt Steyer, Mann.—Awls of different kinds.

506 KOLZ, J. Stadt Steyer, Mann.—Awls of different kinds.

507 METZ, G. Stadt Steyer, Mann.—Drills for wood, of different kinds.

508 MÖLLER, C. Sierlinghofer, near Stadt Steyer, Mann.—Awls of different kinds.

509 MÜLLER, C. Neuzeng, near Stadt Steyer, Mann.—Awls of different kinds.
448 MOLTERER, G. Stadt Steyr, Mann.—Awls of different kinds.
449 MOLTERER, M. Taubach, Stadt Steyr, Mann.—Awls for shoemakers and saddlers.
450 MOLTERER, V. Neuseng, near Stadt Steyr, Mann.—Awls of different kinds.

451 MÖSTL, P. Neuseng, near Stadt Steyr, Mann.—Awls of different kinds.
452 MÖSTL, F. Neuseng, near Stadt Steyr, Mann.—Awls of different kinds.
453 MAISSER, J. Stadt Steyr, Mann.—Drills for wood, of different kinds.
454 MÜLLER, C. Stadt Steyr, Mann.—A vise and a screw-plate.
455 BUSCH, A. Stadt Steyr, Mann.—An assortment of files.
456 BUSCH, M. Stadt Steyr, Mann.—Files of different kinds.
457 BUSCH, L. Stadt Steyr, Mann.—Files, assorted.
458 BUSCH, J. Stadt Steyr, Mann.—Files of different kinds.

459 BUSCH, W. Stadt Steyr, Mann.—Files of different kinds.
460 BUSCH, A. Stadt Steyr, Mann.—Files of different kinds.
461 BUSCH, F. Steinbach, near Stadt Steyr, Mann.—Files of different kinds.
462 BUSCH, F. Steinbach, near Stadt Steyr, Mann.—Files of different kinds.
463 BUSCH, F. Steinbach, near Stadt Steyr, Mann.—Files of different kinds.
464 BUSCH, F. Steinbach, near Stadt Steyr, Mann.—Files of different kinds.

465 BUSCH, E. Stadt Steyr, Mann.—Files of different kinds.
466 BUSCH, F. Steinbach, near Stadt Steyr, Mann.—Files and forks of different kinds.
467 BUSCH, F. Steinbach, near Stadt Steyr, Mann.—Files of different kinds.
468 BUSCH, F. Steinbach, near Stadt Steyr, Mann.—Files of different kinds.
469 BUSCH, F. Steinbach, near Stadt Steyr, Mann.—Files of different kinds.

500 SCHWERTNER, A. Stadt Steyr, Mann.—Files of different kinds.
501 UEBERROTH, F. Stadt Steyr, Mann.—Files and rasps of various kinds.
502 UEBERROTH, F. Stadt Steyr, Mann.—Files of different kinds.
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521 UEBERROTH, F. Stadt Steyr, Mann.—Files of different kinds.
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543 UEBERROTH, F. Stadt Steyr, Mann.—Files of different kinds.
AUSTRIA.

545 FECHNER, J. Sierlinghofen, near Stadt Steyer, Mann.—Table-knives of different kinds.
546 J. FRUTHERBY, J. Neuseng, near Stadt Steyer, Mann.—Table-knives of different kinds.
547 RAPP, M. Stadt Steyer, Mann.—Table-knives of different kinds.
548 ROMM, J. Steinbach, near Stadt Steyer, Mann.—Knives of various kinds.
549 ROMM, M. Steinbach, near Stadt Steyer, Mann.—Knives of various kinds.
550 RÖSSLER, J. Neuseng, near Stadt Steyer, Mann.—Knives and forks of different kinds.
551 RÖSSLER, L. Stadt Steyer, Mann.—Knives and forks of different kinds.
552 MIKLU, I. Niedorf, Bohemia.—An extensive assortment of knives, forks, and scis- ors.
553 RUFFREICH, G. Stadt Steyer, Mann.—Razors of different kinds.
554 BALKINER, F. Sierlinghofen, near Stadt Steyer, Mann.—Table-knives of different kinds.
555 SCHINDLER, S. Steinbach, near Stadt Steyer, Mann.—Knives of different kinds.
556 WUNDERER, S. T. Steinbach, near Stadt Steyer, Mann.—Pocket-knives of various kinds.
557 STEIRKOFER, A. Stadt Steyer, Mann.—Knives and forks of different kinds.
558 STEIN, J. jun. Stadt Steyer, Mann.—Sissors of different kinds.
559 STÖCKHART, J. Stadt Steyer, Mann.—Knives and forks of different kinds.
560 VOROS, A. Sierlinghofen, near Stadt Steyer, Mann.—Couttey of different kinds.
561 WAGNER, Leopold Stadt Steyer, Mann.—Razors of different kinds.
562 WIPRUMSCHILD, J. Neuseng, near Stadt Steyer, Mann.—Knives and forks of different kinds.
563 WIPRUMSCHILD, M. Sierlinghofen, near Stadt Steyer, Mann.—Knives of various kinds.
564 TETYKLESCHE, J. Untern Himmel, near Stadt Steyer, Mann.—A variety of surgical instruments.
565 BACHNER, F. Stadt Steyer, Mann.—An assortment of shoemaker's tools.
566 GROSSHAUS, A. Stadt Steyer, Mann.—A variety of shoemaker's tools.
567 GROSSHAUS, F. Stadt Steyer, Mann.—An assortment of shoemaker's tools.
568 KLEFFNER, F. Stadt Steyer, Mann.—An assortment of tools of steel, for cabinet-makers, carriage-makers, carpenters, &c.
569 SALLER, J. Stadt Steyer, Mann.—Various tools of steel.
570 WEIGERT, K. Stadt Steyer, Mann.—Tools of steel, assorted.
571 WEIN, K. & Son, Vienna, Mann.—Assortment of cabinet-maker's, cooper's, and carriage-maker's tools.
572 WERNER, F. Vienna and Schellbe, Mann.—An extensive variety of cabinet-maker's, cooper's, carriage-maker's, leather-dresser's, and turner's tools.
573 BUNNER, A. Vienna, Mann.—Samples of compass saws.
574 BARCHER, A. B. Prague.—Embossed silver-ware : cups, goblets, sal-cellars, bread-baskets, oil and vinegar-cases, sets of knives, forks, and spoons; inksstands, &c.
575 GROSSMANN, H. Prague.—Gold trinkets. Set of Bohemian garnets.
576 BARTSCHER, H. Vienna.—A toilet-glass of massive wrought and embossed silver, weighing 133 ounces.
577 WERN, L. Prague.—Set of chessmen wrought in fine silver.
578 BEMO, F. Prague.—Various articles of bronze:

Group of horsemen; two candelabra; cups; centre-pieces; drawing-room lamps, &c.
580 BAEDER, W. Vienna.—Two chandeliers of bronze, gilt, ornamented with porcelain.
581 BOZENHACK, D. Vienna, Mann.—Two gilt bronze candelabra.
582 AXEL, F. Neubergbath, Bohemia, Mann.—A cut mirror, 83 inches high, 43 inches wide.
583 THE MITRANS, MANUFACTURERS, Viehosen, in Lower Austria, and St. Vinzenz, in Carinthia.—A blown mirror, 84 inches high, and 43 inches wide.
584 BOUVER, Count, Schwarzhall and Silberberg, Bohemia, Mann.—Flower vases and inkstands of red hyalite glass. Ettrurian vases, pen-trays, and paper-weights of war\ y hyalite glass. Vases, dinner service, jugs of ruby glass, digrams of chrome-green glass, bottles, coffee-cups, flowerglasses, goblets of white and enamelled porcelain glasses.
585 CHERNAY, P. Prague, Mann.—Glass ware : Flower and chimney vases, fruit-dishes, bottles and flagons, sugar-basins, toilet-bottles.
586 GROßMANN, J. Kreibitz, Bohemia, Mann.—Glass ware : Alabaster flower-vases, centre-piece, flagons with gold ornaments, candlesticks, &c.
588 HESSKRAUT, A. Mariendorf, Bohemia, Mann.—Various glass goblets.
589 HELMICH, F. A. Woltersdorf, Bohemia, Mann.—Glass vases : Flower and chimney vases; butter-dishes; candlesticks; flagons; decanters; sugar-basins, &c. Samples of glass beads, artificial precious stones and bugies.
590 HOPF, W. Prague, Mann. (Agents, J. & K. MCCRACHEN, 7 Old Jewry, London.)—Glass ware: Two large alabaster vases, 7 feet high; other vases, flagons, &c.
591 JANKE, BROTHERS, Blotten, Bohemia, Mann.—Glass ware: Flower vases, goblets, centre-pieces, flagons, decanters, &c.
592 KITT'S, A. V. Hem, Kreibitz, Bohemia, Mann. (Agent, W. MEYER, 13 Walfing St. London.)—Different kinds of glass. Flower vases, with various ornaments.
593 KOCH, K. Katharinenthal, Hungary, Mann.—Goblets, decanters, national cups, liqueur-glasses, &c.
594 LOKS, Widow, & GROßMANN, Debrinak, Bohemia, Mann.—Centre-pieces, flower vases, flagons, cups; wine and liqueur decanters, &c.
595 MERTS, NEFERT, Adolp and Leonorahl, Bohemia, Mann.—Glass flower vases, of various kinds and sizes; centre-pieces, candelabra, sugar-basins, jewel-stands, milk-jugs, jugs, candlesticks, decanters, &c.
596 KOMZ, F. P. Steinschönen, Bohemia, Mann.—Centre-piece, fruit-dishes, sugar-basins, dessert-plates, decanters, &c.
597 FEKLAJ, L. Meisterdorf, Bohemia, Mann.—Glass goblets with cover.
598 VIYAT, B. Langenswald and Benedictich, Styria, Mann.—Assortment of articles of crystal glass. Various coloured, cut, engraved, embossed, and gilt glasses.
599 ZAHN, J. en. Steinschönen, Bohemia, Mann.—A centre-piece, glass goblets, flower-vases, flagons, &c.
600 BILLAGLIA, F. (also LORENZO BILLAGLIA, Venice.—Cast-glass stained window frames. Enamelled stones, artificial precious stones, mosaics of artificial Aventurine for table-tops, and also in separate pieces.
601 BLASCHKA & Sons, Liebenau, Bohemia, Mann.—Pastes, for artificial precious stones, beads, glass buttons, lustre pendants.
602 JANKE, J. Kamaitz, Bohemia, Mann.—Hair ornaments: Breast-pins, brooches, and miscellaneous articles of glass.
AUSTRIA

603 PAULZ, A. Turnau, Bohemia, Manu.—Assortment of artificial stones of glass, cut.

604 PFIFWF, A. F. Neudorf, near Marosen, Bohemia, Manu.—Paste for artificial precious stones, of different colors and designs.


607 RANZ, P. Gabloung, Bohemia, Manu.—Assortment of beads, glass buttons, and artificial stones. Rings and ear-rings, breast-pins, hair-pins, brooches, figons, &c.

608 SCHWIRZ, A. Vienna, Manu.—Artificial human eyes of glass.

610 SPIETZKE, V. Liebenau, Bohemia, Manu. (Agent, C. Holland, 41 Finsbury Circus, London.)—Beads, pins and hair ornaments; bead necklaces, and other articles in glass and jewellery. Sample-book with drawings of chandelier drops, light roseettes, figons, &c.

611 SMIRK, A. Vienna and Pesth, Manu.—Bricks, roofing-tiles, and other articles in glazed and earthenware clays, from Ingovz, near Vienna, and Takos, near Pest. Hollow bricks for building arches, made by machinery.

612 PAPF, A. jun. Theresienstadt, Manu.—Various samples of clay tobacco-pipes.

613 HANZ & MARECHL, Aissig on the Elbe, Bohemia, Manu.—Syderite ware: Flower-vases, baskets, figures, fruit-dishes, tier-tables, candlesticks, jugs, centre-pieces, &c. of clay.

614 HOFFKER, V. Wien (Widow), Bohemia, near Zeltitz, Bohemia, Manu.—Terraclite ware: Flower-pots, centre-pieces, cups, milk-jugs, &c. of clay.

615 SCHILBERG & GERRING, Bodenbach, near Tetschen on the Elbe, Bohemia, Manu.—Syderite ware: Centre-pieces, flower-vases, hunting and wine jugs, inkstands, butter-dishes, tea and coffee pots, &c. of clay.

616 IMPERIAL PORCELAIN MANUFACTORY, Vienna.—Vases; dinner service; fruit, bread, and ice baskets, of porcelain. A table and various paintings.

618 BAGATTI, V. Milan.—Two encaustic paintings on porcelain.

617 FISCHER, F. Fliesenhammer, Bohemia, Manu.—Dinner, tea, and coffee services, vases, toilet services, inkstands, fruit-dishes, figures, &c. of porcelain.

618 FISCHER, M. Hereford, Hungary, Manu.—Vases; dinner, tea, and coffee services; candlesticks, &c. of porcelain.

619 HASS, F. Schlaggenwald, Bohemia, Manu.—Vases, tea and dinner services, fruit-baskets, &c. of porcelain.

620 HOLEINGEAR SISTERS, Elbogen, Bohemia, Manu.—Dinner, coffee, and tea service, portable service, tea-caddy, bread-baskets, writing materials, milk-pots, &c. of porcelain. Chemical apparatus of porcelain.

621 HARDMUTH, L. & C. Budweis, Bohemia, Manu.—Dinner services; coffee and tea services of earthenware. Karshewaia vessels, for chemical manufactories.

622 HUBNER, J. Gabloung, Bohemia.—Porcelain pipes, bowls, painted. A painting: Vienna, the Roman general, throwing himself upon his sword in the Tusciano forest.

623 KIRKEL & Co., Prague, Manu.—Vases, dinner, tea and coffee services, figures, busts, inkstands, &c. of porcelain.

624 VON MUNZTER, Count S. Frain, Moravia, Manu.—Vases, centre-pieces, coffee and tea pots, plates, chamber candlesticks, &c. of earthenware.

626 NOWOTNY, A. Alt-Rohan, near Carolbad, Bohemia, Manu.—Tea and coffee service of stoneware. Vases, flower-pots, dinner and coffee sets, and figures, of porcelain.

626 PORTINER, A. P. & Son, Unter Kodau, Bohemia, Manu.—Porcelain centre-piece and dinner service; tea and coffee services, bread-baskets, dessert-plates, vases, and inkstands. Assortment of figures, &c.

627 QUAST, J. Prague.—Painted porcelain vase and plate. A painting, representing The Last Judgment.

628 SACHS, J. Vienna.—Painting on porcelain: Madonna, from Carlo Dolce.

629 RATEA, W. Vienna, Bohemia, Manu.—Two sets of chemists' and druggists' shelves and drawers.

630 COLOMBO, G. Milan, Manu.—A round inlaid table.

631 GAETZ, F. Vienna, Manu.—Closet of ebony, with ornaments of stone mosaic. Work-box, with malachite and ivory ornaments.

632 KITTEL, J. Vienna.—Billiard-table, with balls and cues.

633 KUPFLER, C. & Co., Vienna, Furniture and Inlaid Flooring Manufacturers.—Specimens of inlaid floors for various apartments, executed from drawings by Mr. Bernardo de Bernardis, the architect of the manufactory.

634 LIECHNER, F. Vienna, Manu.—Feutrel of walnut, Oak balsam seat.

635 MERTENS, R. Varese, Lombardy, Manu.—Oblong square table, with inlaid work representing Napoleon crossing the Rhine. A prie-Dieu, with inlaid work. Various specimens of cornices in marble.


637 PALMAGGER, V. Vienna, Manu.—Work-table. A walnut beak, inlaid.

638 REITTER, F. G. Vienna, Inv.—Model of a ship.

639 ROANT, F. Brecla, Manu.—A secrétaire of American mahogany, with inlaid work. A small inlaid table.


642 KLANZER, F. vienna, Manu.—Different kinds of fancy cabinet work: Tea-caddles, sugar-boxes, work-boxes, reading-desks, travelling looking-glasses, candle-escutcheons.


644 HOFLICHTER, C. Reichenau, Bohemia, Manu.—Papier-mache tobacco-boxes; spice and sugar-boxes; sewing-cushions, &c.

645 BESS, C. Prague, Bohemia, Pat. & Manu.—A column, a pedestal, and a box, as samples of artificial marble. Samples of gilt wood, which will bear washing.

646 APEL, F. Vienna, Manu.—A flower-screen of bamboo and cane. A stand for a figure and flowers.

647 FRAHNTECH, A. St. Wolfgang, Ischel.—Flower-tables.

648 MEYER, G. Krems on the Danube.—A wall-basket of various kinds of bark.

649 PAULER, J. & Son, Vienna, Gilders.—Picture-frames; boxes; gilt-wood.

650 POHL, A. Vienna, Gilder.—Prie-Dieu altar in old gothic style.

651 SPERLING & ZIMMERMANN, Vienna, Manu.—Paper-hangings, ceilings, and borders, Illustrations of machinery and parts of machinery, for the use of schools. Paper-hangings, prints.

652 KOPF, J. Widow and Son-in-law, Vienna, Manu.—Toys of paper, wood, metal, &c.

653 KOPF, F. Vienna.—Toys of wood, metal, paper, &c. Musical boxes.

654 MÜLLEN, C. A. Oberleutenendorf, Bohemia, Manu.—Toys of paper, wood, metal, &c.
AUSTRIA.

656 Purker, J. B. Gröden, Tyrol.—Carvings in pine, lime, maple, &c., such as lay figures, from the smallest to the largest size. Figures and toys.


657 Tandler, S. Zinnwald, Teplice, Bohemia.—Spectacles of straw plaiting and straw flowers.

658 Kumpf, L. Schlickman, Bohemia, Mann.—Wicker table mats (spadrilles), hats, &c.

659 Wünsche, A. Altenhain, Baden-Vienna.—Wicker table-mats (spadrilles). Chip cups, &c.

660 Balzer, M. Baden, Vienna.—Scented so. Cherry tubers for tobacco-pipes, sticks, &c.

661 Lang, F. Vienna.—Oderiferous cherry-tubes for tobacco-pipes, sticks, &c.

662 Pätzisch, A. Sou, Theresienfeld, Mann.—Oderiferous cherry-sticks for tobacco-pipes.


665 Akker, J. Vienna, Mann.—Mother-of-pearl buttons.

666 Asthath, C. Vienna.—Cigar-holders of meerschaum and amber.


669 G. M. Stadt Steyer, Mann.—Styrian tobacco-pipe bowls of wood.


671 Friedrich, J. Vienna.—Cigar mouth-pieces of meerschaum, and amber with letters, figures, &c.

672 Grauer, J. W. Repl. Prague.—A meerschaum pipe; cigar mouth-piece; cigar-pipe.


674 Grundhöfer, W. Prague, Bohemia, Mann.—Meerschaum pipes and cigar mouth-pieces.


676 Intanger, M. Stadt Steyer, Mann.—Styrian hunting tobacco-pipes, bowls of wood.

677 Kranz, J. Vienna.—Pocket ink-stands, of various kinds of wood. Pen-holders of bone and wood; and similar turnery.

678 Lützcke, C. Vienna.—Cigar-holders of meerschaum, amber, wood, horn, &c. Tobacco-pipe tubes and mouth-pieces.

679 Franz, L. Vienna.—Various kinds of walking-sticks, of wood, cane, &c. Walking-stick pipes.

680 Nagler, L. Vienna.—Cigar-mouth-pieces of meerschaum and amber. Tobacco-pipe tubes.

681 Pfeiffer, L. Vienna.—Different kinds of walking-sticks, of bone, walnut, cane, &c.

682 Pfůzner, F. A. Vienna.—Cigar-holders of various kinds of wood, horn, bone, and cocoa-nut.

683 Severs, C. Vienna.—Meerschaum and amber cigar mouth-pieces.

684 Schwartz, J. Vienna.—Medallions, pen-holders, needle-cases, thimbles, paper-knives, ink-stands, scissors, walking-sticks, and similar articles of mother-of-pearl.

685 Taftz, A. Vienna.—An assortment of walking-sticks, of bardin, whalebone, cane, snake-wood, with carved and engraved handles of stag-horn, ivory, silver, &c.

686 Wottrich, J. Vienna.—Pipe-tubes of wood, of various kinds.


688 Pfeuschke, A. Vienna, Pat. & Mann.—Elastic tobacco-pipe tubes of various kinds, made by machinery.

689 Beermann, M. Siering, Stadt Steyer.—Rules, of various kinds.

690 Bühler, P. Stadt Steyer.—Rules, of various kinds.

691 Topor, J. Prague, Bohemia.—Rules, of various kinds.

692 Tyrka, J. Vienna.—Sticks for umbrellas and parasols, and mountings for the same.

693 Zanda, J. Vienna, Turner.—Sticks for umbrellas and parasols, and mountings for the same.

694 Herd, J. B. Vienna, Mann.—Silk umbrellas and parasols.

695 Rademacher, C. Vienna, Mann.—Silk umbrellas.

696 Ryter, N. Vienna.—Hair-powder, chignon combs and brushes of horn, tortoise-shell, and ivory.

697 Kratschmann, M. Vienna, Pat. & Mann.—Agent, M. L. Kanitz & Sons.—Horn buttons for coats, waistcoats, trousers, &c.

698 Matzen, W. Vienna, Mann.—Cost, waistcoat, and shirt buttons, of mother-of-pearl and hoof-horn, in various forms and colours.


700 Buzges, J. Vienna, Mann.—Artificial flowers of various kinds.

701 Schlatter, H. Vienna, Modeller.—Various kinds of wax figures and artificial flowers.

702 Spalding, Palatini & Co. Venice, Mann.—Twenty-five specimens of assorted masks.


704 Kasemann, J. Vienna, Sculptor.—Three statuettes of Carrara marble, representing: A Shepherd, a Flower-girl, and Hebe with the Eagle.

705 Max, R. Prague, Sculptor.—A group, in white Carrara marble, representing: Zagar and the son of Mercury.


707 Benedetto, Milan, Prof. Sculptor.—A boy in a flower-basket.

708 Coccia, L. Milan, Sculptor.—Statue in marble: The Virgin.


710 Scarpelli, G. Milan, Sculptor.—Statue in marble: The wounded Achilles, and David slinging the stone.

711 Galli, A. Milan, Sculptor.—Three statues in marble: Susanna at the Bath; Jephtha's Daughter; and A Youth on the Sea-shore.

719 Gonzales, P. Milan, Sculptor.—Statue in marble: Ismael, the son of Hagia.
714 Mann, P. Milan, Sculptor.—Group in marble: The first steps.
715 Matthei, G. Milan, Sculptor.—Group in marble: Nereides at the Fountain.
716 Marchesi, L. Milan, Sculptor.—Group in marble: Brides bitten in the foot by a Snake.
718 Motella, M. Milan, Sculptor.—Group in marble: Cupid's Vintage.
722 Sangiovese, A. Milan, Sculptor.—Statue in marble: 1 A soul returning to Heaven. 2 Hermes. 3 Head of the Redeemer. 4 An historic Poet.
724 Gott, B. Carlsbad, Bohemia.—Two colossal vases of Carlsbad china, executed by Knoll Brothers, of Carlsbad, each 2 ft. 9 in. high, and 1 ft. 7 in. diameter.
725 Bewmoff, G. Milan, Sculptor.—A mantelpiece in marble with eight figures.
726 Bottelucci, G. Milan, Sculptor.—One marble mantelpiece and one of granite, richly ornamented. Model in plaster of a mantelpiece.
727 Bottelucci, L. Milan, Sculptor.—One mantelpiece of marble and one of granite, with sculptures.
729 Scaccetti, J. Peschiera, Hungary.—A copper embossed tablet on the facade of Henry Kirck. The artist, who is self-taught, was compiled on this work five years. Piece representing the Indian King Pors taken prisoner by Alexander the Great.
730 Petrowits, D. Vienna, Inv. & Sculptor.—Fifty-three medallions cast in a metallic composition by a newly-discovered method.
731 Ciasa, D. Milan, Sculptor.—Three portraits of S. R. Vescovai, A. Bassani, and Bertini, chiselled in the style of Benvenuto Cellini.
732 Fraenzer, G. B. Milan, Engraver.—A figure, with four medallions in wax and bronze.
733 Zaffarelli, G. Brescia, Engraver.—Various portraits and dies. Embossed wood, rings; sample-book.
734 Bonzi, L. Milan, Painter.—A lay figure (artist's model).
735 Diebler, C. Vienna, Engraver.—Various engraved specimens on wood and metal.
737 Bertini, G. Milan.—Great painted window, representing: Dante and some of his Ideas.
739 Vogel, C. F. Milan.—Photographs.
740 Pucher, J. Velde, Upper Carniola. Inven.—Photographs on glass, a new discovery.
741 Bongiovanni, B. Vienna, Sculptor.—Design for a candelabrum.
742 Hartmann, L. Prague, Pat. Designer.—Various designs for prints.

743 Hardman, K. & Co. Botsen, the Tyrol.—Various samples of fancy silks.
744 Fossa, J. Vienna, Mann.—Grand pianoforte of rosewood and carved ornaments, seven octaves; Vienna mechanism.
745 Scuffier, E. Vienna, Mann.—Piano pianoforte of rosewood, with built-work and transposition mechanism, from designs of the architect Bernardo de Bernardis, in Vienna. Two bronze ornaments by A. Hörübeck, Vienna.

BELGIUM.

1. Gullar, J. A. Bohumila (Luxembourg).—Sample of bones.
2. Otte, J. Vieselm (Luxembourg).—1, 2, 3 bones of different sizes.
3. Lamert, C. Vieselm. Samples of bones.
4. Ottewald, F. J. Vieselm. Samples of bones.
5. Collin, P. J. Berhin (Luxembourg).—Slate pencil, slate stones, slate for roofs.
11. Elvin, F. Namur.—Safety lamps (Elvin system), large and small models. Trimmed glasses for lamps. Apparatus serving for lamps.
12. Tournelle, —, Bonneville (Namur).—Samples of china clay.
14. Gaity, Baron E. de, Weisen (Namur).—Samples of china clay.
17. Société des Fonderies, Namur.—Samples of pyrites (bi-sulphure of iron). Samples of galena. Samples of acetic lead.
18. Ferrand & Minyru, Courint (Bouillon et Liège).—Specimens of iron and iron ores.
22. Compagnies des Mines et Fonderies de Bliesberg, Montagne (Liège).—Samples of galena and blende. Pig of lead.
23. De Hanfett, Liège.—Iron ore.
24. Minkelor, B. L. Liège. Two safety lamps for mines.
25. Lamonte Brothers, Stavelot — Eighty samples of wheat stones, of different sizes.
26. La Société des Mines et Fonderies de Zinc de la Villesse Montague, Liège.—Specimens of zinc and other ores, and metals, and chemicals.
27. Société des Mines de Char-
BELGIUM.

59. De Quydt, Madame, Popernigh.--Hops.
60. Van Meir, Madame, Popernigh.--Hops.
61. Delbrée, Madame, Popernigh.--White winter

64. Waver, J. Brothers.--Dinant cakes, called "Couque de Dinant."
65. Billaud, L. Menin (West Flanders).--Tobacco in leaf, called "Wervicq."
66. Pleinden, J. F. Menin (West Flanders).--Parcels of snuff; parcels of tobacco.
68. Bocken, Hulst & Co. Lîge.--Blue starch and white starch.
69. Van Buren, Miss, Bruges.--Bolited and unboiled potato flour.
70. Peeters, Le Chevaller E. Ostcamp (West Flanders).--Several species of wheat; samples of rye, summer barley, and buck wheat.
71. Béhety, -- Rumbeke (West Flanders).--Winter barley, rye, wheat, brown and white oats, and buck wheat.
72. Willem, -- Hasselt.--Samples of wheat grown in 1850, rye, spelt, barley, oats, and buck wheat.
73. Blyckelaer, G. Térinsem. --A sack of potato flour, farina.
74. Verschoo, L. Ypres. --Belgian tobacco, called "Wervicq."
75. Labroue, A. Wervicq (West Flanders).--Belgian tobacco, called "Wervicq."
76. Clohies, Ghent. --Candied and other sugars.
77. Van Camp, L. L. Zèze (East Flanders).--Two cakes of native linseed.
78. Bross & Co. Lokeren. --Samples of peeled flax.
79. Vandebrakker, F. Brussels. --Vegetable oil purified for lamps; linseed oil purified for painting.
80. Claus, L. Brussels. --Vegetable oil purified for burning.
81. De Meyers, C. Forrest, near Nelle (Brussels).--Samples of raw and hose silk.
83. Leclercq, J. F. Longchamps (Namur).--Samples of flax steeped and refined.
84. Riaut, A. Dinant. --Glue.
85. Debrae, D. Ghelneac (West Flanders).--Samples of peeled and green flax.
86. Verhoytem Brothers, Courtrai. --Oil cakes. Cakes of linseed.
87. Debrée, Dela Croix, Courtrai. --A bottle of cabbage oil. The same purified.
89. Hannotte Delloye, H. G. Hong (Lîge).--Samples of glue.
90. Botters, P. Adria Kere (West Flanders).--Mineral manures.
91. Lavalette, De Moor, Bruges. Peeled flax, steeped green. English mark N.
95. Declercq, P. T. Antwerp. Samples of copal varnish.
96. Van der Schenck Brothers, Antwerp. Samples of artificial wool.
for measuring inaccessible distances. Invented by the exhibitor.

145. Neyt, A. Ghent.—Drawing showing the plan of an artillery battery for firing, at pleasure, either directly or obliquely, applicable to frigates and coast batteries.

146. Montfort & Funsoy, Brussels.—Three infantry guns (Montigny system).

147. Dufoix, — Neufville (Hainault).—A plough, patented.

148. Donets, J. B. St. Leger (Luxembourg).—Ploughs, with patent milestone.

149. Le Dotte, H. Hengra.—Gardening implements.

150. Verrier, E. Nevilles.—Plough, called "tourneoireille.""}

151. Canez, P. Lembeon (Brabant).—A Scotch seed-bag. A cast-iron roller, for rolling arable lands.

152. Bucher, M. Brussels.—A mill for agricultural seeds on a movable waggon. Invented by the exhibitor.


155. Tzeyt, B. Huy (Liège).—Winnowing-machine for corn.

156. Van Maze, — Thielt (West Flanders).—Double ploughs, patented.


158. Beckmann, J. Blaeselt.—A Flemish plough.

159. Dumolins, G. Anthoine (Liège).—A Belgian and other ploughs, and agricultural implements.

160. Valentin, B. Author, Brussels.—A treatise on the manufacture of iron.


163. Malhison, C. Brussels.—Contrabass, violoncello, bugles, bass ophicleide, trombone, horn, trumpets, bugle-horn, clarinetts.

164. Sartemies, F. Brussels.—Six and three quarters and seven octave-upright pianos.


166. Colonel Demont, Izelle (Brabant).—Machine for converting rectilinear into curvilinear motion.


168. Sternberg, L. Brussels.—Cabinet piano.


171. Depenadour, J. B. Fontaine L'Evêque.—Level for levelling roads, etc. Compases. Anemometer.

172. Latour, A. Sulpice.—Spectacle and other glasses.


175. Champagne, — Donnettes, Hainault.—Mechanical hand and arm, and made by the exhibitor.

176. De Pauw, — Brussels.—Three pianos.


178. Cantuy, N. Rethaix (West Flanders).—Checks and stripes; cotton checks; Roman and Madras handkerchiefs.

179. De Berault, Dr. Carmo, A. Fermonde.—Cotton blankets.


181. Tanneau, D. St. Nicholas.—Worked cross barred flannel; fancy flannels; woollen stuffs called gala plaids.

182. Smotis, J. Verviers.—Seven pieces of smooth cloth. One piece of black satin-de-laine. Two pieces of light black cloth.

183. Boisley de Louy, Verviers.—Several pieces of smooth cloth, casimere, tweed, satin Berne.

184. Dubois, G. & C. Verviers.—Winter and summer stuffs for trousers; fancy flannels; woollen stuffs.

185. Sartoir, E. — Satin-de-laine; double warped cloth; light cloth; coloured cloths.

186. Leond, D. Verviers.—Four pieces of cloth.

187. Freune & Duesberg, Verviers.—Satin-de-laine and beaver cloth.

188. Ponon, T. Francmomont.—Satin-de-laine and sephyr cloth.

189. Olivier & Co. Verviers.—Silk cloth for livery; double-warped black cloth; blue and bronze cloth.

190. Smotis, C. J. Herme (Liège).—Pieces of sephyr and smooth cloth, woolen Cashmere, and satin-de-laine.


193. Van der Straeter, A. C. Liège.—Pieces of woollen stuffs, called "Black Cashmere," "Satin-de-laine," and "Satin-de-laine Marengo."

194. D'Hout, J. Roulers.—Various pieces of satin.


196. Dubelaer, H. Ghent.—Six pieces of unbleached linen.

197. Aerts Berze, R. Ghent.—Flax sail-cloths; tow linen; flax linen for sheets; ordinary and common linen. Linen for bleaching fine.

198. Fyn & van Peetz, Tamise.—Samples of hemp thread, and hemp specially made use of for shoemakers' thread.

199. Wilser, W. Tamise.—Sail-cloths.

200. Cooxman, A. J. Bebecq (Rognon).—Samples of flax thread, made use of for the groundwork of Brussels lace. Samples of thread for lace.

201. Verscheut, F. Debyckx, near Courtrai.—Raw, retted and becketted flax and linen.


204. Benthelet & Boute, Courtrai.—Flax thread made by hand, called "fil de maquinerie."

205. Duvalas, C. Courtrai.—Unbleached and bleached damask napkins. A napkin with the portrait of H. M. the King of the Belgians.

206. Demerlant, P. F. Courtrai.—Flax thread of various kinds.

207. Van Oost, P. Hooghelede.—A piece of linen.

208. Thibac-Accou, — Issenheim (West Flanders).—A piece of white linen spun and woven by hand, having 7,000 threads in the warp.

209. Doucet, W. Roulers.—Bleached and unbleached linen, Orleans, alpaca, and parmasan.


211. Desmaintel, E. Mouslelede (West Flanders).—Skirts of flax thread spun by hand of and above No. 500.

212. Hartog Brothers, Mechelir.—Pieces of Russian linen.
238 Van Nuffel & Coster, Antwerp.—Curtains for painting. Oil-cloth carpet.
239 Board of Directors of the House of Correction at St. Bernard, Antwerp.—Pieces of white Russian and cream-coloured and other linens.
240 Van Boeckel, Turnout, Antwerp.—Tickings.
241 Van Hoorne, C. Zele (East Flanders).—Sail cloths made of hemp, thread, and waste hemp.
242 Bongaert, F. A. Antwerp.—Linen bags without seams; shooting pouch without seams.
243 The Ghent Herring Company, Ghent.—Flax, tow, and thread.
244 Mokma, V. L. Ghent.—Unbleached flax linen.
245 Demedtl, B. Alost.—Unbleached linens.
246 Decker, T. Alost.—Cambrian handkerchiefs, napkins, table-cloths, unbleached and bleached linens, blinds, and carpet.
247 Elskamp, C. Alost.—Bundles of Lisle thread for sewing (dyer's colours), and a collection of knitting thread.
248 Coudert, D. Alost.—A collection of sewing threads, white and coloured.
249 Van Leyden, J. C. Zele (East Flanders).—Sail cloths for ships, made of hemp thread, spun by hand.
250 Gommer, L. Termonde.—Flat hemp cable; flat wire cable.
251 Boppelaer Geerwich, J. Zele (East Flanders).—Pieces of sail-cloth made of waste hemp, woven by hand.
252 Demarais, H. Courtrai.—Pieces of worsted ticking and unbleached linens.
253 Lemair, De Daems, & Pleyart, Tournay.—Stuff for trowsers.
254 Gilson & Bostert, Tournay.—Various pieces of cotton and flax thread stuffs (plain and fancy) for trowsers.
255 Soulange, Courtrai.—Woolen thread and cotton for trowsers and petticoats.
256 Leman, Tournay.—Stuff for trowsers, &c.
258 Cattreaux Brothers, Brussels.—Stuff for trowsers; cotton flax thread; cotton and flax thread, and cotton and wool.
260 Van Daele, Brussels.—Various stuffs for trowsers: wool and cotton; cotton and flax thread.
261 Scheltehove, L. Courtrai.—Fine cotton stuffs, and cotton flax thread for trowsers.
262 Vandenberghe, J. Courtrai.—Cotton stuffs; wool and cotton stuffs; cotton and flax thread stuffs.
263 Houdin & Lamberth, Brussels.—Varnished calves' leather for boots and shoes.
264 Taillet, Y. Brussels.—Boot and shoe leather.
265 Van Malle, E. Asche.—A plough horse-collars.
266 Lademann, L. Brussels.—Harness, saddles, &c.
267 Blankers Hof, B. Vilvorde, near Brussels.—Horse-hair and alp-fibre stuffing for furniture. Alp-fibre stuffs, both sides alike. Table-cloths and napkins, &c. Samples of pigs' bristles prepared and bleached for painting brushes.
268 Wevers, G. Brussels.—Leather purées and cigar cases.
269 Weverwey, T. Brussels.—Drawing-room fur carpets. Furred cloaks. Foxes stuffed so as to serve for stock sorts.
271 Lombaert, J. B. Jette St. Pierre (Brabant).—Varnished calfskins for boots and shoes; skins of different colours for boots and shoes.
272 Bachman de Bara, A. Namur.—Tanned skins for soles, and pump buckets.
273 Carc-Feverier, F. Namur.—Boots, buskins, shoes, &c.
274 Van Troostenburg, Brussels.—A pair of shoes without soles.
275 Someux Mahy, L. Liège.—Brushes for waxing and tallowing floors; sweeping brushes, and horse brushes. Patented. Samples of pigs' bristles; horse hair, tails, and manes.
276 Bomvry, A. Liège.—Grey and polished calfskins.
277 Masson, C. Huy (Liège).—Sole leather.
278 Smeets, J. Liège.—Brush for cannon. Brushes of several sorts.
279 Vanstraalen, J. Hasselt (Limbourg).—Gentleman's and lady's saddle canvas.
280 Kistemakers, H. Antwerp.—Horsehair stuffs for seizes, and dyed horse hair.
281 Van Allewet, E. L. Ypres.—Leathers tanned and curried. Barrels, for the manufacture of leathers.
282 Dreuze, E. Ghent.—Natural and dyed skins.
283 Drawing of a machine for preparing leather.
284 Heeselt & Bros, Ghent.—Dyed and tanned rabbit and goats' skins; dyed and prepared dog's skin.
285 Vandenhoeck, Ghent.—A pair of varnished calf leather top and other boots.
286 Casterman, J. & Son, Tournay.—A collection of typographical works.
287 Hartaey, M. Brussels.—Typographical works.
289 Parent, T. J. F. Brussels.—Album of fruits.
290 Lesigue, T. Brussels.—Typographical works: General statistics of the population of Belgium. Agricultural statistics of Belgium.
291 Ziegler, E. Brussels.—Sealing-wax.
292 Tardet, E. Brussels.—Envelopes for letters.
293 Wesmael, Lebbe, A. Namur.—Roman missals.
294 Roman breviary, 2 vols. 4to, printed in black and red.
295 Henry, P. Dinant.—Printing paste-boards.
297 Hantoc, P. J. Mechin.—Books of Roman Liturgy, printed in red and black.
298 Glenisson & Van Leewening, Turnout.—Marbled, plain, and coloured paper. Prints. Cards.
299 Idiers, N. J. Brussels.—Dyed cotton threads, pink and lilac. Patches of different shades, Andrinople red, madder red, and bright red. Six pieces of calico dyed in Andrinople red.
300 Dietius, J. B. Brussels.—Printed shawls.
303 Servaes, J. B. Louvain.—Blue dyed cotton and linens.
304 Thillau, S. Teugem (West Flanders).—Coloured linen, for smock frocks and gowns.
307 Servaes, M. T. Alost.—Printed cotton stuffs for handkerchiefs, cravats, gowns, &c.
BELGIUM.

299 VERDONCK, B. C. Tourna. — Wilton carpet, representing the ancient cast of arms of the Netherlands and divers allegories.


300 LEMAISTRE, C. DeMOL, & Co. Brussels. — Laces for furniture and dress, tassels and curtain bands, and ornaments for window curtains, &c.

301 BAY, C. F. Brussels. — Worked by needle: pocket-handkerchiefs, gothic flowers, part of a scarf, flowers, collar, and scarf.

302 MELOTTE, E. Brussels. — Embroidered flag.

303 VAN Halle, J. Brussels. — Church ornaments and Brussels lace.

304 ATELIER DE NOTRE DAME, Brussels. — Imitation of Brussels lace, gauze ground: Berthe, handkerchiefs, &c.

305 DE LAHAYE, A. (successor to A. Ducplante & Son), Brussels. — Brussels lace applied to real ground lace, comprising scarfs, &c., &c.


308 Hauke, J. B. Brussels. — Three veils from Florence, one Casamaya, and a half-shawl Brussels lace, application and needle point.

309 REALLIN, Miss, Brussels. — Brussels point lace handkerchiefs, flax thread, ground worked by needle.


311 ROYAY, L. Brussels. — Real Brussels lace dress and imitation lace.

312 VANDERKAMEN, VAN OVERLOOF, Brussels. — Two Brussels lace pocket-handkerchiefs and one head-dress.


314 DURAND, B. Brussels and Ypres. — Valenciennes and Brussels lace.

315 VANDERKAMEN, P. Brussels. — Imitation scarf, flounces, handkerchiefs, caps, headdress, specimens, scarfs, and berthes.

316 DEPRENI, SOPRIO, Brussels. — Brussels lace handkerchief. Berthe and head-dresses and lace collars.


318 WATSON, F. sen. Brussels. — Pieces of table ground work, for Brussels lace, of English thread.


320 VIOLARD, G. Brussels. — New designs for lace.


322 BRUSSELS WORK-OF-ART OF ST. JOSEPH, Verviers. — Collar and ruffle made of Flanders gipure. This lace is the reproduction of the old English gipure.

323 EMBROIDERY WORK-SHOP OF SWEPPEN, Director, Mr. DERMUYT, Sweyghem, West Flanders. — Embroidered cambic handkerchiefs. Beads, &c.

324 BECK & Son, Courtrai. — A collection of Valenciennes lace.

325 DE LAIREY-PELET, JEAN, Courtrai. — Three small pieces of Valenciennes lace.

326 BERNAERT & DE COUPER, H. Courtrai. — Seven pieces of Valenciennes lace.

327 VAN STRANDENBERGH, Director of the Poor School, Brussels. — Valenciennes lace. Two lace collars.

328 BOUSSON DE VILLEGRAIN, M. Brussels. — Two flounces for gowns made of lace.

329 DANTINELLES, & MONCEY, Brussels. — Embroidered tulle collar, head dress, veils, handkerchiefs, &c.

330 TOLEMAN, THERESE, Miss, Brussels. — Seven pieces of lace.


333 VAN HIER, Miss, Antwerp. — A Mechlin lace headdress, collar, and veil.


335 FAUGER, M. Antwerp. — Shawl on a foundation of lace tulle. Handkerchief and flounces on tulle.


337 HAMMERSHIA, F. H. Ypres. — Assortment of Valenciennes lace.

338 FLOREINTIN, E. Ypres. — Assortment of Ypres lace, called "Valenciennes."

339 VAN LOG, E. J. & F. Ghent. — A black lace shawl, needlework.

340 FLETTIFF, Madame MABILDE, Ghent. — Flounces of Brussels application.

341 HAKK, J. T. Estelberghe, near Ghent. — Brussels application veil on real lace.

342 FREUNITZ, L. Westerlen, East Flanders. — Carpets, oriental style. Table-cover. Worsted rug.

343 VAN NIEUWENHOF BROTHERS, Louvain. — Silk and beaver hats, ordinary, military, for priests, &c.

344 ANKERS, T. Eekhoudt. — Beaver hats.

345 VAN BEEKHER, B. Brussels. — Stays without seams.

346 VAN BEEKHER, Brussels. — Stays.


348 HEBEL, C. Brussels. — Leather gloves.

349 BERGER, Madame, Brussels. — Stays.

350 DE KELLELMER. — Bruges. — Collection of wooden shoes of all sorts, elegant, for domestic use, &c.

351 LUYKET, L. Brussels. — Escutcheon, military, and ordinary beaver hats. Silk hats.

352 MONTROZIER, P. J. Namur. — Table and dessert knives, and carving knife and fork, with silver ornaments.

353 DREYN, C. Gosselets. — Samples of nails made by hand.


355 VAN DER CARM, J. A. Brussels. — Zinc vessels.

356 PUSSART, F. Cour St. Etienne (Brabant). — A wrought-iron crucible, made in use of mints.

357 COS, J. Brussels. — A strong box.

358 DEHON, P. Brussels. — Samples of nails, called "souls de Paris."


361 DE BAYAT, F. Brussels. — Samples of nails, called "pointes de Paris," made of fine brass and copper wires.

362 MARCHAL, D. Brussels. — A laminated iron sleeper,
BELGIUM.

with cast-iron chair, for railways; new model of chair. Patented.


365 DE ROESE, Baron A. Moulin, Namur.—Brass candlesticks, deep wide pans, "neapolitan", and sarapoans.

366 MONTCHER, F. A. Andenne (Namur).—Six ingots of cast-iron for gun-barrels.

367 SEVERIN, B. Becquefort.—Nails for floors, skates, &c. and for the heels and soles of shoes. Expeller and other books.

368 AMAND, J. Emile sur Biert (Namur).—Bars of iron for gun-barrels, war-arms, breeches, &c., and cast-iron.

369 BAYOTT, F. Director of his Most Serene Highness the Duke of Arenberg's Establishment, Marche les Dames (Namur).—Samples of iron ore and cast-iron. Pieces of castings from A to AA.

370 The Prince of Chimay, Chimay.—Bars of wrought iron made by charcoal, specially made use of for fire-arms and weapons.

371 REMACLE, J. & PIRIARD & Son, Liège.—Several sheets of polished sheet-iron, prepared with wood.

372 OZIO, J. M. & Son, Liège.—Sheet-iron, wheel tires and laminated bars of iron prepared with wood.

373 LAMBERT, T. Herestal.—Collection of bits for saddle and carriage-horses.

374 ST. LEONARD COMPANY, Director, Mr. Regular Poncet, Liège.—Specimens of cast-steel. Bars of wrought iron. Various blades.

375 PERRIS, J. F. Liège.—Brass cock, with curved mouth-piece; the same, straight, with hidden spring.

376 DELLOL, M. C. Huy (Liège).—Sheet-iron and sheet-steel for locks and hardware.

377 CHAUDIER, C. H. Liège.—Brass tubes, made without solder, for boilers of steam-vessels, &c.

378 MAQUINAY BROTHERS, & NEPHEW, Liège.—Samples of Belgian iron nails made by hand.

379 GILAT, J. J. Liège.—Spirits, nose-bands, bits, and stirrups.

380 DELAIRED, Mad. F. Chatellet (Hainault).—Various sorts of nails wrought by hand.

381 LUNGUETTE, F. Gosselers (Hainault).— Samples of wrought iron nails.


383 JULIN, N. Liège.—Cameos. —  —  —  —  —  —  —

384 FALLON, J. Liège.—Steel shield, iron and silver-gilt drinking-cups, steel bracelet, iron vase, steel pins, &c.

385 MICHILLIS, J. Anvers.—A plaster statue, coated by electrolyte process, representing H.R.H. the Princess Charlotte of Belgium.

386 BRODER, C. Brussels.—Cut glass pyramids for lampas.

387 CAPPELLERMAN, J. B. Brussels. —Dinner-service, composed of vases, an ice-bowl, and fruit-dish, cut in large flat ribs, and other services.

388 ZONDE & Co. Namur.—Specimens of cut glass, consisting of vases for pine-apples, drinking-cups, fruit-dishes, tumblers, &c.

389 JOUFF, D.—Stained window-glass; imitations of old window-glass.

390 BENAIN & BIVOR, Jumet (Hainault).—Window-glass.

391 DIERCE, F. Antwerp.—Dinner-service, consisting of cut glass vase, fruit-baskets, fruit-dishes, sugar-bowls, wine-glasses, vases, decanters, plates, &c.

392 FISON, J. Dampremy.—Various specimens of glass and window-glass.

393 CAPPELLERMAN, J. B. & DAVOUT, Brussels.—Bust, and other specimens of biscuit porcelain. Dinner service made of enameled lace porcelain, and other services.

394 TINMOUTHY, G. & DAVOUT, Brussels.—Bois de Sainson (Namur).—Fire-clay for manufacturers, glass-works, &c.

395 PASTON, Bertrand, & Co. Auden (Namur).—Gas retort fire-clay for high furnaces, and fire-bricks for lining the inside of high furnaces.

396 COMMUNAL COMMISSION OF MARCHEN, Marchen (Liège).—Plum-pudding stones for crucibles, high furnaces, &c. High furnace crucibles made of these stone.

397 COSTE, F. Tilleur (Liège).—Plum-pan crucibles.

398 SMALL WERPIN, A. Huy (Liège).—Fire-bricks of reduced dimensions.


400 DE FRIESE & N., Bandour.—Dessert service, porcelain, blue ground. Baskets, bowls, plates, &c.

401 DEVE, E. Brussels.—Paper-hangings.


403 LEFEBVE, A. Molonbeck, St. Jean (Brabant).—Collection of paper-hangings.

404 COUZERS & LUCAS, Brussels.—Mosaic floors. Table with mosaic shelf and carriage-horses.


406 DE KATH BROTHERS, St. Tonsent-Nooda (Brussels).—A mosaic floor, made of natural wood of divers colours.

407 DUMONT, J. Brussels.—Holy-water vessel. Frame made of stone pasted with white paper.

408 GRIMM, Madame, Brussels.—Furniture made of lacquer. A screen, three tables, the shelf of a table, and two chairs.

409 MENGH, A. G. Brussels.—Model of a fountain. Articles in carved oak. Tables and shelves of oak.

410 TENTH, H. J. Spa.—Spa wood table, tea-sets, boxes, &c.

411 BRUNO, H. Spa.—Spa wood table, work-box, tea-chest, &c.

412 MISSON, Exile & Lucas, Spa.—Spa wood table, work-boxes, writing-cases, cigar and needle-cases, and various other articles.

413 MISSON, A. Spa.—Spa wood writing-cases, work-box and other boxes; basket; music desk; book-case, &c.

414 MARY, J. E. Spa.—Spa wood tables; fire-frames; jewel-boxes; albums, &c.

415 MABARDO, Madame J. Spa.—Spa wood work and jewel-boxes; writing-cases; table; screens, and baskets.

416 DU TONGRIVE, A. Brussels, West Flanders.—Samples of ornaments on wood for furniture, pillars, &c.

417 COLLYS, J. T. Antwerp.—Drawing-room chair and arm-chair; tête-à-tête.

418 DE RAETS, J. G. Antwerp.—A wardrobe made of rosewood and deal.


420 TUDOE, T. B. Berchem, Antwerp.—Chest of drawers of carved oak; carved mahogany and walnut chair; other mahogany chairs.

421 DELAVEY, F. D. Ghent.—Library desk of carved wood.

422 HOOGSTOK, Ghent.—Antique wardrobe.
BELGIUM.

426 GULISIAIN, C. Hastières, Louvain, Namur.—Four marble slabs for tables.
424 BONNET, C. St. Gilles, near Brussels.—Pillar, flags for pavements, and medallion portrait made of artificial stone, a fusible lava.
425 LECLERC, A. Brussels.—White and black marble chimney pieces. Basin. Marble toilet. Mosaic square, composed of Belgian marble.
426 FOLLET, Narcisse, Verviers.—Stucco or plaster of Paris, red, etc.
427 VANDERHOOF, M. Brussels.—Boots and shoes, boot-trees, and lasts.
428 STAENIJN, S. Brussels.—Boot-trees; lasts, and shoes made on them.
429 RATHOLEN, J. Hermalee, Cassel, Lierre.—Flattened willow table and arm chairs.
430 LOOCHE-HEUX, C. L. Louvain.—Brushes for clothes, hair, hat, sweeping, and other purposes.
431 QUINOT, C. & J. Cureghem, near Brussels.—38 parcels of stearic wax candles; lump of stearine.
432 ROBERT P. J. jun., Brussels.—36 silk and lace parasols.
433 DELSTOIC, R. & L. Molnbeck, St. Jean, near Brussels.—Steerins and tallow candles.
434 GILLES, E. St. Laurent, Antwerp.—Soaps made of olive oil, tallow, soap-boils, cocoa butter, etc.
435 BREYTA, D. Antwerp.—Belgian and foreign stuffed birds.
437 VANDERMAELEN, P., Molnbeck, St. Jean, near Brussels.—An atlas containing eight lithographs of the new map of Belgium.
438 CARPENNEUR, J. B. Brussels.—Church window.
Stained glass, antique style.
439 BEMMERING, A. Brussels.—A pile of five stones of Gobertange. Carved oak press for arms.
440 MAGNUS, F. Brussels.—Etchings.
441 HANT, L. J. Brussels.—Collection of 29 medals.
442 WIERIS, J. Brussels.—A collection of medals, representing the principal monuments in Belgium.
443 DUCHATEL, Comte, Grembergen (Brabant).—Models of xylopyrophy.
444 JAMAN, A. Brussels.—Wood engravings. Illustrated books.
445 DEVILLE THIET, H. Liège.—Specimens of engraving on glass by a new process.
446 HANT, L. Liège.—Two lithographs, representing the Palace of Liège.
447 JEHOTTI, C. Liège.—Bronze medals.
449 EGIDE, H. Louvain.—Plan of a garden after the English style.
450 GEERTS, C. Louvain.—Groups in oak. Model of a pulpit.
451 GEERTS, J. Antwerp.—Plaster statue: the Faithful Messenger.
452 VALERIUS JOAN, C. Antwerp.—Plan of the town of Antwerp.
453 VANHULLE, C. J. Rynenham (Antwerp).—Plan for the improvement of a kitchen garden.
454 VANHOOL, J. F. Antwerp.—A carving in palm-tree wood. Fragments of festoons and flowers, carved.
455 DE LASEY, Antwerp.—Two marble statues: Canadian Woman and Moses.
456 TUERLIEFF, J. Mechlin.—Marble statue: the Young Shepherd, Glotto.
457 JOOSTERS, G. J. Rsten, near Dixmude (West Flanders).—An "Ordain stone" pinnacle, intended to be placed in the church of St. Nicolas at Dixmude.
458 VAN DER ROUSSE, C. Antwerp.—A carving commemorating the Exhibition of 1851.
459 JACQUEMIN, R. Ghent.—Initial letters, with edge and flowered borders.
460 MARCHEAU, E. Schaerbeck (Brabant).—Madonna (marble bust).
461 JACQUEMIN, Schaerbeck, near Brussels.—Three bronze groups: The Flood, the Murder of the Innocents, and the Death of Abel. Cupid disarmed (plaster).
462 JACQUEMIN, A. Brussels.—A plaster statue, the Top-player.
463 JEDOTTI, L. St. Jothen-Noode, near Brussels.—Statues: Madonna (marble); Cain (plaster); group (bronze); base-relief (marble).
466 GERM, G. Schaerbeck, near Brussels.—A plaster group, the Lion in love; and a small marble statue, Cupid.
467 MALLERZ, E. Charlieroy.—Nails, called "Pointes de Paris."
468 KETS, E. Antwerp.—Imitation pieces of various kinds of canvas, and strong sackings.
469 DUROS, G. Bucche.—Two strips of cow's leather.
470 VREURICK, Antwerp.—A Gothic vase, style of Louis XIV. ; basket, style of Louis XV. (all silver).
471 MACKINTOSH, T. Brussels.—Composer's page-marker.
472 WEMS, C. Schaerbeck (Brusseis).—Machine for carving wood, marble, stone, &c.
473 MÉQUARD, C. Brussels and Ghent.—A volume, containing specimens of divers illustrated publications.
474 POURQUET, M. Mons.—Cast-iron kitchen stoves.
475 VAUDEM, H. Brussels.—Parachute for mines.
476 LÜDING, H. Brussels.—Vaished funnel-pipe.
477 BERESIN, A. Brussels.—A mosaic straw table.
478 BÉMAUD, R. Courtrai.—Coloured parchment for binding. White parchment for writing and drawing. Yellow parchment for black lace. Green parchment for white lace.
479 LECHE, Brussels.—Bronze statues, Rubens: after Geefs.
481 FELLOU-COCHET, Madame, Courtrai.—Seven pieces of mattress covers, made of tow thread, flax thread, and cotton.
482 HUBERT, Brussels.—Gold watch-chains.
483 SAYS, Madame, Mons.—Cotton stuffs, wool and cotton, and flax thread, for trousers.
484 PASTEUR, P. Louvain.—Scarf of Mechlin lace. Pieces of lace.
485 DE PAUW, Ghent.—Model of a new movable bridge. Combination of fixed and turning bridges.
486 LAUTERER, F. & Co., Ghent.—Samples of flax-cards on comb.
487 BOUTIN, P. Louvain.—Brassica-avocet oil, purified, first quality, for carcel-lamps. Purified hemp-oil.
489 VANGEETRAY, C. Stamm (East Flanders).—Indian-wheat starch.
490 BROWN, H. Schaerbeck, near Brussels.—A globe.
491 PLOUX, J. F. Mechlin.—Historical church-windows, coloured coats of arms. Coloured medals of the 17th century. Drawing, from Rubens.
BELGIUM. BRAZIL. CHILL. CHINA.

493 Wood, W. Antwerp.—French merinos of divers
493 Tiemann, H. J. Binche (Hainault).—Calfskins.
494 Dittmann, H. Vielsalm (Luxembourg).—
495 Pochel, E. Tournay.—Wooden shoes, of walnut-
496 Mitchev, M. Bruxellois (Brabant).—Winter barley

BRAZIL.

Adamson, O. G.—A bouquet of flowers of Brazil, made of
the birds' feathers of that country, with the exception of a
few made of bats' wings. Constructed expressly for the
Exhibition.

Cox, J.—Model of a native raft.

Morgan, E. D. Agent, Mr. Pest, Saddler, 14 Old Bond
St., London.—Set of black and white, from the province of
Rio Grande do Sul, Brazil. Made of raw bullock's hide,
and boiled with silver. Cap; the cap is made in the Sertão
and is the interior of the province of Pernambuco. The leather
is made from the hide of the red deer of that country.
Intended as specimens of the industry of the less civilized
of the inhabitants of the Brasil.

Major, C. T. Esq. 21 Billiter St., London.—Leaves and
butterfly made of beetle wings, by Henriques de Silva,
Rio Janeiro.

CHILL.

Messrs. Schering & Co. Broad St., Mews.—A lump of gold
er ore, weighing 3 cwt.

CHINA.

H. M. Consul, Shanghai, Contributed through
the Board of Trade.

No. 22, Red copper from Japan; No. 30, Vegetable wax;
No. 22, Specimens of varnish; and No. 14, A product styled
sugar silk in the list furnished, but supposed to be the fibre
of a species of cactus.

raw silk, supposed to be the fibre of the cactus. 15. Tur-
mex. 16. White arsenic from Hankow. 17. Arsenic from
Hankow. 18. Yellow arsenic. 19. Bee wax, white and
yellow. 20. Vegetable wax. 21. Sulphate of iron (green

A complete collection of the various materials
employed at the Great Porcelain Works of
Kiau, Nang, Chen, in the vicinity of the Poyang
lake, in the manufacture of porcelain.

Porcelain may be formed by a mixture of the above.
3. Material ready mixed. This made with water into clay
will form porcelain. 4. Bedaubing powder, ready mixed.
5. Soap stone, very hard. Found in the districts of Luh-i
and Kweilin, in Kiangsi province. 6. Bedaubing material.
7. White lead and other materials.
8. Various packages containing the colours.
9. Twenty-three packets, containing prepared colours of
various kinds.
10. Forty-seven packets, containing colours for painting the
best porcelain after baking.

Miscellaneous articles:
1. A large cameo basalt on yellow ground.
2. Two large cameo basalt on blue ground.
4. Four cameo basalt on blue ground, representing
flowers, shrubs, &c.
5. A lacquer table with inlaid mother-of-pearl.
9. A similar table.
13—17. Four lacquered chairs, inlaid with mother-of-
pearl.
18. A square brass and pedestal, for heating a room by
charcoal ashes.
19. A sensor, or perfume urn.
21—22. Two candelabra in bronze, enamelled in mosaic
pattern.
23. A bronze vase, mosaic enamelled, with cover and
pedestal in carved wood.
29. Ten boxes of carved red lacquer-ware, from Szechuen.
30. A table on a carved wood.
31. A vase of enameled and mosaic bronze, with
pedestal of carved wood.
42. Two cases of bronze inlaid with silver.
43. An armchair in carved wood, edged with ebony, and
inlaid with ivory.

Contents of Box addressed to the Secretary of
the Horticultural Society, London.

1. Specimen of indigo, the produce of plants in the north.
2. Specimen of the raw produce of the silk-worm, from
Looting in Manchuria.
3. Specimen of the fabric, manufactured in the same pro-
vince for home consumption.

Another specimen of the same fabric.

Exhibited by the Hon. East India Company.

Hemp-palm; its fibre, and the ropes prepared from it.
Arrow-root. Tung oil and seeds in spirits. The whl-rt.
leaf of the Chinese, a green dye. Gardenia radicans (fruit), a
yellow dye. Fortunella Chinensis (fruit and flower). The
ko-pal of the Chinese. Shang-hae indigo. Pit of the
plant from which rice paper is cut. Wax tapers used at
Peking. Brick tea (two samples). Green-tea dye; articles
used in the district of Hsuchow to dye green tea for
exportation; one bottle.

Articles exhibited by Captain Stuarts, 31 Corn-
wall-square, Hyde Park.

1. A snuff-box; specimen of Chinese carving on English
enamel plate, the only specimen known.


3. A sanguine; Chinese specimen of enamel on copper.

4. A small sanguine; specimen of Japanese lacquered ware.

5. A cup and sanguine, specimen of Japanese lacquered ware.


7. A Burmese bamboo vase, elaborately carved.

8. Two Japanese chairs of Chinese upholstery and lacquered
ware.
9 A bamboo chair.
10 A Chinese lantern.
11 A specimen of green and another of crimson Chinese damask.

Artificial Exhibited by J. Reeves, Esq.
A tea-chest containing 8 silk canisters of fancy tea; specimens in glass case.
Sixteen cases of China ink, exhibiting thirty-two views.
Various Chinese teapots and tea-kettles in earthenware. Tea-kettle and fire-pan. Oven heated by the flame of a lamp passing into the centre. Oven to keep tea warm, being immersed in a vessel of hot water.


Enamelled copper: Jars, 3 feet high. Censer, cups, covers, and saucers. Toilette set, complete.

Painted glass screen.


Costa, Cowles, South Villa, Kennington Oval—Proprietor.


Lynam, H. H., Berkeley Square—Impporter.

Silk; damask; satin; and specimens of embroidery and embroidered chair-seats.

Flax:—seed, fibre, and yarn. Grass cloth, of various qualities. Cotton:—nankin, cotton cloth.


Parker, the Rev. Dr.

Box containing various seeds. Another containing various woods.

Aston, — Vigo Street, Piccadilly.

A Chinese printing press.

Palmes, Macclesfield, & Co., 1 King's Arms Yard, City.

Some specimens of silks, made up especially from China for the Exhibition.

D. N., L.

A curious and elaborately finished Chinese bedstead, inlaid with ivory and mother-of-pearl.

Samples of silk.

P. P. Thomas, Printer, Warwick Square.

The original address, with the signatures of 915 merchants and tradesmen, presented to his Excellency Hwang, on his being appointed the deputy governor of the province of Canton, during the reign of the Emperor Kea-lung, about the year 1792.

The address measures in length seven feet nine inches, and in width six feet. It contains 2,326 Chinese characters, beautifully worked in gold, on silk, and is lined with Chinese embossed velvet, surrounded with a gold border. Accompanied with a translation of the address, by Mr. P. P. Thomas.

Dated during the reign of Kea-lung, whose reign closed about A.D. 1721.

8 Fifty Chinese engravings on wood.
9 A Chinese sceptre.
4 The Pa-sen, or eight immortals, who confer benefits on mankind, carved on stone.
5 The goddess Kwan-yin, in stone, on a carved stand.
6 The god of wealth, and the god of longevity, carved in wood.
7 Chinese shells and insects.

Riley, F. W., Canton.

A collection of the various teas exported from Canton, in chests, cases, and boxes.

Reeve, J. R.

Bronze vases, &c., inlaid, three large and five small. Ink; one large box. Sale ornaments; card-case three. Waistband buckle. Filagree silver necklace. Rolled paintings.

Baugh Brothers, Bishopsgate Street.

1 Carved ivory tree, with ball containing 24 others, all from one piece. 2 Two embroidered chair covers. 3 Card case, in ivory. 4 Another in sandalwood. 5 Four pieces rich satin, different colours. 6 Four paintings. 7 Four painted lanterns. 8 130 specimens of China ware. 9 Model of a cargo boat. 10 Model of a mandarin boat.
DENMARK.

Agent in London, REGNAR WESTENHOLTZ, Mark Lane.

1. FUGGAARD H. & Co. Copenhagen, Prod.—Samples of barley, grown in the island of Møn, in 1850. Samples of wheat.

2. KOLLEBRUNNER, K. R Ellitsvik, Prop.—Sample of Iceland wool.

3. TOPP, A. L. Copenhagen, Manu.—Specimens of white lamb-skins for gloves, prepared with alum; exhibited for quality and dye. Goat-skins and white sheep-skins similarly prepared.

4. DANSEY & Sons, Silkeborg, Jutland, Manu.—Specimens of paper, glazed by a machine constructed by the exhibitor.

5. WULUM, Jørg., & Sons, Brede, Schleswig, Manu.—Specimens of thread lace and cotton stuffs.

6. MAYER, J. E. Copenhagen, Manu.—Specimens of japanned tea-trays, small trays, bread baskets. Oil-cloth mats for dishes, tureens, kettles, &c.; and floor-cloth.

7. WASSING, E. Copenhagen, Manu.—A carpet and foot-stool.

8. FJELLEA, Jutland, Prop.—Knitted worsted goods, viz., jackets, petticoats, stockings, &c., exhibited for firmness, cheapness, and warmth.

9. THOMSEN, — Randers, Manu.—Randers’ gloves.

10. MATTAT & SONS, Randers, Manu.—Gloves for gentlemen and ladies, exhibited for colour and softness. Specimens of Randers’ skins.


12. LONDIN, P. F. Copenhagen, Manu.—Pump, which can be used as a fire-engine. Stove, for heating small or large rooms. A steam-engine, constructed in the workshop of the exhibitor, by Jacob Jacobsen.

13. EINASSER, C. Copenhagen, Inv. and Manu.—A machine for composing, and re-sorting the types after printing.

14. JERKE, N. S. Naval Arsenal, Copenhagen, Inv. and Manu.—A barometer, with an oval barrel, to discharge a conical ball. Specimen of cartridge.

15. ANDERSEN, P. Copenhagen, Manu.—A chaff-cutting machine, of simple construction.

16. FUCHS, A. Copenhagen, Inv. and Manu.—An astronomical clock, with an escapement which gives an impulse every ten seconds. The clock goes a month.

17. JUKERSSEN, Sons, Copenhagen, Inv. and Manu.—Two box chronometers, with free escapement, &c. Gold watch, adapted for observations. Multiple thermometers. A model of the detached escapement, usually employed in the chronometers of the exhibitors.

18. LANGAARD, J. P. Copenhagen, Inv.—Model of patent surgical apparatus, for spinal curvature.


22. NAYLOR, J. W. Copenhagen, Des. and Mann.—A series of twelve files made of cast-steel, consisting of a four-square rubber cut like a smooth file, weighing about 10 lbs., part of which (in the form of four twisted serpents) can be screwed off, showing a round file within containing a three square file 5 inches long; a four square file 5 inches long; a round file 1 inch long; and a very small file. The knob at the opposite end of the second round file also screws off, and contains six different small files and rasps.
DENMARK.

EGYPT.


London Agents, Charles Joyce and P. R. Lazare.

1. Small top of a table in alabaster.
2. Square block of alabaster.
3. The same.
4. Large top of a round table in alabaster.
5. Square block of alabaster.
8. Sample of mineral sulphur.
9. Case containing samples of yellow and grey earth.
10. Pardah, large baskets.
11. Case containing different kinds of natron, viz. natron carnadite, from the lake of Harraseek, and black and white sultan, from Terranah.
12. Two samples of potter’s earth and clay.
13. Three cases containing different kinds of saltpetre.
14. One case containing a sample of hard red stone.
15. The same, of white stone.
17. Raw natron of Lower Egypt.
18. Refractory or stiff earth of Assuan.
19. Cassia.
20. Gum-aromatic.
22. Cauquin.
23. Opium of Upper Egypt.
24. Castor oil.
25. Senna.
26. Tombac.
27. Dates, sultan, from Siouah; date of Gussul; sultan, from oasis; pressed, from Cairo; from Amur; from Ibrim; sultan, from Cairo.
28. Aqua, skinned and pressed dates of the province of Charkay.
29. Dates of Sioua.
30. Aqua, pressed dates of Ghish.
31. Tobacco of Upper Egypt.
32. Fruits of palm, Doum.
33. Mellow oil.
34. Rice, ordinary, of Damietta.
35. Rice, white, of Damietta.
36. Rice, red, of Damietta.
37. Polis chiches grillis.
38. Refined sugar from the steam manufacture at Minich.
39. Refined sugar of the steam manufacture.
40. Fennugreek of Lower Egypt.
41. Raw sugar.
42. Half refined sugar.
43. Plant, good for eating, Hablasia.
44. Liquorice paste.
45. Mustard seed.
46. Wheat of Upper Egypt, first choice.
47. Lettuce oil.
48. Dates in preserve.
49. Carthame oil.
50. Honeycomb of Mehailech.
51. Large olives in oil.
52. Olives, ordinary quality.
53. White honey of Mehailech, first quality.
54. Dates in honey, from the province of Charkye.
55. White honey of Mansourah.
56. White honey of Charkay.
57. Three vases of butter, different kinds.
58. Tamarinds.
59. Troldia.
60. Sugar candy.
61. Linseed.
62. Wheat of Upper Egypt.
63. Wheat of Lower Egypt.
64. White Indian corn.
65. Castor-oil seed.
66. Clover seed.
68. Sesamum seed.
69. Rice of Rosetta, Ekh.
70. Cumin seed.
71. Fennel.
72. Anise seed.
73. Indigo of the country.
EGYPT.

80 Poppy seed.
81 Clover seed of Massalou.
82 Caragana of Damietta.
83 Rice of Rosetta, Aisalbent.
84 Beans of Lower Egypt.
85 Small Indian corn, yellow, Boutedgl.
86 Rice of Rosetta, first quality.
87 Small white Indian corn of Benesnet.
88 Haricot of the country.
89 Beans of Upper Egypt.
90 Small red Indian corn, Bouedgl.
91 Yellow Indian corn.
92 Small white Indian corn of Lower Egypt.
93 Wheat of the province of Charkis.
94 Barley of Lower Egypt.
95 Poto chiches of Upper Egypt.
96 Lentil of Upper Egypt.
97 Poto chiches of Lower Egypt.
98 Lentil of Lower Egypt.
99 Yellow Indian corn of Turkey.
100 Fennel.
101 Fescue.
102 Sesame oil.
103 Sugar for Turkish drink (sorbets).
104 Sugar-canes.
105 Flax combed by machine.
106 Maheh cotton, first quality.
107 Flax of Fayoum.
108 Flax of Mesenau.
109 Hemp seed.
110 Lupina.
111 Essence of mint.
112 Club of ebony of Semn.
113, 114 Horns of antelopes and gazelles.
115 Elephant teeth of Soudan.
116 Virgin wax.
117—119 Horns of the rhinoceros, wild bull, and Caspi-ecorn.
120 Gum of Semn, chosen.
121 Gum of Semn.
122 Mimoso seeds.
123 Cardamomum.
124, 125 Horns of buffalo and of the ox.
126 Maps, ordinary, of Upper Egypt.
127 Skin of crocodile.
128 Mat for cheese.
129—131 Oil of cotton seed, turpia, and linseed.
132 Fibres of the date-tree.
133 Tray of date-leaves of Rosetta.
134 Sea island Cotton, cultivated by T. W. Leake.
135 Rose-water of Fayrum.
136 Mint-water of Rosetta.
137 Orange-flower water.
138—140 Sample of alixier wood, of sycamore, and of palm, Dooum.
141, 142 Trunk of date-tree; of ebony of Semn.
143 Piece of ebony.
144 Rules of ebony, Semn.
145 Piece of sweet palm-tree.
146 Acacia wood.
147—149 Sample of palm-tree, Dooum; of date-tree; of aseedarah.
150 Net of fibres of date-tree.
151 Cotton of second quality.
152 Hemp.
153 Coffee-mill.
154 Mill to be worked by the hands.
155 Trough for paste and bread.
156—158 Sieves for seamum wheat and Indian corn.
159—161 Horse-hair sieve, and two silk sieves.
162 Measure in wood, bound in iron; Bouht.
163 Weight in brass.
164 Goat-skin bottle.
165 Steel-yard, with its appendages.
166 Flints.
167 Basket of dates.
168 Wooden locks.
169 Pick-axe.
170 Bill-hook.
171 Sickle for clover.
172 Hoe.
173 Egyptian plough.
174 Noris machine to sow seed.
175 Cotton cloth for casamonas of a frigate.
176 Cotton cloth for topaul of a vessel or man-of-war.
177 Cotton cloth for casamonas of a vessel or man-of-war.
178 Cotton cloth for topaul of a frigate.
179 Cambric printed in the manufactory, Shoulbrack.
180 Cotton cloth, unbleached, Bisser.
181 Cotton cloth, bleached, Bisser.
182 Cotton cloth, bleached, Settine.
183 Sail-cloth for the boats of the Nile.
184 Cotton cloth for soldiers' shirts.
185 Cambric, unbleached.
186 Cotton cloth, Borato.
187 Cotton cloth for soldiers' pantaloons.
188 Woolen brown covering.
189 White woollen belts of Upper Egypt.
190 Coat in black wool.
191 Coat of felah, in black wool.
192 Cap of felah, in brown beaver.
193 Melaye, in silk, red ground, stripes worked in gold.
194 Habara veil, in black silk, for female.
195 Silk piece goods, violet colour, in four stripes.
196 Silk piece goods, dark green, in orange stripes.
197 Apron, in dark blue, with yellow and red border.
198—201 Silk piece goods: violet, with two stripes; dark blue, with four stripes; yellow striped; crossed in blue.
202 Table cloth, in silk, red ground, chine in gold, green border.
203 Silk piece goods, crossed in red.
204 Towel, with borders.
205—210 Silk piece goods: dark purple; crossed violet; green, with two stripes; violet, red, with two stripes; red, with green stripes.
211 Silk and gold fringe, for divans.
212 Sample of gold and silk fringe, for curtains.
213 Fringe in gold, ornament of divans.
214 Samples of gold fringe, for divans.
215 Crape, of red silk.
216 Plaited silk, of different colours.
217 Silk dark-blue cords, to suspend pistols.
218 Pair of garters, in silk and gold.
219 Tassel of dark-blue silk, for tarbouche.
220 Sample of plaited gold.
221 Sample of gold fringe.
222 Samples of fringe, in various colours.
223 Fringes of black silk and gold, to ornament sword handles.
224 Cavalry sword, in blue and gold.
225 Samples of plaited silk and gold.
226 Linen cloth, for packing, from Lower Egypt.
227 Dromedary saddle, with its appendages.
228 Arab saddle, with the same.
229 Saddle of Cairo, worked in gold thread, with its appendages.
230 Saddle-cloth, in beaver.
231 (Marshahs) saddle, red cloth, embroidered in gold.
232—234 Skins of the ox: black; bleached white; red.
235 Skin of buffalo, bleached white.
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<td>237</td>
<td>Skin of ox, for soles.</td>
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<td>238</td>
<td>Skin of buffalo, bleached with oak bark.</td>
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<td>239</td>
<td>Skin of calf, for boots.</td>
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<td>240</td>
<td>Skin of calf, from Domnanbour.</td>
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<td>241</td>
<td>Skin of buffalo, for soles.</td>
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<td>242</td>
<td>Skin of ox, bleached with mimosia seed.</td>
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<td>243</td>
<td>Brushes for the use of stables, in date fibres.</td>
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<td>244—246</td>
<td>Wreaths, in wool, ornamented in leather, from de Bein Maris, Ghizel, and Upper Egypt.</td>
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<td>247</td>
<td>Skin of camel.</td>
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<td>248</td>
<td>One hundred and sixty-five volumes of works in Turkish, Arabic, and Persian, published at Boulaq.</td>
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<tr>
<td>249</td>
<td>Carpet, in coloured beaver.</td>
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<td>250</td>
<td>Saff cloth, of Broulos.</td>
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<td>251</td>
<td>Holster for pistols, in skin, &amp;c.</td>
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<td>252</td>
<td>Sword of Damascus, ornamented in silver gilt, with gold belt.</td>
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<td>253, 254</td>
<td>Gut cord, to clean cotton and wool.</td>
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<td>255</td>
<td>Basket for cheese, in cane.</td>
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<td>256</td>
<td>Scales, in date branches.</td>
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<td>257</td>
<td>Little coloured basket, from Upper Egypt.</td>
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<td>258, 259</td>
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<td>260</td>
<td>Wax candles, white and yellow.</td>
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<td>261</td>
<td>Yellow shoes.</td>
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<td>Red shoes: double and single soled, d'citadis, and for grooms.</td>
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<td>266</td>
<td>Nargilé, or water-pipe.</td>
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<td>267</td>
<td>Donkey saddle.</td>
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<td>268—270</td>
<td>Leather belts, of various sizes.</td>
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<td>271</td>
<td>Red morocco, in Broulos bag.</td>
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<td>272, 273</td>
<td>Mother-of-pearl, rows, large and small.</td>
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<td>274</td>
<td>Chapelet, in nut of Doume.</td>
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<td>275</td>
<td>Bottle for antimony.</td>
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<td>276</td>
<td>Ostrich eggs.</td>
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<td>277</td>
<td>(Marabouta) basket, in date branches.</td>
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<td>278, 279</td>
<td>Pipe bowls, of Assouan and Assiout.</td>
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<td>280</td>
<td>Bag, in goat-skin.</td>
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<td>281</td>
<td>(Turka) veils, for women, red ground, with flowers.</td>
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<td>282</td>
<td>The same, red ground, striped.</td>
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<td>283</td>
<td>The same, in embroidered muslin.</td>
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<td>284</td>
<td>(Kamar) belt, in silk, for grooms.</td>
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<td>285—287</td>
<td>(Dekné) strings for pantaloons, embroidered, (Tamis) kerchief, for women's head-dress.</td>
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<td>288</td>
<td>Silk turbans, for Bedouins.</td>
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<td>289</td>
<td>(Mala) and (Boum) veil, for women, in silk.</td>
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<td>291—293</td>
<td>(Bend) red silk strings.</td>
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<td>(Zardakham) apron, for dress, in worked silk.</td>
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<td>295, 296</td>
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<td>297</td>
<td>(Chaki) cotton and silk piece goods.</td>
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<td>298</td>
<td>Silk piece goods, dark green.</td>
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<td>Travelling belt.</td>
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<td>(Darya) thick silk, for lining.</td>
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<td>301</td>
<td>Taftas, violet, changing.</td>
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<td>306—309</td>
<td>Linena, from Lower Egypt, Mehalah, and d'Abiar.</td>
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<td>310</td>
<td>Belt, in red silk.</td>
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<td>311</td>
<td>Linen cloth, from Mehalah.</td>
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<td>312</td>
<td>Linen cloth, ordinary, from Assiout.</td>
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<td>313</td>
<td>Tassels in gold.</td>
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<td>314</td>
<td>The same, for pipes.</td>
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<td>315</td>
<td>Tassels in silk, blue and gold.</td>
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<td>316</td>
<td>Tassels in silk, for pipes.</td>
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<td>317</td>
<td>Tassels in silk, with the top in gold.</td>
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<td>Craps, in black silk.</td>
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<td>319</td>
<td>Handkerchiefs, in muslin, embroidered at Alexandria.</td>
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<tr>
<td>320</td>
<td>Handkerchiefs, in muslin, embroidered at Alexandria.</td>
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<td>321</td>
<td>(Azbe) large head-dress, in black silk.</td>
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<td>Silk piece goods, dark blue.</td>
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<td>323</td>
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<td>324</td>
<td>(Zardakam) apron, in silk, worked in gold.</td>
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<td>325</td>
<td>Handkerchiefs, in muslin, worked at Alexandria.</td>
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<td>326</td>
<td>Bag for a watch, embroidered in gold and silver.</td>
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<td>327</td>
<td>Tobacco bag, embroidered in gold and silver.</td>
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<td>328</td>
<td>Handkerchiefs, in muslin, embroidered at Alexandria.</td>
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<td>329</td>
<td>(Confuy) veil of silk, with borders, for men.</td>
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<td>330</td>
<td>(Azbe) hair dress, in black silk, from Cairo.</td>
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<td>331</td>
<td>Taftas, red and green, changing.</td>
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<td>332</td>
<td>Samples of taftas, different colours.</td>
</tr>
<tr>
<td>333</td>
<td>(Mala) woman's veil, in silk.</td>
</tr>
<tr>
<td>334</td>
<td>(Cotne) silk and cotton piece goods.</td>
</tr>
<tr>
<td>335</td>
<td>(Chaka) silk and cotton piece goods.</td>
</tr>
<tr>
<td>336</td>
<td>Eastern, in date branches.</td>
</tr>
<tr>
<td>337</td>
<td>Ertinguisher, in Kench earth.</td>
</tr>
<tr>
<td>338</td>
<td>Jar, in the same.</td>
</tr>
<tr>
<td>339</td>
<td>Oever, of Indian cane.</td>
</tr>
<tr>
<td>340</td>
<td>Basket, containing a water jug.</td>
</tr>
<tr>
<td>341</td>
<td>Water jugs, of Kench earth.</td>
</tr>
<tr>
<td>342</td>
<td>Basket, containing a margoum.</td>
</tr>
<tr>
<td>343</td>
<td>Water jugs, of Kench earth.</td>
</tr>
<tr>
<td>344</td>
<td>Writing case, in alisier wood.</td>
</tr>
<tr>
<td>345</td>
<td>Fans, &amp;c.</td>
</tr>
<tr>
<td>346</td>
<td>Trays, in date branches, coloured, various sizes.</td>
</tr>
<tr>
<td>347</td>
<td>Small baskets, in date branches, from Upper Egypt.</td>
</tr>
<tr>
<td>348</td>
<td>Piece of thick cloths, date branches.</td>
</tr>
<tr>
<td>349</td>
<td>(Leban) rope to tie boats.</td>
</tr>
<tr>
<td>350</td>
<td>(Halce) rope to tie loads.</td>
</tr>
<tr>
<td>351</td>
<td>Large baskets, from Upper Egypt.</td>
</tr>
<tr>
<td>352—360</td>
<td>White baskets, of various sizes.</td>
</tr>
<tr>
<td>353</td>
<td>(Batta) butter-tub, for voyage, in leather.</td>
</tr>
<tr>
<td>354</td>
<td>Strings of date fibres, for carrying straw.</td>
</tr>
<tr>
<td>355</td>
<td>Pipes from Cairo.</td>
</tr>
<tr>
<td>356</td>
<td>Bows of pipes.</td>
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<tr>
<td>357</td>
<td>Dromedary saddle, with complete appendages.</td>
</tr>
<tr>
<td>358</td>
<td>White and black wool.</td>
</tr>
<tr>
<td>359</td>
<td>Soda.</td>
</tr>
<tr>
<td>360</td>
<td>Nargilé, in zinc, with the silver stand, &amp;c.</td>
</tr>
<tr>
<td>361</td>
<td>Inlaid in silver.</td>
</tr>
<tr>
<td>362</td>
<td>Holster for pistols.</td>
</tr>
<tr>
<td>363</td>
<td>New and refined alum.</td>
</tr>
<tr>
<td>364</td>
<td>Saddle, in velvet, richly ornamented, and its appendages.</td>
</tr>
<tr>
<td>365</td>
<td>(Marchaha) saddle without the back, and its appendages.</td>
</tr>
<tr>
<td>366</td>
<td>Catalogue of the oriental books.</td>
</tr>
<tr>
<td>367</td>
<td>Silver tray for coffee.</td>
</tr>
<tr>
<td>368</td>
<td>Shoppers for jugs made in earth of assiout.</td>
</tr>
<tr>
<td>369</td>
<td>Box for holding the coffee.</td>
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<tr>
<td>370</td>
<td>Silver sieve for coffee.</td>
</tr>
<tr>
<td>371</td>
<td>Flask, for antimony, in silver.</td>
</tr>
<tr>
<td>372</td>
<td>Silver sieve pot.</td>
</tr>
<tr>
<td>373</td>
<td>Porcelain coffee cups.</td>
</tr>
<tr>
<td>374</td>
<td>Silver stands for the cups.</td>
</tr>
<tr>
<td>375</td>
<td>Large box, containing the coffee service.</td>
</tr>
<tr>
<td>376</td>
<td>Silk, first quality (imitation of Erussa); the same, ordinary, and six other qualities of silk.</td>
</tr>
<tr>
<td>377</td>
<td>Silver stoppers for jugs.</td>
</tr>
<tr>
<td>378</td>
<td>Flask for rose-water, and essences for perfumes.</td>
</tr>
<tr>
<td>379</td>
<td>Béchard, coffee-stand, in silver.</td>
</tr>
<tr>
<td>380</td>
<td>Liquorice wood.</td>
</tr>
<tr>
<td>381</td>
<td>Rose, from Upper Egypt.</td>
</tr>
<tr>
<td>382</td>
<td>Oil.</td>
</tr>
<tr>
<td>383</td>
<td>Refined sugar, from Ibrahim Pasha's refinary.</td>
</tr>
</tbody>
</table>
FRANCE AND ALGIERS.

(COMMISSIONER IN LONDON: M. BAILLON-DUHAMEL, DE LAMORLAX, 13 George St., Hanover Sq.)

1. Auffray, C. Manufactory, Malbouque (Haute-Rhin), and at M. Germain's, 3 Rue de la Bourre, Paris.—Pieces of silk and woollen damask, wrought by Jaccard looms.


4. Auge de Locatelli, Civil Engineer, 26 Rue d'Enghien, Paris.—Various files, patented in France, England, Belgium, and Germany.


7. Abramson, Manufacturer, 58 Rue Molay, Paris.—Fancy papers and borders. Boardings of all sorts. China papers and cards.

8. Aubin & C. G. Bachelet, Manufacturers, Brionon (Hautes-Alpes), Post Office.—White fancy combed fine silk, obtained by the preparation and the carding of spinning waste and throwing silk.

9. Aubert, Manufacturer, 98 Rue St. Denis, Paris.—Fancy papers. Plate ornaments and shades made of lace paper.

10. Aubert & Zoë, Manufacturers, 265 and 267 Rue Richelieu, Paris.—Spirits of flowers and fruits brandy made by vacuum distillation.

11. Aubert, E. J. Manufacturer and Depot, 81 Rue Richelieu, Paris.—Work-boxes of all sorts, for travelling and other purposes.

12. Aubert, Manufacturer, 10 Rue de la Tour de l'Auvergne, Paris.—Artificial gum.


17. Bécourt, A. Manufacturer, Beaumont (Marne).—Unbleached and coloured merino tassels.


20. Barbe, R. China Manufacturer, Orchamps (Jura).—Hard description of chinaware, fire-proof.

21. Barthe, Masquer, & Flichon, Manufacturers, Sarreguemines (Moselle), and at 29 Rue du Temple, Paris.—Plush and silk velvets for hats.

22. Barth, V. Bootmaker, a la Bourreraise (Croye).—Wooden shoes of different shapes and sizes, a new invention. Exported.


24. Béguin, S. Saddler, 36 Rue de Fouchier, Paris.—Horse-collars, harness, saddles, &c.

25. Béguin, W. Watch Glass Manufacturer, 37 Rue de Paris (Poissonnière), Paris.—Spectacle glasses. Crystal door-handles, mounted in glass or in metal.


27. Blanchet, J. B. Manufacturer, St. Just-en-Chaussé (Oise).—Specimens of plain and embroidered net-work. Plain and fancy silk stockings.


29. Blaschek, Brochbach, & Mars, Manufacturers, Mulhouse (Haute-Rhin), and at 37 Rue de Santes, Paris.—Printed cotton goods, for exportation.

30. Bleistoff & Lenkart, Manufacturers, 51 Rue de Cléry, Paris.—A piece of lawn kerchiefs and several pieces of linen.

31. Blot, E. Manufacturer, Pontchartrain (Marne).—Pieces of unbleached merino.


33. Bootz, L. Manufacturer, Boulz (Nord).—Assortment of mixed fabrics of wool and cotton for trousers.

34. Boucher, E. Manufacturer, Warmerville (Marne).—Dyed and unbleached merino fabrics.

35. Bootz, en, LACOUR & Cie, Manufacturers, Limoges (Haute Vienne).—Flannels and drapery.


40. Bannier, E. Engineer and Engraver, from Lemberg's, 69 Rue Magazines, Paris.—Specimens produced by four new engraving and carving machines.

41. Barres, Brothers, St. Julien, in St. Alban (Arcache).—Specimens of cocoons, and silk winding. Organize, for manufacturing silk fabrics, plush, satin, figured, and plain ribbons.

42. Bataille, V. Blangy-sur-Bresle (Seine Inférieure).—Pyrolycineous and other acids. Chemical productions used in manufactures, principally for dyeing and printing of stuffs.

43. Baudou, C., Wood-dyer, 6 Rue Neuve St. Laurent, Paris.—Black-wood, with patchwork of various colours, for fancy joiner's work, dressing-boxes, liquor-cases, &c.

44. Baudouin, A. P. 74 Rue Richelieu, Paris.—Specimen of enamel painting.


46. De Beaupré, St., Rue de Bourgeon, Paris.—Artificial foot.

47. De Beuvot, C., Surgeon, Seliches (Maine and Loire).—Beehives, pigeon-holes, &c. Apparatus for agricultural purposes, or for rearing bees.


49. Beouf Brothers, Italian Paste Manufacturers,
FRANCE AND ALGIERS.

76. BRESER, 55 Rue Vivienne, Paris. Specimens of gold plating upon copper.
77. BREDL, 50 Rue de Passy, Moulins, Paris. Tanned and curried horse hides: for shoe-tops and upper leather.
78. BREDL-SNOW, Manufacturer, Beauvais (Oise). Woven felt of all sizes, for continuous machines for the manufacture of pasteboard and paper.
79. BREUER BROTHERS, Surgeons, 12 Rue Mandar, Paris. Trusses, with eccentric pivot.
82. CAUPIER, F. Manufacturer, Basancourt (Marne). Unbleached and dyed merinos.
83. CAUZER, & CASSIBON, Anibias (Gironde). Door-curtains, Anibias twist, and in the Gobelin style. Panels of the same description. Sofa, table-cover, and rug.
84. CHEP & NAYRA, Paste-board Works Manufacturers, 17 Rue St. Rémy, Bordeaux (Gironde). Fine paste-board work for holding wedding-presents; toilet and perfume boxes, &c.
89. CHEVARD, jun., Shawl Manufacturer, 9 Rue de Cléry, Paris. A variety of long and square shawls.
90. CIORZETTE, L. O. H. Printed Manufacturer, Lebriche, near St. Denis (Seine). Printed long shawls, and printed gowns and dresses.
97. COURBET, BROSHER & BEREZ, Manufacturers, Perigord. Woolen stuffs, called Cadis.
98. COURTEILLE & RENAULT, Manufacturers, Savoines (Moselle), and 31 Rue St. Avois, Paris. Silk plaid for hair. Bonnets.
100 CAZENOV, J. & Faez, Alimentary Preserve Manufacturers, Nantes (Loire-Intérieure).—Cardi-ines preserved in pure olive oil. For exportation.

101 DE CALMONT, — Hydraulique apparatus.

102 CANDROZI, — Wedding Manufacturier, 6 Rue St.-Pierre Fontaine, Paris.—Parisian weddings, made of one piece by a wedding-machine. Invented by M. Robertson.

103 CANDROZI, — St. Just-en-Champsaur, (Oise).—
Nutrition and fertilizing manure.

104 CARONNEAUD, J. B. C. — Wood engraving for printing illustrations. Being a portion of a work named "History of the Painters of all Schools," edited by Mr. Amsinger.


106 CARRERE BROTHERS, Curriers, Amiens (Somme).—Curried calf-skins and boot-legs. For exportation.


109 DE CAVAILLON, — Chemist, 30 Rue Talbon, Paris.—Chemical productions, protected by patenting gas.

110 CHASE, M. D. A. 75 Rue des Riches-Pau, Paris.—Feathers, flowers, bonnets, dresses, and all sorts of fancy articles for ladies.

111 CHATEAUX, J. 34 Rue du Roi de Sicile (Marais).—Beam and cutting-machine; for army equipments, jewellers, watchmakers, lamps, etc.

112 CHAMBERLAIN, F. Greville (Ardeche).—Printed and dyed fabrics. Bandanas of every description.

113 CHAMBERLAIN, C. Ailey (Gard).—White and yellow raw and wrought silks.

114 CHAMPION, M. M. J. Vals, near Aubenas (Ardeche).—Raw and thrown silk.


116 CHARDON & SON, 30 Rue Hauteville, Paris.—Various engravings, special for printing.

117 CHARLES, M. 7 Rue Fleurs, Paris, and 22 South Molton Street, Oxford Street, London.—Machines made of galvanised sheet-iron or copper, for washing linens, &c.

118 CREVECOEUR, — Designer, 2 Rue du Marlouse, Paris.—Manufactured designs for silk, mousselines-de-laines, jacquets, printed cotton, and carpets.


120 CREVARIEUX, D. Louviers (Eure).—Cloth, and other fancy articles.

121 CREVES, J. Palais National.—Preserves of all sorts—complete dinners. Dishes prepared for cooking, with gravy and sauces ready for use.

122 CRONER, — Drawing-master of the Lycee at Laval (Mayenne).—Wax—relieve models of ornaments for jewel-boxes.

123 CREAC, — 6 Rue Carnot, Paris.—Safety lamps, without wire gauze; gas-scopes, &c. Apparatus used for preventing explosions of gas in pits and all places lit by gas.

124 COQUET & COLIN, 7 Rue de Dechamps, Paris (Manufactories at Croyes and Ards (Aube).—Hoyslery: Stockings, socks, gloves, trousers, waistcoats, and nightgowns.

125 COUD, A. 58 Faubourg du Temple, Paris.—Cash- mere texture: waistcoats of all descriptions.

126 COLLIN, C. E., 7 Quai Conti, Paris.—Hydrographic engravings, plans, charts; topographical and hydrographical studies. The above works are a portion of the publications of the Navy Depot in Paris.

127 COLVILLE, A. Chemist, Rue de Vaugirard, Paris.—Glass colours, for painting on enamel and china; with painted specimens.

128 COPP, L. Donou (Nord).—Improved hides for cards. Finished and unfinished linings and plates, for wool and cotton cards.

129 COULAUD & Co., snn., Molsheim and Kligenenthal (Bas-Rhin).—Side-arms and articles of hardware. Extensive manufactory—formerly a Royal arms manufactory.


131 CROZET, — Piano-forte Manufacturers, Toulouse (Haute Garonne).—Cottage-ware. Small mahogany model.

132 CRUYELLE, — Rennes (Marne).—Spun yarn and sized yarn, for machine weaving.

133 CRUZET, E. Creuseur, near Reims (Oise).—Waterproof shoes, boots, &c. The sole is five-fold, made of leather, wood, and cork.

134 CUDRUX, F. 58 Rue du Faubourg du Temple, Paris.—Fasteners, for windows and doors.


136 DAMAS, L. F. A, Manufacturer, 40 Rue St. Germain, Paris.—Mechanical dolls for milliners.

137 DAUPHINE & Co., Flax Spinners, Lille (Nord).—Grey and yellow lawn threads.


139 DEHAY, C. Basket-maker, 73 Rue Rambuteau, Paris.—Baskets of different shapes.

140 DEGRES, F. Manufacturer, Lille (Nord), Rue Basse.—Drills, and other tisues, for wallcoatings. New fancy materials for trousers.

141 DELAGE MONTMAG, F. Net Manufacturer, 414 Rue St. Honore, Paris.—Silk threads for fishing lines; fishing nets; sweeping nets.

142 DELATTE & Son, Manufacturers, Roubaix (Nord).—Various fabrics for dress, of long combed wool and combed merino wool.

143 DELBOURG & Co. Manufacturers, Saffres (Côte d'Or).—Woollen fabrics; combed wool; woollen threads of different kinds.

144 DELHOMME BROTHERS, Manufacturers, Roubaix (Nord).—Woollen and other fabrics, in various qualities.

145 DEVAUX, L. Hardware Manufacturer, Condé (Nord).—Chains, bolts, and other articles of hardware.

146 DIETZEL & Co. Cloth Manufacturers, Strasbourg (Bas-Rhin).—Keseymore cloths. Zephyr cloths of various colours.

147 DOUBLET & DUCLERE, A. Shirt-makers, 21 Rue de la Paix, Paris.—Shirting and various made-up articles.

148 DUCHAR, D.Manufacturer, Roubaix (Nord).—Cotton textures for trousers, &c. (Other articles of apparel.

149 DUCOS & PRETY, Fan Maker, 11 Rue des Fontaines, Paris.—Various fans, and pasteboard mounds for folding fan leaves.

150 DUSSEL, — Silk & Glove Manufacturer, Lille (Nord).—Fine yellow and white raw silks; silk gloves of different colours.

151 DUYAL & FAYE, Lamp-makers, 1 Boulevard, St. Denis, Paris.—Boube and porcelain lamps, with stand, shade, and glass; different objects in bronze.

152 DUMONT, T. Prey-de-Oise (Oise).—Silk buttons of all sorts.
158 DAMEVINN. — Poudres, near Crepy (Oise), Depôt at Crepy. — Artificial hones, for agriculture.
New principle for feeding bees.

154 DAVOIS, — Manufacturer, Amiens (Somme). — Various patent tins for furniture, designed and manufactured by the exhibitor.

155 DAVOIS, — Papier-maché (Seine and Oise), and 4 Rue de Bassé, Paris. — Paper hangings, painted by the hand, and capable of being washed.


161 DEPPEY, P. Athénée-du-Bas (Pas de Calais). — Pasteboard; line pasteboard; straw pasteboard; for binding, packing, &c.


164 DIEFFMY, Athénaie-du-Bas (Pas de Calais). — Pasteboard; line pasteboard; straw pasteboard; for binding, packing, &c.


168 DUMAS & BACON, Chemical Production Manufacturers, Labèche, near St. Denis (Seine). — Various chemical productions.

169 DURAND & COUNEG, 81 Rue Chevavres, Bordeaux (Gironde). — Boot-legs; calf-skins, rough, white, and black.


171 DUCHEON, House Painter, 16 Rue Croix des Petits Champs, Paris. — Preparation for artistic and monumental painting; applicable upon flag-stones in damp places.


173 DUCHEON, — Brushmaker, Lille (Nord), and 40 Rue de Paris. — Patent mechanical brush for rubbing floors.

174 DUCHEON, A. Silk-producer, Tournon (Rhône). — Yellow raw spun silk. Organizes, employed in manufacturing the rich stuffs, ribbons, crapes, and satins of Lyons and St. Etienne.

175 DUREAU, Leuen, Son & Co. St. Omer (Pas de Calais). — Clay pipes, patented; and clay figures. Samples of various sorts.

177 DUMOULIN, B. Bonneau, near Lille (Nord). — Bunch of raw flax, French growth, reeled in the river Lys (Nord) in 1849.


181 DURAND, P. 55 Rue de Grenelle St. Honoré, Paris. — Administrative printing office and library; lithography; litho-typography. Stereotype on stone, and stones for lithography.


183 DURAND, J. F. Forget-les-Eaux (Seine-Inferieure). — Green copper, or sulphate of iron.


185 DURAND, P. Hoppeker, Meudon (Oise). — 5 Rue de l'Ecole, stone, with spring-shifting bevel, to support the wooden bars in stables. Holes (with concentric knot) for buildings and for the navy. New invention, patented.

186 DURAND, — Le Sevres du Drobe (Lot et Garonne). — Stove-oven: new principle, patented. Reduced model of the functioning apparatus, one-third of its size.

187 DURAND, J. 8 Rue de l'Ouest, St. Michel, and the drags, colonial groups, made of plasters.

188 DURAND, J. Agriculture, 35 Quai de Jemmapes, Paris. — Agricultural products: wheat of various qualities, rye, barley, winter-barley, oats, and potatoes, the produce of La Césaré farm, at St. Maurice, near Paris.

189 DURAND, A. Casn (Calvados). — Yellow and white silk yarn, especially suitable to lace and blonde manufacturing.

190 EUVREY, C. N. Manufacturer, Charmes (Vexin). — Imitations of different marbles, prepared by means of oil-stucco.

191 EUVREY, C. N. Manufacturer, Charmes (Vexin). — Black, grey, and metal-blue morocco skins.

192 EUVREY, C. N. Manufacturer, Charmes (Vexin). — Various chemical processes, process for lithographic colour printing.

193 EUVREY & LECESTRE, of the Institution of Christian Schools at Lille (Nord). — Dry and green herb mowing machine, invented by the exhibitor, and executed by Albert Dutreux, his pupil.

194 FABUS, J. M. Montgréve (Hauts-de-Seine). — Woollen jackets, knitted by the hand, for the working classes.


198 FABER-GERARD, V. A. Passey-les-Paris (Seine). — Woollen and cashmere, dyed in various colours, for manufacturing cashmere shawls and fancy articles.


201 Fossey, Lemanier, Flex Spinner, Bolbec (Seine-Inferior).—Flex threads, lawn threads, warp and woof for power-loom weaving; panels of cotton worsted.

202 Faure, Sperber, Comb Makers, 10 Boulevard Bonne Nouvelle, Paris.—Tortoishell and buffalo-horn combs.

203 Fayolle, L. T. Cross Manufacturer, 100 Galerie Valois, Palais National, Paris.—Crosses, medallions, and various insignias of civil and military orders and corps.

204 Fiducy-Brothers, V. A. Dyer, Passy-les-Paris (Seine).—Dyed Cashmere threads. Fine wool and Valenza textures.

205 Flax brothers, Carpet Manufacturers, Nice (Gard).—Carpet of various kinds; short-carpet carpets, &c.

206 Fontaine, M. Painter’s Brush Manufacturer, 41 Rue des Marais, Paris.—Various paint brushes.

207 Forney, Larré & Co., Manufacturers, Reims (Marne).—Scuffs for waistcoats, dresses, chokers, and palettes.


209 Froment, Cloche, Wooden Shoe Manufacturer, 15 Rue Neuve St. Martin, Paris.—Wooden shoes of different shapes.

210 Furey, Manufacture, 10 Rue Tamara, Paris.—Essences, &c., nutritious meals, chocolates.

211 Figue, Son & Co. Tummers & Carriers, Toulouses, (Haute Garonne).—Various sorts of leathers, for saddles, harness, shoe-makers, &c.

212 Fies, Louis, St. Omer (Pas-de-Calais).—Various sorts of clay pipes.


217 Fouche, M. Manufacturer, Javel, near Paris (Seine).—Design, representing an apparatus made of stone and lead, for the production of sulphuric acid. Patented.

218 Frey, A. 37 Rue Batacat, Besançon (Din).—Various files made of French cast steel; some of which are cut by the hand, others by machinery.

219 Fromage, L. 5 Rue des Petits Bœux, Darnétal (Seine-Inferior).—Power-logs, improved by the exhibitor. For weaving Boues and Scotch articles.

220 Fromont, Working Engineer, Chartres (Eure and Loir).—Improved model of a Turbine made after Fontaine’s system.


223 Gaudeaux, P. jun., Cloth-Manufacturer, Nancy (Muret).—Fine woolen cloths, new patterns.


225 Girod & Brochard, Manufacturers, Reims (Marne).—Merino fabrics, unbleached and coloured.

226 Gaillard, 210 Rue de Fenouaille St. Denis, Paris.—Copper, iron, and brass -wire gauge, &c.

227 Gaillard, Le Fort, Sous-Jouette (Seine et Marne).—Various grinding stones. Grinding-stones, in pieces, manufactured and dressed with rays. Squares of grinding-stones. The above are fitted for grinding all sorts of grain.

228 Gaudefroy, Brothers, 25 Rue d’Enghien, Paris.—Lamps, bronze. Suspension mechanical lamps, for dining-room and other purposes.

229 Gallimard, N.A. 4 Rue Honoré Chevalier, Paris.—Designs for manufacturers; Epistle-writers writing their epistles. St. Apoline. St. Laurent; made on window-glass, for decorating the choir of St. Laurent’s Church in Paris.

230 Gallimard & Co. Iron-works, Dijon and Forge-aux-train (Cher).—Best iron (called Berry iron); proper for agriculture, edge-tool making, ironmongery, and carriage building.

231 Garenay & Co. Rue Bellefont, Paris.—Brass bedheads. Hollow iron furniture, &c.

232 Garnier, V. St. Nicolas d’Allermon, near Envers, (Seine-Inferior).—Astronomical clock.

233 Garrosse, J. Bousquet (Herault), near Montpellier. Written compositions, for educational purposes, leaving blank the tenons of verbs.

234 Garnaut, jun., 14 Rue de la Parcheminerie, Paris.—Typographic prints, with bearing-blocks, vignettes, &c., a new invention, patented in France and in foreign countries.

235 Gavard, A. 9 Quai de l’Horloge, Paris.—Diarigaphs and Fantographs, for reprinting maps and typographical charts, tableaux, and drawings of all descriptions.


238 Gilbert & Co. Manufactury at Givry (Ardenne).—Depots, 18 Rue Guinancourt, Paris; and 105 Regent Street, London.—Various pencils for drawing, architecture, offices, &c.

239 Giraud, P. G. Bureau, F. Engineer, 39 Rue du Commerce, Lyon (Rhone).—Machine, called dargouette, employed for the preparation and drying of silk, woollen, and cotton goods.

240 Girard & Brothers, Manufactury at Cambray and Valenciennes (Nord).—Bassampe (Pas de Calais); Verriers (Alome); Clermont (Oise); 40 Rue de Cleré, Paris.—Lawn and cambric.


242 Goros, J. E. 25 Rue Montholon, Paris.—Various chemical productions, for preserving furniture, pictures, &c.


244 Grandjean, 43 Rue des Marais, St. Martin, Paris.—Design for manufacturing carpets.

245 Graux, J. L. Yves, at the Port de Haut-champ, Cours à Guyenne (Alome).—Glassed and silk-like wool; fleece, being a peculiar variety of merino sheep.
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246 GRIMALDI, jun. Hotel du Sauvage, Gray (Haut-Sane). — Alimentary preserves (French cooking).


249 GROZELIN, A. Geographer, 7 Rue du Bâtard, St. Amand (Paris). — Celestial globe. Geometrics and transparencies used also as lamp-shades. New sphere in the Copernican system. Terrestrial globe, with spherical covering, to represent the alterations of day and night.


251 GUILLENOUX BROTHERS, Manufacturers, Meudon (Seine and Oise). — Coach and livery lace.


253 GUYOTIN, L. Etienne, 14 and 99 Rue du Bourg, St. Denis (Marne). — Blankets, of various qualities.

254 GUYOTIN & BAILLY, 7 Rue de Sable, Paris; houses at Versailles, Cambray, and Nancy. — Printed and embroidered white cami and handkerchiefs.

255 HABER, jun. 37 Faubourg St. Martin, Paris; and 13 Castle St. Holborn; and 299 Regents St. London. — Patent moderateur lamp, called Jallot.

256 HAKMANN & SONS, Munster (Haut-Rhin). — Depôt at Lyons and 36 Rue de Senlis, Paris. — Open cottons; white calicoes; calico muslins; jacoet muslins; and printed woolens and cottons.


258 HAYOT, Jules Joseph, Coachmaker, Caen (Calvados). — Four-wheeled carriage: patented. Constructed so as to be divided into two separate parts.

259 HELIO INDUSTRIEL & Cie. Strasbourg (Bas-Rhin). — Ornaments made of patty-stone, for decorating the inside and outside of buildings.

260 HELSER & Co. 129 Rue Montmartre, Paris. — Needlework, and canvas for ornamental use.

261 HENRY, 1 Rue St. Sauveur, Paris. — Scarves and feather-brooms, of various colours, made of ostrich, peacock, and other feathers.


263 HERRS, G. 6 Rue de la Veillière, Paris, Agent, 245 Bread St. London. — Figured tissus in various styles.


265 HOSTIN, — Flower-maker, Etal (Morbihan). — Flowers, leaves, and baskets made of shells.

266 HUARD BROTHERS, Versailles (Seine and Oise). — Nautical work, of various sorts.


268 HUMBERT, Madame Josephine, Mondeville, near Caen (Calvados); manufacturer, 2 Rue du Grand Chantier, Paris. — Flowers, fruits, leaves, lace, and guipure, in relief, embossed, and raised.

269 HUX, J. B. 76 Faubourg St. Martin's, Paris. — Various locks. Machine for cutting and bending at the same time hooks and eyes, made and invented by the exhibitor ; patented. Hooks and eyes out by the said machine.

270 HUX, W. Rouen (Seine-Inférieure), and 13 and 14 Rue du Cimetière, St. Nicholas, Paris. — India-rubber articles, braose, and twists.

271 JACOBSON, — China-painter, 43 Rue du Faubourg St. Denis, Paris. — One dozen painted plates, in porcelain of Sévres. Two large paintings on porcelain, flowers and fruits, exhibited by the Sévres National Manufactory.


274 JAPON & SONS, Claye, near Paris (Seine et Marne). — Printed calicoes. Prints, articles for furniture; and mantles for dresses.

275 JAPY BROTHERS, Bessancourt (Haut-Rhin), and 103 Rue du Temple, Paris. — Watch-making : clock and watch works. Ironmongers, &c.

276 JOLY, F. M. (Loire and Cher). — Purified oil, for watchmakers, machinery, and fire-arms.

277 JOLY, E. Esternay (Marne). — Depôt, 24 Rue du Faubourg St. Denis, and 9 Rue de Mr. Lessueiller's, Paris. — Two large vases in porcelain, all in one piece, ornamented.


280 KELNER, — Hydrographic Engineer, 40 Rue de la Basil, Paris. — Double planisphere for navigating on the great circle system.

281 KISSEL, F. Chiseler, Strasbourg (Bas-Rhin). — Silver alto-relievo, representing groups of animals and hunting parties.

282 KISSEL, EXILE, Wood-carver, 45 Rue de Babylone, Paris. — Holy-water basin, carved in pear-wood, of a single piece. Oval frame, with the flowers and ribbons carved in oak wood, gilt by Picard.


284 LAFAYE, P. 9 Rue de l'Empereur (Barricte Blanche), Paris. — Painted window-glass. The subjects chiefly composed by the exhibitor.

285 LAULUX, — Havre (Seine-Inférieure). — Noncapable yazi.

286 LAUNE, L. Schlostadt (Bas-Rhin). — Various speciments of wire gauge, for machine-made paper factory.

287 LANGLOIS & LECLEZIO, Booksellers, 81 Rue de la Harpe, Paris. — Various scientific and literary illustrated works.

288 LARTIER, G. Agent of the Slate Works, Angers (Maine et Loire). — Angers slate, the produce of eight quarries belonging to the Company.

289 LAURIEUX, E. 10 Rue des Jeuneurs, Paris. — Manufacturer, designs for printing on tissues, made use of by various houses in France and abroad.
316. Louet Brothers & Co. Bordeaux (Gironde).—Chocolate and mustards, manufactured by steam.
317. Maire & Co. Chemical Manufacturers, Strasbourg (Bas-Rhin).—Acetate of lead, soda, lime, copper, acetate acid; white-lead, purified alcohol, vinegar. Patented.
319. Malaper, — Chemist, Poitiers (Vienne).—Sulphate of magnesia and sulphate of soda, obtained by new manufacturing processes.
321. Main & Co. Booksellers, Printers, and Bookbinders, Tours (Indre & Loire).—Various illustrated works, bound or half-bound.
322. Malinoux, — Proprietor and Manager of the Agricultural School of Le Charmois, Font Leroy (Loiret and Cher).—Combed wool, the produce of sheep reared at Le Charmois.
324. Montoifier, — Paper-maker, Annecy (Arôche); depute, 18 Rue de Sèze, St. Germain, Paris.—Various sorts of paper and card-paper. Fessicular "natural vegetable paste copying-paper," and "animal parchment." The latter article is employed to make caricatures for the French navy.
326. Moreau, P. 86 Rue de la Glaciere (Banlieue de Paris).—Newly-invented patent fuel, called French coal.
327. Moreau, R. Painter, Guines (Pas de Calais).—Waterproof transparent canvas (new process).
328. Moriceaux & Catrou, Engineers-workers, Mony (Oise).—Pendulum-regulator, for hydraulic movers, from one to a hundred-horse power. New invention, patented, suitable for all kinds of sluices.
329. Marechal & Gutsone, Glass-Painters, Mât (Moselle).—Painted window-glass;—1 St. Charles administering the communion to the plague-stricken. 3 A burgomaster. 3 A rose of the thirteenth century.
331. Marrel Brothers, Silversmiths and Jewellers, 27 Rue Choiseul, Paris.—Large gilt and oxidised vase. Dressing-case, cups, hunting-knives, dagger, and other gold and silver articles.
332. Marmont, — & Lebrun, P. 14 Rue de la Perle, Paris; and 37 Castle St. Holborn, London.—Articles of stamped copper, for decoration.
333. Marnier Brothers, Manufacturers at Luitelange (Moselle), Lyons, and Turin (Rhône).—Agents: Huber & Co. 2 Rue de Braque, Paris.—Silk plissé, made use of by hat-makers.
334. Orby, Son, Jules, Bernard, & Co. Paper-manufacturers, Pronsei, near Amiens (Somme).—Various sorts of papers, and endless rollers; for envelopes, pamphlet-sheets, &c.
325 Olivier, V. Deville les Rouen (Seine-Inferieure).—Plied wood, for texture-printing and engraving.

326 Oudin, C., et Chilen, 23 Rue Richelieu, Paris.—Ready-made articles for ladies.—Rich Lyon silk embossed fabrics, shawl, etc.

327 Paget, J. A. Clock-maker, Besancon, (Hersault).—New "spring-box" watch.

328 Paillet, M., et Cie, 17 Rue du Grand-St Michel, Paris.—Calf and sheep skins for leather manufacturers. Stamps, etc.

329 Pavone, C., and Cie, 45 Rue de Capitole, Rouen (Seine-Inferieure).—Patent card-making machine, and cards of various sorts, in leather and felt cloth.


341 Parout, E., Engineer, 49 Rue de l'Empereur, Paris.—Clocks, watches, and various clock-works, with new movements.


343 Perrier, Chocolate-manufacturer, 14 Rue Vivienne, Paris.—Various sorts of decorated chocolate.

344 Pichon, V., Clockmaker, 17 Rue de l'Empereur, Paris.—Clocks, watches, and various clock-works, with new movements.

345 Pierron, Son, & Cie, Nantes (Loire-Inferieure).—Mill-stones, suitable for wheelwork.

346 Pierron, A., and Cie, 46 Rue Dampierre, Paris.—Silk-frame Manufacturer, Guipures (Finisterre).—Various sorts of wool employed for manufacturing silk and hemp dishes: made by machinery.

347 Picard, E., Designer, 3 Rue de L'Enlere, Rouen (Seine-Inferieure).—Designs for woollen, cotton, and other printing; white-ground designs, chintz fashion, with portraits of Queen Victoria.

348 Pichon, P., Cutler, 46 Rue Dauphine, Paris.—Oyster opener, saw-knife, shoe-knife, and various articles of cutlery. Patented.

349 Pichon, A., 20 Place d'Armes, Poitiers (Vienne).—Imitation of marquetry, and inlaid work on thick or thin ivory.

350 Pietre, A., Clockmaker, 21 Rue des Bonnes Fontaines, Paris.—Clocks, on Imperial system. New abacus clocks, and watches.

351 Pilette, M. & Cie, 3 Rue Vivienne, Paris.—Elastic and orthopedic dress, belt, and stays.

352 Renouard, Jules, & Cie, Booksellers, 6 Rue de Tournon, Paris.—Various publications on history, science, fine arts, etc.

353 Revue, C., Cassine, Silk Manufacturers, Lyon (Rhone), and 23 Rue Paris, Galilee.—Neck-handkerchiefs, shawls, scarfs, dresses, and parasols.

354 Revue, F. Agriculturist and Feeder, Gorizoe (Calvados).—Two species of rams of a pure breed, two years old.

355 Roux, M. Dieure (Morbier).—Gelatine and tannages for preparation of textiles, silk, starch, cleavage of wines, etc.

356 Rouxet, P., Lithographic Printer, 12 Rue de Belin, Paris.—Plan of the town of Rouen; map of the district of Yves; map of the Departments of "Nord et Pas de Calais" annexed.


358 Roux, J. L., 51 Quai Valmy, Rue des Filles, Paris.—Prepared essences; colours ground by new mechanical process; tripoli, etc.

359 Roulet, Gilly, & Chapoutiere (Marseille Bouches-du-Rhone).—Felt-cream soap, for bleaching clothes, dryinng silk, etc.

360 Roux, L. 12 Rue des Cinq Diamants, Paris.—Preserved fruits.

361 Rouxel, C. Typographe Carver, Besancon (Doubs).—Music composed with movable types and matrices of the types.

362 Roux, F. Agriculturist, St. Brieuc (Cotes du Nord).—Prepared flax, employed in hand and power looms.

363 Roux, L. Starch-makers, Cambrai (Nord).—Various sorts of starch.

364 Sagan, V., Lamp-maker, 17 Rue Sainte Elisabeth, Paris.—Lighthouse for the navy, with parabolic reflector: lantern for hydraulic crane, and other lighting apparatus.

365 De Bandoy, et Cie, Chocolate Manufacturers, Turbe (Hauts-Pyrenees).—Specimens of chocolate.

366 Sanchez, H., Tack-manufacturer, Evereaux (Yvelines).—Tinning for stays, feather-beds, and furniture.


368 Savary, et Monnais, Jewellers, 2 Rue Vaugirard, Paris.—Imitations of diamonds, precious stones, and pearls.

369 Scherzer, E., Booksellers, Ebersham (Haut-Rhin).—Printed calicoes of various colours.


371 Schonhagen, M. Printer, Strassburg (Bas-Rhin).—Letter-press of all descriptions, executed by a new process. Invented by the exhibitor.

372 Schorl, M., Engineer, Thiers (Hersault).—Wheel-pleas.

373 Scheirich, F., Engineer, Belle-Ville, Pres, and 14 Rue des Solitaires.—Hemming machine, suitable to the sewing of coarse linen cloths. Machine for cutting gloves, made of skin or other materials. Patented.

374 Selmesman, G. Printer, Strasbourg (Bas-Rhin).—Letter-press of all descriptions, executed by a new process. Invented by the exhibitor.

375 Schorl, M., Engineer, Thiers (Hersault).—Wheel-pleas.


377 Joint Stock Company of the Paper Mills of Soeur (Vosges), M. Maurin, Agent, 5 Rue du Pont de Lodi, Paris.—Various sorts of writing, painting, hanging, analysing, and flower papers; imitation of Indian paper.


379 Sobrecasse, Society, et Cie, 14 Rue de l'Annonciation, Manager, Paris.—Various printed materials (called Crotomes and Moscophie).

380 Socquet Brothers, Vellum Manufacturers, 17 Rue des Vinsigiers, Paris.—Various sorts of varnish, for leather, wood, and metals, for oil and water-colour paintings; natural flowers preserved by a chemical process.

381 Sones, C., and Sones, Dyers, Esquelles-lès-Valenciennes (Nord).—Linens twisted dyed and scoured; cotton twisted dyed and glazed, called Scottish and Irish Linen. Patented.

382 Sprecher, J. J. Petit, Querquelin, near Rouen (Seine-Inferieure).—Starch, flax, and gums, made use of in the manufacture of printed calicoes.

383 Sprecher, C., Manufactory, Hesbourg (Haute-Rhin).—Plain red dye; printings on Andrinope red.
FRANCE AND ALGIERS.

356. STRUVE, P. H. 25 Rue de l'Ancreuse Comedie, Paris.—Light paintings on enamel.
357. TAILBOURG, E. Hosiery Manufacturer, 15 Rue des Manuelles paroles, Paris.—Silk gloves, scarfs, Shawls, stockings, and other new and fancy articles. Patented.
359. TAQUIL, L. H. Manufacturer of Tie, Evreux (Eure).—Various sorts of tie for bedding and stays.
360. TANBOUR, L. Glove-maker, 4 Rue Neuve St. Augustin, Paris.—Gloves cut by a new method.
361. TESSIER, L. Ivory Carver, 124 Grande Rue, Dieppe (Seine-Inferieure).—Various articles made of carved ivory; a ship, a poor man, etc.
364. TOUCHA, E. & Co. Iron Workers, Nantes (Loire-Inférieure).—Machine used to grind oak bark.
365. TRANCAST, A. A. 13 Rue Neuve St. Denis, Paris.—Tortolesh comba.
367. DU TREMBLAY, A. 3 Rue de Milan, Paris.—Specimens of drawings reproduced, by means of lithography, upon porcelain or crystal plaques.
368. TROJOT BROTHERS, Texture Manufacture, 25 Rue Stanislas, Girardin (Seine-Inferieure).—Boue. Handloom fabrics of wool, wool, thread, or silk.
369. TUDOR, C. Designer, Moulines (Allier).—Specimens of lithography.
371. ACHER, Machine-makers, 26 Rue Bourbon Ville-neuve, Paris.—Jacquard loom, with an apparatus for the substitution of the paper or pasteboard (patented in France and England); with a diagram representing the details of the apparatus.
372. ALBININ, Son, Blanket-manufacturer, 19 Rue de la Vielle Estrapade, Paris.—Woollen, merino, and cotton blankets of every size and description.
373. ARCHAMBAULT, A. Curver and Frame Maker, 124 Rue St. Lazare, Paris.—Moulkende. Frames of various kinds, fished and plated.
374. ARMAYON, H. Soap Bella, Marseille (Bouches du Rhone).—Various samples of soap for exportation.
375. AUBERT & NEKL, 285 Rue St. Honore, Paris.—Fruit bramble; peaches, raspberries, apricots, strawberries.
376. AUCHER, E. Piano Maker, 44 Rue de Bondy, Paris.—Two upright pianos, the one with oblique strings and fixed-finger-board, the other with vertical strings and movable-finger-board.
378. BALLARD, J. B. Bookseller, 19 Rue Hauteville, Paris.—Twelve volumes on medical science and natural philosophy.
379. BAILLY, C. H. & Son, Mores du Jura (Jura).—A travelling-clock, striking the quarters, and going for thirty hours.
380. BALLY, P. Watch and Clockmaker, 25 Rue Notre Dame de Nazareth, Paris.—Clocks of various sizes and descriptions. Watch and clock works.
381. BARTH, J. F. China Manufacturer, 27 Rue de la Muette, Paris.—Porcelain handles of every kind.
382. BARRAL, C. Silk Throwster, Ganges (Bérar).—Samples of raw and thrown silk, white and yellow.
383. BASSET, J., 11 Rue Constantine, Paris.—Stands for watch and clock works.
384. BATAILLER, A. P. E. au Chateau du Portail, près Montargis (Loiret).—Agricultural implements.
386. BAYARD, H. 81 Rue de la Paix, Batignolles (Seine).—Photographic drawings, in frames.
388. BAKH, A. au Moul St. Firmin (Oise).—A draining plough.
389. BERNALTE, E. Boulogne-sur-Mer (Pas de Calais).—A four-wheeled hunting carriage.
390. BERNIER, F. St. Etienne (Rhone).—Fancy folding-places of various kinds.
391. BROS BROTHERS, Bordeaux, 6 Impasse des Argentins.—Vermicelli, macaroni, starch, and flour of Sarcoines vegetables, &c.
393. BERNHARD, M. 21 and 23 Rue Croix des Petits Champs.—Violins, violoncellos, altos, fiddles, &c., and strings for musical instruments.
394. BERTHELON, N. Croyes (Anjou).—Two circular looms for the weaving of hosiery, and specimens of work.
396. BESNARD, G. A. Manufacturer of Musical Instruments, 7 Rue des 3 Couronnes, Paris.—Cornet à piston, in brass and silver, ophicleide, &c.
398. BONNE, J. Renne (Ile et Vilaine).—Four ploughs and one harrow.
400. BOLAND, A. 25 Rue St. Louis, Paris.—A mechanical kneader, adapted to mixing and washing.
401. BOUSMAL, V. & Co. Silk Throwster, à Montauban (Tarn et Garonne).—Pieces of unblushed silk for boiling flour.
402. BOUTON, Manufacturer of Mechanical Objects of Decoration, 80 Rue de la Cléry, Paris.—A bronze clock, surmounted with mechanical birds. Group of mechanical birds.
403. BOUCHER, L. A. 16 Place de la Madeleine à Paris.—A hand-mill, with its bolting apparatus.
404. BOUDON, DE St. Amand, China Manufacturer, Lamartigue, near Agen (Lot et Garonne).—Specimens of a new process of enamelling china, &c.
405. BOULANGER, Manufacturer of Bronze and Objects of Art, 48 Rue St. Sebastien, Paris.—Bronzes of various patterns, &c.
406. BOUSQUET, J. Manufacturer, 2 Rue d'Arcole, Paris.—A series of microscopes preparations.
408. BRETTON BROTHERS & Co. Pont de Cligny, Prés Grenoble (Isere).—Two bundles of paper, with drawings.
409. BRICARD & GAGNIER, Hardware Manufacturers, Wilmour (Somme), and 3 Rue Pavée St. Sauveur, Paris.—Various articles of locksmiths' work and rollers for spinning.
FRANCE AND ALGIERS.

492 BRUEL, A. Arsenical Manufacturer, 24, Boulevard Beaumarchais, Paris.—Arsenical Acid; Scheele's green, &c.
493 BUXER, J. C. 22 Rue Neuve, St. Jean, Paris.—Various apparatus, with a vessel for gaseous liquids.
441 BAUCAY, A. Bronze Manufacturer, 18 Rue Charlot, Paris.—Ornamental clocks, medallions, and various objects in bronze, marble, &c.
442 BUSSER, M. Manufacturer of Musical Instruments, 4 Rue du Boulod, Paris.—Clarinet, on a new plan; flutes, oboes, and bassoons, for military bands.
443 BUXER, E. Rue des Trois Pavillons, Paris.—Optical and mathematical instruments.
444 CAYE, J. Marble Cutter, Carrossonne (Aude), and at Rue Neuve, St. Jean, Paris.—Samples of marble from Languedoc.
445 CARYE, L. Bronze Manufacturer, 43 Rue Beauchamp, Paris.—Bronze, miniature, and daguerreotype frames.
446 CASA, H. M. Manufacturer, 37 Boulevard des Italiens, Paris.—Cases, umbrellas, parasols, &c. (Casal's system). Patented.
447 CASTERET, J. 34 Rue de la Boile de Seclere, Paris.—A cutting machine; beehive, brass, and forest cereals.
448 CHAUMAS, S. & C. Hypo & Vigan, (Gard).—Lithographic stones, from the quarries of Vigan.
449 CUAYTIN, G., Polished Steel Manufacturer, 10 Rue des Gavuriers, Paris.—Purse, purse-trimmings, handles, &c.; buckles, trinkets, and other polished steel articles.
450 CHAVIGNER, M., elder brother, Moreau du Jura (Jura).—Clocks, &c. An enamelled dial. Varied tin cases for clocks and regulators.
452 CHOYER, A. Laval (Mayenne).—Patterns of ornaments in relief, for jewel cases.
453 CHAGNY, H. L. Lace Manufacturer, St. Germain, Laval (Loire).—Various specimens of lace and fancy articles.
454 CLAY, G. 63 Rue Montmartre, Paris.—Wood and silver flutes.
455 CLEMENCE, B. L. Moreau (Jura).—Watch and clock works. Kitchen jacks.
457 COCHS & COTÉ, Hotiers, 7 Rue des Déchargeurs, Paris.—Stockings, socks, gloves, and other articles of lace.
458 COLETTA, L. 9 Rue Mandane, Paris.—Smurf-boxes, purses, needle-cases, &c.
459 COOMBE, J. Violin-string Manufacturer, 6 Rue Guyot, Paris.—Harmonic strings in silk and cat-gut for violins.
460 CORDES, C. Sculptor, 5 Rue Carnot, Paris.—Best in bronze, a negro from Timbuctoo on a column.
461 CORNUX, C. Vannes, Morbihan.—Various kinds of leathers.
462 COURIER, C. & Co., Manufacturers of Chemical Products, Cherbourg (Manche).—Iodine of potassium, carbamyl iodine, chloride of potassium, sulphate of potash, &c.
464 COUPEAUIT, E. N. 4 Rue de la Susse, Paris.—Designs for lace scarfs.
465 COUPÉR, D. Agriculturist, à Arras (Pas-de-Calais (Tribute).—Various samples of wheat. Sowing machine.

496 COVILLE, J. Designer, 31 Rue de Clery, Paris.—Designs for stuff printings.
497 CUISSER, A. 13 Rue de Marsais, St. Germain.—Moulds and stereotypes. Volumes printed from stereotypes.
499 COVILLON, H. sen., 16 Rue de la Paix, Paris.—Preserved articles of food: mussele, oyster, mushrooms, peas, truffles.
500 DARRAS, P. Silk Manufacturer, Tixin (Côte d'or).—Substances employed in silk manufactories.
501 DASSENIER & Co. P. Manufacturer, Isles sur Suleges (Marne).—Mercy fabrics of all colours.
502 DELACOUR, H. P. Tissue Manufacturer, 47 Rue Violette du Temple, Paris.—Horse-hair and "vegetable silk" textures.
503 DREVILLE, G. Machine-maker, 26 Rue du Bouley, Paris.—Portable bowitter; priming-horn; and an apparatus for sawing lying.
504 DROUET, V. & SOX, 13 and 15 Galerie Montpensier, Palais Royal, Paris.—Watch and clock works.
506 DESNOY, L. F. Tissue Manufacturer, 190 Rue du Jeu de Paume, Paris.—Steatite acid; oleic acid; light-house candles.
507 DESOUX, T. Machine-maker, at Hiver (Seine-Inférieure).—Clock-dial, with its apparatus, applicable to a new system of lighting.
508 DUBIEUX, DUBIEUX, LEPETIT, & DE FIS, Sugar Boliers, à Wagner le Grand (Nord).—Samples of beet-root sugar.
509 DUBUI, —, 58 armes route de Caen, à Rouen (Seine-Inférieure).—Four cylinders for grinding emery.
510 DUCOUP, 28 Boulevard Poissonière, Paris.—A fountain; charcoal filter, with a new kind of tap. A box containing a pressure charcoal filter. Travelling cistern in pewter, with charcoal filter. Patented.
511 DUCHAS, L. Manufacturer, Boulevard Beaumarchais, Paris.—A machine employed in the manufacture of shoes, &c. Plates for engraving music.
512 DURRY, F. L. H. Teniers, à Douai (Nord), Rue des Wet.—Strong leather from Buenos Ayres.
513 DUMONTOIT, L. Roubaix (Nord).—Bundles of flags.
514 DURAND, J. A. 15 Rue Lapelle, Paris.—A four-wheeled chariot, of the description called town-Berlines.
516 DUTRUS & Co. Cork Manufacturer, Castres (Tarn).—Depôt, 1 Rue du Grand Chantier, Paris.—Corks and sheets cut by patent machinery.
FRANCE AND ALGIERS.

488 Duprez, A. G. Arcoil (Seine)—Metallic capsules for corking bottles.


490 Duval, F. P. 17 Passage Panorama, Paris.—One hundred fans of various kinds, carved and painted, &c.

490 D'Esparge, Brasseurs, Plaine d'Ivy, Deux Moulineux, near Paris (Seine)—Various sorts of gelatine.


492 Ernoux, C. H. Hattes, 9 Passage St. Avoys, Paris.—Fancy felt hats, with or without ornaments—a new invention.

493 Esprit & Note, F. Manufacturers, 43 Quai des Rêts, Lyon (Rhône)—Drawing of a regulating scale for hosierly. Gloves and stockings, manufactured by this regulator.


501 Fastre, J. T. 3 Rue de l'Ecole Polytechnique, Paris.—Barometers, thermometers, and various other instruments of natural philosophy.

502 Faucher, L. F. Brushmaker, 7 Rue Bourg-Labbé, Paris.—Various samples of brushes for all kinds of purposes.

503 Fell, J. Manufacturer, 64 Rue Rambuteau, Paris.—Flat pieces; rug; herring, and surgical-instrument cases, and embroidery, mounted in velvet and morocco.

504 Feron, J. F. 29 Rue de Cluay, Paris.—Bannisters, with "incrustated" banisters.

505 Ferté, A. Agriculturier, La Teste, near Bordeaux (Gironde).—Samples of raw and shelled rice.

506 Fischer Brothers, Manufacturers, St. Marie-aux-Mines (Haute-Rhin)—Tinplate in cotton, wool, and dyed silk for gowns, gravels, and Madras fancy articles.


509 Fontenay, F. 9 Rue Ducommun, Nantes (Seine-Inferieure).—Percussion gun, with under-box and a safety hammer.

510 Fontet, B. Rue de la Lunette, Bercy.—Skins, hides, and leather.

511 Gassion, G. Moissac, Distiller, Haasbourdin les Lille (Nord).—Spirit of molasses.

512 Glay, M. Silversmith, 23 Rue Pasture, Paris.—A complete table service, including washing-stand, tapery, stand, inkstand, and other articles of silversmith's work.

513 Gueuet, C. F. Manufacturer of Chemical Produc, 25 Rue du Helder, Paris.—Apparatus for artificial ice.

514 Gaillard, —,-, Manufacturier de Métallof Cloth, 210 Rue St. Denis, Paris.—Various samples of metallic cloth.

515 Gaillard, E. Silk Throwster, Val (Ardèche).—Samples of raw and thrown silk of various kinds.

516 Gannary, V. St. Nicolas, d'Alliermont (Seine-Inferieure).—An astronomical clock.

517 Adens, G. 9 Quai de l'Horloge, Paris.—Instruments for the reproduction of plans, topographical maps, and drawings from nature.

518 Gaymard & Germain, 10 Rue Montmorency, Paris.—Account-books for offices, counting-houses, &c. lithographed and ruled.

519 Gevet & Lemare, 30 Notre Dame des Votaires, Paris.—Percussion caps.

520 Guerard, 3 Rue des Fossés St. Jacques, Paris.—A copper boiler with a copper grate: patented.

521 Gille, A. Manufacturer of preserved articles of food, Keroul (Morbihan).—Sardines preserved in oil.

522 Gillot, —, Lithographic Printer, 8 & 10 Rue du Chevalier du Gues, Paris.—Three frames, containing typographical proofs with stereotypes. Patented in France and Belgium.

523 Godard, Auguste & Bouillon, 40 Rue de Cery, Paris, Manufacturers.—Linen cambra, manufactured in the departments of the North, Pas de Calais, and Oise.

524 Goffinet, Salle, & Lec. Rue Faubert, Tours, & Lec. Rue Rémire (Maine), Wool Spinner.—Carded wool-spinning. Hair; wool and cotton; all wool; woolen and cashmere, of various colours.

525 Gourdon, —, Mayet (Sarthe).—A clock, striking the quarters.

526 Grosset & Co. Place du Collège, Lyons (Rhône), Manufacturers.—White damask thread table-napkins or cloths. Complete table-services.

527 Guerard, M. Dijon Côte d'Or, Mustard Manufacturer.—Various samples of mustard.

528 Gros, Oder, Roman, & Co. Wassering (Haut-Rhin), and 15 Boulevard, Poissonnière, Paris.—Cotton threads. White and printed cotton fabrics. White and printed mousseline-de-laines. Printed woolen and silk fabrics.

529 Grosset Brothers, 25 Quai Napoleon, Paris.—Philosophical apparatus. Chemical utensils, such as crucibles, capsules, spoons, &c.

530 Groult, —, Jun. 16 Rue St. Apolline, Paris, Manus.—Pastes and flours for soup.

531 Groult & Co. 7 and 9 Rue Frépillon, Paris.—Various kinds of copper tubes.

532 Guérard, B. Roux, & Co. Laferté sous Jouvray (Oise).—Millstones, whole and in pieces.

533 Guérol, A. Elbarg (Seine-Inferieure), Dyers.—Samples of wood dyed in various colours, and used in the manufacture of broad-cloths.

534 Guillot, J. A. 17 Rue de Bolog, Paris.—Shoes, &c. and tanned leather.

535 Hervé, C. A. 1 Rue St. Sœur, Paris.—Feather brooms and screens.

536 Henry, C. 21 Côte St. Sébastien, Lyons (Rhône), Machine Maker.—Steel combs for weaving silk and cotton stuffs.

537 Herve, —, Crest (Drôme), Silk Throwster.—Samples of raw and thrown silk.


539 Hezier, Mdlle. Mary. 3 Rue de l'Échiquier, Paris, Silk Glove Manufacturer.—Silk-net mittens and gloves.


541 Huc, —, 31 Rue Corbeau, Paris.—A complete apparatus for grinding alimentary substances, entirely in wrought or cast iron, or brass.

542 Huesco, F. C. 13 Quai de la Tournelle, Paris.—Transparent cloths for the reproduction of drawings, maps, and plans.

543 Imild, F. Strasbourg (Bas-Rhin), Veterinary Surgeon.—Plaster casts modelled from nature, representing club-foot of horses both before and after the operation.

544 National Printing Office, Paris.—One bound volume, typographical specimen; and three geographical maps.

545 Jacque, R. Arras (Pas de Calais).—A doublesowing machine.

FRANCE AND ALGIER.

547 JACQUOT, — Nancy (Mourthe).—Violine, one alto and one violoncello.

548 JAMIS, — 71 Rue St. Martin, Paris.—Optical glasses, set and unset.

549 JEROME BROTHERS, Amiens (Somme), Machine Makers.—A machine for winnowing wheat.

550 JOY, J. Esterany (Marne), and M. LONDELL, 24 Faubourg St. Denis, Paris, China Manufacturers.—China vases, porcelain, lacquered.

551 JONKEL, J. J. Stay Maker.—Stay of every kind.


553 JOURNEL, J. Cork Manufacturer, 44 Rue du Commerce, Grolleau (Seine).—Mechanical corks. Cylindrical capsules, for seizure-water.

554 KIRK, J. Cabinet-maker, 14 Rue Bonaparte, Bordeaux (Gironde).—Mechanical bed, on a new plan; patented in England.

555 KURHAN, BROTHERS, Manufacturers of Chemical Products, Lille (Nord).—Collection of samples of twenty different chemical products.

556 LAMM, Musical Instrument Manufacturer, 17 Rue du Calvaire, Paris.—Brass musical instruments.


558 LAZIER, E. H. l’Hotelier (Calvados).—Herrick flax.

559 LAVRAS BROTHERS, Amiens (Somme).—Varasioche and japanned leather, for shoes, &c.

560 LAVRAS, E. 10 Rue des Tanneurs, Paris.—Manufacturing designs.

561 LATACHE DE NEUILLETTE, P. A. Ferme de Valbrunet.—Samples and pieces of merino wool.

562 LAUREY, Mme. PAULINE, 44 Rue Richer, Paris.—Painting on porcelain.

563 LAURET, F. Cabinet-maker, 5 Rue Chapou, Paris.—Drawing-cases, portfolios, liquor-cases, flower-stands, and other articles of cabinet-work.

564 LEBER, A. Glass Painter, 21 bis Rue Laval, Paris.—Painted glass windows, in the style of the 13th, 15th, and 16th centuries, and modern style, with historical subjects.

565 LECLERC, L. Rebelle and Tinguery (Marne).—Samples of dyed and undyed wool.

566 LEDE, J. A. 4 Rue St. Claude au Marais, Paris.—Philosophical Instruments.


568 LEFEBVRE, J., Manufacturer of Agricultural Implements, Post-Route Gallardon (Eure et Loir).—Ploughs, models of ploughs, and a machine for throwing clover-seed.

569 LEFEVRE, H. Agriculturist, Pont l’Abbe (Finistere).—Wheat-flour, of various kinds. Potato-flour.

570 LEFÈVRE, A. 3 Rue Chapou, Paris.—Various specimens, models of telescopes and microscopes, and a coffee-pot of the exhibitor’s invention.

571 LEFÈVRE, J. Jun., Marble-worker, 9 Boulevard du Temple, Paris.—Mantelpieces for chimneys, carved in various styles.

572 LEFÈVRE, A. J. B. 37 and 30 Rue Fontaine, St. Georges, Paris.—Pear-tree carved frame.

573 LEFÈVRE, J., Manufacturer of Church Glass Windows, 70 Rue St. Fane, Paris.—Stained glass windows, for churches.

574 LEFÈVRE, BROTHERS, Angers (Maine et Loire).—Hemp in a raw state. Heckled hemp and flax ropes.

575 LEFÈVRE, A. F. 4 Rue J. J. Rousseau, Paris.—Sea and pocket chronometers. Watches, with cylinders and fuseses. Various springs, for watch and clock making.


577 LEFÈVRE, BROTHERS, Distillers of Moissac, War- guenel (Nord).—Various samples of alcohol and impure potash.

578 LEFÈVRE, T. & Co. Ceruse Manufacturers, Moulines, Lille (Nord).—Lamps.

579 LEFÈVRE, A. 15, 53 Nantes-sur-la-Fosse (Loire-Inférieure).—Oxide of zinc.

580 LEFÈVRE, — Manufacturer, 39 Rue St. Denis, Passage Basfour, Paris.—Metallic match and tinder boxes.

581 LEGAL, H. Châteaubriand, (Seine-Inférieure).—Calf leather.

582 LEGUARD, M. 99 Rue de Cherche, Middi, Paris.—Printing type, specimens of Chinese impressions. Composition plates of embossed type, for printing for the use of the blind.

583 LE GRAY, G. Chem. de Ronce de la Barrière de Clichy, Paris.—Specimens of photography.

584 LEMAITRE, P. H. Sculptor, 3 Rue Jean Bart, Paris.—Sculpture, a statue and a head.

585 LEMOUREX, E. J. 87 Rue de Seine, Paris.—Frames, richly embossed.

586 LEMORD, A. Clothier, Vire, Calvados.—Various descriptions of woollen cloth, satin, damask, &c.

587 LEMOYR, C. 55 Boulevard St. Martin, Paris.—Ornamental iron bedsteads.

588 LE PAHANT, L. Agriculturist, Pont l’Abbé (Finistère).—Potato flour and gluten.

589 LEPAUTE, J. Chocolatier, 21 Rue St. Andrés, Lille (Nord).—Ground chloody, called powdered Mocha; Mocha in half beans; powdered Mocha.

590 LESCOE, H. Designer, 35 Quai Bourbon, Paris.—Two frames, with specimens of photography.

591 LESCOUR, D. A. Angers (Maine et Loire).—The model of a vat for fermenting wines in a closed vessel.

592 LESTRAND, F. J. Nantes and Belle Isle sur Mer.—Preserved soups, meats, fricassées, tarts, &c.


594 MACHER, M. Manufacturer, Reims (Marne).—Zephyr cloths; superfine kersey cottons; satined merinos; smooth and double-milled valenties; cloaks; shawls; and sultana cloths.

595 MAISON, E. Manufacturer, 26 Rue Grenier St. Lazare, Paris.—Moulded, carved, and engraved smoking-bottles, with silver mountings.

596 MANETTE BROTHERS, Manufacturers, Villeneuve, near Clermont (Hérault).—A piece of red and a piece of dark blue cloth for armed clothing.

597 MAILLOT, C. Manufacturer, Pas de Calais).—Net-work, imitation of Valencianes.

598 MAKEY, A. & Co. Printers and Booksellers, Tours (Indre et Loire).—One hundred and five pound or half-pound volumes.

599 MAFTPON BROTHERS, Paris (Seine).—Springs for watch-work, lamps, and musical instruments; and various other springs.

600 MANIA, Mlle. Rue du Pot de Fer, Paris.—Anatomical picture.
### FRANCE AND ALGIERS

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<td>Marchand, J. B. Bronze Manufacturer, 57 Rue Bobillers, Paris.—Gilbert bronze candelabras and pendulums, with marble pedestals.</td>
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<td>5 Rue de la Bourse du Commerce, Paris.—Three chimney pieces carved in white marble.</td>
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<td>Marion, A. Stationer, 14 Cité Bergère, Paris.—Fine and fancy papers. Machine for folding envelopes.</td>
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<td>Martin, S. 9 Rue d’Orléans, Marais, Paris.—Various kinds of clock and watch movements.</td>
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<td>Martin et Cie, Plush Manufacturers, Tarare (Rhône), and Metz (Moselle). Depots in Lyons and Paris. —Silk plush for gentlemen’s hats.</td>
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<td>Mathieu, W. D. Buckle Manufacturer, Bethel (Ardennes).—Samples of iron and steel buckles.</td>
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<td>Maucouls, E. G. 36 Rue de Grammont, Paris.—Five colored dagsuette, in a different style, for France and England; bronze statuettes. The same in imitation of bronze.</td>
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<td>Mayer Brothers, 43 Rue Vivenne, Paris.—Camera obscura for daguerreotypes, frame with specimens.</td>
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<td>Mayer, Madame J. Fancy Paper Manufacturer, 22 Rue de la Vieille Monnaie, Paris.—Fancy papers, specimen of engraving and lithography, fans, pasteboard, and sweetmeat envelopes.</td>
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<td>626</td>
<td>Née, Son, &amp; Co, 22 Rue de Sentier, Paris.—Designs for printing shawls, furniture, silk handkerchiefs, and dresses.</td>
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<td>627</td>
<td>Mazarin, J. G. 83 Passage du Notre, Paris.—An imitation of polished steel and oxidized silver. Patented, as a substitute for gilding.</td>
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<td>628</td>
<td>Mazer, J. M. F, Engineer of the Mines of Anzin, Nord.—Apparatus patented in France, England, and Belgium, for the extraction of ore, the free and safe ingress and egress of miners in and from the mines.</td>
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<td>629</td>
<td>Mazer, J. F, Engineer of the Anzin Mines, Nord.—An apparatus to supersede the use of ropes in the extraction of the ore, with six wagons. The apparatus is constructed on the scale of one fifth of its natural size.</td>
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<td>630</td>
<td>Muller &amp; Prud’homme, Printers (Vienna).—Paper precluding the possibility of forgery. Postage stamps of different impressions.</td>
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<td>631</td>
<td>Murat, P. J. 7 Faubourg du Temple, Paris.—Bronze: door knockers, stag hunting, mare and foal.</td>
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<td>Murat, J. H. 7 Rue de la Juiverie, Paris.—Designs for lace manufacturers.</td>
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<td>Musset, A. &amp; Cie, Printers (Suez), and 74 Faubourg Poissonnière, Paris.—Plattet card, roving card. Turning-laths, emery cylinders. A loom for spinning with 240 spindles.</td>
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<td>Musset, S. 31 Boulevard Bonne Nouvelle, Paris.—Diagonal stringed cottage planes. For exportation.</td>
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<td>Mauclair, L. T. Rue des Capitaines, Nantes.—Curried, japanned, and yellow calf leather.</td>
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<td>Messers, 6 &amp; 8 Avenue, Engine Makers, Pont de l’Arche (Seine and Oise).—A portable mill on a new principle, for grinding corn and all sorts of grains, and capable of grinding hard substances.</td>
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<td>Mistrot &amp; Hamois, Manufacturers, Valenciennes (Nord).—Linen fabrics, pieces of cambric and lawn.</td>
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<td>Misuri, C. Designer, 1 Rue Hauteville, Paris.—Different designs for fabrics.</td>
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<td>Misuri, E. Manufacturer of Chemical Products, Paris.—Various kinds of Paris (Seine).—Bottles containing various extracts of the colouring matter of dyes for woods.</td>
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<td>Michaud, T. Ribbon Manufacturer, 13 Rue Montmartre, Paris.—Silk and velvet ribbon.</td>
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<td>Milon, M. Théodore, Manufacturer, Beine (Marne).— Woolen fabrics, barge, &amp;c.</td>
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<td>Millard, L. Troyes (Aube).—Enamelled plates with inlaid designs, for decoration.</td>
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<td>Millet, D., Manufacturer de l’Etoile, 53 Rue Hochchoisard, Paris.—Berceaux and candles, soaps.</td>
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<td>Mirouche Brothers, Card Makers, Rouen (Seine Inférieure).—Cards made with machinery invented by M. A. Mirouze, and patented.</td>
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<td>646</td>
<td>Mirouze, F. &amp; Co, Printer, 5 Rue des Aubignens, Paris.—Various kinds of printed paper, iron, and steel.</td>
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<td>647</td>
<td>Mollat, W. Brothers, Manufacturers, Amiens (Somme).—Fabrics in woolen and silk for dresses, shawls, &amp;c.</td>
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<td>651</td>
<td>Moreau, &amp; Co, Shirt Makers, 23 Rue d’Enghien, Paris.—Linens and cambric shirts, with stitched and embroidered fronts.</td>
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<td>653</td>
<td>Moser, W. Watch and Clock Maker, 15 Boulevard du Temple, Paris.—Clocks set in black marble. Travelling clocks of all descriptions.</td>
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<td>655</td>
<td>Moreau, E. Manufacturer, 39 Rue Montmartre, Paris.—Laces, head-dresses, caps, tobacco-bags, and net purses. Various fancy articles in chain-stitch work.</td>
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FRANCE AND ALGIERS.

666 Mounier & Bourlard, 24 Rue Cribonil, Nantes (Loire-Inférieure).—Periscope spectacle glasses, white, blue, and unclassed, and mirrors.


668 Mulot & Son, 69 Rue Rocheschaumard, Paris.—A sample of sounding instruments.

669 Nasr, H. J., China Manufacturer, 22 Place Royale, Paris.—Articles of white and gilt or decorated china.

670 Navarre, B. Manufacturer, Reims (Marne).—Stuffs for waistcoats and cloak. Fine light cloths for dresses. Double-milled cloths and kerseymere satin for scarfs. Shawls.

671 Neraudeau, J. A. Ledger Maker, 16 Rue des Fausses Montmartre, Paris.—Various ledgers for offices, &c.

672 Newboure.—Lamp Maker, 4 Rue Vielli, Paris.—Omnibus lamps with movable burners. Convex glass lamp; night lamps. Patented.

673 Noc, V. & Son, Anony, Ardèche.—Twisted or plated wicks for stearine wax candles. For exportation.

674 Nicholas, P., Cylinder Engraver, Chausse de Bataillon, Paris.—Machine, intended for cutting the bottom of engravings rollers for printing fabrics. Patented.

675 Nodor & J. E. Bookbinder Glider, Passage Dauphine, Paris.—Various books bound and gilt in a very rich style.

676 Noë, 8, 83 Rue de l'Arbre, Paris.—Ivory combs with hollow round teeth, in every variety.

677 Numa, Gra, & Co., Sugar Refiners, Valenciennes (Nord).—Samples of sugar extracted by the process of Mr. Delarue from molasses.

678 Occus, J., Manufacturer of Fancy Articles, 26 and 30 Rue Notre-Dame de Nazareth.—Speciality of fancy articles in cornelias and agates, such as offices articles, articles of jewellery, &c.

679 Oudin, C. Manufacturer, Béthencourt (Marne).—Unbleached and dyed merino fabrics.


681 Paillier, E. Manufacturer, 16 Rue de la Grande Chaîne, Paris.—Mirrors with copper and zinc frames. Various objects in zinc, in imitation of bronze.

682 Paillier, J. M. Manufacturer, 21 Rue des Franch-Bourgeois, (au Marais), Paris.—Artists' colours, crayons, and boxes.

683 Park, V., Dentistry, Sort, & Co., Clothiers, Elbeuf (Seine-Inférieure).—Gentlemen's superior fancy articles, such as trousers, waistcoats, place, for winter and summer of various colours.


688 Pernf & Ménruit, Manufacturers, 9 Rue Bourbon Villeneuve, Paris.—Samples of cashmere throws. Cashmere tussah cuttings.

689 Petit, Cleves, Manufacturer, Boulainvilliers (Marne).—Pieces of unbleached and dyed merino fabrics of fine quality.

690 Philip, — Tortoise-shell Articles Manufacturers, 16 Passage Choisen, Paris.—Tortoise-shell brooches, ornaments, circles, and rings.

691 Philip.—Embroiderer, 21 Rue des Puces de l'Envolite, Paris.—An embroidered album.

692 Pin, Bataille, Manufacturer, Roubaix (Nord).—Woolen, satin, and satin-de-chine cuttings for dresses, merino, shawls, &c.

693 Pinchez.—34 Rue St. Marguerite, Fanbourg St. Germain, Paris.—Carved chair.

694 Pichon, V. Jeweller, 10 Rue des Filles du Calvaire, Paris.—Ornaments, bracelets, ear-rings, rings, and other articles of jewelry of gilt or plated gold. Patented.

695 Poitrevin & Son, Clothiers, Louviers (Seine-Inférieure).—Fancy cloths for place, (summer and winter materials).

696 Poulant & Carpentier, Spinners and Tissue Manufacturers, Ambon (Marne).—Samples of carded thread. Remnants of Reims cloths and flannels made by machinery.

697 Pouyat, J. China Manufacturer, Limoges, St. Leonardo, and St. Trèix (Haut-Vienne).—Raw materials for making china. Different samples of china.


699 Frayssinet, P. Picture Brush Maker, 4 Rue Quincampoix, Paris.—Various brushes for all kinds of purposes, artistic and commercial.

700 Sandeau, — 11 Boulevard Montmartre, Paris.—Dequeurotype miniatures.

701 Sainville, A. 8 Rue du Petit Bourbon, Paris.—Frame with engravings.

702 Seguy, A. Rue d'Assas, Paris.—Chimney, carved in white marble, medal, bas-relief, panel moulding, angel's head, &c.

703 Simeux, J. Bookbinder, 38 Rue de l’Arbre, Paris.—Bound books.

704 Slate Works Company of Limoges and St. Louis, Sur Meuse (Rimogne).—Slates of various kinds.

705 Thiroux, — Wig Maker, 4 Rue Vide Gousier, Paris.—Perukes and fronts.

706 Condon, A. Manufacturer, 44 Boulevard Beaumarchais, Paris.—Stamped and cast-brass furniture ornaments.

707 De Tillycourt, E. 85 Rue de Chaillot, Champs Elysées, Paris.—Factory for the spinning of raw silk from the North of France.

708 Tilly, — Artificial Flower Maker, 2 Rue Ménil, Paris.—Artificial flowers, ball dresses, wedding head-dresses. Patented.

709 Trönder, — Bone Black Manufacturer, Cambrai, Nord.—Machine, used in the construction of factory chimneys. Bone black of various qualities.

710 Trelon, Weldon, & Wild, Button Makers, Rue de Bérou, St. Antoine, Paris.—China knobs of every kind.

711 Trotte, H. Hosier, 19 Rue Quincampoix, Paris.—Hosier, retwork, &c.

712 Troadec, Coty, & Co., Tanners and Curriers, La Saxe (Sarthe).—White calf leather; Japoned calf leather; boot leg.

713 Tude, Lamp Maker, 9 Rue Saint-Ange, Paris.—Porcelain lamp of all kinds, and appendages.

714 Tuvax & Co. Fancy Article Manufacturers, 13 Rue de Choiseul, Paris.—Ribbons, silk-works, and fancy goods.

715 Vaché, New, Bois, & Co., Place Saint-Séver, Lyons, Rhône.—Two machines, applicable to the cleansing of corns.


717 Vaux, C. Artificial Pearl Manufacturer, 161 Rue St. Martin, Paris.—Various kinds of pearls; pearl head-dresses; statuettes mounted with pearl, &c.

709 Valay & Rouillé, Shirt Makers, 70 Rue de Rambuteau, Paris.—Ready-made shirts. Shirt fronts of every kind made by machinery and by hand. Shirt collars. Stocks, flannel waistcoats, &c.

710 Vassort, Manufacturer of Travies, Bethel (Ardenne), Pieces, marine fabric, grey and dyed. 


714 Van Leemputz, De Couty, & Co. Quinquengronge Glass Works, near Chapel (Alsace).—Large and small-sized bottles for all kinds of purposes.

715 Van Maller, Cotton Spinners, Lille (Nord), Rue de la Fosse. Cotton yarn for muslins; water-twist, glazed for lace and bobbin-net; dyed and bleached yarns; glazed yarn (imitation of silk), &c.

716 Vasme, Doctor of Sciences, St. Quentin (Aisne), Manufacturier à Lorsbou, Pont Neuf, Paris.—Universal guage, comprising 17 different gauges, and indicating which to use in every particular case.

717 Varrall, Middleton, & Elvey, 9 Avenue, Trudaine, Paris.—A continuous process paper-machine, with a complementary machine to divide in sheets.

718 Vaugues & Tauch, Rue Maurepas, Paris.—Gold and silver embroidery and lace-work; manufactured for exportation.

719 Vayry, J. Opticien, 52 Rue de Bondy, Paris.—Astronomical instruments for the navy.

720 Veiziers, A. Woolen Stuff Dyer, Futeaux, near Paris (Seine).—Dyed stuffs of merino wool.

721 Velin Brothers, Manufacturers, Gerberville, Meurthe.—Fabrics for trousers, made of unbleached yarn, plain, or with cotton, shades of various shades.

722 Verre, A. A. 17 Chaussée Magdeleine, Nantes.—Odeum arm-chairs.

723 Verney, Brothers, Linen Spinners, Lille (Nord).—Twisted threads for sewing, and for the mounting of weaving-loom. Patented in France, England, & Belgium.

724 Verseput, P. Chemist, Blom (Puy de Dôme).—White and red lead, made by a new process: patented in France.


727 Vidal, R. Toulouse (Haute Garonne).—Vermicelli, nutritive pastes, starch, &c.

728 Visser, & Sons, Spinners and Manufacturer, Reims (Marne).—Plain and printed fabrics in cotton, silk, and fancy threads, for ladies’ dresses and for woollens. Bobbin-machine: patented.

729 Viquet, E. 6 Boulevard Beaumarchais, Paris.—An hydrallic foot-warm, or chafing-pan, adapted for day or night use: patented.

730 Vincent & Timonart, Manufacturer, 21 Rue Michel le Conte, Paris.—Sealing-wax, wafers, gelatine-sheets, writing-inks, &c.

731 Vinicard, G. Lace Manufacturer, 4 Rue de Chosseau, Paris.—Half a shawl and a piece of lace-work, made upon a new principle.

732 Visierie Brothers, Manufacturers, Toulouse (Haute Garonne).—Artificial stone; capitals; monuments; ornamental chimneys in the Renaissance style, &c.

733 Visieries, Manufacture de Seine et Oise.—Large and small clock chimes, indicating minutes and seconds.

734 Viven, E. T., Districative Painter, 6 Rue des Petits Hôtels, Paris.—Patterns of hangings painted with wax.

735 Villania, J. B. 43 Rue Croix des Petits Champs, Paris.—A complete set of string and bow musical instruments, with bows made by machinery: patented.

736 Wagoner, Clockmaker, 57 Rue Neuve des Petits Champs, Paris.—Clocks of different structure and mechanism, a dynamometer, and other philosophical instruments.


738 Wakeley, D. Chocolate Manufacturer, 10 Rue Royale, Lille (Nord).—Chocolate of various descriptions.

739 Walker, J., Bookbinder, 2 Rue Hauteville, Paris.—A new invented binding and coating paper.

740 Weigall, A. Bronze Manufacturer, 108 Rue du Temple, Paris.—Clocks and candelabras in bronze; statues and groups in artificial marble.

741 Weil, Son, & Co. Charleville (Ardennes).—Plates and card-stands for wool or cotton.

742 Williams, H. Paper Manufacturer, 13 Rue de Charenton, Paris.—Three panels, in the Tuscan, Gothic, and Renaissance styles.

743 Williams, H. (from London), 111 Rue de Charenton, Paris.—Paper-hangings; imitation of wood, marble, and agate.

744 Wolf, 2 Rue St. Appoline, Paris.—Ivory carving.

745 Yox, Mme. 110 Rue Vieille du Temple, Paris.—Eight carved wood medallions, representing religious subjects, executed by Messrs. Veche, Gayrand, and Yon.

746 Zuber, A. Rue des Marronniers, Lyons.—An upright piano. Patented.

747 Zuber, A. Organ Maker, Lyons (Rhône), 8 Rue des Marronniers.—The gymnasium of the pianist: “Octavians” piano, a new invention.

748 Bouwille, E. & Sons, Joint Stock Company, C. H. Schattmarch, Manager, Bouwille (Bas Rhin).—Alum, sulphate of iron, prussiate of potash, yellow and red Prussian blue, gelatine, glue, &c.

749 Appolony, G. L. Vallerange (Gard).—Silks and silk cocoons.

750 Allard & Claye, Perfumers, 317 Rue St. Denis, Paris.—Cakes and balls of soap; liquid or cream soaps, of various kinds; perfumes.

751 Averty, Manufacturer of Alimentary Preserves, Paris.—Preserved, roasted, and stuffed mutton.

752 Arell, N. G. 3 Rue de la Barillerie, Paris.—The machinery of a complicated clock with a new dial. A tall-tale clock, indicating the days of the month. Another, with simple movement. An hydrometer for liquids.

753 Anheuser, M. Manufacturer of Horticultural Implements, and various other Implements of Horticulture, 9 Place St. Germain, Desprez, Paris.—Drying-frames, pruning-knives, fumigating apparatus, grafting-knives, hedging-knives, saws, and other horticultural implements.

754 Auzenard, P. H. Clermont Ferrand (Puy de Dôme).—French opium and syrup of lettuce.

755 Ayer Brothers, Silk Manufacturers, Lyons (Rhône), 26 Port St. Clair.—Dyed silk; silk for lace; finished caging for lace; edging for embroidery.
756 Barrande, J. B. 36 Rue du Fer à Moulins, Paris.—Tanning, tanning, and dying. Manufactured calf, kid, lamb, sheep, and goat skins, for boots and shoes, &c.

757 Barthélemy, L. de, Loges, Commune de Côte St. Honoré, Allier.—Specimens of silk cocoons.

758 Basset, A. Agent of the Marsanne Mines, Drôme, and Basse Alpes. Paris.—French Tripoli, called Tellurine.


761 Béranger, J. Manufacturer, Lyons (Rhône).—Scales, weighing-machines, and various other implements for weighing. Improved and patented.

762 Barber, D. J. Optician, 39 Rue des Marmousets, Paris.—Microscopes; camera lucida; and instruments for land surveying.

763 Bess, Silk Manufacturer, 7 Rue St. Marcel, Lyons (Rhône).—Silk fabrics of ancient manufacture; figured brocade and taffeta; chasuble crois; woven portraits of Louis the Fifteenth and Catherine the Second, &c.

764 Brouard, G. Silk Manufacturer, 26 Rue St. Clair, Lyons (Rhône).—Fancy silk articles; Soyeuses nappés, chintz gros de Naples, chintz shawls, chintz parasols, &c.

765 Bayers, G. 4 Rue Magasin, Paris.—Concave glasses; polyhedral; lenses; eye-glasses, &c.

766 Bonnetti, H. 48 Rue Vavin, Paris.—Horn and orthopedic bandages.

767 Beaugué, 34 Rue de la Victoire, Paris.—Painting in imitation of the marquetry of the St. Louis and the Breslev.

768 Blanchet Brothers, Manufacturers of Steel Articles, Furey, near Tullins (Isère).—Locomotive strap in natural and wrought-steel.


770 Bozec, M. C. Manufacturer, 6 and 8 Cour des Miracles, Paris.—A door with the application of a security bolt on a new system.

771 Bontinck, Silk Thrower, St. Valier, Drome.

772 Bontez, Brothers, White Lead Manufacturers, Eaubourdin (Nord).—Lumps of white lead; bottle of ultramarine blue.

773 Bess, J. B. 26 Rue St. Hébranthe, St. Michel, Paris.—Marble table in mosaic work.

774 Bousset, Lérely, & Co., Gelatine Makers, Rue du Petit Bourbon, Paris.—Gelatin figures, painted and ornamented: a variety of specimens.

775 Bouchez-Brazier, W. Mrs. Printer and Bookseller, 5 Rue de l’Éperon, Paris.—Natural history of the Moa, of golden birds. Description of machinery. The art of rearing silk-worms, &c.

776 Bouchez, E. & Co. 15 Rue des Vinsigniers, Paris.—Cylindrical vases, hardware and treilles; timed by electro-chemical process.

777 Boucilliat, Lithographer, 226 Rue St. Martin, Paris.—A frame representing a lithographic plan of Paris.


780 Bress & Joiffer, Milliners, Rue Richelieu, Paris.—Millinery articles; head-dresses, bonnets, caps, &c.


782 Brown, E. Silk Thrower, Château de St. Selves, near Bourdeaux (Gironde).—Unbleached silk and silk cocoons, the produce of the breed of Brussel silk-worms.

783 Budt, J. F. A. 13 Rue de la Roquette, Paris.—Kitchen utensils and cast-iron stoves.

784 Buxton, E., Euge, Bonnet, & Co. of Manosque (Basses Alpes).—Three kinds of raw silk.

785 Camarón, G. A. 13 Rue Tarnante, St. Germain.—Drawings on wood for typographical engraving.


787 Carnet & Rous, Silk Throwers, St. André de Valbors, (Gard).—Raw silk, yellow and white.


789 Comazi, M. de la Rochelle (Charente-Inférieure).—Boxes of sardines preserved in oil.

790 Comazi, F., 9 Rue Rambuteau, Paris.—Specimens of preserved food.

791 Comazi, L. F. 33 Rue Travertine, Paris.—Dyed and milled goods, and paste colours for paper-hangings.


793 Comazi & Héron, Manufacturer of Ultramarine Blue, Wassemes-les-Lille (Nord).—Specimens of ultramarine of ten different qualities.

794 Comazi & Soes, Silk Spinners and Reelers, St. Vaillant (Drome).—Specimens of raw silk. Specimens of thrown silk. Specimens of silk cocoons.

795 Chatelet & Barnet, Rochelle (Charente-Inférieure).—Specimens of preserved fish.

796 Clay, J. Printer, Rue St. Bénolit, Paris.—Composing frames. Albums; illustrated volumes.

797 Clerget, C. H. Ornamentalist, 10 Rue Albion, Paris.—Composed designs and proof engravings.

798 Cottin, Bavarot, & Son, Manufacturer of Combs for weaving, 26 Rue des Capucins, Lyons (Rhône).—Steel and brass weaving-combs of all descriptions.

799 Collet, M. A. C. 8 Rue des Vinsigniers, Paris.—White and coloured essence of almonds and pine-apple.


803 Coquil, A. I. T. Vaux, Pontiercourt (Alsace).—A nectograph, or instrument for writing in the dark.

804 Coupelle, D. 11, Rue du Renard St. Sœur, Paris.—Calf leather.

805 Courtauld, Manufacturer of Ultramarine Blue, 9 Quai de Javel, Grenelle (Seine).—Bottles of ultramarineblue.

806 Courts, R. Chassé de Clignancourt, Paris.—Leather for saddlery. Calf leather for boots and shoes.

807 Coudert, F. Stoff-Manufacturer, 169 Rue de Charonne, Paris.—Various pieces of Cashmeres, for waistcoats and scarfs.

FRANCE AND ALGERIA.


690 DEZOTER, H. 8 Rue Royale, St. Honore, Paris. — A close carriage, on new springs, painted blue, with plated ornaments, gray lining, and movable windows.


692 DESPLHAMER, jun. Rixy-sur-Oise (Seine et Marne). — Machines for washing, cleaning, and combing wool. Samples of washed and combed wool.


699 DORVET, J. P. Hêtre (Seine-Inférieure). — Power loom.


702 DUMONT, P. 12 Rue Chévenon, Paris. — Carving on wood: vis., a bouquet of flowers, and a garland of flowers and fruits, gilt and burnished by a process that resists damp.


705 DUIN & BAL, Manufacturers of Weaving-combs, 10 Rue St. Polycarpe, Lyons (Rhône). — Weaving-combs, with from 220 to 290 teeth in the space of 10 inches.


707 EUXNER, sen, and Son, Saillans (Drôme). — Waste silk, and three fancy silks.


710 FABOCOURT, E. 47 and 58 Rue d’Enfer, Paris. — Marble statues of a boy overloaded with fruit: Grasp all, lose all.


712 FLECHERON, H. Place d’Espagne, Bonne, and at M. DURAN’S, Architect, 17 Rue de Lille, Paris. — Seven views of Rome and Alburn, with other views.


714 FRAYS, — Rue de Crevais, Paris. — Groups of animals; chandeliers and candlesticks in bronze and cast-iron.

715 GAULIER, B. Wool-spinner, Sommes (Marne). — Wool spun by hand, for the manufacture of veils, barge drinking glasses, and other light articles.


718 GAUDET DE KINNE, Artificial Flower Manufacturer, 41 Rue Richelieu, Paris. — Specimens of manufactured leaves for artificial flowers.


720 GAILLARD, sen. 60 Rue St. Louis, Paris (Marais). — Musical instruments: Harmony horns, cornets, aichorn, trumpets, clarions (chromatic), counter bombardons, ophicleides, and trombones, &c.


722 GIBRY & Son, Silk Spinners, La Salle (Gard). — Specimens of raw silk, white and yellow.

723 GILLET & Co. Pencil Manufacturer, Givet (Ardenne). — Composition pencils.

724 GILLIE, J. M. China Manufacturer, 28 Rue Paradis Poissonnière, Paris. — Statuettes, vases, flags, decanters, and various other articles in white and ornamented porcelain.

725 GILLOT, F. Bronze Manufacturer, 19 Rue du Pont-aux-Choux, Paris. — Clocks and chandeliers, various compositions and groups in bronze.

726 GIRAUD BROTHERS, Tanners, 36 Rue du Fer-à-Moulin, Paris. — Morocco leather, real and imitation, for bookbinding, portfolios, furniture, and boot and shoemaking.


729 GRAHLIO, P. A. Dieppe (Seine-Inférieure). — Gros de Normandy.

730 GRATIS, A. Director of the Paper Mills at Essone, 6 Rue Vivienne, Paris. — White and coloured papers.


733 GUEZ, — 10 Rue de la Concord, Paris. — Books in various bindings: Missal, mosaic volumes, bibles, prayer-books, &c.

734 GUERERE, — Cutler, Langres (Haut Marne). — Samples of cutlery.


736 GUILLIN & WARING, Manufacturers, Rue St. Fracré, Paris. — Woollen fabrics, woollen and silk mixtures, unbleached and dyed.


FRANCE AND ALGIERS.

683 Haraway, E. Artificial Flower Maker, 15 Rue de Chaussee, Paris.—Hair-dresses, gown-trimmings, &c.

684 Harwood, G. Manufacturier de Splendours, 7 Rue de Meta, Liége (Nord).—The model of a machine for combing silk, wool, and silk. A machine for combing wool, articles used in spinning silk, wool, and silk, such as gilis, cylindrical combes, &c.


687 Hauteville, E. Designer, 14 Rue de Mail, Paris.—Designs for long and square shawls. Hauteville, F. & Soma, 18 Rue de Mail, Paris.—I-ong and square shawls of broadened cashmeres.


672 Herault, M. 22 Rue Neuve St. Eustache, Paris.—Designs for slippers.


674 Héroux, J. B. Nimes (Gard).—Cabinet articles; window with Venetian blind and inside shutter.

675 Héroux, H. & Co. Cotton Spinners, Chartres (Loire),—Spun cottons, bobbins, aleins, wefts, and chalms.

676 Holsteyn, J. St. Etienne (Loire).—Terra cotta models.

677 Honore, E. Porcelain Manufacturer, 6 Boulevard Poissonniers, Paris.—White and gilt porcelains.

678 Honore, E. 33 Rue de l'Arbre Sec, Paris.—Trading paper.

679 Honore, C. E. 29 Rue Bergère, Paris.—A door in the style of Louis XIV.; niche and pilasters of a figured fruit in renaissance style; cariactures, medallions, vases, and capitals.

680 Huet, J. Polished Steel Manufacturer, Rue Pastorelle (Marseilles), Paris.—Trimming for purses; bead recticles; buckles, brooches, bracelets, pins, &c.

681 Huet, J. J. & S. Grasse (Var).—Bottles of various essences.

682 Huet, A. Assistant Engraver to the Mint, Hotel des Monnaies, Paris.—Impressions from relief engraved plates; bank notes; playing cards; stamps, &c.

683 Huyett, J. Cloth Manufacturer, Bas-Rhin.—Various fabrics; black satin, black cloth, china satin, twilled, amazon, &c.

684 Huyett & Co. Lille (Nord).—A fœtus for generators, with its appendages.

685 Huyett & Bourn, Manufacturers of Musical Instruments, 15 and 15 Rue Grenet, Paris.—Violins, guitars, barrel organs, &c.

686 Jacobi & Deceras, Shoemakers, 32 Rue de la Paix, Paris.—Ladies' and children's boots and shoes.

687 Jaudin, A. Manufacturer of Tinfoil for Mirrors, 15 Rue de la Croix St. Martin, Paris.—Tinfoil and coloured engravings.

688 Javel, C. 10 Rue Geoffroy Marie, Paris.—Desigens for fabrics.

689 Janseley, J. F. P. 93 Boulevard Beaumarchais, Paris.—Cabinet work: oak sideboard, dressing-room furniture, arm chairs, and chairs (Louis XVI. style).

690 Joly, L. Cabinet-maker, 33 Foubourg St. Antoine, Paris.—Rosewood wardrobe, carved, with looking-glass, and small etagere.

691 Joly, J. M. Rope-maker, St. Malo (Ille et Vilaine).—Rope-work for shrubs.

692 Joly, Mmes. Sisters, 45 Rue Neuve St. Augustin, Paris.—Fancy white satin, white drill, mobair, &c. Stays; trimmings, &c.

693 Jouvin, V. X. Glove Manufacturer, Grenoble (Isère), and 18 Boulevard Poissonniers, Paris.—Glove-leather; gloves; patent machine for cutting out gloves.

694 Koeppel, E. 17 Quai Voltaire, Paris.—Lithographic printing.

695 Laboulaye, C. & Co. Type-founder, 30 Rue de Madame, Paris.—Specimens of various type-founts, and printing.

696 Lamooy, G. Merino Manufacturer, Bethel (Ardennes).—Unbleached and dyed merino fabrics.

697 Lauge, A. 19 Rue de la Roquette, Paris.—Cartoons bedecked ornamented with bronze, and having an elastic bottom.

698 Laneveu & Co. Floss-silk Thread-spinner, Laferte (Seine and Oise).—Floss-silk threads of various qualities.

699 Laboulot & Leclercq, Booksellers, 81 Rue de la Harpe, Paris.—A treatise on botany; Pitarch; Algerian typography, &c.

700 Laporte, V. & Soz, Cloth Manufacturers, Limoges (Haute Vienne).—Double-willed cloths, light grey, plain Marengo, &c.

701 Laporte, Son, Brothers, & Jacques, Manufacturers, Bordeaux, Girondes.—Assortment of spun wool for knitting woollen blankets. Short-napped carpets. Samples of manufactured hides.

702 Lapeyrere, J. B. Lace maker, 40 Rue Rambuteau, Paris.—Twists, silk buttons, and other articles of trimmings.

703 Lapeyrere Brothers, Hoarer, 19 Rue des Mauvais Paroles, Paris.—Stockings, gloves, and silk mittens. Scotch thread, silk poplin, and cashmere. Various other articles.

704 Laquere, A. D. 180 Rue Montmartre, Paris.—A patent churning machine, with flaps and cast-iron bottom.

705 Lazard Amiz, V. & Lacroix, Silk-handkerchief manufacturers, Avignon (Vaucluse).—Thread, silk, and cotton kerchiefs. Flagon of garancine.

706 Lazard, L. J. 120 Rue de Grenelle, St. Germain, Paris.—Specimens of binding; Lewis's Sketches; Napoleon in Egypt, &c.

707 Laperve, Son, & Co. Lille.—A glazed wardrobe of cheeswood wood, with inside of oak, and panels of cedar wood.


709 Lemontier & Co. Designer in Iltre, 1 Rue du Coq St. Honoré, Paris.—Various trinkets set with hair ornaments.

710 Leyer, E. D. Clasp Manufacturer, 12 Rue des Vinsapierges, Paris.—Clasps for gloves.

711 Le Chauvillet, P. Sotteville-les-Rouen (Seine Inférieure).—New signal-whistle; float-whistle, with single and double effect. Manometers.

712 Leger, C. V. Manufacturer, 14 Rue Pastorelle, Paris.—Drawings from sculpture, effected by mechanical process.


714 Lund, J. A. V. 2 Rue Chapon, Paris.—Paleographical designs. Manuscript of the fifteenth century, on parchment.

715 Beze, 69 Rue du Rocher, Paris.—Model of a machine for extracting oil from bituminous schistus.

716 Malassez, F. P. Chemist, Poliers, Vienna.—Sulphate of magnesia, and sulphate of soda.
FRANCE AND ALGIERS.

917 Masou, E. Nantes (Loire-Inférieure).—Japanese calf-leather.
918 Madrich, Mme. Elisa, Colourist, Rue du Pont de Fer, St. Sulpice.—Gesso of zinc, for painting in water colours and in oil.
919 Mare, J., 20 Rue de la Carrière, Paris.—Screwjack loading-machines.
920 Matisse, F., Iron Master, Angoulême (Vienne).—Flat and squared iron refined. Cast-iron for artillery purposes.
921 Maury, Buffet & Valenfant, Marny, Lyons Rhône.—Fancy silk crayons and collars.
922 Martin de Lignac, A. Agriculturist, Mont Le-Vade, Commune de St. Sulpice (Creuse).—Patent concentrated milk.
923 Martini, C. S. Manus, 8 Rue de la Paix, Paris.—Clocks, chandeliers, and various articles in bronze.
924 Maufray, J. N. 4 Impasse St. Michel, Chartres (Eure et Loir).—Machine applicable to flour-mills.
926 Messier, E. M. Painter, Noyon (Oise). —Oil paintings, copies, metal engravings, et all.
927 Mesieux, —100 Faubourg St. Antoine, Paris.—Drawing-room furniture. Cupboards with mirrors. A bed, chest of drawers, &c.
928 Mesieux, — Corset Maker, 1 Rue du 29 Juillet, Paris.—Two fancy corsets.
929 Millaux, — J., 29 Rue de la Paix, Marmande (Bouches-du-Rhône).—Various samples of soap.
932 Morier, C. Rue des Trois Bornes, Paris.—Orchid for drying and printing stuffs.
933 Mosswald, — La Rochelle (Charente).—A twelve trowel mill of Acacia.
935 Neck, — J., 3 Rue Gravelle, near Havre (Seine-Inférieure).—A double plate, with holes set in rubies, for engraving all kinds of metals.
936 Noire, F., Filter Manufacturer, 14 Chemin de la Ronde de la Barrière des Verrières.—Stone apparatus for filtering water.
938 Odent X. Sons & Co. Courtalain (Seine et Marne).—Papers made by machine and by hand.
939 Oden, J. J. M., 17 Rue Culture, St. Catharine, Paris.—Household and toilet soaps, and perfumery.
940 Pailler, — Bookseller and Publisher, 18 Rue de Seine, Paris.—Thirty-two volumes of various kinds.
941 Paix de Beaufort, C., Seiches (Maine et Loire).—Bees-hives in wood and straw.
942 Palmer, J. L. Wire Drawer, 16 Rue Montmorency, Paris.—Specimens of new wire, welding, &c.
944 Parent, — 33 Rue des Arts, Paris.—Weighing scales, weights, and measures.
945 Parvyn, A., Manufacturer, 12 Rue St. Oppoline, Paris.—Waxen leaves. Ladies' head-dresses.
946 Pau, — Locksmith and Machine Maker, 366 Rue St. Honoré, Paris.—Safes and locks of various kinds.
948 Peckham Brothers, Manufacturers of Preserves, Mass (Harce).—Bottles and boxes of preserves.
949 Penestre, F., 1 Rue Château de Saint-Germain (Indre et Loire).—Various kinds of leather.
950 Perrier, J. Manufacturer of Preserves, 6 Rue de la Mousse, near Nantes (Loire-Inférieure).—Boxes of trifled game, surdines, green peas, and various preserved meats; bottles of fruits.
951 Perrier, G. J. sen. Engraver on Steel, 8 Rue Mandel, Paris.—Steel engravings of different descriptions.
952 Perrier, F. & Co. Manufacturers, 12 Rue de la Bretonnerie, Paris.—Artificial flowers; fancy feathers for dress; gold, silver, and pearla embroidery, &c.
953 Pettet, J., Engraver, 3 Place Dauphine, Paris.—Copper-plate engravings of machinery.
955 Pichon, B. Steeple-carpenter, Rambouillet, near Brest (Finistère).—Steeple-carpenter for the building of buildings; made of beechn wood and bent by steam machinery.
956 Philipps & Caillau, Manufacturers of Preserves, Ville-en-Bocage, Nantes (Loire-Inférieure).—Bottles and vessels occupied in the manufacture of preserves.
957 Pissarro, B., Bronze Manufacturer, 13 Rue des Esquins Rouge, Paris.—Fenders, with shovels and tongues, gilt and oxidised, or gilt and bronzed. Patent screen.
958 Pissarro, J. E. 29 Rue de Breda, Paris.—A 4-ton steam-engine of 10-horse power.
959 Pissarro, J. E. Brush Maker, 297 Rue St. Martin, Paris.—Samples of brushes for various purposes.
961 Plümer, M. Moulinez-Lilie; Agent, M. Gauthier-Bouquet, Rue du Coq St. Méry, Paris.—Ceruse, or white lead.
962 Follot Brothers, Brest (Finistère).—Composth of granite.
963 Foucher, L. Machine Maker, 33 Rue de l'Arbousier, St. Martin, Paris.—Patent copying-presses; presses for sealing letters; autograph presses; stamping-machine, &c.
964 Fortez, 5 Rue Neuve St. François, Paris.—Clocks of various descriptions and patterns.
965 Fournier, A. Manufacturer, 6 Cours des Brosses, à la Guillotière, Lyons (Rhône).—A double plate, with holes set in rubies, for engraving all kinds of metal.
966 Fournier, — Optician, 65 Rue St. Louis (Marais), Paris.—Eyes glasses; spectacles, &c.
967 Fouquet, Mechanist, Rouen (Seine-Inférieure).—Apparatus, available for a 40-horse power, by which any number of mowers may be connected or disconnected at pleasure.
968 Frédère, J. Sculptor, 1 Rue Voltaire, Paris.—A statue in Grecian marble.
969 Frédère, M. Mouton & Commercy, Array-le-Duc (Côte-d'Or).—Samples of tools and files.
970 Fovarchet, B., Place du Château-Rouge, Montmartre.—A China plate, with portrait representing Queen Victoria and the Royal Family.
971 Favier, J. F. Designer, 26 Boulevard St. Martin, Paris.—Design for a white lace counterpane, Brussels application, without trimmings.
972 Favier, M. Manufacturer of Steel (Marne).—Unbleached and dyed merino fabrics, of different qualities.
973 Randome, J. Clothier, Abbeville (Somme).—Dyed cloths: beaver, cashmere, summer satin, &c.
974 Rave, C. F. Bootmaker, 31 Rue Feydeau, Paris.—Various descriptions of shoes and boots.
975 Rave, C., 3 Place du Dome, Strasbourg (Bas
1006 Scribe Brothers, & Dancer, J. Thibou Manufactur-er, Marguerite et Helene, near Lille (Nord).—Linen thread. Various kinds of cloth. Ticks woven by power-loom.

1007 Scribe Brothers, Flax Spinners, Lille (Nord).—Flax and flax-lace thread, manufactured by new processes.

1008 Sgoth, Joseph, Manufacturer, Pay (Haute Loire); and 40 Rue des Jeunes, Paris.—Silk lace.

1009 Scahr, J. A. Floor-cloth Manufacturer, Strasbourg, (Bas-Rhin).—Glazed cloths for floors, embroidery, cloaks, &c. of various qualities.

1010 Schinewald, — Strasbourg (Bas-Rhin).—Samples of madder from Alsace.

1011 Serris, So, & Co. Wool-spinners, Reims (Marne).—Samples of spun wool, fuses, tape, &c.

1012 Serris, J. B. Gilde and Ornamentist, 15 Rue St. Louis en l'ile, Paris.—Gilt frames. Rustic ornaments of sculpture.

1013 Serris, J. C. Gilding and Ornamentist, 15 Rue St. Louis en l'Ile, Paris.—Gilt frames. Rustic ornaments of sculpture.

1014 Simon, E. Strasbourg.—Black and coloured prints. Lithographic aquarelle.

1015 Simon, F. 86 Boulevard du Temple, Paris.—Plastic art. a. group.

1016 Simon, T. 4 Rue Vidle Gousset, Place des Victoires, Paris.—Marble clocks, goblets, Inkstands, chimney-piece, &c.

1017 Simon, Nail maker, Valenciennes (Nord).—Samples of nails and pegs for shoes, in cut, copper, or steel.

1018 Vexile Montague Joint-Stock Company, Mr. A. Guitet, Sen. Director, 19 Rue Richer, Paris.—Sheets of zinc, of various thicknesses and dimensions; samples of zinc products; statuta, busts, and statuettes.

1019 Livel Joint-Stock Co.—M. Henry, Radoire, Honor, Gouy, & Lefoux, Managers, Landernau (Finistere).—Seal-cloth and yarn spun dry.

1020 Sokal, — Civil Engineer and Oxide Manufacturer, Grenelle (Seine).—Depot, 6 Rue de Lancy, Paris.—Various qualities of oxide of zinc.

1021 Stanin & Co. Thann (Haute-Rhin).—A spinning mule, with 120 spindles.


1024 Tabarek, P. F. 63 Rue Amelot, Paris.—Various kinds of files.


1026 Talley, J. B. 9 Rue St. Etienne, Batignolles (Seine).—Dynamometric machines, patented.

1027 Tallon, Léon, & Co. Toucoms (Haute Garonne), and Sans sur Tarn, near Albi (Tarn).—Various kinds of scythes, cleavers, and files.

1028 Tallon, Brothers, Menneton Salon, near Bourges (Cher).—A plough.

1029 Taucetstein & Cordel, 90 Rue de la Harpe, Paris.—Music, printed in types and lithographed printed volumes.

1030 Teillier, C. M. Silk Manufacturers, 22 and 27 Rue Nationale, Lyons (Rhône).—Silk, mobair, velvet, taffeta, and other stuff.

1031 Tensier du Clos, Silk Throwsters, Vallemagne (Gard).—Various samples of raw and thrown silk.

1032 Terrier, J. & Co. Dyers and Finishers, Suresnes (Seine).—Various woolen stuffs; satin; damask; mohair; muslin-de-laine, dyed and finished.
FRANCE AND ALGIERS.

1088 TEMPL T. jun. Glover, Nîort (Deux Sèvres).—
Gloves of deer, chevreau, castor, and sheep skins.

1084 Ténot, V. 550 Rue St. Honoré, Paris.—Bound
and stitched volumes. Museum of ancient and modern
sculpture.

1085 Tournel, J. Millstone Manufacturer, St. Lucien, near
Epernon (Eure and Loir).—Millstones.

1086 Triever, E. 
Clermont Ferrand (Puy de
Dôme).—Patterns of pattern glass for windows. Two
patented glasses, representing two French queens.

1087 Trehem, & Adam, Plush Manufacturer, Metz
(Moselle).—Dépôt, 10 Rue du Grand Chantier, Paris.—Silk
plush, used in the manufacture of hats.

1088 Trehem, J. Manufacturer, Rue Bât d'Argent,
Hotel des Négociants, Lyons (Rhône).—A frame, containing
nine photographic proofs.

1089 Trehem, M. Manufacturer of Printed Stuff, Mul
house (Haute-Rhin).—Printed cashmere shawls.

1090 Thomas Brothers, Silk Manufacturers, Avignon
(Vaucluse).—Dépôt, Lyons (Rhône).—Florescence from Avi
non, various shades.

1091 Thore, H. Manufacturer of Alimentary Preserves,
Rennes (Ille and Vilaine).—Hotel des Postes.—Tureens of trained
ducks' livers; and of trained red partridges. Patent in
England.

1092 Tuffier, T. Watchmaker and Machine-maker,
10 Rue de Vaugirard, Paris.—Hydraulica clock, patented in
France and England.

1093 Toualla, F. St. Etienne (Loire).—Wrought iron.
Locksmith's tools, and small cleavers, &c.

1094 Travers, P. L. 146 Fanebourg Poissonoir, Paris.—
A model of the upper part of the Custom-house. A model
of the moveable cupola of the observatory. Various models
of hothouses.

1095 Trudon, E. Jeweller, 18 Rue du Petit Lion St.
Sauveur.—Imitation pearls. Imitation pieces, for the use of jewellers.

1096 Turpin, F. A. 26 Rue Richelieu, Paris.—Chocolate,
in lozenes and various forms.

1097 Voss, — Chemist, Tours (Indre and Loire).—
Rotary pill-making machine.

1098 Vassort, H. E. Dyer, Neully-sur-Seine.—Chain
arranged for weaving. Woolen scarfs. Wool in skeins.

1099 Chamber of Commerce of Avignon (Vaucluse).—
Madder and madder extracts.

1100 Alcan, M. National Silk Mill (Vaucluse).—
Silk Spinning Mill (Villeneuve).—Raw silks, &c.

1101 Allard, Sen. China Manufacturer, Limoges (Haute-
Vienne).—Various specimens of china for the table and the
toilet.

1102 Ansco, — Sen. Manufacturer, 6 Rue du la Paix,
Paris.—Ladies and gentlemen's dressing-cases.

1103 Audry, J. P. V. Iron Master, Val d'Oise (Haute
Marne).—Cast-iron beds; grates for chimney; groups of animals; can.
DELABRAS, &c; statues and vases.

1104 Andrés J. & Earl of Bruno Brosset, Major, Château
de St. Silve, Arrondissement de Bordeaux, Girondes.—Two
ploughs.

1105 Atlan, — Bronze Manufacturer, 43 Rue de
Trévise, Paris.—Bronze and marble chimney-piece.

1106 Aubry, L. J. D. 81 Rue Richelieu, Paris.—Different
requirements for the toilet.

1107 Aubry, J. 43 Rue de Trévise, Paris.—A door
made of cast-iron and carved and gilt wood.

1108 Aubry, — Stuffs Manufacturer, 6 Rue de l'Im
passe, Paris.—Kerseymere stuffs for waistcoats, a fashion
able novelty.

1109 Audier, W. & P. Ledoux, au Figérel Peber, 46 Rue
des Lombards, Paris.—Confectionery, and articles for the
use of confectioners.

1110 Ayre Brothers, Silk Spinners; Lyons, 26 Port St.
Clair (Rhône).—Grenadine silks.

1111 Bache, P. 99 Faubourg St. Denis, Paris.—Trans
parent painted blinds.

1112 Bazot, P. & Son, Sedan (Ardennes).—Silk clothes,
and kerseymeres.

1113 Bazot, J. C. F. Manufacturer of Feather Tissues,
397 Rue St. Denis, Paris.—Basket-work, and hats of dia
mond-like feather tissues.

1114 Belay, J. — Silk ribbons.

1115 Ballester, F. Manufacturer of Silks, 20 Rue
des Capucins, Lyons (Rhône).—Figured velvets, with or
without embroidery; velvet waistcoats.

1116 Bally, jun. J. P. 41 Rue de Charonne, Paris.—
Furniture: Walnut-wood centre table, covered with silk,
with bronze statues; elbow-chairs; chairs.

1117 Barrat, — Lithographer, Chalons sur Meuse.—
Illustrated volumes of the Gospel.

1118 Baker, C. Designer, Mulhouse (Haute-Rhin).—
Designs for stone-printing.

1119 Baly, W. & Son, Lyons, 11 Rue Noire (Rhône).—
Felt and silk hats.

1120 Battenberg, G. 20 Rue du Dragon, Paris.—Speci
mens of printing; one bound volume.

1121 Baudy, A. T. Athia, Mons (Seine and Oise).—Steel
for springs and other purposes.

1122 Bassetot, & Co. (Burger, W. Successor), 7 Rue
de l'Engeliers, Paris.—Geographical maps. Plans of towns in
relief, sacred paintings, and sky-lights.

1123 Bate, — Sen. Agriculturist, Mosaic, St. Germain
(Oise).—Samples of wheat in the ear and in seed.

1124 Becktel, — Place des Quinconces.—Writing-
table, work-table, cupboard, sofa, caneeuse or small sofa,
arm-chairs, &c.

1125 Becktel, — Furniture-maker, Bordeaux, Girondes.
—A buffet.

1126 Beuthe, C. 18 Rue Notre Dame de Nazareth,
Paris.—Raw silk.

1127 Belleau, A. L. Rue de Marsais St. Martin, Paris.—
Articles of furniture in buhl.

1128 Belleau, St. Martin, Paris.—A rug
containing starch.

1129 Bellaz, J. & Co. 2 Rue du Grignon, Lyons (Rhône).—
Figured silks, &c.

1130 Blume, — National Sheep Fold of Rambouilles (Seine
and Oise).—Four fleeces of real merinos.

1131 Bernard, J. B. Valenciennes (Nord).—A panel
of veneer work and inlaid floor.

1132 Berteche, Chezno, & Co. Clothiers, Sedan (Ardennes).—Cloths of different shades, kerseymeres, satins,
and fancy articles of every description.

1133 Berteche, Chezno, & Co. 29 Rue des Fossés St.
Germain l'Auxerrois, Paris.—Seventy cuttings or pieces of
cloth, fancy silks and satins.

1134 Besançon, H. 13 Rue Foutouille St. Martin, Paris.—
Pasteboard boxes. Perfumed cases and bags. Envelopes.

1135 Breitland, Gayer, & Dumont, Manufacturers of
silks, 27 Place de la Comédie, Lyons (Rhône).—Figured
silks; shawls, neckerchiefs, scarfs.

1136 De Buxton, M. China Manufacturer, St. Amand
les Eaux (Nord).—Porcelain vases (soft biscuit), ornamented,
and mounted in bronze; flower stands, &c.

1137 Bianchi, J. & Dorekneul, Lyons (Rhône).—Various
samples of raw and wrought silks.

1138 Besson J. jun. Broadcloth Manufacturer, Bornay
(Eure).—Cloth frocks. Bronzed wadings. Blue pilot
cloth, &c.

1139 Blau, H. Engraver, 3 Rue Tourraine St. Germain,
Paris.—Embossed engraving on brass.
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<tr>
<td>1091</td>
<td>BLUM, H. - Rue des Lombards. - Divers' specimens of soaps and essences.</td>
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<td>1092</td>
<td>BORDE &amp; LEMIRE, Choisy-le-Roi (Seine). - Chemical products.</td>
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<tr>
<td>1093</td>
<td>BOULE, E. - Bell Founder, St. Croix-des-Monts (Saumur). - Stems forming perfect chimneys, and fixed in a two-storied belvedere.</td>
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<td>1095</td>
<td>BONNET, J. B. - Rousset. - A ploquet, with double subdial action.</td>
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<td>1096</td>
<td>BONNET, Jno. - Earthenware Manufacturer, 5 Chemin de la Barrière de la Vallée, Montmartre. - Chemical apparatus and crucibles for casting in refractory earth.</td>
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<td>1099</td>
<td>BOURJAS, P. - Pianoforte Manufacturer, 9 Rue de l'Ancienne Commissariat, Paris. - Samples of gilt and silver pictures.</td>
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<td>1100</td>
<td>BOURJAS, M. - Dijon (Côte d'Or). - Surgical apparatus for various uses and bandages.</td>
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<td>1101</td>
<td>BOTTER, L. N. - Engineer, 36 Rue St. Jean de Beaumarchais, Paris. - Machines for gold-beating; beaten gold, as specimens of the application.</td>
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<td>1102</td>
<td>BOUSSE, V. &amp; Co. - Rue de l'Ancien Bourbon, Paris. - Samples of gold and silver pictures.</td>
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<td>1103</td>
<td>BOUCHARD, F. - Courcour (Nord). - Satin, woolen, and cotton fabrics, &amp;c.</td>
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<td>1104</td>
<td>BOUSCHE, J. A. - 4 Rue Mondoré, Paris. - Various kinds of wood, dyed by a chemical process, which tends to their preservation.</td>
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<td>1105</td>
<td>BOURDIN, L. - Silk Manufacturer, St. Jean du Gard (Alb), - White and yellow silk for bolting cloth; webs and satin organza, gauze and other articles.</td>
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<td>1108</td>
<td>BOURDIN, E. - Machine-builder, 74 Faubourg du Temple, Paris. - Working model of a steam-engine; various instruments for measuring the pressure of steam and gases, the atmospheric pressure, the temperature, &amp;c.</td>
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<td>1109</td>
<td>BOUEILLER, F. - Woolen Fabric Manufacturer, Beauvais (Oise), and 24 Rue du Moulin à l'Heure. - Manufacturing, spinning, and preparing of cloths.</td>
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<td>1110</td>
<td>BOUVARD &amp; LANGOIS, Manufacturers of Silks, Lyons (Rhône). - Figured silks; satin, damask, brocatelle, &amp;c.</td>
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<td>1111</td>
<td>BRANDON &amp; Co. - 87 Rue Richelieu, and 40 Rue Vivienne, Paris. - Printed music.</td>
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<td>1114</td>
<td>BRIDGART, J. -数学 Instrument-makers, 23 Rue Dauphine, Paris. - Rotary air-pumps; electro-medical apparatus; electric locomotive.</td>
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<td>1117</td>
<td>BROUSSON BROTHERS, Manufacturers, Lyons (Rhône), and 13 Rue du Griffon. - Silk and cotton plusses.</td>
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<td>1118</td>
<td>BROUSE &amp; Co. - Manufacturers of Silks, Lyons (Rhône), and 1 Rue Lorette. - Plain velvets, in silk, of different colours.</td>
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<tr>
<td>1119</td>
<td>BRUSSEAU, L. A. - Silversmith, 40 Rue de Montmorency, Paris. - Silversmith's works, and fancy jewellery, such as purses, seals, scent-bottles, snuff-boxes, jewel-cases, cashboxes, &amp;c.</td>
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<td>1122</td>
<td>BUTTARD &amp; TROCHON, Blanket Manufacturers, Essonne (Seine and Oise). - Wool and cotton blankets.</td>
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<td>1123</td>
<td>BUSCH, A. - Canne Manufacturer, 18 Rue Neuve St. Laurent, Paris. - Canes in tortoiseshell and ram's horn.</td>
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<td>1124</td>
<td>BOURJAS, G. S. F. - 30 Rue des Vertus, Paris. - Matrices engraved on steel and artistic bronzes; battle of Brenneville; religious subjects; groups of animals and children, &amp;c.</td>
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<tr>
<td>1126</td>
<td>CARABAS &amp; BARRIE, Bordeaux (Gironde), and 53 Quai de Palais-de-la-Cité. - Gris flours; minots made with wheat from Bordeaux; and Egyptian flour.</td>
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<td>1129</td>
<td>CAIN, J. - Seaver, 103 Faubourg St. Denis, Paris. - Bronzes: a nest with a group of birds; fighting; a pair of goblets, &amp;c.</td>
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<td>1130</td>
<td>CANNON &amp; SOMM, Wine Merchants, Reims (Marne), and 14 John St. Cruchted Friars, London. - Apparatus for aerating and clarifying Champagne wines.</td>
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<td>1131</td>
<td>CAVALLA &amp; Co. - Bagnères de Luchon (Hautes-Pyrénées). - Chemical products: ore of argentiferous lead; ore of oxide of manganese; red litharge; and yellow litharge.</td>
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<td>1132</td>
<td>CAMBE, A. E. - Manufacture des Fossés (Seine). - Specimens of brass foundry: candlesticks, clocks, flower-stands, &amp;c.</td>
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<td>1135</td>
<td>CARREE, P. - Candelafla Manufacturer, Rue de Puits d'Alain, Lyons (Rhône). - Candelaflas; chandeliers; bronze censors.</td>
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<td>1136</td>
<td>CARRE, J. - Silk Thrower, St. André de Väborgis (Gard). - Skins of raw silk (white and yellow).</td>
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<td>1139</td>
<td>CHAOUT, J. - Feather and Fine Flower Manufacturer, 73 Rue Richelieu, Paris. - Feathers and bouquets of artificial flowers and vases.</td>
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<td>1140</td>
<td>CHAMPELON &amp; Co. - Shawl Manufacturers, 8 Rue des Fossés Montmartre, Paris. - Square shawls and scarfs in wool and cashmere.</td>
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<td>1142</td>
<td>CHAMONIETT, - Looking-glass Manufacturer, 21 Rue de la Cély, Paris. - Oval glass, bevelled mirror glass.</td>
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<td>1143</td>
<td>CHAMPAGNIER &amp; BOIVIN, Manufacturers of Silks, Lyons (Rhône). - Figured silks, divers specimens; parasols and models of dresses, trousers.</td>
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</table>
FRANCE AND ALGIER.

1146 CHARHAYE, E. Umbrella Maker, 268 Rue St. Denis, Cour des Elus, Paris.—Umbrellas, parasols, &c. with handles of different materials.

1147 CHARPY, A. Manufac. of Handkerchiefs, 4 Rue de l'Ecole de Médecine, Paris.—Surgical apparatus and instruments of every kind. Cutlery, &c.

1148 CHARPY, J. Manufacturer of Designs, 3 Rue St. Placé, Paris.—Designs for dresses and for Aubusson carpets.

1149 CHOCQUET, F. St. Denis.—Prints for stuffs. Shawls.

1150 CHOCQUET, F. Shawl Manufacturer, Paris.—Sarfs in satin bindings; with grounds of various colours, and cashmere designs.

1151 CHOQUART, C. 23 Rue St. Honoré, Paris.—Chocolates of different qualities.

1152 CROISSON & Co., Glover, 63 Rue Montmartre, Paris.—Ladies' and gentlemen's kid gloves.


1154 CLÉMENTY, Madame, Corset-maker, 8 Rue de Cort-Mahory, Paris.—Fancy corsets in bleached silk.

1155 CONNET & SOY, Chemical Produce Manufacturer, La Guillotière, near Lyons (Rhône).—Chemicals: Glauber's salt, phosphorus, prussate of potash, &c.

1156 COLLIER & CO., 5 Rue St. Étienne, Loire.—Silk ribbons.

1157 COLLIER, B. 4 Rue de l'Ecole de Médecine, Paris.—Scales and philosophical instruments.

1158 CONRAD, W. Manufacturer of Chemical Produce, 26 Rue Vieille du Temple, Paris.—Refined camphor blocks. Sublimed iodine and iodide of potassium.


1160 CORDONNIER & Co., 5 Rue Charonne, Paris.—Rosewood sideboard, revival style.


1162 COCHONVAL & Co. Embroidery Manufacturers, 79 Rue de Richelieu, Paris.—Silk embroidery on silk dresses and silk shawls.

1163 COCHONVAL, St. Etienne, 11 Place St. Charles (Loire).—Silk ribbons.

1164 COURJY, J. Hatter, Aix (Bouches-du-Rhône).—Felt hats of various colours, without dressing.

1165 COURVIEU, A. Music Instrument Maker, 21 Rue du Caix, Paris.—Trumpets, clarions, trombones, horns, ophicleides, and various other brass instruments.

1166 COURTEY, P. Dyer, 47 Grande Rue (Rhône), Lyons.—Silks dyed black for plush.

1167 COURTOIS, F. Manufacturer of Tissues, 163 Rue de Charonne, Paris.—Wooden and silk tissues for waistcoats and ladies' dresses.

1168 CROUSSE, F. Manufacturer, 8 Rue Jean Jacques Rousseau, Paris.—Jewellery, bracelets, locketins, chains, brooches, &c.

1169 DABIES & Co. Shawl Manufacturers, 6 Rue des Capucins, Lyons (Rhône).—Long shawls of wool, and of wool and cashmere.

1170 DABIES, A. T. Bookbinder, 84 Rue Montmartre, Paris.— BINDINGS ON GILT AND STAMPED CLOTH, RELIEVO; BOX COVERS IN ALTO-RELIEVE, GOLD, SILVER, AND COLOURED, &c. 1172 DEBAIS, F. A. 15 Rue Vivienne, Paris.—A piano, harpsichord, and other musical instruments.

1173 DEBROGNI, PELLERIN, & Co. Manufacturer of Embroidery, Nancy (Meurthe).—Embroidered bed-coverlets; various cards of patterns.

1174 DESAIS, V. A. M. 68 Rue du Temple, Paris.—Burnishing stones, blood-stones, steel burnishing sticks for goldsmiths, &c.

1175 DESAIS, T. 68 Rue du Temple, Paris.—Burnishing stones, blood-stones, steel burnishing sticks for goldsmiths, &c.

1176 DESAIR, A. 68 Rue du Temple, Paris.—Burnishing stones, blood-stones, steel burnishing sticks for goldsmiths, &c.

1177 DESAULEZ, L. 13 Rue du Pont de Lodi, Paris.—Various philosophical instruments.

1178 DESAULEZ, A. St. Ambroix, arrond. d'Alais (Gard).—Raw silk.

1179 DESAILLY, V. 165 Rue Montmartre, Paris.—Hot air stoves and lamps, &c.

1180 DESAILLY, V. Maker, 165 Rue Montmartre, Paris.—A hot-air stove, japanned tin lamps, fagons, &c.

1181 DESAILLIE & Co., Manufacturers of Printed Morocco Leather, Brie near Grenoble (Isère).—Printed morocco leather for slippers, &c.


1183 DEVAUX, A. D. 43 Rue des Petites Ecuries, Paris.—Porcelain clay.

1184 DEVAUX, A. Tommar Stone, 57 Quai Valmy, Paris.—A carved mantelpiece; two mangers; two filters.

1185 DECHAMPS, N. 14 Galerie d'Oriente, Palais National, Paris.—Manufacture de reliures, M. LEROY & SOY, Watchmakers, 13 and 15 Galerie Montpensier, Palais National, Paris.—Travelling and other clocks; chronometers; musical pictures, &c.

1186 DEVOLIERS, B. A. Manufacturer of Silks, Place Croix Paquet, Lyons (Rhône).—Silk plaid for hats, in pieces. Plain hais.

1187 DEVOLIERS, B. A. Manufacturer of Silks, Place Croix Paquet, Lyons (Rhône).—Silk plaid for hats, in pieces. Plain hais.

1188 DEVOLIERS, B. A. Manufacturer of Silks, Place Croix Paquet, Lyons (Rhône).—Silk plaid for hats, in pieces. Plain hais.

1189 DEVOYER, J. V. M. 58 Rue de la Harpe, Paris.—Specimens of black and coloured lace. Designs of screens, &c. with designs engraved on silk by chamois-lithography.

1190 DEVOYER, J. V. M. 58 Rue de la Harpe, Paris.—Specimens of black and coloured lace. Designs of screens, &c. with designs engraved on silk by chamois-lithography.

1191 DUGUÉ, 84 Rue St. Denis, Paris.—Chocolates and pharmaceutical products.

1192 DUGUÉ, 84 Rue St. Denis, Paris.—Chocolates and pharmaceutical products.

1193 DUGUÉ, 84 Rue St. Denis, Paris.—Chocolates and pharmaceutical products.

1194 DUCHEZ, 7 Rue Geoffroy Lapeyre, Paris.—Silk and felt spring hats with boxes. Skeletons of mechanical hats.

1195 DUCHEZ, 7 Rue Geoffroy Lapeyre, Paris.—Silk and felt spring hats with boxes. Skeletons of mechanical hats.

1196 DUCHEZ, 7 Rue Geoffroy Lapeyre, Paris.—Silk and felt spring hats with boxes. Skeletons of mechanical hats.
FRANCE AND ALGIERS.

1900 Duvois, 13 Rue St. Dominique, Faubourg St. Germain.—Waterproof hunting boots.
1901 Duvois, Shoe and Bootmaker, 20 Rue de la Paix, Paris; and 23 Old Bond Street, London.—Improved ladies’ boots and shoes.
1903 Duval, 27 Boulevard des Italiens, Paris.—Embroidered cushions, chair covers, and feather and ornamental hangings. Elbow chair and other articles of furniture.
1903 Duval, X. Courson sur Rhône.—Raw and thrown silks.
1904 Dupas, 6 Rue Folie Méricour, Paris.—Articles of preserved food.
1906 Duparqier, J. P. 20 Montée St. Barthélemy, Lyons (Rhône).—A coach seat with springs.
1907 Duval, E. P. Cabinetmaker, 8 Rue St. Claude (Marais).—Arm-chairs in mahogany and gilt. Chairs and sideboard. Bookcase.
1908 Durand, G. Leather Manufacturer, 8 Rue Marie Stuart, Paris. Tanned furs and soft leather.
1909 Durand, jun. Silk Ribbons Manufacturer, 315 Rue St. Denis, Paris. Set of samples of silk ribbons for trimmings.
1916 Estique & Delmarre, 5 Rue de Périgueux, Paris.—Metallurgical pipes.
1916 Exvall Brothers, Brass-Founders and Tanners, Givet (Ardenne).-Brass plates and wire. Tanned leather from Bois Ayres. Glue.
1917 Farion, H. Silk-Thrower, Roqueaurain (Gard).—Raw silk and cocoons.
1918 Faure, M. Sculptor, 24 Place de Madeleine, Paris.—A figure carved on wood.
1920 Faure, A. Goldbeater, 27 Rue du Caire, Paris.—Gold and plate beaten into leaves. Samples of their application.
1921 Faure, B. Locksmith, 269 Rue St. Honoré, at M. Fontaine’s, Paris.—Safety-lock.
1922 Faure, L. Manufacturer, St. Omer.—Earthenware pipes.
1923 Florance, jun. Furniture Maker, 20 Rue du Faubourg, St. Antoine, Paris.—Ebony and rosewood furniture.
1924 Florimond, Artificial Flower Manufacturer, 8 Rue Montigny, Paris.—Artificial flowers; head-dresses; flowers and fruits.
1925 Fontaine, M. Manufacturer of Silks, 16 Rue des Capucins, Lyons (Rhône).—Silk velvet of different shades.
1926 Fontaine, F. Lyons (Rhône).—Corsets of various fabrics.
1927 Fontaine, P. L. 56 Faubourg St. Honoré, Paris.—Hydraulic apparatus of various kinds.

1929 Fournier, E. P. Producers, Yvelin, near Paris.—Various chemicals and manures.
1930 Fox, J. F. Tile Manufacturer, St. Génie, Lavau (Rhône).—terra cotta and glazed tiles.
1931 Franc, A. & Son, Martelins, Silk Spinners, Lyons (Rhône).—Various samples of threads, combed wools, fancy twists.
1931 Francke, C. Piano Manufacturer, 42 Rue de l’Université, Paris.—Two pianos.
1932 Fratin, Sculptor, at M. Anbass’s, 43 Rue de Trévise, Paris.—Group of eagles, in bronze.
1932 Frézé, Machine Constructeur, Impasse St. Laurent, Belleville (Seine).—Machine for making nails.
1933 Gaas d’Agen, V. Blind Children, National Asylum, Paris.—Geographical maps in relief. Two boards for scientific letter-writing, with boxes and gratings, &c.
1934 Gandàcaud P. & Sons, Nancy (Meurthe).—Six pieces of cloth.
1934 Gantillon, C. E. Manufacturer of Silks, 3 Rue des Capucins, Lyons (Rhône).—Pictures in silk, and silks for furnishing.
1935 Gasser & Co. Shawl Manufacturers, 1 Rue de la Banque, Paris.—Cashmere scarfs, &c.
1934 Gauhrs, B. Colourman, 14 Rue du Cloître St. Marie, Paris.—Specimens of ochre, of different qualities.
1936 Gindre, L. Manufacturer of Silks, 23 Rue du Capucins, Paris.—Plain silks. Satin, of various dyestuffs.
1935 Girard, N. Port St. Clair, Lyons (Rhône).—Silk velvet of various shades.
1936 Girard, E. General, G. Manufacturer, Gen. Aix.—Fleece of Merino wool, from the flock at Nuz.
1936 Giroud, A. Silk Manufacturer, 30 Quai de Retz, Lyons (Rhône).—Silk cravats, taffeta, satin, silk, stuffs, &c.
1935 Gogard, A. Gun Barrel Maker, 130 Rue St. Lazare, Paris.—Pistols, and fowling-piece, with two and four barrels.
1936 Gondoroy, L. Tinsmith Manufacturer, 4 Quai National, Puteaux (Seine).—Printed tissues; square shawls and scarfs; dresses, &c.
1936 Gossart & Pérès, China Manufacturers, Limoges (Haute-Vienne).—Table services in China, and various other articles.
1934 Grade, L. Furniture Maker, 9 Rue Castor, Paris.—Two bureaus with shelves; large shelf-stand; toilet-table; parlour-table of inlaid work; working table, &c.
1936 Grandvaux, M. J. Locksmith, 22 Rue St. Appoline, Paris.—Locks, for strong chests, pocket-books, room doors, and other inventions of the exhibitor.
1936 Gramont & Co. Damask Linen Manufacturers, 19 Port St. Clair, Lyons (Rhône).—Damask linens, napkins, table-cloths, &c. for tea, breakfast, and other table services.
FRANCE AND ALGIERS.

1858 Griffon, Brothers & Sisters, 99 Rue St. Honoré, Paris. — Specimens illustrating the dry scouring, and dyeing of silks, velvet, ribbons, &c.
1866 Hennecart, J. F. 30 Rue de l’Echiquier, Paris. — A bolting apparatus for setting; samples of gauzes for bolters, of various qualities.
1869 Hinchenberg, — sen. Wool Spinner, Cremonany (Oise), and 24 Rue des Vinsaligres, Paris. — Woollen and Cashmere yarns and tissues.
1873 Jarno, Blanche, & Ducrigny, Silk Spinners, 4 Rue Dédiere, Lyons (Rhône). — Raw and thrown silks; cocoons.
1874 Jaulin, J. Musical Instrument Maker, 11 Rue Alibour, Faubourg St. Martin. — A panegyric connected with a piano, and an organ upon a new principle.
1879 Jouvin & Doyon, Glovers, 8 Boulevard Bonne Nouvelle, Paris. — Skins; tools used in the manufacture of gloves; dyed skins; gloves.
1880 Julienne, — Tours (Indre et Loire). — Trimmings for furniture.
1882 Kameau & Co. 79 Faubourg St. Antoine, Paris. — Several articles of furniture for dressing-rooms, dining-rooms, &c.
1883 Lacarrinere, A. 9 Rue St. Elisabeth, Paris. — Lestrés, sconces, chandeliers, medallions, &c.
1884 Lacasse & Levalef, Spinners, Rheims (Marne). — Spinning. Samples of combed and carded woollen yarn.
1886 Lachampagne, — A. China Manufacturer, 55 Rue Merci, Paris, and at Limoges. — Vases and groups in biscuit china.
1898 Lalanne & Creviller, late Mailly, Dru. (Gard). — Chemical products.
1899 Lambert & Son, Felt Cloth Manufacturer, Toulouse (Haute Garonne). — Felt cloths. Rabbit-hair hats; grey woollen hats.
1902 Laferrière & Dolbear, Manufacturers of Silks, 1 Place Roman, Lyons (Rhône). — Figured silks. Damask stuffs and shawls.
1904 Lemesiudiere, late Gouy, 5 Rue de Mouton, Paris. — Inks of divers colours.
1907 Lautrer, P. Carver, 96 Rue Médicis-Montant, Paris. — Ornaments for framework, mosaic, and parquetry work for floorings.
1908 Laverrière & Mathieu, de Verger, Silk Throwsters, Usés (Gard). — Silk spun from cocoons on the system of Verger. The same silk, wrought and thrown.
1909 Layoust, A. D. 180 Rue Montmartre. — Three chums.
1911 Lesbord, J. D. 8 Rue St. Louis, Au Marais, Paris. — Lay-figures of men and women, for artists.
1914 Lecoq & Lieder, Manufacturers, Billom (Puy de Dôme). — Earthenware and various specimens of ceramic art.
1915 Le Croisier, M. L. Oil Cloth Manufacturer, 7 Rue Bourg l’Abbé; manufacture at Bourget (Seine). — Gumdied silks and oil-cloth.
1917 Lecuyer, C. Looking Glass Manufacturer, 21 Rue de la Michaudière, Paris. — Mirrors, with gilt and carved frames.
1919 Lefèvre Ducastel, Brothers, Manufacturers, Jouarps (Nord). — Figured woolen textures for waistcoats. Fancy articles.
1921 Lefèvre, — 21 Rue Beaubourg, Paris. — Frame with fancy paper.
1922 Lefèvre, E. Georolle (Côte d’Or). — Wool in tufts.
1923 Lefèvre, D. Manufacturer, Avenue les Aubert (Nord). — Cambric and lawn; samples of hand-spun thread.
1926 Lemarié, B. Manufacturer, Fontfaveres (Marne). — Merino textures, raw and dyed, of fine quality.
1927 Lemire, sen. & Son, Manufacturers of Silks, Lyons (Rhône). — Figured silks, lampas, damasks, &c.
FRANCE AND ALGIERS.

1818 LEBELLES BROTHERS, 3 Chausée des Minimes, Paris.—Brooches, clocks, chandeliers, cube, lamps, &c.

1819 LEBOUR, P. J. Vittay.—Chemical products.

1820 LEBLON, W. Glass Manufacturers, Massières, near Cambray (Nord).—Bottles of various shapes.

1821 LEBOUR & SOI, Manufacturers, Bethel (Ardennes).—Merino textures, raw and dyed.


1824 LEYNET, M. Catsline on Wood, Rue Véron, Paris.—A carved walnut wood clock, representing a bear hunting Besso-relieve.

1825 LEON & CO. Shawl Manufacturers, 9 Place des Petits Pères.—Brocaded woolen or cashmere shawls and square shawls.

1826 LEBOUR, S. & C. Alimentary Producer, 43 Rue Berres de Scoury, Paris.—Samples of biscuit-beef.

1827 LEBOUR, M. Feather Manufacturer, 60 Rue St. Martin, Paris.—Various kinds of feathers for mantel-pieces, head-dresses; clocks; screens in peacock feathers.


1829 LEBEIG, B. & CO. Shawl Manufacturers, 9 Place des Petits Pères.—Brocaded woolen shawls and square shawls.

1830 LEBEIG, B. & CO. Alimentary Producer, 43 Rue Berres de Scoury, Paris.—Samples of biscuit-beef.

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1874 OUDARD, L. Son, & BOUCHEROT, 42 Rue des Lombards, Paris.—Fruits preserved with steam, and conversation.
1875 OUDIN & Co. St. Herblain, near Nantes (Loire-Inférieure).—Solidified milk.
1876 OUDIN, J. A. F. 29 Quai de la Fosse, Paris.—Butter preserved with or without salt.
1877 PAULLE, P. Brush-maker, 29 Rue du Grenier St. Lazare, Paris.—Hair and clothes brushes, in wood, buffalo, horn, and ivory; fancy brushes.
1878 PAVET, M. V.G. Manufacturc, Sedan (Ardennes).—Broad cloths, barsey, etc.:
1879 PAQUE, E. C. E. 111 Rue de Berry, Paris.—Samples of galvanised iron sheets; enamels in a rough state.
1880 PATEL, C. Manufacturer, Rheims. Dépot, Paris.—Woollen and cotton fabrics, for waistcoats, cloaks, dresses, etc.
1882 PAUDEL, A. 179 Faubourg Poissonnière, Paris.—A gas moderator, and a retort for the use of gas-works.
1883 PELLERIN, C. A. 14 Cour des Petites Ecuries, Paris.—Melophones of various kinds.
1884 PEYTOU & CHALAS, 21 Rue de Gobelins, Paris.—Sheep's wool; upper leather for shoes; black and Japaned calf leather.
1885 PEYR, G. G. 13 Rue des Portes.—Compositions and models of ornaments for jewellers.
1886 PEYRAT, PETIT, & Co. Artificial Flower Manufacturers, 12 Rue de la Bourbe, Paris.—Artificial flowers in Russian paper; straw, and feathers.
1887 PEYRON, E. Quimperié (Finistère).—Beech-sieve hoops.
1888 PICHARD, A. F. Jeweller, 26 Rue des Blains, Mantes, Paris.—Ornaments for head-dresses; articles of jewellery; imitation of gold and precious stones.
1889 PICQUOT, E. Cotton-spinner, Monville (Seine-Inférieure).—Bundles and cop of unbleached mule yarn.
1890 PIDAGNER, Mlle. BLANCHE, 9 Quai Voltaire, Paris.—Copy on porcelain of the Virgin of Casso Ferrato.
1891 PISSET, J. Engine Builder, St. Leger du Bourg Denis (Seine-Inférieure).—Patent heating apparatus.
1892 POMMERY, A. L. Wood-carver, 34 Rue St. Marguerite, St. Germain.—A carved chair.
1893 POUZAUD, J. Velaro-sur-Ouche (Côte d'Or).—Articles of post-board.
1895 F POURBROTHER, 35 Rue de Vaugirard, Paris.—Printed books, albums, plans, almanacs, and engravings.
1896 DE POTIÉ, & Co. Folembay Glass-works, near Coucy (Aisne).—Various specimens of bottles, glasses, and glass-wares.
1897 POUSSEVIN, 23 Rue Neuve St. Martin, Paris.—Imitation tortoiseshell combs.
1898 POUSSET, P. Shoemaker, Châteaubriand (Loire-Inférieur).—Water-light boots and shoes, and gaiters, for sportsmen.
1899 POYAT, UNCLE, & Co., 19 Rue d'Enghien, Manufacture, La Folei Nantier (Seine).—Chemicals and models of apparatus, for distillation, with metallic bath. Patented in France and England.
1900 POYOT, P. 22 Rue Neuve Coquemard, Paris.—Chemical produce; varnish for carriages.
1902 POTTON, RAMBOT, & Co. Manufacturers, 18 Rue Lafont, Lyons (Rhône).—Figure silk stuffs; damask cravats; mounted parasols, etc.
1903 POUSON, G. Manufactur, 21 Rue des Deux Angles, Lyons (Rhône).—Plain silks of various colours.
1904 PONTIN, D. 137 Boulevard de l'Hôtel, Paris.—Artificial charcoal.
1905 POUILLOUSE, R. P. Producer, 34 Rue Castell, Paris.—Chandeliers, chaise for relics, lamps, monstrances, trays, ewers, chalices, etc.
1906 PRADIN, J. Silk-spinner, Annecy (Ardeche).—Raw white silks.
1907 PRADIN, J. Sculptor, Member of the Institute of France.—Marble and bronze statues.
1908 PRADIN & Co. Woollen yarn spinners, Rheims (Marne).—Specimens of woollen yarn combed and spun by machinery.
1909 PRUNELLE, J. F. V. 20 Rue St. Picqre, Paris.—Printing designs for handkerchiefs, dresses, etc.
1910 PRUX, L. H. 3 Rue Harlay, Au Marais, Paris.—Articles of furniture, etc.
1911 PAUL, Si. Trauer and Carrier, Nantes (Loire-Inférieure).—Black and yellow cat-skins, for exportation.
1912 PRUNELLE, L. Optician, 29 Rue du Ponceau, Paris.—Tortoiseshell and horn opera-glasses.
1913 PRUIN, J. Physician, Amélie les Bains, near Arles (Bouches-du-Rhône).—Medical apparatus.
1914 PUJOL, J. Manufacturer, Beaumont (Seine and Oise).—Leather. Legs. Lace.—Lace and trimmings for coach-lining.
1915 PULKIN, L. M. 33 Rue de l'Ouest, Paris.—Marble group.
1916 RANDON, — Abbeville (Somme).—Cloths.
1917 RANDOU, — Engine-worker, Blois (Loire and Cher).—Patent regulating screw for carriages.
1918 RACIC, L. M. Manufacturer of Animal Manure, Saumur (Maine and Loire).—Specimens of manure.
1919 RABIN, C. M. H. St. Omer (Jura).—Opaque and transparent "tetruges"; porcelete.
1920 RENOUX, H. 35 Rue Notre Dame de Nazareth, Paris.—Screw buttons, fastened without sewing.
1921 REXTON, A. Clock Maker, 2 Rue de Chatelet, Paris.—Clocks and other instruments; double chronometer used in the navy. Patented.
1922 REIDAR BROOKERS, Silk Spinners, Darbes (Ardeche).—Cocoons, raw and wrought silk, for silk and plait work.
1924 REICHMANN, A. Manufacturer, 28 Rue St. Benoit, Paris.—A roll of paper squared in thousandths of an inch for the reduction of designs of patterns.
1926 REIDON, E. 8. St. Jean de Valeriscles (Gard).—Raw silk, and twisted silk for satin.
1927 RENARD, L. 54 Rue des Gravilliers, Paris.—Black varnish and copa.
1436 ROYER, L. Jeweller, 63 Rue Hauteville, Paris.—Ornaments, bracelets, head-dresses, swords, and other articles of jewellery, gold and diamonds.

1431 ROYER, J. C. A. 55 Quai de la Tournelle.—Gelatine leaves of all colours.

1432 ROYER, P. E. 6 Rue de Caire, Paris.—Artificial foliage.

1433 ROYER, J. B. China Manufacturer, Limoges (Haute-Vienne).—Wrought specimens of earthenware, chinaware, statuettes, vases, &c.

1434 ROUS & CO. Silk Spinners, St. André de Valborgne (Gard).—White and yellow raw silk.

1435 ROV, F. Paints and Hydroufge Coatings, 53 Rue de Verneuil, Paris.—Paints, oils, and other articles.

1436 ROYER, J. B. China Manufacturer, Limoges (Haute-Vienne).—Wrought specimens of earthenware, chinaware, statuettes, vases, &c.

1437 ROYER, E. 9 Rue Cammartin, Paris.—Metal cabinet of ebony and carved pear-tree wood. Decorative furniture.


1440 ROYER, G. Manufacturer, Pontaverger (Marne).—Unbleached and dyed linen fabrics.

1441 ROYER, F. C. Laco Manufacturer, 25 Rue de Cléry, Paris.—Worsted cloth of all colours; guipure silk lace, black and white worsted ribbons.

1442 ROYER, W. & Co. Stay Makers, Bar-de-Duc (Meuse).—Seamless stays, a new system.

1443 ROYER, J. & Co. Window Glass Manufacturers, at Givors (Rhône).—Window-glass of various colours.

1444 ROYER, L. Machine Maker, 10 Rue du Guillon, Lyons (Rhône).—Silk-metre, to ascertain the different qualities of raw and wrought silk.

1445 ROYER, L. Bronze Manufacturer, 29 Rue Grénavet, Paris.—Various articles in bronze, cups, bells, &c.

1446 ROYER & SON, Manufacturers of Milliners, La- ferte Étienne (Seine and Marne).—Tiles; millstones; draining tiles.

1447 ROYER & SON, Manufacturers of Milliners, La- ferte Étienne (Seine and Marne).—Tiles; millstones; draining tiles.

1448 ROYER, R. & Co. Wool Spinners, Trie-Châ- teau (Loire).—Assortment of woolen threads.

1449 ROYER, J. M. Cutier, 58 Grande Rue, Flins, Brent.—Various specimens of cuttery; surgical instruments.

1450 ROYER, J. B. China Manufacturer, Limoges (Haute-Vienne).—Wrought specimens of earthenware, chinaware, statuettes, vases, &c.

1451 ROYER, C. Gunsmith, St. Etienne (Loire).—Double barrel, fifteen shades.

1452 ROYER, C. P. 3 Rue de la Madeleine, Paris.—Gold revolving fluid for renovating giltwork, gilt-work, and silk and silks, &c.

1453 ROYER & NORMAND, Cashmere Manufacturers, 48 Rue Vivienne, Paris.—French long and square cashmeres; black Chantilly lace, and Alemont point lace.

1454 ROYER, A. & Son, Metallic Cloth Manufacturers, Schlestadt (Bas Rhin).—Metallic cloths and gaunlets, pierced and cut sheet-iron, brass, &c.

1455 ROYER DE Lisle, T. A. 23 Rue des Vinaigriers, Paris.—Supplies for the composition of designs for fabrics.

1456 ROYER, E. & Co. Carriers, Chatemay near Nantes (Loire-Inférieure).—Two thick sides, and two shoulder belts.

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1471 ROYER, E. & Co. Carriers, Chatemay near Nantes (Loire-Inférieure).—Two thick sides, and two shoulder belts.
FRANCE AND ALGIERS.

1496 **STEUX,** Preserver, 10 Rue Taranne, Paris.—Samples of preserved food, in flasks and packets.

1497 **SCHOTT,** Preserver, 32 and 35 Rue de la Vieille Menneville, Paris.—Fragile vellum, dried pastry and gingerbread.

1498 **SILVERMAN,** G. A. H. Strasbourg (Bas-Rhin).—Designs for window-pane. Ornamental printing in colours, gold and silver; fancy editions.

1500 **SILVESTRE & HENRY,** 179 Rue St. Honoré, Paris.—Fiddler's blocks, and violoncello, in tortoise-shell or ebony, bordered with gold and silver.

1500 **SOUSSEAU,** L. St. Jean du Gard. Silk cords and raw and wrought silk.

1501 **SOUSZEX,** Jean Marie, Chemist, 111 Rue Montmartre.—Prussian blue, called Souchon.

1502 **SOUSZEC,** Mme. Hyppolite, Corset Manufacturer, 31 Rue de la Michaudière, Paris. Two Corsets.

1503 **SOUSZEC,** A. Wool Spinner, Tassy l'Ain.—Specimen s of washed, unembroidered, and reeled wool.


1505 **STOYNET,** M. Desmeus (Haute-Pyrénées). Specimen s of indigenous woods, prepared for cabinet work.

1506 **TAMBOURIN,** J. P. C. B. Michel, Gaslaine (Allier). Kalves with several blades; carving-knife; a complete sower, etc.


1508 **TERRASON DE MONTLEAU,** J. A. St. Etienne (Charente). Wool in fleeces.

1509 **THERENAY,** J. Person Manufacturer, 88 Rue des Saints Pères, Paris.—Articles of furniture, machine-pieces, locks, pictures, etc.

1510 **THERENT, RAPIN & ROUX,** Manufacturers of Silk, 38 Rue Bomarzo, Lyon (Rhône). Silk shawls; China grass; watered Pekin, figured.

1511 **THERAUT-DALLET,** EMILE, Clermont Ferrand (Puy de Dôme).—Church windows in different styles.

1512 **THERAUD-BOLLANGER,** A. H. Mars la Pile (Indre and Loire).—Mill-stones, floor-tiles, panels, and slate tiles.

1513 **THERAUD,** D. Manufacturer, Clermont (Puy de Dôme).—Painted glass window.

1514 **THERIEN,** F. 133 Rue Montmartre, Paris.—Wind instruments in wood, flutes, hautboys, &c.


1516 **THERIOT,** M. Manufacturers of Printed Stuff, Mulhouse (Haut Rhin).—Various kinds of printed calmeres.

1517 **TIDDEUX,** A. J. Manufacturer of Animal Black, Cambrai (Nord).—Samples of animal black.

1518 **TIEFEL,** G. Rue Coquillière, Paris.—Millstones; and a dressing machine.

1519 **TOURNEUR,** 39 Rue Richelieu, Paris.—Specimens of coffee-roasting.

1520 **TOURNEUR,** F. Musical Instrument-maker, 123 Rue Montmartre, Paris.—Musical instruments.

1521 **TROCCON,** A. Manufacturer of Silk, 14 Rue des Capucins, Lyon (Rhône).—Shawls and cravates, of various silk stuffs.

1522 **TROCHON,** N. Avenue St. Cloud, Passy, near Paris.—Iron articles of furniture for garden ornaments.

1523 **TROUVE,** A. Sculptor, 3 Passage Violet, Paris.—Frames decorated with ornaments in papier maché ornaments in sulphur.

1524 **VALANSON,** Manufacturer of Silk, Lyons (Rhône), and 4 Rue Puits Gaillot, Paris.—Plain silks: gros de Naples and taffeta.

1525 **VALARY,** M. T. Stationer, 23 Rue de Seine, Paris.—Fancy stationery; envelopes out by machinery, &c.

1526 **VAN HOUTON,** P. 32 Fosse St. Antoine, Paris.—A cupboard with mirrors; bedsteads; chests of drawers in rosewood with marbles.

1527 **VANSTILLARD & Co., Pin Manufacturers, L'Aigle (Orne).—Iron pins, timmed by a process patented in France and England.

1528 **VANSTILLARD, V. & Co., Pin Manufacturers, Meunier près l'Aigle (Orne).—Iron pins, timmed by a particular process; patented in France and England.

1529 **VANDER & Co., Apothecaries, Veuve de Denier (Vancluse).—Samples of wrought silk and organza.

1530 **VANDER Brothers, Ligurie (Poitiers), Vienna.—Specimens of linen.

1531 **VENDRÉ, L. 54 Rue St. Martin, Paris.—Various samples of colours and varnish.

1532 **VILLEBES,** L. Montereau-sur-Yonne (Seine and Marne).—Steel dagger.

1533 **VIGNON & BROWN,** St. Etienne (Loire).—Silk ribbons.

1534 **VIGNON,** J. 14 Rue Neuve St. François (Marsal), Paris.—Specimens of mouldings, &c.

1535 **VINCET,** J. Silk Spinners, Varengeville (Gard).—White and yellow raw silk.

1536 **VINCET,** J. Quai des Tuileries, Nantes (Loire Inferieure), Nantes.—Boots and upper leather for the feet of boots.

1537 **VIOLETTE,** J. H. M. St. Omer (Pas de Calais).—Ship-biscuits baked by immersing the stone or the dough in high pressure steam; charcoal obtained by immersing wood in the same; mercury distilled by the same process for amalgamating it with gold or silver.

1538 **VIVIER & CO., Manufacturers of Silk, 8 Rue Croix de Paquet, Lyon (Rhône).—Moire (watered) stuffs, velvets, &c., and novelties of all descriptions for walastrous.

1539 **VITTOZ,** 10 Rue des Filles du Calvaire, Paris.—Artistic bronzes, chimney ornaments, clocks, chandeliers, vases; cups and lustres.

1540 **VOIZOT,** E. 32 Rue Bourg l'Abbé, Passage de l'Amour, Paris.—Polished steel, and false stones for jewelers.

1541 **VOLKERT,** L. Cabinet-maker, 99 Rue du Faubourg St. Antoine, Paris.—Veneering, on inlaid panels.

1542 **VONZER,** J. S. Sen. Nantes (Loire Inferieure).—Railway carriage cushions.

1543 **VOUZES,** 9 Rue Neuve St. Gilles, Montmartre, near Paris.—Sculptured medallions; religious subjects.

1544 **ZADIG,** J. B. Fancy Silk Article Manufacturer, 28 Rue du Sentier, Paris.—Guassa, barberry, shawls and scarfs; fancy silks.

1545 **ZUCKER,** J. & Co. Richelieu (Haut Rhin).—White paper, paint, and artificial ultramarine.

1546 **AGRICULTURAL SOCIETY OF Lyons (Rhône).—Spin silk and cocoons.

1547 **ALCON,** H. Manufacturer of Albumen, Annecy (Ardeche).—Naturel pochade; albumen from eggs.

1548 **ALLARD & CLAIRIT,** Soap Makers, Paris, 317 Rue St. Denis.—Liquid soaps, and other necessaries for perfumery.

1549 **ANDELE,** G. & Co. Bottle Manufacturer, Épinay (Seine et Loir).—Various samples of bottles.

1550 **ARNOUX,** C. Coach-maker, 15 Rue du Mont Parnasse, Paris.—Coach and carriages, on the scale of 1 inch to 5 inch. Patented.
| **1543** AUBER, C. Tours (Indre and Loire).—Enamelled pottery, a large rusted goblet, &c. |
| **1544** AUVERGNE, L. MANUFACTURERS, Rue des Jeunesse, Paris.—Dress, shawl, handkerchief, tippet, lace-lappets, piece of lace, application-lappets. |
| **1545** AUDRAT, F. Lace Manufacturer, 4 Rue du Mail, Paris.—Embroidered tulle; imitation of lace and applications. |
| **1546** BEAUVEROT, G. Gummere, 6 Rue du Coq St. Honore, Paris.—Five swelling pieces of various prices. |
| **1547** BEZARD, L. Gummere, 13 Rue Villeray, Paris.—Damascene and pistol barrels. |
| **1548** BEZIAT, J. C. MANUFACTURER OF Woolens, 23 Rue des Jeunesse, Paris.—Combed-wool; woollen-yarn; unbleached and dyed tissues; printed and figured. Manufactured in four distinct establishments belonging to the expositors. |
| **1549** BERTRAND, —. Jun. Optician, 38 Rue de Bregent, Paris.—Experimental crystals, spath, quartz, and crown prisms, achromatic objectives, &c. |
| **1550** BILLARD & CHOUX, 43 Rue du Sentier, Paris.—Combed-wool and woollen-yarn. |
| **1551** BLANJACQ, E. Lille (North).—A frame containing lithographic proofs. |
| **1552** BONNET, J. M. Card Manufacturer, 4 Rue Neuve St. Augustin, Paris.—Parisian playing cards; new kind of playing cards. |
| **1553** BOURGEOIS, A. Lamp Manufacturer, 3 Rue du Havre, Paris.—Lamps, with moderator and warming chime. |
| **1554** BOYER, —. 22 Rue de la Paix, Paris.—Yasses, cups, pictures, and baskets of various kinds. |
| **1555** BRIQUET, P. Musical Instrument Manufacturer, 29 Rue Jean Jacques Rousseau, Paris.—Crystal and wooden flutes, on Boeck's principle, and common flutes; wooden clarinet, on Boeck's principle. |
| **1556** CAHAY, A. Manufacturer of Artistic Cabinet Work, 30 Rue de la Paix, Paris.—Furniture, book-cases, flower-stands, coffers, tea-caddies, cigar and whisk cases, &c.; cases, watch-stands, clocks, writing-desks, folding-stools, &c. |
| **1557** CAIL & Co. Machine-maker, 46 Quai de Billet, Paris.—A locomotive engine for goods. An apparatus to take in the vacuum for sugar, with its steam-engine, a coiling press, and several other machines or apparatuses. |
| **1558** CHARLLOUX, E. LEPAGE & POCHON, Brodeurs de Bœs, Paisseaux (Loiret).—A case of beer, and a box of saizen. |
| **1559** CLERVIS, T. Cloth Manufacturer, Elbeuf and Louviers (Seine).—Fine linen and raw-silk, brocaded fabrics, gowns, cloaks, and linings. Plain, twilled, pilot, beaver cloths, and impermeable cloths. |
| **1560** CLOUER, C.团长, 21 Rue de la Paix, Paris.—A frame containing engravers' tools. |
| **1561** COHEN, J. R. Marble-cutter, Epernay (Vosges).—Polished marbles, granites, and serpentine. |
| **1562** COMMERCIAL CHAMBER OF LYS, Bouret, Paris.—Commerciai chamber of Lyons, Bouret, Paris.—Brocaded brocades, brocades, droguets, and various other silk stuffs. |
| **1563** COUSIN, A. Director, 6 Rue Bohecourt, Paris.—Designs for stained paper; portières for hangings of tapestry; for printed shawls, and other industrial designs. |
| **1564** COUX, M. 37 Rue Bourbon Ville-neuve, Paris.—Umbrellas and parasols. |
| **1565** CONVENTIONNELS A PAI DE MATRES (Col. Monor., Directeur), Rue St. Martin, Paris.—Metrical measures. Flexible liquid, Troy, and long measures of various materials. |
| **1566** COULSON, Leather Manufacturer, Avallon (Yonne).—Japanese leather, grained calf-skins, for boots and shoes and other objects. |
| **1567** COURJET, E. Vinegar, Manufacturer, 19 Rue d'Olivier, Orleans (Loiret).—A barrel of vinegar, and various samples. |
| **1568** COURTOIS, E. Currier, 13 Fabourg Montmartre, Paris.—Glassed calf-skins for boots and shoes, and all kinds of leather for saddlers, coach-makers, and harness-makers. |
| **1569** COURANT, —. Grand Rue des Princes, Paris. Two frames containing proofs of lithographed drawings on paper. |
| **1570** CRESSON, J. Manufacturer of Checker Work, 20 Rue de l'Entrepôt, Paris.—A grand piece of furniture, with three doors, a writing-table, dressing-table, and pictures in mosaic and checker work. |
| **1571** CRENAU, J. Hair-dresser, 75 Rue de Richelieu, Paris.—Peruakes without toupees, and a machine to implant hairs in silk and other kinds of tissues. |
| **1572** CREDIEQ, F. Jeweller, 8 Rue Jean Jacques Rousseau, Paris.—Jewellery in gold, such as bracelets, luteinites, chains, and cameo-brooches. |
| **1573** CREMBAT, J. Corn Dealer, 16 Rue des Vieux Euvres St. Honore, Paris.—Two sacks and a barrel of corn. |
| **1574** CREMBAT, F. Implements for Sucking and Injection, Syringes Manufacturer, 86 Passage Choiseul, Paris.—Spiral sucking bottles; double pumps; artificial nipples; bidet for injections. |
| **1575** CREYER, —. Rue Richelieu, Paris.—Ready-made linens for gentlemen, and shirts. |
| **1576** CREYER, & CREYER, Furniture-makers, Lyons (Rhône).—Various articles of furniture. |
| **1577** DABLE, C. P. Cucoon Manufacturer, Ucel, près Aubusson (Ardèche).—Skirts of raw silk, and balls of organza. |
| **1578** DEBACHÉ, C. Machine Maker, Paris.—Calculating dials for the service of the railway tickets. |
| **1579** DEBACHÉ, L. F. Side-armes Manufacturer, Rue aux Fers, Paris.—Swords and sabres of various countries. Bronze and cast-iron articles: chandellers, andrones, fenders, &c. |
| **1581** DELEMERS, E. Mercuri & Mochet, Calico Printers, 12 Quai de Béothu, Paris (Isle St. Louis).—Setined baroque dresses, mousseline de laine, Paris crapes, &c. Long shawls. Fancy woolens and cotton fabrics. |
| **1582** DELORE, H. Coachmaker, 8 Rue National St. Honore, Paris.—Closed caleches, with varieta, mounted on springs, pincers' fashion, grey lining, painted blue, with silver-plated ornaments. |
| **1583** DEFOUR, C. Silk Manufacturer and Printer, 7 Rue du Faubourg Poissonnière, Paris.—Draws of various designs and fabrics. Various descriptions of silk handkerchiefs. |
| **1584** DEFOUR, C. Silk Manufacturer and Printer, 7 Rue du Faubourg Poissonnière, Paris.—Draws of various designs and fabrics. Various descriptions of silk handkerchiefs. |
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| **1587** DIAS, B. & HOUDE, Chronometer Makers, 156 and 160 Rue St. Martin, Paris.—Chronometers; large and small regulators; mathematical watch-work; watches, &c. Monochromatic apparatus, invented by Mr. Gueze. |
| **1588** DIJOU, J. Manufacturer of Chemical Products, 34 Route d'Ivy, near Paris.—Carbonates, nitrates, and sulphate of strontian: sulphate of copper and ammonia, &c. |
FRANCE AND ALGIERS.

1591 Dozza, Mme, & Co. Mulhouse (Haut-Rhin).—Unbleached and printed tissues, &c.
1592 Durand, sen. & Co. Shawl Maker, 1 Rue des Petits Gobelins, Paris.—Long and square figured shawls of every kind.
1593 Dumortier & Co. Wax Candle Manufacturers, Lyons (Rhône).—A box of French wax candles.
1594 Duret & Co. 41 Rue Fontaine, Paris.—Beds for offices and apartments. Patented in France.
1595 Durand, F. Goldsmith, 61 Rue du Bac, Paris.—Tea services consisting of 17 pieces. Table centre-piece, accompanied with four crystal cups.
1596 Durand, J. Alimentary Paste-maker, Grenade (Haut-Garonne).—Vermicelli, glutinous preparations, and various other sorts of alimentary pastes.
1597 Eloy, 10 Rue de l'Ecole de Medecine, Paris.—Various collections arranged for the study of geology, paleontology, and pure mineralogy, and applied to agriculture and its industries; Synopsis and technological table, serving as a catalogue.
1598 Eynard, E. Lace Manufacturer, 25 Rue de la Cité, Paris.—Worsted point lace, various colours.
1599 Falardeau, J. M. Glue Manufacturer, Lyons (Rhône), and 6 Rue du Bocc.—Izalglaze.
1600 Fekete & Co., 14 Rue du Faubourg St. Denis, Paris.—A frame containing specimens of engraving on cyliniders, for the printing of stamps and the gathering of stuff.
1601 Fesquieu, J. Bronze Manufacturer, 10 Rue de Gravilliers, Paris.—Chandeliers; brackets; candlesticks; bed-room candlesticks; candleabra; clock; inkstand; statuettes.
1602 Fevre, H. Porcelain Manufacturer, St. Gaudens.—Whites and gilt porcelains.
1603 Feyntz & Co., 20 Rue Haxehville, Paris.—Collars, points, shawls, kerchiefs, and other articles of knitting-work; great novelty.
1605 Freychet, C. Organ Builder, 64 and 70 Galerie Vivienne, Paris.—An organ.
1606 Froment, A. Watch-maker, 114 and 115 Palais Royal, Paris.—Various watches, watch appendages, and alarms. Alarm clocks.
1607 Fry, J. Engineers and Machine Makers, Belleville (Seine), 2 Impasse St. Laurent.—A machine for nail making; a new system.
1608 Frimaure, A. Brass Founder, Orleans (Loiret).—Hermes tacks; a new invention, destined to domestic economy.
1609 Froment, G. Manufacturer of Mathematical Instruments, 5 Rue Ménilmontant, Paris.—Scientific instruments; thermometers; and various models of electro-motive power.
1610 Gascard, P. A. Engraver, 1 Rue Madame, Paris.—Frames containing engravings, religious subjects.
1611 Gatteaux, R. Gunsmith, 20 Allée d'Auteuil, Paris.—Guns; carbines; unfinished gun barrels; pistols for practice, in their cases; and small fancy pistols. Model of a machine to load pistols, and serving as a meter.
1612 Gavain, J. Gunsmith, 93 Boulevard du Mont Parnasse, Paris.—Double-barrelled fencing-pieces, with engravings, and others.
1613 Gaudin, J. Manufacturer of Chemical Produce, Marseilles (Bouches du Rhône), 156 Rue de Paradis.—Cotton-seed oil, clarified and bleached; samples.
1615 Gobert, F. Cabinet-maker, 10 Rue des Marais St. Martin, Paris.—A lady's writing-desk, in Courbey wood, inlaid in rosewood and grey maps.
1616 Grancourt, E. Corset Manufacturer, 25 Rue de Bourgogne, Paris.—A satin fancy corset.
1617 Grehan, G. Rue de l'Orangerie, Paris.—Bronze clocks, candle-stands, statuettes, &c.
1618 Grollier & Deville, Calico Printers, 33 Rue du Sentier, Paris.—Dresses (Foulard pattern), barings, silk, gauze, &c. Designs produced at the establishment of the exhibitors; printing executed by Messrs. Guillaume and Cie., 15 Rue St. Denis (Seine).
1619 Guitton, J. Artistic Silversmith and Jeweller, 11 Rue Chapon, Paris.—Statuettes; cups; boxes; nosegays; pictures; sabres; swords; knives; bracelets; snuff-boxes; sweetmeats. Boxes; seals; cigar cases; cash boxes; rings; brooches; canes; riding-whips; plates in galvano-plastic.
1620 Guiche, J. B. Manufacturer of Ultramarine Blue, Lyons (Rhône).—Planks of artificial ultramarine blue, incoluable to the industrial arts and to the fine arts.
1621 Hervey & So. Shawl Manufacturers, 13 Rue du Mail, Paris.—Long and square pure Cashmere shawls, various grounds.
1622 Hervey, J. Bronze Manufacturer, 8 Rue de Limoges, Paris.—Bronze chest, bronzed dagger; two keepsakes, fixed steel, inlaid with mother-of-pearl and bronze. Ladies' steel necessaries; bronze-framed glass, &c.
1623 Hervey, J. Bronze Manufacturer, 17 Rue Chapon, Paris.—Jewels and caskets.
1624 Herré Brothers, Charenton, Berry. —Gelatine and glue.
1625 Hooper, G. Manufacturer of Embroidery and Printed Stuffs, 6 Rue des Fossés Montmartre, Paris.—Manufacture, Rosselin (Alsace) and Lyons (Rhône).—Neckkerchiefs and mitrens in lace; shawls, dresses of various patterns, and embroidered and printed novelties.
1626 Hochard, F. E. Manufacturer of French Alimentary Pastes, Persan (Seine and Oise), and 99 Rue St. Honore, Paris.—French alimentary pastes.
1627 Houillier, C. Gloves, 19 Rue de Faubourg St. Honore, Paris.—12 pairs of gloves made of skins matched and inlaid with mother of pearl.
1628 Houiller, E. Gunsmith, 36 Rue de Clery, Paris.—A box of pistols.
1629 Jacob, J. F. Porcelain Manufacturer, 32 Rue de Bondy, Paris.—A fountain in ornamental porcelain; porcelain biscuit, designs for patterns.
1630 Jouffray & Dupons, Chine Manufacturers, 5 Rue de l'Entrepôt, Paris.—Vases, decanters, clocks, scent-bottles, tête-bêche, &c.
1631 Jourdain, X. Attikirch, Haut-Rhin.—Tissues, jacquets, organzine, muslin, &c.
1632 Kercher & Westermann, Manufacturers of Stamped Iron, Meis (Moselle).—Articles in stamped iron tinned or varnished.
1634 Kornlein Brothers, Mulhouse (Haut-Rhin).—Clintses, printed cambriques, barings, woollen, and half-woollen stuffs, &c.
1635 Lais d'Auge, Y. Inspector at the National Institution of the Juvenile Blind, Paris.—Geographical maps and writing boards for the use of the blind.
1636 Lacroux Brothers, Paper Manufacturers, Angouleme (Charente).—Various sorts of stained and ornamental papers.
1637 Lannoy, J. B. Engineer, 13 Rue de la Harpe, Paris.—A model of drag for railways.
1638 Lambert, B. 34 Rue Verte, Paris.—Two spheres of silvered crystals; two crystal vases; likewise silvered, and several other articles of the same kind.
FRANCE AND ALGERIA.

1838 LANDROU BROTHERS, Tanners, Meung-sur-Loire (Loiret).—Leather made from skins of different animals, natives of France and of Basse-Ayous.

1840 LADUE, —- Ongle (Savois-Alpes).—Honey and wax.

1841 LAFTE, E. Cutler, 130 Rue du Temple, Paris.—Scissors, razors, knives, and other articles of cutlery.

1843 LAFTE, K. & Co. 112 Rue de Charenton.—Stained paper, &c.

1845 LAFITE & FLANDERS, Place St. Nicholas-des-Champs, Paris.—Bracelets, brooches, seals, trinkets, and various articles of jewellery.

1844 LACOCO, H. Manufacturer of Stamped Copper and Brass, Rue des Freres Bourgeois, Au Marais.—Frames of ornaments in stamped brass; hot-iron stoves, and various apparatus for warming houses.

1845 LACOCO, C. Rope Maker, Nanterre (Loir-et-Inférieure).—Fishing rods, lines, and nets, and ship ropes exported.

1848 LAFITE, A. Lace Manufacturer, Béarnais (Calvados), and at 45 Rue de Clery, Paris.—Thread lace counterpane; Alençon lace scarf and lappets; shawl, point scarf, veil, and black silk lace femelle; black silk blouse mantilla.

1847 LE FLANDRE, B. 105 Rue Montmartre, Paris.—Various kinds of vairnach for the arts, buildings, and carriages, &c.

1848 LESPEZ, — Manufacturer of Galvano-plastic, 40 Rue Fontaine en Bois, Clé de Boulanger, Paris.—Cash boxes, cigar cases, and other cases produced by the galvano-plastic. Patented in England.

1849 LEZER & Son, Silk Manufacturer, 1 Rue des Feuillants, Lyon (Rhône).—Silk stuffs for furniture and church ornaments. Velvets, damasks, brocades, &c.


1852 MAGNUS, J. M. Inventor, Villefranche (Rhône).—Sewing, embroidery, and cord making machinery, called Cossobrodeur. New invention, patented in England. Samples of sewing on different stuffs.

1855 MALLORY & BAILON, 23 Rue de Bambouser, Paris.—Artificial flowers manufacture.

1856 MAIER & Co. Painters on Porcelain, 64 Rue du Marais St. Martin.—A vase, imitation of China in gilt bronze, and other articles of China painted and decorated.

1857 MAIER, J. Milled Silk Weaver, Bouleau and Annonay (Ardèche).—Yellow and white organs of different qualities and preparations; yellow and white wool; yellow and white spun raw silk skeins.

1853 MARGAUX, G. 28 Rue de Gravilliers, Paris.—Tortoisseshell snuff-boxes; ditto, wood and ivory, rhinoceros, palm-tree wood, olive-tree wood, rosewood, &c.

1859 MORAND BROTHERS & WILHELM, Machine Makers, Charleville (Ardennes), Dépôt, 73 Faubourg St. Martin. (Director of the Factory, Mr. Wilmann.)—A press with an iron bucket and zinc basin; a press of a different model.

1859 MORAN, J. S. Sculptor, 27 Quai d'Anjou, De St. Louis, Paris.—Marbles groups of three figures, bearing as an epigraph: "Simile partulos venire ad me." A Carthusian monk at his prayer, a plaster cast.

1861 MUITZELITZ, V. Engineer, Sola, (Solana and Oise).—Thrashing machines; winning machines.

1863 MOHAMMED HEN ACH, Cafet de Mascara (Oman).—A boursou in natural black wool.

1863 MOHAMMED HEN SALAH, Weaver, Beni Abès, province of Constantine.—A white abæli Moussaiah bousou.

1864 MOREL, M. Manufacturer of Mathematical Instruments, 9 Rue Maule, Paris.—Chronometers, giving several unusual indications, such as the days of the week, and the month and year, &c.

1866 MONTAL, C. Musical Instrument Maker, 5 Boulevard Montmartre, Paris.—Three octave pianos.

1868 MOREL BROTHERS, Manufacturers of Articles in Wrought and Cast Iron, Charleville (Ardennes).—Moulded iron, potteries, projectiles, mechanical nails, carved ironmongery, &c.

1866 MOUCHER, — Manufacturer of Jockey's Work by Machinery, Petit Montrouge (Seine).—A model of a machine to knead bread, and ten of these machines in full operation.

1868 MOREAU, —— 27 Rue du Mail, Paris.—Times for hangings and furniture, folding-doors, and table-covers.


1869 NOYR, BROTHERS, & DUKART COURSE, Manufacturers of Silk Handkerchiefs, Lyons (Rhône).—Silk handkerchiefs, corals, white damasks, and others.

1870 NOYR, B., Gros, 26 Rue des Bourse de Rempart, Paris.—Table-services in various styles; tea-services, and other articles of silversmiths' work.

1872 PARE, — Broad Cloth Manufacturer, Sedan ( Ardennes).—43 pieces of broad cloth, kerseys, and satin.


1874 PATE, A. R. 18 Boulevard St. Denis, Paris.—Gold jewellery for exportation.

1875 PEPIN, V. Manufacturer of Woollen Blankets, Orleans (Loiret), and 14 Faubourg de la Madeleine, Paris.—Blankets wholly of wool.

1876 PEPIN, H. Manufacturer of Cobalt Blue, Gonzac, Canton of Jarnages (Creuse).—Crystal flags, filled with small or pure cobalt blue. Two vases of porcelain de Sèvres, coloured with small blue.

1877 PIERRE, F., Château Designer, Rouen (Seine-Infinière).—Frames, containing designs for chintzes.

1878 PIERRE, A. Soap Boiler, 103 Rue St. Martin, Paris.—Various kinds of soap, perfumed oils, greases, and alcohol.

1879 PILOT, — Optician, 5 Rue Pasteur, Paris.—Spectacles. Ivory and polished opera-glasses. Daguerreotype pictures.

1880 PLUTTERBY, J. G. Manufacturer of Spun Lead, 13 Rue Pierre Le Vé, Paris.—Spun lead, for horticulture and nurserymen.

1881 PLUTTERBY, —— 41 Rue de la Ferme, Paris.—Bronze of pistols, with carved and chased gold mountings. Five-barrilled pistols, charges fired separately. Engraved and carved double-barrilled gun, charged at the stock, &c.

1889 POCY, A. & AGAN, F. Aix, (Bouches du Rhône).—Productions of the liquid salines.

1888 QUENTENDES, — Platine Refiner, 4 Rue du Bouloi, Paris.—Platina crucibles, capsules, and various other platina chemical apparatuses, on a small scale.

1884 RIENT, L. Blond Manufacturer, Caëns (Calvados), and 9 Passage des Petits Fêtes, Paris.—White silk blouses; overall, head-dress, and whiskers. Large gold and silk lappets.

1886 RIESEPH, N. Avenue du Bel Air, St. Mandé, near Paris.—Chronographers and watches.

1886 RIGAUD, S., Vinegar Manufacturer, Orléans (Loiret).—Various samples of vinegar.

1887 ROLLER & BLANCHE, S., Piano Makers, 26 Rue Hauville, Paris.—Four pieces of various descriptions.
FRANCE AND ALGIERS.

1863 Boulogne, A. & Son, Manufacturers of Metallic Cloth, Schleshardt (Hauts-Rhin); Lyons (Rhône); and 321 Rue St. Denis, Paris.—A cylinder for continued laid paper. Metallic cloth and gauze.

1863 Boulogne, J. Manufacturer of Frosted Weapons, Belleville (Seine), and 81 Rue de Paris.—Daggers, trophies, harness, &c., with reproduction of ancient wrought iron, inlaid work, and filigree.

1863 Boulogne, F. M. Trimming Manufacturer, St. Chamond (Loire)—Silk trimming in great variety of kinds.

1861 Saty, P. G. 9 Rue de l'Arte Flan, Paris.—Bronze clocks, statuettes, inkstands, and caskets.

1862 Sauter, L. 40 Rue des Feuillards, Paris.—Point silk guipure; mantlet, guipure, lace work; white silk fringe.

1862 Sauter, M., Marble Cutter, 22 Rue d'Assas, Paris.—Samples of different marbles. Marble statuettes and statuary, representing different incidents in the life of Napoleon. Quarts paper-presser.

1862 St. Amory, F. A., A. P. Webber, Zamours, Provost of Constantine.—A large round moro.

1865 St. Ali, H., Lamouchi, Constantine.—A small round moro.

1866 St. Hamida, Mofeti of Oran.—A woolen common chaban.

1866 Semy, S. Lyons (Rhône).—Japanese calf-leather.

1866 Soucier, C. Chavant (Hauts-Rhin).—A dozen of dressed calf hides.

1869 Soulette, Piano Maker, 171 Rue Montmartre, Paris.—A long piano. Two cottage pianos.

1870 Société, J. D. 3 Rue St. Catherine, Lyons (Rhône).—Cocoon without sera. Silk threads.

1701 Tidwell, Manufacturer of Perfumery, Grenoble (Isère).—Flagons of various essences and perfumed liquids.


1703 Tidwell, C. M. Optician, 4 Rue Grange Batelière, Paris.—Diurnal reflectors.

1704 Valin, L. & Co. 13 Rue de Clery, Paris.—Fancy gauze ties, and woollen and silk ties.

1705 Verrier, L. N. 6 Rue Beaujolais, Paris.—Strong boxes or cases.

1706 Vidego & Simon, Lace Manufacturer, 35 Rue des Feuillards, Paris.—Chantilly black lace shawls. Veil, lappets, and set of Alpenon point lace.

1707 Villeda, L. Brande Manufacturer, 57 Rue St. Avoye, Paris.—Bronze candelabra, groups, lamps, &c.

6 Bursa, Miss M. Philippewell (Constantine).—White cotton, called Naples Cotton, gathered in 1850. 6 Burs, Zerka (the wife of the calif), Constantine. A silk and woolen back.

8 Bernard, H. A. a soldier under confinement in the Military Prison of Bonj (Constantine).—Aloe thread cloak; by the exhibitor.

9 Bours, J. Manu. Philippewell (Constantine).—Oil of olives, gathered in 1850.


11 Brenguer & Co., Grantees, Tenes.—Samples of brass pyrites from the Oued Aliesha Mines.

12 Camaxianas, Widow, Saw-mill Works, Algiers.—Five specimens of veneering, adapted for cabinet work.

14 Cailiez, A. L. J., Cabinet-maker, Mustapha.—A toilet table, and inlaid work-chair, made of native wood.

14 Comtois, Merchant, President of the Chamber of Commerce, Algiers.—Samples of Boucado and Medehal raw wool. Three samples of upper Chiff wool, combed by machinery.

15 Castenias, Colonist of the St. Louis' Agricultural Colony (Oran).—Boiled yellow silk and white silk handkerchiefs.

16 Chafez, Koubbe.—Canna root flour (Canna dis. color), a new article of food.

17 Chaffeau, Agriculturist, Birmandreis.—Hard and soft wheats of 1850. Cotton, called Louisiana, 1850. Silk in cocoons and spun silk.

18 Commission of the Monreal Mines.—Crystallized grey copper ores.

19 Aïn Mokra Mines Company, Constantine.—Steel made in France from iron ores of Aïn Mokra. Assortment of files. Set of scythes made of cast and refined steel.


21 Converso, Bona, Constantine.—Writing-desk, made of native woods.

22 Curte, Jun. Manu. Bab-el-Oued.—Samples of olive oil; oils of sesame, camellia, mustard, cotton, arachide, beans, arvensis, ricin, pepples, turnips, lawn and media sailas.

23 Dupre de St. Mauro, Agriculturist Orba, (Oran).—Soft wheat, tobacco leaves, Jumel cotton wool, madder of a.

24 Flechty, J. R. Manu.—Patent paper and pasteboard made of the dwarf palm tree leaves.

25 Frederic, J. R. Agriculturist, Montpensier.—A sample of opium, accompanied with squaminis; white poppy capsules, 1850.

26 Grima, F. Agriculturist, Phelippeville (Constantine).—White and long cottons, 1850.

27 Halocy, Agriculturist, Draje.—Cotton, 1850.


29 Jeanet, Agriculturist, (Constantine).—Hard wheat and barley of 1850.

30 Judas, Moila, Manu. Oran.—Two gold embroidered silk dresses for Jewish ladies.

31 Julie, Manufacturer of preserves, Bougie (Constantine).—Pickled olives.

32 Laye & Co., Manufacturer.—Sample of native wheat flour.

ALGIERS.

(Represented by Mr. Edmund Bouvy, Commissioner of Commercial Affairs for the Colony, and Delegate of the French Minister of War to the London Exhibition.)

1 Ander, Director of the Tobacco Service, Algiers.—Tobacco in leaves from the settlers of Sahel and Mitidje, and from the natives of those districts. Scaferlak hatched tobacco. Cigars made of Krachem tabacco.

2 Arnaud, Manu. Bonn (Constantine).—Samples of white soup.

3 Averezouco & Co., Patented for Algeries and France; manufactury in Toulouse.—Vegetable hair, made of the leaves of the Algerian dwarf palm tree.

4 Beaurisard, Philippeville (Constantine).—Iron ore of Mount Fitlah.

5 Bedel, Grantee, Arzew (Oran).—Crystallised salt from the Salt Lake of Arzen.

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33 Lefèvre, Agricultural, Foudouck. — Soft wheat, 1850.
34 De Lützow, Colessist, Bonn, Constantine. — Sample of saffron.
35 Mayez, E. F. M. H., Bougie, Constantine. — Olive oil.
36 Marchal, Agricultural, Boudjaréah. — Soft wheat and brown oats, 1850.
40 Oxera e. & Cie, Cigar Manufacturers. — Samples of cigars of various qualities.
42 Polizani, C. Agricultural, Kaddoum. — White cotton.
43 Prunier, J. Agricultural, Constantine. — Madder root.
44 Reverchon, R. Agricultural, Birkadeny. — Tobacco in leaves and Jumel cotton, 1850.
45 Commission of Algiers Mines, (Province of Algiers). — Samples of various ores.
46 Commission of the Mines, Bonn (Constantine). — Samples of ores: Geological specimens and minerals.
47 Commission of Wood and Forest. — Specimen of native woods and cork.
48 St. Ahmed El-Hackem, of the Amer Cherages tribe, (Province of Constantine). — A hambel, a species of woolen blanket or carpet.
49 St. Amir Sidi, his wife, Constantine. — Sample of hand-spun wool.
50 St. El-Bey Ben-Bou-Ras, M. M., Constantine. — Arab saddle with gold and silver embroidered morocco covering, and every appendage forming an Arab horseman’s equipment.
51 Simouret, P. M. M. — Perfumed essences of jasmine, geranium, &c.
52 Sozial, Edge Tool-maker, Bonn, Constantine. — An iron axe.
53 Tribe of the Béni Arab, Province of Constantine. — A white abesii burnon.
54 Tribe of the Béni Taleb, Province of Constantine. — A haick bontalhi.
57 Verrier, F. Manufacturer of Alimentary Preserves. — Oil-preserved Sardine.
58 The Dealers of Algiers. — Spun cottons, silks, woollens, carpets, blankets, belts, cloaks, scarfs, &c. Various articles of silversmith’s work.
Various Articles. — Five hats, cotton felt of Algeria, with and without a mixture of hair, manufactured by Messrs. Ernoux Diolo at Paris. Three samples of felt made with Algerian cotton. A sample of paper manufactured in France with Aloès tow and Algerian banana tree.
GERMANY. BOLZHEIM STATES.
Commissioner in London, M. BAURBEY STREET, 2, Albion Street, Hyde Park.

2. PRUSSIA AND SMALL STATES.
   a. BERLIN.

   Samples of wrought-iron, as used for rollers; sheet-iron and bar-iron rollers.

2. The Royal Prussian Iron Works, Malapane, near Opel—Pair of hard cast-iron cylinders. Samples of ores and other materials and products derived from them by charcoal furnaces at the Royal Iron Works at Malapane. Red and white calamine from the mines at Scharley, and the Calamine Works, near Scharley, in Hessen-Salz. Zinc in drops; white zinc (oxide of zinc); cadmium (metal).

3. ROYAL WORKS AT KONINGSHUTTE, Prod.—Sandy specimens of ores.

4. ELEКER, VON GROSS, & Co. Tarnowitz, Silesia, Prod.—Specimen of Roman cement found at a depth of 180 feet in a lead mine (Frederik's mine), near Tarnowitz, in Euske-Silesia.

5. STEFFL PATTERNS BEKINSER, BAGINS, Silesia, Prod. (Agent in London, C. Kekulé, 63 Mark Lane).—Patent white lead.

6. GUTKIR, W. Reichenstein, in Silesia, Prod.—Arsenic ore, showing a process for extracting the gold from the residuum of the arsenic ore. The process is founded upon experiments by M. Plitzner, Professor of Chemistry, at Freiburg, in Saxon.

7. DU BOS, C. A. Hirschberg, Silesia, Prod.—Samples of cinnabar.

8. LUKAS, M. Cunoerlof, near Hirschberg, Prod.—Samples of cinnabar.

9. MILIC, A. Warmbrunn, Prod.—Samples of bricks, with drawing and description of a brick-press of a peculiar construction.

10. BEZERMANN, E. Hirschberg, Silesia.—Rough and cut precious stones.

11. JULIUS & C. Boers, Mann.—An assortment of zinc-plates, including two as thin as a sheet of paper. Zinc-plates for tiles.

12. COCHRAN, E. K. Oranienburg, near Berlin, Mau.—Large specimen of crystallization, Prussian blue, potash.


14. BERKIN, Von S. Wiese and Marwitz, near Prenz, Holland, Prod.—Samples of raw and refined beet-root sugar from the growth of the estate of Marwitz, made at the first sugar-refinery erected in the province of Königsberg.

15. CHRISTIANI, C. H. Kersbruch, Mann.—Beets of beer and extract of beer, for ships' use, brewed without malt.

16. FADEHANN, — Klein-Schwein, Mann.—Dried "potato cut," prepared in a peculiar manner, so as to keep for years. Potato flour. 100 lbs. of cut potatoes, prepared and dried by the exhibitor. Produce: 60 lbs of flour; 14 lbs. of middling; and 34 lbs. of black flour; and 6 lbs. of bran.

17. GROSS, D. J. Berlin, Mann.—Vanilla chocolate; sultane chocolates, without spice; spiced chocolates.

18. PATZOS, G. Wietzen on the Oder, Mann.—Potato-starch syrup. Much used by the German brewers.


20. WILK, C. Berlin, Mann.—Fruits preserved in sugar. Vegetables preserved in butter, and in their natural state. Potato larks.

21. USECKIUS, L. Mullersditzit, Silesia, Prod.—Specimen of potato-starch.

22. THE ROYAL REMOUNT DEPOT, Frywout, Pomorania, Prod.—Carried wool, the fleece of an ewe four years old, of the Electoral breed, &c.

23. TRAUT, A. P., Councilor, Woeckin, near Wietzen on the Oder, Prod.—Washed and raw wool-fleece, from the staple flock at Moeglin, intended to illustrate the richness of wool with fineness of hair in the Worpswo breed.

24. LISSER, E. Zeeb, near Breslau, Prod.—Specimens of wool.

25. LIESK, Vor, Ludomby, near Obersich, Posen, Prod.—Specimens of wool, in glass, &c.

26. HAY, High Administrator of the Royal Domain, Haysburg, Sachsen, Prod.—Wool-fleece.

27. ROYAL ADMINISTRATION OF FRANZENFELD, Wietzen on the Oder, Prod.—Fleece of ram and of ewes, sheared in spring 1850. Samples of wool.

28. ROTHENTHAL, Baron S. Von, Oderberg, Silesia Superior, Prod.—Fleece of merino sheep and lambs. The flock from which these fleeces have been selected is said to be one of the most celebrated in Silesia; and out of it, sheep for breeding are sold to Silesia, Hungary, Galicia, and Posenia.

29. KUPPER, — Councillor of Legation, Dromberg, Prod.—Merino fleeces of two-year-old ewes. Exhibited on account of the fineness and regularity of the wool-staple, and as an illustration of the advance of the wool in the Prussian countries of the Middle Vistula.

30. NORDMANN, G. L. Lissow, near Nowraclaw, Prod.—Fleece of a ram and eve of Saxen breed.

31. WALTZ, F. Berlin, Mann.—An assortment of prepared, bleached, and dyed figures, and Venetian sponges. The sponges cleared by chemical process, and dyed various colours, by methods invented by the exhibitor.

32. ECKARDSEN, A. Baron of, Beschenow, Prod.—Fleece of wool exhibited on account of the regularity of the wool-staple.

33. SCHWERIN, Count of, Wolfsbagen, Uckermark, Prod.—Fleece of a ram and ewe of Saxen breed.

34. RUNE, A. Rueins, Lendig, Prod.—Flax grown in Silesia, and "swung" after the Belgian method, in the royal flax-cultivation school for Lower Silesia; hecked flax.

35. SCHREINER, A. Neu-stellins, Inv. and Mann.—Finest madder-extract, produced by a new and cheap method, for dyeing all sorts of stuffs.

36. ZIEGLER, Baron T. O., Dembran in Silesia, Prod.—Three fleeces of wool, unwashwshed, from sheep of the genuine Spanish breed.

37. LORENZ, G. Wolfart, Mann.—Samples of glue.

38. BOLLAN, A. M. Berlin, Prod.—Spinning-hut with cocoons of silk worms.

39. KIRCHWEY, Hessites, Posen, Prod.—Proofs of raw silk, made of 4, 5, 6, and 7 twisted threads. Produced upon the property of the seminaries of Paradise.

40. TASSER, D. F. Stolp, Mann.—Two pieces of raw yellow amber, as caag up by the sea. Specimens of such dimensions are very rare; 100 dollars are often paid for one pound. Pieces of amber enclosing insects, &c.
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43. **Thiel, C. L., Steglitz, Mann.**—Pieces of wood of the amber-tree; and of yellow amber as found under ground, and as cast up by the waves. Amber ornaments of milk-white colour. Sunburst set in gold with the miniature of Frederic II. &c.

44. **Freiherr von Lottwitz, Ippeln, Prod.**—Samples of unhealed flax; extensively cultivated at Ippeln. Feces of wool, from the flock of the exhibitor.

45. **Gruner, W. jun., Berlin, Mann.**—Newly invented composition for wool; yarns dyed with it.

46. **Hertz, J. F. & Co., Berlin, Mann.**—Colours, in paste, for painters and paper-hanging manufacturers; chemical substances and colours.

47. **Obereisenbrau von Bruneck, Frankfort-on-Oder, Prod.**—Fleece of a ram and of a ewe of the merino breed.


49. **Lemke, E. Hirsch, Prod.**—Fleece of fine raw wool.

50. **Hoffmann, F. Berlin, Prod.**—Sample of silk-like vegetable fibres, exhibited to show that such parts of plants may be employed in designs for the manufacture of articles, where silk is used.

51. **Frieden, C. Potdam, Mann.**—Park carriage or phaeton.

52. **Gundlach, C. Wesenbarg, Mann.**—Spinning-wheel, with inlaid work, consisting in the whole of 450 pieces.


54. **Heckel, C. Berlin, Mann.**—Vacuum boiling apparatus for sugar refining; 55 cubic feet English, sufficient for 245 leaves of sugar, at 90 lbs. weight each; it boils these leaves in 9 hours, out of clarified mixture of 30 lbs. 

55. **Bonardel Brothers, Berlin, Mann.**—Jaccard machines; machine for stamping patterns for jaccard work. Machine for cutting corks.

56. **Dorfelt, T. Berlin, Mann.**—Rifil machine.

57. **Leonard, J. E., Berlin, Mann.**—Type-setting machine, a new invention. Zinc or copper moulds may be employed.

58. **Winter, F. Berlin, Mann.**—Jaccard weaving-machines; improved by the exhibitor, the hooks being so placed that the needle is not in the line of the warp. Machine is at work.

59. **Thomas, H. Berlin, Prod. and Inv.**—Shearing-machine, for shears, for beating apparatus.

60. **Hamm, A. Berlin, Inv. and Mann.**—A turning lathe.

61. **Bennett, S. B. jun., Breslau, Mann.**—Models of zinc-roofing, on a large and small scale.


63. **Ludwig, W. Posen, Mann.**—Rifles, with screw driver, powder measure, and bullet mould.


65. **Grebel, E. Potdams, Mann.**—Rifles, in rosewood; German silver mounted case.

66. **Kerh, J. C. Berlin, Mann.**—Pistols in box, with implements for cleaning, casting balls, &c.


68. **Breitmin, W. Koppitz, near Ortskan, Prop.**—Erect double bee-hive; queen's bee basket, &c.

69. **Sprengel, Dr. C. & Co., Regenswalde, Pomerania, Mann.**—Sowing-machine; drill-machine; Indian corn threshing-machine; Flander's plough, altered by Schwarz; Pomeranian vibrating plough; Mecklenbourg hoe, with yoke; East Prussian sack, with yoke; 16-share crooker; under-ground plough; water-furrow plough.

70. **Gucker, P. Berlin, Mann.**—Night clocks; cartel brown clocks; regulators.

71. **Kruus, A. Bromberg, Inv.**—Electro-magnetic self-registering aneroid barometer. A system of four electromagnets. The galvanic circuit is completed by quicksilver every hour by means of clock-work.

72. **Kummer, J. A., Berlin, Mann.**—Specimens of artificial teeth. Samples of the material.

73. **Braake, H. P., Breslau, Mann.**—Patent rosewood grand piano, with English mechanism and arrangement for easier tuning and tightening the wires.

74. **Thieme, A. F., Berlin, Mann.**—Grand travelling clock, in leather case.

75. **Guricke, B. Zossen, near Berlin, Inv. and Mann.**—Grand piano, with powerful repeating mechanism, wholly constructed by the exhibitor himself.

76. **Summers, C. Stettin, Mann.**—Complete vacuum apparatus and air-pump.

77. **Schulze, G. Warmbrunn, Mann.**—House clocks.

78. **Baumann, T., Berlin, Inv.**—A standard measure, after Bessel. An ordinary yard measure.

79. **Norby, F. A. Berth, near Strausland, Pomerania, Mann.**—Glass plates, with divisions, applicable for observations on the micrometer and spectroscope, with clear lines in the dark horizon.


82. **Weikert & Co. (Prop. of the firm, G. Willmanns) Berlin, Mann.**—Rosewood grand piano.


84. **Bailar, A. Frankfurt, Inv.**—Ehodion, an instrument with keys of six octaves, with metal springs or: to vibrate into vibration by means of bellows. Clocks striking and going for the space of a year. Pendulum clock, showing the variation of the time at twenty different places.


86. **Lippold, J. Stettin, Inv.**—Instruments for acoustics, composed of steel, ivory, and German silver.

87. **Goldschmidt, S. Berlin, Mann.**—An assortment of surgical and physical instruments, bandages, artificial limbs, syringes, and an magnetic apparatus.

88. **Reichard, L. Berlin, Mann.**—Balance, which weighs from one milligramme to one kilogramme; that is, from 1 of a grain to 31 lbs. avoirdupois. Lbs of grammes-weights of brass, gilt by galvanic process, from one gramme to one milligramme, with ivory forks and pinocetes.

89. **Oetling, A. Berlin, Inv.**—Chemical balances, large and small, with weights. Hudley's sextants. Reflecting goniometer.

90. **Hoffmann & Eberhardt, Berlin, Mann.**—Complete assortment of apparatus and articles for chemical, physical, and pharmaceutical purposes.
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68 BURCH, E. Rathenow, Manu.—Spectacles-frames and glasses. Assortment of opera-glasses, &c. Daguerreotype portraits. Large spectacles, with foot, and various others.

90 BUNN, A., Kilam, near Landesburg, on the Warthe, Manu.—A guitar.


94 MUSTER, Royal Prussian Privy Councillor of the War Department, Berlin, Prop.—A variety of samples of blue and grey military cloths, such as are supplied for the clothing of the Royal Prussian army.

95 FRIEDRICH, C. G. Brelen, Manu.—"Gin-needle wool" for upholstery, intended to guard against moths, and for wadding. "Gin-needle wool" wadding mattresses and bolsters, &c. "Gin-needle wool" all, used for medicinal purpose, &c.

96 WALD & SOH, Zielez, Manu.—Woollen yarns, dyed and white, three and four-fold.

97 FRISCHMANN, M. Neudamm, Manu.—Broad-cloths. Grey mixture cloth, as used by the Prussian military for cloaks and trousers. Leather-coloured cloth for coaches.

98 BERGMANN & SCHMIDT, Berlin, Manu.—Woollen cloth.

99 HAASELAND, G. A. Finslerwald, Manu.—Black cloth.

100 GOSWIG, C. S. Gollits, Manu.—Woollen cloth, of various colours, dyed in the wool; manufactured out of Silesian woolls.

101 ROYER & SOH, Liegnitz, Silesia, Manu.—Imperial woolen cloths, Legoria olive colour, and Cashmere, dyed in the wool; Electoral woollen cloth and Royal black, dyed in piece.

102 SCHOEDER, F. & Co. Schweidnitz, Manu.—Buckskins and cloths for breeches, &c.

103 LUTZ BROTHERS, Cottbus, Manu.—Mulberry, olive, and black cloths.

104 COHN & HERMANN BROTHERS, Berlin, Manu.—Woollens, cotton, and silk mixed stuffs; woolen, plain, and fancy stuffs; woolen and woollen and cotton mixed stuffs.

105 COKERKIN, W. Guben, Manu.—Raw and coloured carded yarns, spun of Pomeranian wool.

106 BERGMANN & Co. Berlin, Manu.—Worsted sephyr yarns, best quality; the wools were manufactured by the United Spinning Company at Gotha.

107 FLEISCH & SOH, Guben, Manu.—Black cloths, black rotary, &c. exhibited for cheapness combined with quality; manufactured from wool of Silesian, Pomeranian, Marchian, Prussian, Marchian and Australian woods.

108 SCHLIEFF BROTHERS, Guben, Manu.—Black cloth and satin, exhibited on account of beauty and cheapness.

109 FREUND & SOH, Berlin, Manu.—Pieces of figured and plain Orleans and Gros-de-Berlin.

110 HERRMANN, E. von, Lusatia, Manu.—Coloured ladies' cloths. Black cloth.

111 MERMIS & SOH, Finslerwald, Manu.—Pieces of black cloth, various; manufactured from Silesian wool.

112 Boeing, F. A. Goldberg in Silesia, Manu.—Pieces of cloth, dyed in the wool, black and blue, dark green and red.

113 MAIZ & WERNER, Berlin, Manu.—Cashmere shawls, in sundry colours and designs. Mohair, woolen, and cotton velvets.


115 WERNER & Co. Schwedtberg, Silesia, Manu.—Cashmere shawls: Coloured and figured velours d'Urreich; castorine; pallas; tallump; transparent; leopard, &c.

116 GERMANY, C. W. Berlin, Inv. and Manu.—Plush for hats, exhibited for colour and texture; manufactured of Italian and French silk, and of cotton spun in England. Silk plush for caps.

117 KAUFMANN, H. Berlin (Agent in London, C. Schwab, 316 Oxford St.), Inv. and Manu.—Printed and other plush for furniture; livery pluses; plush for coats, shoes, caps, &c. Velours of cotton (Castorine).

118 SCHWARTZ, E. Bries, Manu.—Silk and worsted borders, tassels, and fringes, for carriages. Bridles, gun-ribbons, girths, &c.

119 GABAL, G. Berlin, Manu.—Various silk goods. Silk and cotton, silk and gold, and silk and silver goods, of original designs.

120 KRAMER, C. Hirschbar, Silesia, Prop.—Linens, half linens, handkerchiefs, &c., manufactured by the weavers in the neighbourhood of Breslau.

121 SISSEL, H. (Heirs of) Wuerstelwalters, Silesia, Merchants.—Bleached linen, for the South American markets.

122 WERNER & SOH, Wuerstigardorf, Silesia, Manu.—White linens; Nos. 101 to 109 are exported to America under the name of plattus.


124 REIMANN & GESER, Hirschberg, Silesia, Prop.—Pieces of bleached linen.

125 KÖSTER, E. June, Goellits, Manu.—Hunting-bag made of hemp pack-thread. Samples of two and three-cord extremely fine hemp-twines.

126 SÖLLER & SOH, Gosau, Manu.—Linen, and half line damask ticking; table-cloth and napkins.


139 FESTENG, J. C. Greifenburg, Silesia.—Linen pocket handkerchiefs.

130 TEICHER & BURGER, Wustkugel, Manu.—Raw and white household linen; Nos. 1 and 3, 2,400 warp threads; Nos. 2 and 4, 3,300 threads.

131 SCH rays, C. F. Berlin, Manu.—Satin d'Amérique, manufactured out of the fibre of the American alce for furniture. Shawls of various fabrics.

132 SIEHMANN & WURSTER, Berlin, Manu. Agent in London, C. Holland, 41 Finsbury Circus. Plaids, broché, fides, umbrellas, and umbellas, manufactured out of cotton and woolen; Esmeralda and umbrellas China, out of cotton, silk, and woolen; tartans, all wool.

133 MÜLLER, MAX & CO. Berlin, Manu.—Coloured cotton and silk mixed plush, for export to North America.

134 OPPELHOFFER & HARTUNG, Berlin, Manu.—Shawls of various kinds. Plaid, tartan, &c. The woollen yarns used are of German make, except two articles, which are worked partially with English yarns.

135 PINTUR, H. Jun. & Co. Brandenburg, Manu.—Em-

155 Wagner, F. G., Berlin, Manu.—Specimens executed by the lining and relief copying-machines of the exhibitor.

156 Mense & Kunz, Berlin, Manu.—Specimens of letter-press printing.

157 Kaeseritz, S. N., Berlin, Manu.—Printed tablecovers.

158 Trautwein, T., Berlin, Publisher.—Map of the industry of Central Europe, drawn on linen.


160 Gloex, L., Berlin, Manu.—Berlin paper patterns.

161 Steff & Harran, Potsdam, Des. and Manu.—Specimens of embossed silk, representing the Neptune grotto, built by Frederick the Great, at Sans Souci. Gentleman's silk crepons. Silk waisting. Embroidered waistcoats.

162 Steff & Co., Berlin, Manu.—Berlin paper patterns, for embroidery.


164 Buchardt & Sons, Berlin, Manu.—Printed oil-cloth, table-covers, painted window-blinds, and double floor-cloths; hat-linings; oil-cloth for carriages; carpet.

165 Lipe, W., Berlin, Manu.—Sofas and other carpets of machine-made felt, and of woven texture.

166 Gruttenthal, Berlin, Manu.—Paper patterns for embroidery.


168 Neus, F. W., Berlin, Manu.—Berlin paper patterns for embroidery, new composition.

169 Park, C. F. W., Berlin, Manu.—Embroidered carpet.

170 Rudloff Brothers, Berlin, Manu.—Berlin paper patterns for embroidery, representing Cardinal Ximenes; Leben and Jacob; and Hagar in the desert.

171 Trox, A., Berlin, Manu.—Paper patterns for embroidery, more Vogel, &c.


173 Sommerfeld, B., Berlin, Manu.—Embroidered altar-cloth, and other specimens of embroidery. Assortment of embroideries, on pocket-books, cigar-cases, portemonnaies, &c.

174 Becker Brothers, Berlin, Manu.—Carpet in Turkish style, flower pattern, and arabesque pattern, in one piece; and a variety of carpets with figures.

175 Dylhagen, A. F., Berlin, Manu.—Velours carpets.

176 Glce, L., Berlin, Inv.—Patterns of paper used for embroidery.

177 Andreeff, P., Berlin, Manu.—Morning shoes, with embroidery in gold; riding boots; waterproof boots; cork boots, of varnished leather; ball boots for officers in the army, &c. Pegs made by Mr. Mielert, for fastening the soles of the boots instead of sewing them.

178 Freytag Brothers, Berlin, Manu. Agents in London, Kroh Brothers, 1 Bread St.—Silk shag hats, worked upon felt and chip; lady's riding hat, with veil.
179 Passmore, S. Berlin, Manu.—Dee-skin gloves. Washable kid gloves. Ornamented gloves, for ladies. Silk brasses, &c.

180 Woltz, G. C. Berlin, Manu.—Coloured kid gloves. Lambskin, deerskin, dress, and other gloves. All made of German leather.

181 Sélom, C. Berlin, Manu. Agent in London. C. Schwenk, 314 Oxford St.—An assortment of felt hats, silk-cap hats; felt bonnets; imitation felt hats and bonnets. Several of these articles are made of new materials.

182 Lietzmann, J. C. H. Rummelberg, near Berlin, Manu.—Shoe waxes and legs: the leather from which these articles are cut is tanned by a patent process invented by the exhibitor, which renders it durable and waterproof.

183 Muelles, T. L. Berlin, Manu.—Boots for deformed feet. Foot and lasts modelled after nature.

184 Frey, C. Berlin, Manu.—Boots and over-shoes.

185 Schwenk, F. Potsdam, Manu.—Lamb-skin and kid gloves.


188 Hess, J. A. Berlin, Manu.—Cutlery manufactured of refined steel, the produce of the smelting works of Siegen.


190 Arendt, G. T. Berlin (Agents, Krohn Brothers, 1 Bread St. London).—Iron-safe bureau: the large doors, cases, and locks open and shut, notwithstanding their great weight, with perfect ease. Exhibited for workmanship.


192 Vöckl, A. Councillor, Lieguitz, Prop.—Photographic copies of works for manufactories executed by the photographer Birk, at Hirschberg. Phalloplastic model of the ruins of a Gothic church. Silesian marble slabs. Chimney-piece, brown glass, to exhibit the application of clay formerly only used for pottery to finer objects. The designs are executed by the exhibitor, and executed by Mr. Fockele. Crystal glass decanter, after a sketch by the exhibitor; executed by the glass-painter Finch, at Weimar.


194 Hark, W. Neustralsk, Manu.—Tin-plate portable steam-producing apparatus. Brass stoves for heating rooms by steam.

195 Kümmer, K. W. Berlin, Inv.—Globe in relief, four feet diameter, on a pedestal.

196 Zesch, J. Berlin, Manu.—Varnished tin articles, representing Cells ethiopics, &c. in blossom. Embossed fruit-baskets. Bread-baskets, with pierced edges, and with this network.

197 Köhler, D. Stettin, Manu.—Iron safe, the locks so constructed that they cannot be opened without the maker's explanations.

198 Lehmann, A. F. Berlin, Manu.—Cast-iron balcony decoration, crucifix, and altar candlesticks. Various cast-iron large and small articles and ornaments.

199 Low, M. Frankfort-on-the-Oder, Manu.—A variety of tin and tin-plate articles.

200 Streibl & Co. Berlin, Inv.—Japan articles, ornamented with paintings, &c. Lamps, in German silver, brass, bronze and composition, gilt, &c.

201 Eberle, F. A. Berlin, Manu.—Cast-iron chimney-pieces, varnished; two side-pieces of cast-iron.

202 Laube, C. Neu-Stettin, Manu.—All-time door to a stove for heating rooms. Drawing of a stove, constructed after the principle of the safety-lamp of Sir Humphry Davy.

203 Schwenk, F. Berlin, Inv.—Writing-stand, partly of gilt silver and partly of gold, under a glass cupola, upon a rosewood column. Daguerréotype plates, plated by galvanic process, and flattened without hammering.

204 Winterfeld, J. A. Breslau, Manu.—Articles in yellow and white amber: vase of yellow amber; set of chess-men; set of ladies' ornaments; buttons for ladies' dresses; amber top with a meerschaum pipe, &c.

205 Jantzen, G. E. Stolp.—A set of yellow amber ornamental chased with gold. Toilet-table, bearing a tureen, two candlesticks, and six wine-glasses, all of yellow amber.

206 Gassen, A. Stettin, Manu.—Cage for a parrot in Berlin silver.


210 Williams, G. W. Berlin, Manu.—Cut plate-glass, representing the theatre and the two turrets of the churches adjacent on the Gendarmen Square at Berlin.

211 Court Sole, Administrator of the Glass-works, Baruth, near Berlin, Manu.—Samples of coloured glass. Lamp glasses; a variety of tumblers, wine, and champagne glasses. Coloured bottles; blue glass plate.

212 Fuchs, M. Warmbrunn, Silisia, Manu.—Punch-bowls, decanters, cover, spoon, tray, and vessels in alelabaster. Decanter, with glasses and tray. Wine-cup, with open opaque glass; and with deep and raised cut decorations upon a dull ground.

213 Loch, J. F. & Co. Berlin, Manu.—Various glass articles for chemical or experimental purposes.

214 The Royal Prussian Porcelain Manufactory, Berlin.—Vases, with paintings after Peter Vischer, Milé, Slingseland, Von Klöber, and Bellermann. Chandellers of a green mass, with biscuit-figures upon a bronze socket, and pedestal of gypseum-marble, with nineteen bronze candlesticks, and bronze lustres. Punch-bowl, with the painting of a drinking company, after Hogarth. Flower vessel, after Watteau. Octagonal devisor, of eight pieces, in lapis-lazuli ground, &c.

215 Auter, V. Wilhelmshütte, near Sprottau, Manu.—An assortment of enamelled stone-wares.

216 Altmann, J. G. Bunsau, Manu.—Specimens of earthenware, including a coffee-pot to contain 200 cups.

217 Matthes, J. G. H. (Widow), and Son, Frankfort-on-the-Oder, Manu.—Crockery and earthenware, comprising
consoles, lamps, vases, plateaux, and fruit shells, of clay in the vicinity of Frankfurt.

218 Faehren & Hitzes, Frankfort-on-the-Oder, Manu.—A large assortment of earthenware crockery, manufactured from material found in Frankfort.

219 Tielman, Carl, and Co. Altwasser, Silesia, Manu.—Extensive assortment of painted and white porcelain chinaware, made of the purest porcelain clay, and remarkable for its clear whiteness and great hardness. This chinaware is known as Silesian china and is exported to Germany, and is exported to Sweden, Denmark, Norway and North and South America.

220 Villeroy & Boch, Wetterfanger and Whittich, near Troevre, Manu.—Fine stone-ware, decorated with ornaments of the same material, but differently coloured with plates, gold, and paintings. Common and fine pottery-ware. Kitchen pottery of black material with white enamel, called ironware.

222 Bauz, A. L. Potsdam, Manu.—A number of figures and consoles, in stone and wood, carved, bronzed, and gilt.

223 Bauer, E. Schwerin-on-the-Werthe, Inv. and Manu.—Flower table, with a bird-cage of oak wood, in the gothic style.

224 Bismarck, Louise, Berlin, Inv.—Fire-screen, with plush embroidery.

225 Zettin, H. Brunsen, Mann.—Bell-ropes of coloured silk, silk and gold, silk and silver.


227 Muller, F. Berlin, Manu.—Samples of gilt frames, which have lasted seven years, and which were (with the exception of four corner pieces) gilt by a process that secures durability.


229 Raczer, G. Berlin, Manu.—Plate cabinet and étagère cabinet of rosewood, richly carved: exhibited on account of their workmanship and the beauty of the wood.

230 Eichholz, F. Berlin, Manu.—Slabs of parquetté flooring.

231 Alberti Brothers, Waldenburg, Silesia, Prop.—Platillus royales, as exported to Mexico and the West Indies.

232 Becker, F. Berlin, Manu.—Easy chair, with mechanism, and a reading-desk attached.

233 Below, F. Berlin, Manu.—Pattern-card of papier-maché gilt cornices.

234 Bohn, Berlin, Manu.—Painted window-blinds in colours and in sepia.

235 Cantian, — Berlin, Inv.—Marble pedestal. Table-top of marble. Circular table-top of red granite. Large vase with pedestal.

236 Kutter, A. Wolgast, Mann.—Linen press.

237 Schieltzen, J. F. E. Berlin, Manu.—Octagonal mosaic table of rare Indian woods. Samples of the wood. Easy chair capable of being taken aushend.

238 Summerfield & Hunter, Potsdam, Mann.—Round mahogany tables.

239 Wamp & Schroeder, Berlin, Manu.—Painted window-blinds.


241 Uhlem, C. Hirschberg, Manu.—Porcelain water-pipes.

242 Engler & Son, H. M. Berlin, Manu.—An assortment of brushes of every kind and description. A plate with the royal Prussian arms, &c. formed of hair in the manner of brushwork.

243 Knoff, A. Berlin, Manu.—Papier-maché frames for daguerreotype pictures. Sundry articles, as pocket-cases, cigar-cases, &c. used as frames for daguerreotype pictures.

244 D'hauwe, C. Berlin, Manu.—Bonnets, of Brussels, Swiss, and Savonet straw, and Italian chip. Loghorn bonnet and table covers, the Prussian and Bavarian arms, embroidered with straw and Manilla hemp.

245 Dreyfus, W. Neu Kuppin, Manu.—Writing-desk, with an iron safe and a clock. Ladies' toothbrush. Work-table.

246 Koerner, M. Schlesius, in Lower Silesia, Manu.—Basket, the mass of which is a composition of tin, lead, and glass, and consists of many thousand separate parts, which are soldered together and fastened upon wire rings.

247 Miss. L. & Co. Brandenburg, Manu.—Sample-card of wood lists-gilt.

248 Gerhardt, C. A. Berlin, Prod.—Portfolios and albums, in morocco and velvet. Pocket-books, cigar-cases, portmanteaus, &c., with arabesques and medallions stamped upon the surface of the leather or velvet by a peculiar process.


251 Manzel, F. Weissenfels, Manu.—A newspaper pocket or envelope.


253 Riedel, Hirschberg, Silesia, Manu.—Stuffed goat. A stuffed cow, without a head.

254 Daukes, H. Quaritz, Province of Lower Silesia, Manu.—Specimens of soaps in various designs.


256 Bank, A. E. Berlin, Manu.—Dolls of various kinds.

257 Wurzer, M. Berlin, Manu.—Umbrella and parasol sticks.

258 Schmidt, J. C. Erfurt, Manu.—Wax baskets and flower-pots.

259 Zecher, L. Mullrose, near Frankfort-on-the-Oder, Manu.—Hunting and shooting bags. Hare and wildfowl bags. Large net bags.

260 Krause, W. Berlin, Manu.—Purses, cigar and fuzee-boxes, pocket-books, spectacle-cases, ladies' boxes, card-cases, letter portfolios, and purses.

261 Knobloch, L. Schleswig, Mann.—White wax baskets, with painted and gilt decorations. Coloured wax octagonal basket. Decorated wax tapers.

262 Motzkin, A. Berlin, Manu.—Samples of straw from tallow, prepared in various modes. Basting candles. Grease from palm-oil, and candles manufactured from the same, and with an exterior cost of straw.

263 Pael, A. Berlin, Manu.—Tallow-oil and palm-soap. Tallow for candles, &c. The tallow used in these articles is of Prussian production; the palm-oil imported from Liverpool.

264 Streckerch, H. Berlin, Manu.—Cigar-cases, portfolios, embroidered card-holders, purses, pockets for keys, of straw and leather in combination.
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265 SCHRLE, G. Berlin, Manu.—Toys, an English regiment on parade in presence of Her Majesty Queen Victoria and of her royal suite, formed of painted pewter figures, &c.

266 FISCHER, F. Guben, Manu.—Gilt and ornamental borders. Artificial flowers and leaves. Gilt, silvered, and coloured paper. Articles used by bookbinders, leather-workers, embroiderers, and printers, &c.


268 BÖHMANN, L. Warmbrunn, Province of Silesia, Inv.—A landscape and several figures of animals, of very distinct size, cut out of bone.

269 DÂRKÉ, A. Berlin, Inv.—Wreaths of flowers, carved out of a solid piece of oak, applicable as a frame for painting.

270 ALBERT, J. Berlin, Inv.—Frame, carved in wood and gilt, after a drawing by Slüter; and Madonna, carved out of linden-wood; the property of H. M. the King of Prussia. Relief, carved in wood, representing Silenus inebriated after the fashion of the ancient Greek. A brooch, after a spider-web. These articles are unique, as the models did not admit of multiplication. The first two were finished in one casting, the others required two castings.


274 EMSEL, F. Berlin, Inv.—Model of Flemish's undulating plain. Model of an ellipsoid.


276 LANDER, C. L. Warmbrunn, Inv.—Artificial compositions of moss, representing Wartholdsen, in Silesia, Kösen near Nürnberg, the lead chambers at Venlo, the Rochefall, a mill on the hill. Chiefly made by the exhibitor himself.

277 KEIL, C. B. Steckin, Inv.—Cork models of the gate of Basle; castle of Rheinstein on the Rhine; castle Langenau on the Lahn; ruin of the gate at Damascus; castle of Rheinneck, &c.

278 KRAUSE, M. Berlin, Inv.—Cast of the Twelve Apostles, which were carved in oak, and fixed in the shield, presented by the King of Prussia to the Prince of Wales. Bracelet of various paste, with casts after gems in the Royal Prussian Collection, enchaissed in gold.

279 KÖLL, Prov. A. Berlin.—Group, in zinc, bronzed, representing an Amazon on horseback attacked by a tiger, after one cast in bronze in 1839, by a number of amateurs, and presented to the King of Prussia, and which was placed by his Majesty's command in front of the Royal Museum, Berlin, designed by the exhibitor, cast in zinc and bronzed over by M. Geiss, of Berlin, in his peculiar manner. Group in bronze, as above, on a small scale.


282 WINKELMANN, J. Berlin, Inv.—Statute of Frederick II, Elector of Brandenburg, produced by electrotype process. Tray; vine-bearer; large antique bowl; reliefs; chandeliers; candlesticks; candles, &c., all produced by the same process.

283 FELLER, J. Berlin, Inv.—Model in plaster, a shepherd attacked by a leopard.

284 HANSE, K. Berlin, Inv. (London agent, M. Krouneheim, 32 Paternoster Row).—Specimens of books, notes, labels, &c. in black, colours, and gold. Specimens of types. Brass types for bookbinders and gilders, and electro-types matrices for casting large types, &c.

285 KALDE, T. Berlin, Inv.—Group: the Bacchantes with the Panther. Cast of plaster of Paris from marble. A Boy with a Swan, in bronze, the property of H. M. the King of Prussia.

286 FRÖPFER, C. Berlin, Inv.—Various medals, in white and bronze metals.

287 MÖLLER, —, Berlin.—Ornamental castings in bronze: the Prince of Prussia, and Prince Albert of Prussia on a horseback. A brooch, after a spider-web. These articles are unique, as the models did not admit of multiplication. The first two were finished in one casting, the others required two castings.

288 SÖNDAHRMANN, —, Artist of the Royal Academy, Berlin, Inv.—Stag's head, of plaster of Paris, saturated with wax and varnish. Bank's head, of stone.

289 FISCHER, L. Berlin, Sculp.—Newfoundland dog in bronze, after the model of Möller, and figure base, cast in one piece, and has not been retouched by the chisel. Bronze figure with pedestal representing Hope; after the model of Rauch, cast and chiselled by the artist.

290 HETZMAN, C. Berlin, Prop.—Architectural works. Map of Berlin, Potsdam, &c., exhibited as specimens of lithography.

291 BERGNER, G. W. Berlin, Inv.—Front of the Royal Arsenal, Berlin, employed in 1844 as the armory of the great German Exhibition. The principal material is paper; the moulds for the bas-reliefs, &c., cut by the medalist Fischer.

292 MOELLER, C. Berlin, Inv.—Bronze groups: Boy with a Newfoundland dog; Girl with a bull-dog.

293 FRANZ, J. Berlin, Inv.—Bronze figures of Victory after the original of Rauch. Bronze figure: Victory recording her hero.

294 FADDEJANOFF, B. Berlin, Inv.—Cast of the union of the German Princes for the completion of the cathedral at Cologne, after a drawing by Prof. Hoffstadt of Munich.

295 BRIANCON, F. Berlin, Inv.—Marble busts: Shepherd after Thorwaldsen; Paris after Canova; Venus after Thorwaldsen.

296 FISCHER, C. H. Berlin, Inv.—Figures in bronze: Eagle; a Girl praying; a Danalto.

297 DREYFUS, F. Berlin, Inv.—Two heads of children at play, in Carrara marble.

298 FAUSS, G. Berlin, Inv.—The Butterfly catcher, cast in bronze.

299 KESSEL, C. Griesfeld.—Bronze full length statues of the statue Polyhymnia, after the antique statue in the Royal Museum, Berlin.

300 KONERSKY, A. Berlin, Sculp.—A bronze group representing a child with a clock, modelled by Albert Wolf, sculptor and member of the society of the Academy of Fine Arts at Berlin.

301 MARCHE, H. Berlin, Inv.—Collection of models for gilders, in a composition of sulphur.
COLOGNE.

303 BURSER, Dr. Orsensburg, Inv.—Paintings produced by chemical action; the process is applicable to the purposes of painters, designers, and calico printers. A new invention.

305 SCHOLLER, Simon & Co., Berlin, Publishers.—Copperplate printed maps. Lithographic printed and coloured maps, and geological maps by the most eminent artists of Berlin.

304 SWITZER, C. G. Breiden, Prop.—Model of an old Greek theatre, made of paper.

305 SCHIMAN, L. Berlin, Inv.—Model of the obelisk of Luxor, at present on the Place de la Concorde, at Paris; electrotypes and gilt. The electrotypes are here been employed to exhibit the plaster of Paris model with accuracy; this is difficult to attain in the ordinary process of casting; from the shrinking of both the mould and the metal.

308 WIECKE & SONS, Berlin, Inv.—Lithographic prints; coloured and executed by the exhibitors; exhibited as specimens of the state of lithographic art in Berlin.

307 WOOLL, A. Berlin, Des.—Marble statue—Girl with a Lamb.

308 ZEKER, F. W. Berlin, Painter.—Ten panels of painted glass.

309 BRONNER, J. Berlin.—Bronze portraits: Prince of Prussia, Princess of Prussia, General Wrangel, and Professor Ranck. Bronze statues: Virgin and Infant, invented and executed in bronze by the exhibitor, and bequeathed by Mr. Marias, the explant of the "Shield of Faith" (presented by the King of Prussia to the Prince of Wales).

310 BLAUBERG, G. Berlin, Inv. and Mod.—Statue of Louis van Beethoven, in bronze. Equestrian statue of the Empress of Russia, in bronze. The chastings by A. Konarzewski, academical artist.

b. COLOGNE.

311 BURGER, J. Biesse, near St. Wendel.—Manganese in masses and in powder.

312 BRUSSE, Brossum, Linn, on the Rhine.—White lead and white zinc; Kremerweiss pure carbonate of lead. Hard and soft varnish.

313 BRUNKER, L. Bonn.—Two cylindrical blocks of alum, copper and refined. The rhombus alum is usually conveyed in crystallized cylindrical blocks without any external case to protect them.

314 BRACCI & Co., Cologne, Inv. and Manu.—Oxidised plates of lead. The exhibitors state that by adopting preventive measures, they prevent the noxious effects of the manufacture.

315 BURGER & Co., Stolberg.—Ores of zinc and lead; Willeine; Calamine; Steinfurth; chlorophosphate of lead. White lead, carbonate of lead, and sulphuret of lead from the mines of Bubachen and Zufriedenhofe, &c.

316 MAKHERHAUS & KLEINSER, Brothers, Mechenbach and Cornten.—Lead ore, from the mines of the Count Lippé, and of the Counts Kreuser, on the Lead mount in the Elzef country. Metallic lead, shot, &c.

317 FÖRSTER & FANTIN, Cologne, Manu.—Richly ornamented white marble chimneypiece, in renaissance style. Slab of coloured marble.

318 SOCIÉTÉ DES MINES ET FONDERIES D’ESCHEWELER, Stolberg.—Samples of lead and zinc ore. Piece of silver, weight about 11 lbs. Spelter, and refined lead.


320 WÄLDERHAUS, O. W. Ravenberg.—White lead; exhibited for beauty and cheapness of manufacture.

321 LANZIANI, 8. Coblenz and ANDERNACH, on the Rhine.—Lava millstones, from the lava quarries of Nieder Heidelberg, near Andernach on the Rhine. They can be procured as large as 6 feet in diameter, and 18 inches thick. The quarries are supposed to have been worked for twenty centuries.

322 HAGEN, F. Cologne.—Ores of zinc (calamine from Martern and Josephine mine at Berg, Gladbach, near Mülheim on the Rhine; and spelter—fair average specimens of the produce of the mine.

323 KONIG, G. Treves.—Sandstone for buildings and sculpture. Specimen from Uelmsingen, very strong; from Aix, and of the same sort as that used by the Romans for the Porta Nigra, at Treves; from Lorch, Mainz, and Wasserschlag, and Tawern.

324 BREMERS, Lohne, near Bonn.—Specular steel iron, produced from carbonated iron ore. Pig iron. Iron ore, to be used in the production of natural steel. Natural steel. Carbonated iron ore, from the mine Stalberg, near Mülheim district of Siegen. Hydrated oxide iron ore, from a mine in the neighbourhood of Müne.

325 WEVER, C. Manheim, Mann.—Rough pebbles, taken from the bed of the Rhine, cut as diamonds. Exhibited for the cutting, which caused the exhibitor a twelvemonth's incessant labour.

326 BERESE & SONS, Lohbritte, near Bonn, Manu.—Specimens of steel.

327 MARGARY, DR. L. C. Bonn.—Chloroform, sulphuric ether, concentrated scopic acid, and other chemicals.

328 PAULS, O. Carlsruhe, Mann.—Specimens of prussiate of potash, sal-ammonia, muriate of ammonium, and phosphates.

329 THE CORPORATION OF MILLERS, Lissa, Mann.—Samples of stamped miller, buckwheat seeds, and oatmeal.

330 KEMPER, L. Newt, Mann.—Potato flour.

331 WIELAND, A. C. Wallersheim, near Coblenz, Mann.—Farina, or improved potato flour; the same ground. Extensively used for stiffening muslin, &c.

332 WATZ, F. Newt.—Sage and potato flour. Manufactured without the use of any chemical substance.

333 WEERT, A. & Co. Bonn.—Samples of potato flour.

334 WISSMAN, A. & Co. Augustenhütte, near Bonn.—Mineral oil, bituminous paper coal, fossil black, paraffine, and fire-lac.

335 FLOCKE & CO., Cologne.—Coloured flock wool; printed half wool and silk; and mercer wool. Nap thread used in the treatment of linen and cotton threads in all dark-coloured cloth.

336 LOGES, J. C. Cologne.—Samples of Cologne glue.

337 BORN, C. Brühl, Mann.—Refined oil, obtained from bones and other animal substances, and which remains fluid till the thermometer sinks below zero.

338 HINTZ, A. & Co. Elch, Luxemburg.—Cast-iron stoves; German eagle as on the fortress of Luxemburg. Cog-wheels for machines.

340 MÜNZELMANN, J. Aix-la-Chapelle, Mann.—Carriage called calash, with Collinge's patent springs of English steel; the body of mahogany panels, the inside lined with Lyons silk.

341 MÜLLER, J. Cologne, Mann.—Various trusses and bandages, exhibited for their simplicity and cheapness.

342 BREITEN, L. E. & Co., Neudorf, Inv. and Manu.—A ship's chronometer, and an explanatory plan, being a novel invention.

343 DORNER, M. Baden, Mann.—A seconds' watch, made of ivory, with gold screws and steel moving power. It works in ten rubies, and weighs, glass and case included, only half an ounce. Another, weighing five-eights of an ounce.

344 BAYREUTH, C. Eschenbach, near Bonn, Inv.—"Life-motion, new instruments for the medical art." Artificial leech.
### COLOGNE.

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
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<td>344</td>
<td>E. C. &amp; Co., Cologne, Manu.—Printed calicoes and handkerchiefs.</td>
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<td>345</td>
<td>Beutel, J. &amp; G. Zambona, near Aix-la-Chapelle, Manu.—Woollen cloth.</td>
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<td>346</td>
<td>Chemnitz, L. Montjole, near Cologne, Manu.—Woolen backskin for winter and summer.</td>
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<td>347</td>
<td>Kaes, J. H. Montjole, near Cologne, Manu.—Fancy cassimere of 56 inches and 32 inches.</td>
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<td>348</td>
<td>Jansen, J. W. Montjole, near Cologne, Manu.—Woollen stuff for summer palette. Woollen summer backskin, worked with silk. Woollen winter backskin, manufactured chiefly from wool of Sielos.</td>
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<td>349</td>
<td>Ostermann, F. W. Aix-la-Chapelle, Manu.—Coloured backskin.</td>
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<td>350</td>
<td>Meyer, J. A. Montjole, Manu.—Winter, summer, and fancy backskin.</td>
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<tr>
<td>351</td>
<td>Schmied, J. A. Montjole, near Cologne, Manu.—Summer backskin. Flannel, made from yarn, which is a mixture of silk-wool and wool. Hitherto, wool and silk have only been used together twisted, or the warp was silk and the weft woolen. The peculiarity of this article is, that the silk and wool are more solidly united, and may be spun thinner than when alone. Jacquard designs for winter goods.</td>
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<tr>
<td>352</td>
<td>Ulrich &amp; Schützler, Opladen, near Cologne, Manu.—Woolen yarn, and knitting worsted yarns of various colours. Patterns of screws: the wire produced from Rhenish and Westphalian iron.</td>
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<tr>
<td>353</td>
<td>Mesmer, J. G. Marchant, near Aix-la-Chapelle, Manu.—Agents in London, Droit, Crigge, Co. &amp; Co., 47a Moorgate St.—Black cassimere (satin-de-laine) manufactured from Sielos wool.</td>
</tr>
<tr>
<td>354</td>
<td>Haas &amp; Sons, Bocotta, near Aix-la-Chapelle, Manu.— (Agent in London, H. Hoffmann).—White cloth; white casimere for court waistcoats; white satin for court dress; satin; and doekskin.</td>
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<td>355</td>
<td>Vemser, F. Aix-la-Chapelle, Manu.—Doekskin and ladies' cloth.</td>
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<td>356</td>
<td>Zambona, J. &amp; G. Bocotta, near Aix-la-Chapelle, Manu.—Winter cashmeres; demi-ecosin and summer; black winter and summer tricots.</td>
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<td>357</td>
<td>Andreau, C. Meilheim-on-the-Rhine, near Cologne, Manu.—Velvets: German, Lyons and Genoa styles; mantilla. Black figured velvet shawl. Worsted plush, for furniture &amp;c.</td>
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<tr>
<td>358</td>
<td>Gwes &amp; Schmidt, Sowlits, Prop.—Black and coloured broadcloths. Ladies' cloths, black and blue. Broad backskin.</td>
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<tr>
<td>359</td>
<td>Borisse, C. L. Aix-la-Chapelle and Jagembrand, Manu.—Cashmere cloth—Pensée, black, and olive.</td>
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<tr>
<td>360</td>
<td>Breismann &amp; Co., Bocotta, near Aix-la-Chapelle.—Thick and heavy cashmere. Mohair headings. Mohair cloth of fine twisted yarn.</td>
</tr>
<tr>
<td>361</td>
<td>Prax &amp; Rudesel, Aix-la-Chapelle, Manu.—Russia cloth, bronze, for riding-coats. Piece of wool satinor; black croise; and black croise.</td>
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<tr>
<td>362</td>
<td>Schoeller, J. P. Duren, Manu.—Wool-dyed superfine cloth; wool-dyed blue marine cloth. Black superfine satin-de-laine. Made and finished after the English methods.</td>
</tr>
<tr>
<td>363</td>
<td>Haas, C. &amp; Sons, Moselkern, near Coblenz, Manu.—Woollen coverlets; viz.:—White blanket, with red stripes. White and red check blanket. Horse-cover. Ordinary grey blanket, &amp;c.</td>
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<tr>
<td>364</td>
<td>Hendricks, Francis, Eupen, near Aix-la-Chapelle, Manu.—Specimens of fine and superfine cloths.</td>
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<tr>
<td>365</td>
<td>Pauli &amp; Beckers, Borlette, near Aix-la-Chapelle, Manu.—Black royal; croise; Cashmere; satin; and satin tigre.</td>
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<td>367</td>
<td>Kienzle, A. Aix-la-Chapelle, Manu.—This twilled cloth, and ladies' cloth.</td>
</tr>
<tr>
<td>368</td>
<td>Kieser, J. H. Aix-la-Chapelle, Manu.—Black twilled cloth, plain cloth, and doekskin.</td>
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<tr>
<td>369</td>
<td>Kieser &amp; Von Halpern, Borscheld, near Aix-la-Chapelle, Manu.—Drap croise noir Electrocal. D'Amazone corinth. All piece-coloured, and manufactured exclusively from German wool.</td>
</tr>
<tr>
<td>370</td>
<td>Kips Brothers, Aloys, Aix-la-Chapelle, Manu.—Black cloth, plain, and twilled; and black doekskin.</td>
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<td>372</td>
<td>Thewissen Brothers, Aix-la-Chapelle, Manu.—Light twilled cloth; doekskin; palette; croise; fancy and silk twilled, and Cashmere.</td>
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<td>373</td>
<td>Steinmetz &amp; Geisler, Eupen, near Aix-la-Chapelle, Manu.—Black twilled cloth.</td>
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<td>374</td>
<td>Pape, C. G. Messenfeld, Manu.—Silk serzet and floret twilled and silk ribbons. Coloured twilled; black shirting; reddish twilled floret; white twilled; and coloured fine floret silk broad. Black shirting. Bemersilk silk laces.</td>
</tr>
<tr>
<td>375</td>
<td>Auffeit, H. A. Aix-la-Chapelle, Manu.—Various specimens of black cloth.</td>
</tr>
<tr>
<td>376</td>
<td>Andreau, C. Wiltsaim-on-the-Rhine, near Cologne, Manu.—Velvet ribbons. Gillets valour, double stamped—a new article. Gillets valour chisé; figured velvet; and silk plush.</td>
</tr>
<tr>
<td>377</td>
<td>Felner &amp; Guillemin, Cologne, Manu.—Iron-wire ropes manufactured from German iron-wire. Ropes, cords, and threads, manufactured from Musilia, Rhenish, Russian, and Italian hemp. Samples of starch, manufactured of wheat.</td>
</tr>
<tr>
<td>379</td>
<td>Heine &amp; Freydenberg, Weisheim, Manu. (Agent in Liverpool, Mr. L. Hoste, 1 School Lane).—Calf-skins, japanned black, and black polished, for boots and shoes.</td>
</tr>
<tr>
<td>380</td>
<td>Obereber, H. Treves, Manu.—Skins of Morocco leather. The tanning has been effected by aspen and birch, till now not used in the department of Treves. German and Java upper leather; calf leather; leather for soles, tanned with the inner and smooth bark of the oak.</td>
</tr>
<tr>
<td>381</td>
<td>Weeser, W. St. Vit, Manu.—Hide of a Java black calf's skin, entire, tanned in five months.</td>
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<tr>
<td>382</td>
<td>Berens, M. Treves, Manu.—Leather, consisting of hides tanned with bark from the environs of Triera.</td>
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<tr>
<td>383</td>
<td>Bürckmann, J. W. St. Vit, Manu.—Hide of leather for soles; tanned skin of a Buenos Ayres ox.</td>
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<tr>
<td>384</td>
<td>Lindemann, A. C. Mulheim.—Specimen of neat's leather and calf leather; and pair of boot legs.</td>
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<tr>
<td>385</td>
<td>Muller, J. P. Mundeberg, Manu.—Leather boots, with steel bits and nails. Hunting pocket, with a net.</td>
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<tr>
<td>386</td>
<td>Engel, P. H. Hess, Inv. and Manu.—Proof prints, by an improved printing press, with some original stamps.</td>
</tr>
<tr>
<td>388</td>
<td>Kieser, F. Carlsruha, Inv. and Manu.—Pounce-paper, or transparent tracing, drawing, and modelling paper, made by a peculiar and patent process.</td>
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</table>
| 389 | Holzsch & Son, Duren, Manu.—Tissue paper in
different colours. Coloured and white post, and other
textile writing paper.
338 Scholl, L. Duren, Manu.—Thick and extra thick
post-paper (glassed) in folio, &c.; large blue post; ribbed
medium, &c.
334 Pietts, L. Dillingen, Manu.—Post and other
writing paper.
335 Flachsheim, W. Cologne, Manu.—Rolls of
tapestry, copied from original paintings.
336 Meier, A. Baden, Manu.—Knitted linen shawls,
made with two needles, and of one thread.

Cologne Division.

337 Bockel, C. H. Hess, Manu.—Felt and silk hats,
particularly adapted for exportation.
338 Lenzke, Aix-la-Chapelle, Manu.—Black felt
hat; black soft short-haired hat; gray hat, double rings;
black silk.
339 Schumann, H. F. Cologne, Manu.—Gentlemen’s
ball-room boots, with silk-lined upper stuff; boots in black
stuff without seam; and boots for children.
340 Konigsthal, L. Cologne, Manu.—Braces and gar-
ters, of silk and cotton.
341 Wahl, W. Schircks, Cologne, Manu.—Kid gloves,
and card of patterns.
342 Schmitz, P. St. Goar, Manu.—Saws for goldsmiths,
silversmiths, carpenters, and comb-makers; made of steel
procured from watch-spring factories in Switzerland and
France. The teeth of the compass-saws filed with English
files, which only can be used for that purpose.
343 Ullrich, J. St. Goar, Manu.—Saws for the use of
goldsmiths, silversmiths, gilders, comb-makers, turners in
ivory, and joiners. Those for sawing wood and horn are
made of broad white spring-steel; and those for sawing
metals of old watch-springs.
344 Remy & Co., Cologne, Manu.—Samples of
pins, hooks and eyes, and elastic rings, representing Gothic
arches, bearing the arms of the city of Cologne.
345 Schlesner, C. Belleville, near Aix-la-Chapelle,
Manu.—Galvanized cast-steel wire. Various wire rings,
and samples of unfinished and finished needles. The raw
material is of English origin.
346 Adelsmi, J. Neuwied-on-the-Rhine, Manu.—Ar-
ticles made of rolled sheet iron, and tinned with En Plate.
347 Bezner (Widow) & Soo, Aix-la-Chapelle, Manu.
—Samples of steel for manufactory of cast-steel, from the
works of Sanderson Brothers and Co. Sheffield, and rolled
and drawn into wire in Germany. Fancy bobbins, knitting
pins, &c.
348 Kasse, J. Cologne, Manu.—Iron decorated mantle
ovens.
349 Ziegler, Jacon’s Widow, Hansen, Manu.—An
assortment of samples of enamel, in a great variety of
colours.
350 Steinhauer & Bice, Hansen, Hesse, Inv. and
Manu.—Jewellery, consisting of brooches, bracelets, and
rings.
351 Backer, J. F. & Co., Hansen, Hesse, Inv. and
Manu. (London Agent, T. Sachs, St. George’s Ter. Hyde
Park.)—A large assortment of jewellery.
352 Wissmann, C. M. & Sons, Hansen (Agent, R. Phi-
llips, Messrs. Phillips & Son, 31 Cockspur St. London.)—
Set of chess-men and board, in silver and gold in renaissance
style, ornamented with enamel, precious stones, and
pearls. The chief figures are portraits of the Emperor
Charles V. and his daughter Margaretha of Parma, a stadthol-
der of the Netherlands, King Francis I. of France, and
his sister Margaretha of Valois: the chess-board mother-of-
pearl and tortoiseshell. Casket in silver, with a coral tree,
various precious stones, and four malachite slabs.

418 Hafner, F. Hansen, Manu.—Flower, in brilliants
and rubies, with leaves of emerald and enamel, in a vase
of gold and enamel. The flower can be detached, and used as
a brooch or hair-pin.
414 Wagner, A. Sulzbach, near Sarnrbach, Prod.—
Bottles, manufactured for Rhenish sparkling wine; for
hock, with flat bottom and ribbed neck; and with concave
bottom and smooth neck, &c.
415 Wieland, J. Cologne, Manu.—Circular tablet of
mosaic-work, composed of 24,700 pieces. Specimens of
inlaid work for floors.
416 Kramer, C. A. Cologne, Inv.—Corinels, and orna-
ments in stucco.
417 Engenhard & Kartz, Mannheim, Manu.—Several
specimens of stained paper.
418 Neve, O. Hansen, Hesse, Manu.—A model of a chan-
deleir, in gypsum.
419 Fallers, Thillkellers, & Co., Lenzkirch in the
Black Forest, Manu.—A variety of straw hats for gentlemen,
youths, and children, of different styles. Round, flat, and
square cigar-cases.
420 Nett, A. F. Cologne, Manu.—Samples of patent
flat or curled wood mouldings, chiefly employed for making
frames, and by upholsterers, decorators, &c.
421 Palleve, H. Cologne, Manu.—Lady’s escritoire
of rosewood, [with carvings, containing secret drawers curi-
ously arranged.
422 Kendall, H. Cologne, and Aix-la-Chapelle (Agent,
P. Kendall, 8 Harp Lane, London.)—Cologne water, poma-
tomato, sachets, and perfumed soap.
423 Levy, F. Heidelberg, Inv. and Mann.—A large
collection of heads, &c., of animals.
—Samples of Eau de Cologne.
425 Martin, M. G. Cologne. Eau de Cologne. Car-
nelles spirit of mellow.
426 Fauna, J. M. 4 Julich Pl. Cologne.—Various spec-
imens of Eau de Cologne.
427 Herbst & Co., Cologne.—Cologne water of dif-
ferent qualities.
428 Knepper & Kober, Coblenz, Manu.—Table
slabs of artificial marble (mosaic). Cash-box of the same.
429 Wettold, A. Eckelang, Inv.—Tapestry: Ruth and
Bale.
430 Hecker, C. F. Mannheim, Collector and Preserver
of plants.—Picturesque groups of dried Alpine plants. A
volume containing a collection of 25 specimens of Alpine
plants. The pictures are formed solely of plants, as pro-
duced by nature, without colours or dyes.
451 Cather, C. Creuzbach, Inv.—Statue: Armilas,
prince of the Cheruskers, a hostage at Rome, full-length
figure, a compound of plaster, copper deposited by gal-
vanism, and Carrara marble. A figure, carrying a vine-
branch, a compound of gypsum, copper, and Carrara marble.
433 Dickers, T. E, Mannu.—Relief maps of the
Siebengebirge, on the Rhine, and of Mount Vesuvius. In-
tended to illustrate the geological and orographical relations
of the respective regions.

E. DANTZIC.

433 Saucke, A. von, Julianfelda, Prod.—Two wool
fleece.
434 Wagner, J. Tickt, Prod. and Mann. Agent in
London, A. Gubba.—Limeseed and rape-seed cakes. Grained
and powdered animal charcoal. Scum of sugar for manure.
DANTZIC. DUSSELDORF.

436 Hermann, C. Danzig, Man.—A pair of bronze chandeliers.

437 Lemke, A. Marienwerder, Man.—Coffee machines and stoves, particularly fitted for travelling, being of small size and easily heated. A machine for crushing almonds for marzipanes.

438 Lowther, M. Tilsit, Man.—A tower in disagreeable workset with garnet, similar to those used by the Russian Jews at the celebration of the Sabbath.

439 Mannheim, W. Königsberg, Prop. Agent in London.—Two pieces of amber, exhibited on account of their size and beauty.

440 Hoffmann, C. W. Danzig, Man.—Sundry articles manufactured from amber; beads of the same, exhibited on account of their beauty and workmanship, and to show the difficulty of joining small pieces; the uniformity of colour is very difficult to obtain. The beads are sent to show the way in which they are prepared and packed for the trade.

441 Hoffmann, G. F. Danzig, Man.—Assortment of amber beads and sundry articles manufactured from amber.

442 Rev. W. von, Danzig, Man. and Collector.—A cabinet containing amber (raw) arranged according to natural history, which it has taken 25 years to collect. A tea-tray ornamented with the arms of Great Britain. Snuff-boxes. A hilt of a dagger. Brooches, bracelets and seals. All manufactured from amber, and ornamented with silver.

443 Brecheis Brothers, Tilsit, Man.—Various strings of musical instruments.

444 Heidenreich, Teacher at Tilsit, Prop.—A scene from sacred history carved in wood.

445 Grebowski, Rev. Berent, Prop.—A carving of wood in a frame, representing a vase containing flowers, birds, &c.

4. DUSSELDORF.

446 Royal Prussian Salt Works, Düsseldorf.—Samples of salt, fine, and middle grains, obtained from the so-called (brine), gradually purified.

447 Neitzke, C. D. Kleve, near Hagen, Prod.—Samples of rough or cast-iron, made malleable and decarbonised by a new process; stated to be rendered equal to steel. Adapted for cutlery.


449 Steinwehr, H. A. S. M. Mulheim on Rhine, Prod.—Samples of coke, free from heterogeneous substances, manufactured from pit-coal of the Victoria Mathias Mine.

450 Dresste, J. H. sen., Isegen, Man. and Prod.—Samples of iron ore from Hohegreuth, Peterbach, St. Andres, and Busto; all near Hamm. Laminated white cast-iron and mottled pig-iron.

451 The United Coal Mines (Gambell and Neunac), Wesel, Prod.—Specimen of coal, considered to be more bleachable and to contain less sulphur than others of the district.

452 Lashkewicz, Ulrich, & Co. Breiten, near Aslzburg.—Lead and silver ore; sulphur of lead and zinc.

453 Bockhaus, C. Mulheim on Rhine, Man. Agent in London, Rothschild.—White zinc, intended as a substitute for white lead. Samples of roasted zinc ore and spelter; of zinc ore and rolled zinc. The raw materials from native mines.

454 Borchardt, Roehl, & Saage, Samer, Prod.—Rolled and hammered pieces of puddling steel; round rolled and hammered samples of steel; made of German pig-iron, worked in puddling furnaces with pitch, and rolled or hammered as it comes out of the furnace. Exhibited in consequence of the assumed importance of the furnace. Exhibited in consequence of the assumed importance of the furnace.

455 Hammer, J. Grombeck, near Sieggen, Prop.—Iron ore, from the Münster mines, with specimens of refined Münster steel.


457 Hanke & Soh, Wetter on the Ruhr, Manu.—Samples of German crude steel; best steel for knives; blister steel; common steel, for files; spring steel, and steel for hatchets.

458 Kammeloh & Breden, Barmen.—Samples of red prussiate of potash; cyanide powder; extract of archil; safflower carmine; indigo; catechu; stannate of soda; tin powder, &c.

459 Curtis, J. Duisburg on Rhine.—Blue and green ultramarine, used by printers, painters, varnishers, and for tapestry; they resist alum, and improve by exposure to the air.

460 Goltz & Co., Düsseldorf, Prod.—Specimen of prussiate of potash (ferrocyanide of potassium).

461 Steffen & Wunder, Neuss, near Minden, Manu.—Chemical products from the mother ley of the salt-works near Minden, chiefly combinations of bromine.

462 Wunder, & Co. Barmen.—Samples of soda-salt, for glass manufacturers; caustic soda, from the red mother liquid of soda-salt, for soap-makers; chloride of lime; antichlor, a preparation for neutralising chloride of lime after bleaching, for paper-makers.

463 Bode, & Co. Horst, near Heeze, Manu.—Samples of aurum-bisulphite. Samples of saffra.

464 Muthesius, & Zschies, Duisburg on Rhine, Manu.—Muratic acid, exempt from iron and sulphurous acid. Bleaching powder. Sulphate of soda. Soda crystals, soda ash, carbamate of soda, caustic soda, &c.

465 Electoral Manufactory, Schwarzenfeld, Manu.—Blue colours, smalt; drawing blue; seash and washing blue. Violet smalta; saffra; nickel with ultramarine, &c.

466 Schäfer, Neuss on Rhine, Manu.—Bleaching-starch, for fine linen, cotton, and silk wares.

467 Rocholl, T. Minden, Imp. and Manu.—Various samples of cigars.


469 Jaeger, C. Brein, Manu.—Extract of safflower, drawn from the pigment of safflower, and used to give silk, cotton, linen, paper, and artificial flowers a fine rose colour.

470 Elmsendorf, E. P. Ischlhurst, near Bielefeld.—Samples of flax yarn and raw flax.

471 Becker, Saff, & Co. Friedeburg, Manu.—Pieces of extraordinary-sized amadou; yellow and black amadou. Caps, with and without peak, the raw materials brought from Illyria.
DUSSELDORF.

472 Drewes, T. H., Crefeld.—A machine for spooling silk. Model machine, with 40 reels, for twisting silk.

473 Pliewert & Co., Hoesse, near Dortmund, Inv. and Mann.—A tubular axle, with two disc wheels for railroad wagons.

474 Erdelen, C. Elberfeld, Manu.—“Stays” for weavers; these stays are made of cast steel, and are preferable to reeds in their effect on the fabrics.

475 Uhler, C. G., Grevenbroich, near Dusseldorf, Manu.—Card sheet for main cylinder. The leather of these cards is obtained chiefly from Belgium and Germany, the iron wire almost exclusively from England, but a small part from France and Germany.

476 Uhler, H., Grevenbroich, near Dusseldorf, Manu.—Three engines, for coinng, punching, and milling, the raw materials from England and Germany; from 45 to 50 coins may be struck in a minute with a moving power equal to that of one horse.

477 Spangerberg, Bauer, & Bruck, Suhl.—Finished double gun, with bronze damask barrels and percussion locks, revoling safety stop, silver mountings, inlaid with hunting scenes on gold, &c. German silver ornaments and powder-flask of stag-horn, in style of the middle age.

478 Schaller, C., Suhl—Rifles, with cast steel barrel, iron stocks; Gold hunting-piece, engraved, with iron spring lid; it is loaded at the stock, and has a contrivance for pointed bullets (Spitz-angels).

479 Sauer & Son, Suhl, Manu.—A double gun and single rifle. A single rifle ornamented with silver, with all appurtenances, in case.

480 Schützler & Kirschbaum, Solingen, Manu.—Infantry and cavalry swords, cutlasses, as sabres; officers‘ highly-finished swords, with German silver and gilt mountings.

481 Pistor, G. & W. Kurbesson, Manu.—Rifle-guns, with barrel of German cast-steel, complete.

482 Sons, W. Marburg, Electorate of Hesse, Manu.—A very large thermo-electric battery, with an electro-magnet, a heating apparatus, and an apparatus for producing a chemical reaction.

483 Sells, H. jun., Elberfeld, Manu.—Pharmaceutical apparatus, and chemical utensils, including measures, &c., of various sizes.

484 Schröter, E., Dusseldorf, Manu.—A silk-drying and weighing machine, and a machine for accurately ascertaining the weight of silk in bales, &c., by small samples, upon the Talbot system. This machine has a balance of extreme delicacy of adjustment. A 6-inch theodolite, with telescope magnifying 30 diameters, &c.

486 Lampenhoff, F. & A. Essen.—Newly constructed solo clarinet, Solo flute. Military band clarinet.

487 Hertmeter, T. Munster, Manu. and Inv.—A patent table pianoforte.

488 Gerhard, A. Wesel-on-Rhine, Manu. (Agents in London, Mess & Grant pianoforte; oblique pianoforte."

489 Wiedemann, Pferdeweges, & Schmoller, Manu.—Various samples of cotton twist.

490 Kießler, H., Wellenbruck, near Oelheinhausen, Manu.—Piece of linen, made of half-spun yarn, exhibited for durability, &c.

490 Bottcher & Schlem., & Son.—Samples of woollen cloths: Black doskin, and drab doskin, mixed gray, crossed-bar buckskin, doskin, and black and white summer buckskin.

491 Braun Brothers, Herford, Hesse.—Woollen cloths: Light blue; dark green; dark blue; bronze cloth; and black cloth, satin de laine.

492 Teschemacher & Kattner, F. F., Werden-on-Rhine, Mann.—Woollen cloth; Light blue; dark green; dark blue; bronze cloth; and black cloth, satin de laine.

493 Johnary, A. W. A., Hückeswagen, Manu.—Woollen cloth of various colours.

494 Becker (Van Der), J. C., Dusseldorf, Manu.—Square shawls, all woollen; long shawls. Comforters. Woollen goods for ladies‘ dresses and cloaks. Exhibited for quality and novelty.

495 Wink Brothers, Werden-on-Rhine, Manu.—Woollen cloth, manufactured from Silesian wool.

496 Schwarzkopf & Schröder, Lemnep, Manu.—Samples of black cloth; the same twilled; mulberry and blue cloth, dyed in the wool.

497 Oelkenmann, D. Sons, & Co., Lemnep, Manu.—Specimens of black and invisible green woollen cloths.

498 Hille Brothers, Lemnep, near Dusseldorf, Manu.—Samples of twilled fine cloths, dyed in the wool, &c.

499 Hücke, D. & A. Herdecks-upon-Rhine.—Various specimens of woollen cloth: Dahlen, blue, and black.

500 Huppmann Brothers, Werden-on-Rhine.—Piece of woollen cloth, made of Silesian wool.


502 Kießler, J. E., Udenbach, near Dusseldorf, Manu.—Striped flannel, and striped moltons; made from German wools and English cotton yarn.

503 Schenkel, Brothers, Hückeswagen, Manu.—Various specimens of blue and black woollen cloths.

504 Schreuder, Gründer, & Co., Kettwig-on-Rhine, Manu.—Samples of black grey marengo, and striped woolen cloth.

505 Schreuder, J. W., Kettwig-on-Rhine.—Specimens of black satin de laine; black doekskin de laine; grey satin and blue doekskin de laine; all woollen.

506 Clark & Co., Hückeswagen.—Samples of carded woollen yarn. Patterns of iron screws. The screws exhibited for the clearness and sharpness of the worm, or thread.

507 Feigen Brothers, Werden-on-Rhine, Manu.—Woollen cloth: Indigo blue cloth dyed in the wool; marine cloth; and black cloth; for the North German markets.

508 Forstmann & Huppmann, Werden-on-Rhine, Manu.—Woollen cloths; black and green cloths.

509 Dircks, F. Wiersen, near Crefeld, Manu.—Specimens of black and coloured velvet, silk, and silk and cotton; melosina, plain, waistcoat velvets; figured velvet ribbons, printed velvet collars, velvet scarfs, black satin stuff, &c.


511 Strauss, W., Crefeld, Manu.—Silk wares: Coloured and black silk. Superior satin. Silk and satin cravats. Shawls and waistcoats.

512 Krepp (Van Der) & Kref, Crefeld, Manu.—Various silk stuffs for parasols.

513 Sturz, C. W. & Brunck, Elberfeld, Manu.—Patterns of ribbons and trimming.

514 Smoes, E. J., Eberfeld, Manu.—Silk shawls and scarfs. Ladies‘ neckerchiefs. Black scarletker kerchiefs. Silk cravats. Waistcoats. Silk handkerchiefs (German web), (Indian web), and (imitation web). Silk velvet, and silk and half silk stuffs.

515 Schorey, G. & H. Crefeld, Manu.—Fine silk, fancy velvet, and plain velvet waistcoats; exhibited for design and quality.

516 Raffard & Co., Crefeld, Manu.—Assortment of silk cravats.
DUSSELDORF.

517 RAPPARD & GOWEMANN, Creufeld, Manu.—Velvet and silk goods: Jacquard velvet; levant; cashmere. Jacquard satins.

518 FLECK, W. Rheinl., near Creufeld, Manu.—Velvet, silk, and half-silk goods: Samples of velvet, satin waistcoating, and satin cravats.

519 HERTMANN & Co., Creufeld, Manu.—An assortment of fancy silk velvet ribbons.

520 HERMANN & WOLFF, Creufeld, Manu.—Silk wares: Silk for parasols; brocaded satin; figured satin; figured silk and figured velvet, used in ribbons.

521 HERBST & CO., Creufeld, Manu.—Ribbons, silk, and silk and worsted; including black and coloured hat-bands, black and coloured edgings, and worsted braid.

522 NICKAU, H. T., Creufeld, Manu.—An assortment of coloured and printed silks.

523 NEVLANDT & KALMANN, Mettmann, near Solingen, Manu.—Coloured silk aprons. Black and coloured silk fringed kerchiefs.

524 JACOBI & BECK, Creufeld, Manu.—Silk, satin, and damask umbrella stuffs. Silk parasol umbrellas.

525 KAHN & BEE, Creufeld, Manu.—Silk and satin waistcoats. Striped and printed gros de Naples; printed poil de sole, and satin de chine, &c.

526 LENNEMANN & VON WENTSAME, Viersen (Agents in London, Walter & Co., 21 Finsbury Circus), Manu.—Specimens of black and coloured velvet, and silk goods of various descriptions.

527 KRANICH & KOTTS, Creufeld on the Rhine, Manu.—Silk for dresses; fine black silk. Black plain and fine silk, all silk. The plain satins, formerly made of silk, have of late been made of silk mixed with cotton, for the cheap markets.

528 KOPPER & SCHNEIDER (Agent in London, C. Holm, 11 Finsbury Circus), Manu.—Specimens of Tihole, French blue, satin d’Espagne, gray satin berber, and satin rayed vest.

529 MEER & Co., Creufeld, Manu.—Silks for dresses, parasols, and umbrellas, with patterns.

530 MUNNICH & SONS, Viersen, near Creufeld, Manu.—Silk and terry velvet, of different colours, and moleksin and stamped velvets. Silk ribbons.

531 LAGM. & KNORR, J. W., Creufeld, Manu.—Silk goods, of various descriptions.

532 MOERWOTH & KROMANN, Elberfeld, Manu.—Coloured velvets, including purple, royal blue, claret, green, crimson, embroidered crape, and violet.

533 GIESCH, F. W. Viersen, Manu.—Silk for umbrellas and parasols. Patterns of silk and silk velvet and satin, for dresses and waistcoats, and cravats.


535 BERCK, H. Von, & Sons, Creufeld.—Fine black and coloured ribbon velvets, all silk. A variety of fancy and figured silk ribbon velvets. Plain silk broad velvets. Fancy silk velvet and worstings.

536 BEVERKROEN, H., & Co., Creufeld.—Silk fabrics used for ladies’ dresses; exhibited for colour, design, and quality.

537 GIESEKER & GILBERT, Elberfeld, Prod.—Spun silk buttons. Figured velvets. The stuff buttons woven of sewing silk and organzine. Tichborne.


539 BROCKMANN, F., Wellentrop, near Oerlinghausen, Lippe Wesel, Manu.—Piece of linen, exhibited for durability. Made by hand weavers, and bought from them at Oerlinghausen, and after being bleached is exported to almost all parts of the world.

540 VEILACH, W. & J., Bielefeld.—Samples of bleached linen and handkerchiefs, made of hand spun yarn.

541 WELLER, J. J., Mart, near Bielefeld, Manu.—Woven linen damask napkins, with the Counts of Westerhold, Wolf Metternich, Hoppe, and Baron Bösselager.

542 VESSEL, F. W., Spiegel, near Bielefeld, Manu.—Specimens of raw and bleached linen and handkerchiefs, made of hand spun Westphalian flax.

543 VON WENTSAME, A. H., Bielefeld and Cologne, Manu. Agent in London, P. Assel, 20 Providence Row, Finsbury Sq.—Various samples of white bleached linen, manufactured from flax spun by hand, woven on handlooms, and bleached on grass.

544 WESTERMANN & SONS, Bielefeld, Manu.—Samples of bleached and raw lines. Bleached cambric handkerchiefs. Damask table clothes with napkins; drilling and bleached table-cloths. Damask and drilling towels.

545 SCHMIDT & SONS, Lippstadt, Manu.—Various samples of twine, hand spun. Exhibited for cheapness and quality.

546 THE SPINNING SCHOOL, Hees, Bielefeld, Manu.—Samples of flax yarn.

547 DREKW, H. J., Manu.—Bell-ropes, and ladies’ pockets, of New Zealand hemp. Pressing-cloth, without size or bleaching; made of hemp, used in sugar manufactories. The raw machine-yarn is from Leeds.

548 DELZIO & SONS, E. A., Bielefeld, Manu.—An assortment of hand spun lines and linen handkerchiefs: exhibited for the quality of the flax, the workmanship, and the bleaching.

549 FICKS, A., Werderdorff, Manu.—Brown and white lines table clothes and napkins, with wreaths of flowers and views, viz.: Stonehastle, Walter Scott’s monument, the dome of Cologne, &c.

550 LANDRUM & SONS, Tollenbeck, near Bielefeld, Manu.—Specimens of bleached and raw lines, made of hand spun Westphalian flax: exhibited for durability and quality.

551 LEMENS, F. Urestrup, near Bielefeld, Prod.—Samples of flax.

552 KOPP & ZUCKERM, Delken, near Dusseldorf, Manu.—Flax, thread, cord, staves for weavers. Samples of German flax. Patterns for papers, and imitation of oil-cloth, &c.

553 KERTH, W. Halte, near Bielefeld, Manu.—Samples of sail-cloth. Raw materials, both warp and web, of Westphalian Spun hemp.

554 HOREK, H. I. Lubeckne, near Minden.—Samples of twine and cord for packing.


556 KRONK, FRITZ, Willems, & SONS, Bielefeld, Manu.—Samples of raw lines, of best hand spun flax yarn.

557 MUCKENH, G. Dillies, near Dusseldorf, Manu.—Thread and raw flax. White embroidery yarn. Crochet thread, &c. The threads of German and English machine-spun and German hand spun yarns. The flax from the Ruhr province, county of Dusseldorf, and Aix-la-Chapelle.

558 SCHMIDT & SONS, Bielefeld, Manu.—Specimens of fine white linen, made of the best German flax, spun by hand; exhibited for strength and durability. Samples of threads of warp.

559 BAGGINS, A. Tollenbeck, near Bielefeld, Manu.—Samples of bleached lines. Raw materials, hand spun Westphalian flax. Linen, exhibited for fineness, fabric, and durability.

560 DELZIO, J. D., Bielefeld, Manu.—Samples of bleached linen and linen handkerchiefs.
561. BLACHENBERG, F. Lippstadt, Manu.—Samples of twine and cord of various threads of hemp from the neighbourhood of Lippstadt and Italy. Hemp imported from Italy is softer and of a lighter colour, but not stronger than the German.

562. BOELERT & NOURT, Bielefeld.—Samples of linen yarn, bleached linen, and bleached linen drill; linen pocket handkerchiefs.

563. GAST & SOHN, Bielefeld.—Specimens of bleached linens, all home-woven, and made of hand-spun flax.

564. TRAPP & SPITZ, Barmen, Manu.—Gimped buttons manufactured partly of twisted silk and trims from Italy and the East Indies, and partly of a mixture of silk, wool. and cotton.

565. WULF & WINDMANN, Elberfeld, Manu.—Various sorts of cotton tapes, and cotton and worsted laces.

566. ZOLLER & SOHNE, Leichlingen bin Opladen, Manu.—Cotton and half-cotton and woolen goods, composed of wool and English twist; Jacquard dresses of wool and English twist; and Jacquard Berlin dresses are entirely of cotton.

567. HAWSKINS, SOMER, T. C. Elberfeld, Manu.—Samples of shawls and ladies' shawls.

568. FLOCKER, M. M. Gladbach, Manu.—Shawls of wool and silk; and of wool and cotton.

569. WEWER & MÜTZEN, Gladbach, Manu.—Specimens of plate wastcoating and wastcoating in wool and cotton. Raw materials for pipe, from England; the other stuffs consist of fine wool and silk.

570. WITTER & VONдер, C. Elberfeld, Manu.—Patterns of silk and woollen stuffs butting.

571. ESSELMANN & Son, Crefeld, Manu.—Shawls and black silk.


573. PFERDENSCH, LIEBERG, Viersen, Manu.—Stuff for trawlers and wastcoats; fancy cashmieres; satin checks; buckskin, wool and cotton. Stuff for trawlers, linen and wool, and cotton and wool.

574. PFERDENSCH BROTHERS, M. Gladbach, Manu.—Silk and half-silk goods. Cashmieres, elastiques, satin tuck, and figure, Madras und. Lutestring, watered and striped, and gros de Brolina.

575. HÖFFER, C. Crefeld, Manu.—An assortment of fancy wastcoatings and cashmieres.

576. LANGEWIECH & MARTIN, Elberfeld.—Specimens of buttons and braces of silk and lastick.

577. NEUMANN, L. Betterath, near Gladbach, Manu.—Cotton, silk and cotton goods. Samples of cotton wastcoatings; dimity; silk; and cotton silk.


579. LAMBERT & MAY, M. Gladbach, Manu.—Specimens of cotton beaver and drill; cotton and wool casimères; adapted for the working classes.

580. RUMANN & MECKE, Elberfeld, Manu.—Shawls, wastcoatings, and ladies' dresses, of cotton, cotton and worsted, silk, worsted, &c.

581. MECKE, C. Viersen, Manu.—Velvets and half-woollen stripes. Canvas for embroidery, silk and woollen. Furniture and carriage covering; horse-hair stuffs for the same, and for petticoats.

582. MÜTZ & ESSELMA, Crefeld, Manu.—Silk scarfs and aprons, including satin checked, watered checked, and taffetas, of various qualities, from Italian silk.

583. MEYER & BRABANT, Viersen, near Crefeld, Manu. Agent in London, G. Ems, 28 Swan Chambers, Gresham St.

—Stuff made from silk, cotton, and linen, including union twill, Turkish cotton, Persian handkerchiefs, plain and fringed, &c.

584. LUNDFORD, J. & Co. Elberfeld, Manu.—Llama wool shawls. Unions, with silk and barige; half-woollen cloaking; waistcoat stuffs. Turkey-red and rose-coloured twist; red water twist. Yarns, spun in England, and dyed by the exhibitors.

585. SCHEIDT & HÖTTRAD, Elberfeld, Manu.—Agent, Gehardt, Rottmann, & Co. 25 Hatton Garden, London.—Stuff, in divers colours, for coverings of tables, oaches, furniture, &c.

586. BOCKMÜHL, P. E., Elberfeld, Manu.—Various specimens of silk and cotton neckcloths, ladies' shawls, and wastcoating.

587. PIKER, B. M. Gladbach, Manu.—Samples of Victoria, China crapes, and toulle du nord; pocket handkerchiefs; diamond cotton; demillin; Germania and sole, cotton and silk; glor, silk and wool, &c.

588. LORETTZ, F. Gladbach, Manu.—Half wool and cotton wares. The half-cottons exhibited for cheapness and design; the wastcoats for cheapness and durability.


590. GREFF, BEET, & Co. Barmen, Manu.—Silk, mohair, and cambric buttons and button-stuff; plain and fancy silk buttons, and stuffs for covering buttons.

591. GRAF & NEWLAND, Elberfeld, Manu.—Various specimens of wastcoating.

592. GRAF, P. Siegen, Prod.—Samples of cobalt ore and cobalt blue, from Philipp Hoffmann, near Siegen. Bright white cobalt, crystallised in micropscopical forms, and diffused in slate, greywacke, quartz.

593. SCHULZ, C. Essen, Inv. and Manu. (Agents in London, S. Cahn & Co. 3 Copthall Chambers.)—Varnished leather for caps, shoes, and hats. Walking-sticks and sword-cases of whalebone. Dragon and Maltese canes, &c.

594. RANZKE, C. Horn, Lippe, Inv. and Manu.—Side saddle, with arms, and two elastic stirrups, to allow the rider to move and turn about with ease.

595. KLEE, J. B. Dusseldorf, Manu. (Agent in London, F. Klein, 38 Finsbury Sq.)—A grand pianoforte, after Erard's model: an additional iron spreading bar being placed above the strings in the lower bass, to give a greater counter-pressure.

596. FISCHER, H. Elberfeld, Manu.—Horse-hair, with silk and cotton for upholstery. Coverings of horse-hair. Chair-cover, white horse-hair with red silk. Velours de Utrecht.

597. BEUL & Son, Hesse-Cassel, Manu.—An assortment of pasteboard boxes. A series of embossed and printed envelopes. Patterns of coloured paper.

598. HOFFENS, W. Langenberg.—Specimens of dyed jet-black silk, exhibited for brightness, purity, and colour.

599. WESSENFÖRST, Dusseldorf, Manu.—Specimens of printed calicoes: the raw materials are from England, and the madder from Holland. Exhibited for cheapness and durability.

600. WOLF, J. F. Elberfeld, Manu.—Samples of Turkey-red yarn.

601. TENNER, C. F. Lünensthal, Mülheim-on-the-Ruhr, Manu.—Specimens of prints: made from English yarn, on hand-loom in Westphalia, but printed and finished in Lünensthal. Exhibited for durability and colour.

DUSSeldorf.

626 Neuman, J. H. Elberfeld, Drier.—Turkey-red
yarns. Good water and male middle pink; spun partly in
England and partly in Germany.

624 Lambert & Son, M. Gladbach, Mann.—Specimens
of brown cotton Kamlock; black, green, buckskin, and
mixture, Kamlock. Brown, black, and variegated beaver.
625 Lutt & Son, Dusseldorf, Imp. and Mann.—Printed
calicoes and coloured woven calico goods. Nepolitaine,
furniture, knickkniefs, plaids, &c. The raw materials
from England and Germany, the cottons printed by machinery,
the other articles worked by hand.

628 Borschke, Schiefer & Hacker, Elberfeld, Mann.
—Patterns of printed calicoes, various colours, including
rose, lilac, green, blue, orange, garnetine, &c.

627 Brixius, T. W. Gladbach, Mann.—Coloured cotton
yarns. Turkey-red, of various shades. The raw material
for spinning from England.

626 Scholz, A. & F. Elberfeld, Mann.—Various
samples of Turkey-red yarn. Specimen to show the pro-
cess of dyeing in its various stages.

630 Kehren Brothers, Gladbach, Mann.—Specimens
of cotton bibles. Specimen of printed Kamlock, beaver-
texture, cottons and other goods. Buckskin.

610 Kramer, L. & G. Dusseldorf, Mann.—Printed
cottons and stuffs. Gingham and twilled union. Twilled
manakin. Furniture, &c.

621 Santorus, A. & Co. Dusseldorf, Mann.—Samples
of Turkey-red yarn, for the Indian market.

626 Dieckmann, W. C. Elberfeld, Mann.—Woven
goods: portraits of the King and Queen of Prussia, woven
in silk. Embroidery. Wattlecoats. Cash mingle and Valencia
wattlecoats.

624 Euth, L. Grasfeld.—Silk hats, with felt shape
and form.

621 Erler, L. & Sons, Lettingenhausen, near Elberfeld,
Mann.—Steel tools: Cards, with fifteen samples of refined
German steel; files and rasps; and planes and chisels.

625 Pott, J. D. Wehrings, Mann.—Cutlery and
sword blades; sabres. Table-knives and forks. Soythas.
Hatchets and axes. Saws and other tools. Door and cupboard

626 Pott & Sons, Elpe, near Hagen, Mann.—Speci-
mens of cast scissors.

621 Mannheim, A. Renscheid, Mann.—Agent in
London, Heiratmann, 6 Colebrook Row, Islington.—Files,
screws, and scissors: Prime Siegen rough steel, manufactured
in Renscheid.

621 Flemming, E. Weinsolingen, Mann.—Seiramas, in great
variety.

621 Pickhardt, G. Renscheid, Mann.—A variety of
files and rasps, manufactured of cast, refined, and double-
refined steel.

620 Brand, W. Renscheid, Mann.—Specimens of saws,
mill, crane, pit, cross-cut, "duws," and "pausche." Circular,
tenon, and American blue-polished fossil, trunk, butcher,
&c.

631 Braunschwieg, T. Renscheid, Mann.—Various
sorts of carpenters’ tools, planes, chisels, &c.

631 Beckhausen, G. Renscheid, Mann.—Specimens of
files of German steel.

633 Bleschke, J. E. Ronsdorf, Mann.—Specimens of
scissors, shears, files, vices, hammers, brace-hoes, compasses,
gimblets, chisels, saws, locks, tools, skates, &c.

634 Christians, T. Renscheid.—Angers and hardwares.
Square rule. Various sorts of augers and saddlers’ knives.

635 Feld, R. Feld by Renscheid, Mann.—Specimens
of polished steel saws: of unhardened sheet cast; best tem-
pereed, and of double sheet; and unhardened, of double re-
refined, &c.

636 Anns, A. Renscheid, Mann.—Various carpenters’
tools, including planes, chisels, &c.

637 Ate, A. Zochens, near Brilon, Mann.—Various
steel, and cut steel, raised in the county of Siegen, Rhine-
Prussia.

635 Coppes, A. Solingen, Mann.—Various samples of
cutters, including pen, pocket, spring, clip, and hunting
knives.

638 Lindes, B. Solingen.—Assortment of pens and
pocket knives.

630 Lohmann, F. Witten, near Brümm, Mann.—Files
and cast steel; pig-iron, employed in producing steel, &c. The
bars of iron are decarburized whole, without altering the
shape; the invention is founded on the experiments of Beaumare,
and called by the inventor "steel adonizol."

631 Blichmann & Sons, Lockmann & Gunther,
Lockmann & Co. and Hambrock & Selin, Renscheid, Mann.—Hard-
wares, tools, and cutlery.

633 Hufe, Fritz, & Co. Hagen, Mann.—Samples of
steel, ore, and hard wires; including cast-steel files, carpenters’
tools, various vices, and anvils.

633 Borschke, L. E. H. Renscheid, Mann.—Hardwares
and cutlery: Files, locks, scale-beams, skates, shears, saws,
&c. Patterns of dress, sawing, and cooper’s knives, skewers,
alen, saws, &c.

634 Weidner & Straschmann Brothers, Berne, Mann.
—Specimens of horn buttons; sporting and dress buttons,
made from the hoof of oxen.

635 Feltmeyer & Co. Lendescheid, Mann.—Samples of
cast brass, and German silver articles.

636 Turs, (Widow), P. C. Lendescheid, Mann.—Specimens of
metal buttons, buckles, and nails, for upholstery.

637 Holzer, A. & E. Solingen.—Sword of honour, and
court-sword. Foils and rapiers. Damascus blades in the oriental style, &c. Scissors. Pen and pocket knives. Table

634 Dykes & Clevering, Bonn, Mann.—Speci-
mens of percussion-caps. Tin-plate, barrel, and copper
rivets.

639 Bieker, (Widow), L. Lendescheid, Westphalia,
Mann.—Various metalic buttons. Copper obtained from
England, Sweden, and Germany. Zinc from Rhine
provinces and Silisia.

640 Schwartz, J. D. Solingen.—Razors, pen-knives,
and swivels.

641 Duff, W., Glüggenthal, near Wald, Mann.—
Umbrellas and parasol frames. Cigar-boxes, porte-monnaie
frames. Pad and portfolio locks, door-handles, &c.

642 Alten, H. & Co. Muspe, near Schwerin, Mann.
(Agent in London, A. Heitzmann, 16 Colebrook
row, Islington.)—Various specimens of screws, with round
and flat heads.

643 Schlügelmeier, C. Buhl, Mann.—Box made of
rolled sheet-iron, to show its quality, toughness, and plas-
bility. The lid opens by pressure.

644 Schmidt, C. Soest, Mann.—A middle-sized kitchen
stove.

645 Asbeck, C. & Co. Hagen, Mann.—Locksmith’s
anvil, turning-lathe, and vices, exhibited for cheapness.
Specimens of refined German steel, made of Siegen steel ore.
Horse-shoes of half-hardened steel. Tools for shoeing horses.
Padlocks and fender knives.

646 Schmidt, P. L. Elberfeld, Mann.—Steel, iron,
and brass wares, including screw-taps, files, gimblets, nippers,
hammers, vices, shears, plane-irons, saws, locks, scales,
hinges, taps, and skates, &c.

647 Kissler & Mühlmann, Iserlohn.—Brass and iron
wares, including hand-bells, dial-plates, &c. Curtain
cornices, ornaments, pins, and rings. Stamped brass candle-
sticks. Steel umbrellas and parasol frames, &c. Iron, copper,
and brass wire.
DUSSeldorf. MAGDEBURGH.

648 HOFFER, G. Barmen, Manu.—Samples of buttons, plated with gold, silver, and platinum.
649 KREPP, F. Essen, near Dusseldorf, Mann. and part inv.—Rolling mill; the rollers exhibited for their equal hardness throughout. Forged cast-steel, exhibited for purity and toughness; used for axletrees, &c.
650 LORAS, F. W. & Co. Elberfeld, Mann.—Hardwares, candlesticks, ink-stands, fire apparatus, paper-weights, lamp stands, and a statue of Gutenberg.
651 SCHMIDT, T. D. Schrock-Bühler, Manu.—Hardwares, including locks; window-bolts, with apparitions; iron, and brass hinges; carpenters' and turners' tools; sugar-tongs, curling-tongs, nut-crackers, &c. Fox-traps. Scales, steelyards, and scales.
652 FROK & HÜBNER, Hagen, Manu.—Samples of hardwares, including screws, with points and with nuts. Patent and common vice; screw wrench.
653 HOFFER & SÖHNE, J. P. Barmen, Manu.—Various metal buttons and boxes. Samples of snuff-boxes.
656 WÖRM & Koswitz, Barmen, Manu. (Agent in London, E. & H. Black, 10 Trump St. King St..—Various plated articles: raw materials, gold, platinum, silver, and copper. The articles are principally manufactured by machinery.
657 SEEK, G. Elberfeld, Manu.—Ornamental articles in hair, for brooches, ear-rings, and rings. Album, with a landscape; album, with bouquet. Box, with braids of hair.
658 LIEFF (row). FREIDRICH, Dusseldorf, Manu.—Perfumery : Dusseldorf water, and Oriental pastil.
659 HILGEN, G. Dusseldorf, Int. & Manu.—Lady's writing and work table, in ebony, with four views of the Rhine.
660 EICHERBERG, H. D. & Co. Yserlohn, Manu.—Window-curtains, with a frame of brass fixed on wood.
661 BIRRER, G. Dusseldorf, Manu.—Paste and pasteboard articles. Various frames for daguerreotypes and pictures, in velvet, brasses, and marbles: dima.
662 HOLTEN & HOPPERS, Barmen, Manu.—An assortment of India-rubber boards.
663 SCHOLLER, WERK & WETTICH, Hesse-Cassel, Hesse.—Children's toys. Architectural apparatus. Garden and other tools; tools for emigrants; sold in Nuremberg and Sonnenberg, and exported to England, the East and West Indies, and America. Leather bags: railway and travelling bags, exhibited for appearance and cheapness; exported to Great Britain, America, and the Indies. Plate tools; a printing press; and pewter figures.
664 BARER & FISCHER, Ludenstedt, Westphalia, Manu.—Smalt-boxes, match-boxes, buckles, and lids for tobacco-pipes. Match-boxes of brass and metal, made by machinery, from one piece, &c.
666 SCHÄFFER, E. Büttenbach, Manu.—Picture on porcelain, representing Jubal, the inventor of music. Painted porcelain plate, after Raphael. Lady's portrait, in a costume of the time of Louis XVI.

Dusseldorf Division.

667 PFISTER & AX, Breydt, Manu.—Cotton and cotton and wool, mixed. Buckskin.
668 SCHULZ, C. Hess-Cassel, Manu.—A pianoforte.
669 GLADISCH, T. W. Manu.—Damaek table-cloth, napkins, and towels.
670 AHNKE, J. H. Hückeswagen, Manu.—Woolen cloth.
671 THOMAS, C. Remscheid, Manu.—Sundry cutlery.
672 MECKLENBURG & WIX, Barmen, Manu.—Dressed hides.
673 SEWELLE, W. & Co. Solingen and Berlin, Manu.—Swords and cutlery.
674 TACK, W. & PEITZ, Crefeld, Manu.—Silk and silk and cotton mixed stuff for waistcoats.
675 SCHÖNLE, J. W. Barmen, Manu.—Silk and cotton mixed stuff for waistcoats.
676 KUNIEMANN & MÖHLER, Derndorf, Dusseldorf, Manu.—Printed cottons.
677 KREPP, F. Essenedru, Ruhr, Inv. and Manu.—Steel gun, 6-pounder, complete. Steel cutlass, and one tried by being fired at with six different bullets. Steel rollers, springs, and railway axle.
678 TUTTENWALD, L. Heilón, Kais Arnsberg, Inv. and Manu.—Rifle with seven barrels, which can all be fired and loaded at once, particularly applicable for shooting wild-fowl, &c.

a. MAGDEBURGH.

679 BERNSHAUSER, J. C.—Sperry ironstone, from the mines of Hofnung andugen Gottes. Brown iron ore, from the mines of Hellenberg. Pig-iron, furnace slag, iron in bars, &c.
680 FEITEN—Wetall, Prod.—Fragments of ore, and samples of the cinabers obtained from it.
681 ROYAL SALT MINE, Wangerust, at Nitten, Manu.—Kitchen salt and mother-lye of salt.
685 BERN T. Anhalt, Bernburg, Manu.—Sugar from red beet: one acre of ground will yield 120 cwt. of red beet, equal to 55 cwt. of raw sugar.
686 BLEINHAN, C. L. Brunswiick, Manu.—Chloro- root, kiln-dried, in slices; roasted; and ground to powder. Prepared chloxy-coffee.
687 BRUNNE, A. F. W. Anhalt, Bernburg, Manu.—Sugar, manufactured from red beet.
688 FRERBERG, A. Mahlhausen, Manu.—Samples of glue.
689 HAWKLAND, W. Schominger, Brunswick.—Samples of dried fruit. Peeled apples, pears, plums, melons, cherries, &c.
680 HALL & DUNES, Mass.—Specimens of wheat starch produced by machinery, and by chemical processes.


683 TRINHMAN, C., Erfurt, Mass.—Specimens of sugar and powder; vernicelli, wheat-grits, pearl-barley, and mustard. Blacking.

684 THE LUSER MANNUFACTORY, Magdeburg.—Brown and white sugar; grape sugar; potato flour and starch; pearl barley; artificial gum; white and brown treacle; white sage-grits. Dry burst starch, in three qualities, for factories; pipe starch; ringed and powdered starch, made of wheat of the first quality.

685 WITHEkop & Co., Brunswick, Mass.—Samples of flour, groats, macaroni, and chocolate, manufactured by hand and by steam.

686 GUSKINSKI, — Bale of wood, carefully prepared from pear wood leaves.

687 The Manager and Teacher of the School of Agriculture at Alach, near Erfurt.—Samples of hops' bristles, taken from animals of different races. Canary and corisander seeds.

688 ANSCHUTZ, R. Zella, Duchy of Gotha, Mann.—Gun and rifle barrels of common wire, and flower-damask; of fine Paris and fine flower (Turkish) damask; of fine chain damask; of Lamartine and Gotha damask; of fine steel-wire and iron damask. The iron for the steel is made in Zella of sparry iron-stone, obtained in the district of Schmalalden.

689 BAYER, A. Weinmar, Mass. Agent in London, Consul A. L. Calman.—Rifles with fine damask barrels and walnut-tree stock, ranged for pointed and round barrels, &c. The iron employed is from Thuringia; the barrels from Lutzech.

700 HAMAG, W. Rema, Mass.—Pair of pistols, with apparatus, in a case.

701 KÖHIG & SONS, Duchy of Sachsen Coburg, Mass.—Pair of pistols; barrels and shafts laimed with silver, in the Gothe style, with complete apparatus in case.

702 BAUERER, L. Duchy of Gotha, Mann.—Double rifle, of solid cast-steel. Both barrels are bored in a converging direction, to one aim, in such a manner as to direct the balls to the same mark. It carries pointed and also round barrels, &c.

703 SCHILLING, V. C. Suhl, Mass.—Brace of pistols, with fine damask barrels and ornamented stocks, and apparatus complete.

704 ANSFIELD, A. Gotha, Duchy of Saxe Gotha.—Pianoforte, an instrument invented by Dr. Flasem, of the Observatory at Seeberg, for the purpose of measuring surfaces. Microscope.

705 BREMEL, A. Armstädt, Principality of Schwarzburg, Sondehausen, Mann.—Decimal balance, to weigh from 10 to 15 cwt.; another in brass, to weigh 1 cwt.

706 NETZCAMP & VACCAM, Halle.—Sets of drawing instruments.

707 SCHULZ, J. F. Paulsaufl, Principality of Schwarzburg, Endolstadt.—An organ: its peculiarities consisting in great power of tone and simplicity of mechanism, with a contrivance for producing deeper tones, and an arrangement for accelerating the transmission of sound.


710 ZETTER & WINKELMAN, Brunswick.—A pianoforte, and grand pianoforte.

711 DABOBERG & Son, Eidenburg, Mann.—White and coloured furniture stuffs. Jacaranda. Calicoes—milliners, light ground, pink, violet green, and madder.

712 VOGT & KAHN, Gera, Rema, Mann.—Cotton goods figured, coloured, and woven in the Jacquard loom, made of German and English cotton yarn; chintz in demand in European Turkey, and in Persia.

713 HAGENBUSCH, J. Bozenta, Duchy of Saxe Wismar, 4-four-fold worsted yarns. Raw dyed yarns, zephyr and castor, made partly from Silesian and West Prussian and partly from Saxo wool; dyed at the manufactories of Mazas, Schuster, of Berlin.

714 HARDY & WALTERS, Co, Rema, Mann.—Specimens of Queenstown-de-laine, Cashmere d'Écosse, and Napolittaine. All woolen of comb-yarn, and dyed in various colours.

715 MÜHLEN & Sons, Rosanburg, Duchy of Saxe Altenburg, Mann.—Pieces of dovetail, plaid short flannel, coarse flannel; cashmere, and wool, short flannel, white, mottling, &c.


717 WITAS, jun. & Co., Langenalm, Mass.—Specimens of worsted yarn spun from Prussian wool, used for Tibets, Béreges, cashmere, &c. Zephyr yarns for embroiderers, shawls, and similar articles.

718 ZIMMERMAN & Sons, Apolda, Saxe Weimar, Mann.—Various cotton and woollen besley, and fancy articles.

719 SCHMIDT, G. Mann.—Tanned horse and calf skin for sole-leather.

720 WITCROSS, E. B. Rema, Mann. (Agent in London, B. Gous, 1 Sambrook Ct, Beaslinghall St.)—Specimens of Tibets, and satin-de-laine; the same figured. Pieces of embroidery on velvets.

721 DIRECTORS OF THE HUNTSFORD FABES, Mann.—Carpeting of cow-hair, &c., lines, furniture covering, and fancy works. String basket; hemp and string bags. Papier-maché cases.

722 HORMIG, C. E. Brunswick.—Samples of wax and tow.

723 MILLER, A. F. Mielabenshe, Mann.—Ladies' working, crimson, blue, scarlet, green, grey, black, and white, and plain mixture, fog cloth. Taffetas for cut-shirts, sack-cloth, and plush caps, &c., all wool.

724 URBAN, A. Gauersheim, Brunswick, Mann.—Damask table-linen, made of hand-web, prepared from a yarn reaped and spun in the vicinity of Jandersheim. Sample of linen made of English machine-yarn.

725 BAUER & FORSTER, Rema, Mann.—Woollen and half-silk goods; including Tibets, Cashmere, &c., handkerchiefs, shawls, and scarfs, in various colours.

726 BÖDENEN, J. jun., Eidenburg, Mann.—Half wool moussal; jacquard-de-laine, half wool; challis, all wool; moussal and cachemire d'Écosse.


728 GUTZ & BAUER, Graux, Rema, Mann. (Agents in London, Oppenheim & Co, 15 Addie St.)—Tibets, green and drab; Cashmere, nacarat, satin, nacarat; mousseline-de-laine shaws.

780 Macker, H. W. Mann. (Agents in London, Gotshalk & Schröder, 72 Basinghall St.)—Shoe-stuffs of cotton mixed with wool; woollen garments; garments of linen mixed with cotton, and of wool mixed with cotton.

781 Monet & Co., Gera, Reuss, Mann. (Agent in London, C. Holland, 41 Finsbury Circus.)—Half-silk goods; comb-wool stuffs; Cashmere; mousseline-de-laine; satin d'Espagne; Napoléon: de drap d'est; and ouvr-de-laine.

782 Scherff & Co. Coburg, Mann.—Drills, half-lines, for cushions and stays; bed-dicking of cotton-warp and linen-shades. Turkey-red yarns dyed by the exhibitors.

783 Schröder & Hauser, Gera, Reuss, Mann.—Speckle of Tibet black stuff; Cashmere, alpaca-silk and black; madder, linseed and madder.

784 Wirz, E. Erfurt, Mann.—Double damask cover, with red fringe. On the right side a white cotton warp and silk shantung, on the other an orange cotton warp and blue wool shantung.

785 Bochner, A. Erfurt, Mann.—Large garter-boots, various; lilac velvet garter-boots; serge and cordovan shoes.

786 Eichen, Gera, Reuss, Mann.—Skins for light and black bridles. Pair of tops for boots. Ornamental tablespoon.

787 Kremer & Baldeman, Magdeburg. Agent in London, Mr. Schoerer.—Skins of smooth black leather. Brown and light brown leather shoes and coolers, made of German skins, and curved with oiled tan.

788 Kiefermann, H. W. E. Essenbürg, Duchy of Saxe Altenburg, Mann.—Shoe stuffs: Stramkord and woollen shoe-cord. Ladies' and gentlemen's shoe tops, various.

789 Lauer, F. Halle, Mann.—Ladies' saddle complete, with saddle, horn-piece, and sole part; gentleman's saddle; saddle-tree, complete, with the exception of the leatherwork.

790 Langenthal, G. Erfurt, Mann.—Calf leather boots, enamelled boots, and button boots.


792 Scherrer, H. L. Gera, Reuss, Mann.—Tanned calf-skins.

793 Sondermann, W. Erfurt, Mann.—Machine, or cylinder-parchment. Parchment skirns, and drum calf-skins.

794 Wieck, C. F. Mann.—Smoothing-tree for kid leather.

795 Wirz, F. Erfurt, Mann.—Serge and brown leather shoes and serge boots. English leather cloaks. Stuff shoes with cauchouche. The shoes are of English serge-de-Beery, varnished Mayence, calf leather, boone leather from Paris, and venise leather. The elastic cauchouche material is manufactured by J. L. Raempler.

796 Gras, H. Duchy of Saxe Altenburg.—Altar-Bible, with large steel-plate engravings, in violet leather, and cover and lining gilt.

797 Kline, G. W. Erfurt.—Organ music by Bech, Freiheit, i. to vii.—Klimeinstein. Op. xxviii. Bruck, Fischer, Mendelssohn, Körner, etc.

798 Rassen, W. Mann.—Album of coloured drawing-paper, with violet margin, and gilt edge.

799 Wenzler, G. Brunswick.—European Gallery, a copper-plate work: the plates of English engraving. History of the history of the works of Wenzler: the printing, paper, and type of German menaghreutha.

780 Eckenberger & Richte, Eilenburg, Mann.—Coloured calico: Blue, orange, red, green, lilac, brown and red, pink and crimson. Coloured shirting.

781 Alberti, Miss Friederike, Nassa, Mann.—Table-covers, embroidered with silk, chenille, and gold.

782 Grohmann, August, Weissenfels.—Embroidered carpet: principal design, The discovery of Moses in the ark of bulrushes.


784 Isaac, C. Erfurt, Mann.—Extra superfine four-seamed plush caps. Hand-knitting work. Tuck, plain, and pointed caps.

785 Kocher & Son, Querlrodde, Mann.—A variety of women's stockings and half-hose.

786 Schmieder & Sons, Zerbst, Mann.—Silk and beaver hats. The beaver hats are made of pure rupen hair; the white beaver hat of German white finn hair.


789 Wernsdorfer Brothers, Reuss-Weimar, Mann.—Men and women's white and brown cotton hose, two and three threads.

789 Bach, E. Duchy of Coburg, Mann.—Stove of polished iron-plate, in the form of a "Knight in full armour," with a beard and helmet.

790 Bayer & Heyne, Dobra, Mann.—Parquetry squares, exhibited for workmanship.

791 Bender, Count J. Iron Works, Lanchamum.—Cast-iron goods. Ornamental bronze casts; bust of the Prince of Prussia, etc. Polar bears, monkeys, tigers, etc. modelled from animals in the London Zoological Gardens.


794 Methe & Waide, successors to Groshöfer, Brunswick.—Japanned tea-trays, with pictures after Nickoll and Miera. Varnished paintings, after Fugger, Wilkie, and Pfeiffer.


796 Bremken & Klement, Erfurt, Mann.—Brass sliding, or pillar lamp.

797 Wallack, A. Grand Duchy of Saxe Weimar, Mann.—Bronze jewel-box in the Byzantine style, partly gilt, and partly silvered.

798 Böker, C. Brunswick, Mann. Agents in London, A. & P. J. Meyers & Co. 14 Leadenhall St.—Plate glass; with paintings, &c. Tiles and gutten-tiles of glass, made from white sand, quartz, and chalk found in the neighbourhood. Glass cylinders exhibiting the plate-glass in its half-finished state before opening out.

799 Böhm, C. Brunswick, Mann.—Tea-kettle, tea-pot, and milk-jug, manufactured and ornamented by hand.

780 Hackey, A. Erfurt, Mann.—Writing chinscheure, of nut-wood, in the Renaissance style, ornamented with carving, and marquetry-work of silver, copper, brass, ivory, and mother-of-pearl.

791 Heinrich, G. Zerbst, Mann.—Looking-glass, the frame of carton-pierre, with gliding and ivory medallions.

792 Henningsen, F. E. & Co. Duchy of Sax-Coburg, Mann.—A lady's work-table, with porcelain plates inserted, and painting. The carpenter's work and carving sketched.
MAGDEBURGH.


773 HOFFMANN, T. & Co. Duchy of Saxe-Coburg, Hann.—Oak sideboard decorated with carved work, in the German-Gothic style of the middle age, and ornamented with brown plash; oak arm-chairs, to match.

774 HOFER & WALTHER, Isenheim, Saxa Altenburg, Hann.—Fancy and ornamental boxes, e. g. in paper-moulded.

775 HOFF, W., Coburg, Hann.—Table in the old German style, with inlaid work, in the natural colours of the wood.

776 SCHARY, C. Anhalt, Bernburg, Hann.—Ornamental draught-board, made of mahogany, chestnut, maple, rosewood, sycamore, and keister woods.

777 SCHMIDT, C. Anhalt, Bernburg, Hann.—Ornamental draught-board, consisting of plum-tree, kingwood, rosewood, chestnut, mahogany, and maple-wood.

778 EHRHARDT, G. E. F., Duchy of Coburg, Gotha, Hann.—Pharmaceutical instruments, crucibles, measures, funnels, water-pipes, &c., made of earths and clay found a Thuringia Forest.


780 THE DUCAL FOUNDRY IMPROVEMENT, at Billed, Brunswick, Hann.—Slabs of marble found near Billed, principally black, gray, and red. Can be obtained in blocks of nine feet in length, and five feet in breadth.

781 BOMP], J. J., Erfurt, Hann.—India-rubber elastic bands and watch-guards. Silk and half-silk shoe stuffs, mixed with India-rubber: shoes made of the same material.

782 WALTER & SON, Brunswick, Hann.—Chairs, and paper-basket.

783 SCHRÖDER, J. C. G., Marienberg, Hann.—Large dressing-case, inlaid with silver. A variety of dressing cases. Oval, round, seed, and sundry boxes. Visiting cards, albums, &c.

784 ZIEGLER BROTHERS, Ascha, Hann. (Agent in London, C. Holland, 41 Finsbury Circus.)—Real meerschaum pipe-bowls, and imitation meerschaum bowls. Wood and clay pipes and bowls, and china pipes. Real meerschaum bowls, coloured by boiling in oil.


788 STUCKER, W. & Co., Brunswick.—Varnished paintings on tin-plates, in gilt frames, after Rubens, Raphael, Murillo, Raesch, and Andra.

789 TRUMPF, A.—Pictures and transparencies.

790 VERKE, LANDWIRTSCHAFTSCHENK, Bargauhausen, Prod.—Samples of seed and hemp.

791 ZIEGENBAUM, R., Hann.—Woollen cloth.

792 HÖCHT, A. Hall, Hann.—Specimens of sundry articles manufactured from hemp.

793 BAUCH, J. P. GUII, Hann.—Mousseline-de-laine,shawls, and handkerchiefs.

794 KAUFMANN, G. Bruuslak, Inv. & Manu.—Sundry fancy articles, embroidered with gold, silk, silver, pearl, &c.

795 KÖNIGMUND, J. G., Hannenburg, Hann.—A harrow.

796 LUKE BROTHERS, Buhla, Hann.—An assortment of different pipes.

797 WEIMA, T. S., Hannenburg, Hann.—Manufactures of wool, elastics.

798 HERRA, P. Seh, Hann.—Manufactures of wool.

799 BORRACH BROTHERS, Bernburg, Hann.—Sundry articles made of hemp.

800 SCHUHL, J. Reussweil, Inv. & Manu.—Gilt and fancy leather and paper articles, portfolio pressed hollow from pastepaste.

801 BLAUCH, E. Nuremberg, Hann.—Double-barrelled gun; joint bullet rifle, with all appurtenances.

802 SOMMERMEYER & Co., Magdeburg, Inv. and Hann.—Iron fire-proof safe, of a novel construction.

803 GRAF, W. Münchensb., Prod.—Stuffed sheep. Fleece of wool.

804 ASSOCIATION OF MANUFACTURES at Sommersberg, Duchy of Saxo Coburg and Gotha.—Tableau of plastic work representing a rural fête, held at Castle Florence, the country palace of the Duke of Saxo Coburg Gotha, the residence of H. M. the Queen, when on a visit to the Duke, and the place where B.R. Prince Albert was born. This tableau contains about 400 movable figures, bands of music, &c.

805 ALTENDORF, F. & Sons, Wallendorf, Hann.—Specimens of glass.

806 SCHRAMM, F. L. F., Dessau, Hann.—Samples of oil.

807 DIETRICH & SON, Poessneck, Hann.—Specimens of faience.

808 GOSSEL, F. D., Wallendorf, Hann.—An assortment of articles in porcelain and glass.

809 SCHULZ, C. H., Poessneck, Hann.—Transparent shades.

810 BURCKHARDT BROTHERS, Glasgow, Inv. & Hann.—Paintings on glass.

811 SCHULZ, L. W. Meininger, Inv. & Carver.—An assortment of sundry ivory cups, and other splendid works of art. The artist executed several elaborate specimens of his crafts for the late King of Prussia.

812 BEHN, J. G. & Son, Altenburg, Hann.—Samples of string and twine.

813 FÖR, G. Halle, Prod.—Samples of bristles.

814 DAHLHUT, F. Salzwedel, Hann.—An assortment of cotton goods.

815 CATTI & BERNSTEIN, Poessneck, Inv. & Manu. Agent in London, J. Kendall, & Harp Lane, Tower Street.—Sundry articles of glass, porcelain, &c.

816 BUHLE & NADEL, Gera, Hann.—Various woolen goods.

817 KRAMER, M. Weissener, Hann.—Sundry toys and fancy articles.

818 SOMMER, C. J. Erfurt, Hann.—Money bags and portemonnaies, &c.

819 WITSELL, F. E. Marburg, Hann.—Variety of whips.

820 BOHRER & Co., Halle, Hann.—Various cotton goods.

821 JAHN, C. K., Bernburg, Hann.—An assortment of earthenware.

823 VIERST & Son, Brunswick, Printer.—Sundry books.

823 JACOB, J. A. Brunswick, Inv. & Manu.—Horse cast in iron; sundry cast iron articles.

824 DUSKE & Co., Salzfeld.—Sundry colours.
2. SMALL STATES.

368 Corack, J. Armberg.—Lead and silver ore, sulphur of lead, and sulphur of zinc (black jack).
369 Augustin, H. F. L. Halberstadt, Mann.—Sugar of lead in crystals, bottom pieces, and in groups of crystals.
370 Hans & Kütze, Lübeck, Mann.—Samples of wheat starch.
371 Fötter, E. Grünberg, Mann.—Woollen cloth, Spanish ladies' cloth, mull. Royal or three-quarters and black fine cloth, Fine satin cloth. Various samples of woollen yarn.
372 Bremang & Schiller, Eupen.—Specimens of buckskin and ladies' cloth.
373 Bachl & Völckжütt, Zerbst, Mann.—Agents in London, Brockleby and Wesseling, 4 Moscow Court, Tower Hill.—Samples of black plush, dyed in Germany.
374 Wiedemann, T. M. Gladbach, Mann.—Superfine linen damask table-cloths, napkins, and towels. Fine table-cloth, and other coverings, with sacred subjects.
375 Badek, J. Elberfeld, Publisher.—The Holy Bible, for church and family use, in the German language, printed in very small type.
377 Füßchek, K. J. Sorau, Mann.—Mother-of-pearl, cocoanut shell, and horn buttons.
378 Arnold, C. B. Hess-Cassel, Mann.—Ornamental paper-hangings: sized-pattern papering; papering with representations of German sports; satin hangings, ditto, in velvet and gold, &c.

2. BAVARIA.

(Agent in London, Dr. Schapie, 5 Albion St., Hyde Park Terrace.)

1. Benda, George, Fürth.—Bronze colours.
2. Bremang & Hartmann, Nürnberg, Prod.—A series of bronze colours and leaf metal.
4. Fuchs & Sons, Fürth, Prod.—Various specimens of metallic leaf; bronze powder; rolled orsedew (tinsel) and shavings of waste (leaf-metal).
6. Lapper, G. Fürth, Prod.—Fifty different samples of bronze powder and leaf-metals.
10. Gerstendorffer, J. Fürth, Prod.—Samples of beaten metal (Dutch metal).
11. Küntze, G. Fürth, Prod.—Samples of beaten metal (Dutch metal).
15. Schneider & Uhl, Bamberg, Prod.—Specimens of ultramarine.
18. Handmachers, E. Regensburg, Prod.—Samples of Bavarian wheat, grit, fodder, flour, bran, corn, &c.
20. Hämmerlein, C. V. Bamberg, Inv.—A rifle, carved and ornamented in the old German style.
23. Borm, T. Munich, Inv. and Mann.—A cylindrical silver flute, with the following improvements: Correct proportions in the construction of the tube, a new arrangement of the key mechanism, and a new form of embouchure of gold. Flûte d'amour (in B flat), of German silver; and model of a patent hautboy, constructed on the same principles.
24. Eisenhauer, G. Fürth, Mann.—Collection of lorgnettes, spectacles, and eye-glasses.
25. Rietz, Trautz, & Sons, Munich, Inv. and Prod.—Astronomical universal instrument; constructed on a new principle.
27. Jordan, J. P. Fürth, Mann.—Flexible syphon,Carlsons, pipes, &c.
29. Klöcker, C. A. Nürnberg, Prod.—Terrestrial and celestial globes, with stands and compasses.
30. Mess & Sons, Munich, Inv. and Mann.—Refractor, having 45' aperture, 45' focal length, for variable latitude; equatorially mounted. Microscopes, with various objectives and three eye-pieces, for nine magnifying powers, from 20 to 1,600 times. The instrument is provided with a screw micrometer and the necessary apparatus for holding and illuminating objects.
32. Neuwe & Honecke, Mittenwald, Prod.—Violoncello, tenor, and violins. Fernambuck violin and violoncello bow.
33. Rieff, C. Maria Rhein, near Nesselwangen, Inv. and Prod.—Case of improved mathematical drawing instruments.
34. Pfaff, M. Kaiserlautern, Prod.—Bombardon ophicleide in C, with four valves and mouthpiece. Trumpet in B flat, with three valves, four crooks, and mouthpiece.
35. Bremang, Fellows & Co. Augsburg, Mann.—Patterns of silk cloth, with gold and silver; for furniture and church apparel. Patterns of various cloths, manufactured from Bavarian silk.
36. Simon, H. Zweibrücken, Mann.—Silk plush.
37. Knoebe, F. Zweibrücken, Mann.—Silk plush, for hats.
38. Behnt, L. Wunsiedel, Mann.—Specimens of Manilla damask cotton and Manilla hemp mixed.
39. Schütte, A. München, Prod.—Canvas, prepared for paintings, twenty-three feet by thirteen feet four inches.
40. Tschernitz, T. C. Grazbach, Mann.—Linen damask. Striped half-satin cloth for trousers. Fine white-linen satins; half-satin cloth. Half-satin cloth for trousers; the same of half-satin thread.
BAVARIA.

63 GERHARD BROTHERS, Hof, Mann.—Shawls and handkerchiefs, cotton and wool, and woollen. Drawers, of cotton and calicoes.

64 LIEMANN, F., Hof, Mann.—Cotton goods; cotton mixed with wool.

65 STREHNKEM, H., Hof, Mann.—Shawls of wool, mixed with cotton. Tapestry of mixed fabrics.

66 GRÜNE, L., Landau, Mann.—Girts for horses of bleached hemp; girts unbleached. Halter, of red woolen thread; halter, of white hemp twist.


68 HAELENS, L., Munich, Prod.—Silver and gold paper plates and ornamental boxes. Enamels in boxes, and specimens of printing with bronze colours. Samples of gold paper borders, &c.

69 ESCHERSCH, T., Munich, Mann.—Various portfolios and cases, in leather.

70 KÜHN, M. T., Narauberg, Prod.—Samples of sealing wax.

71 SAMMEL, T., Marktsteft, Prod.—Black ink for copper-plate printing.

72 GRANZEL, Hof, Prod.—Specimens of embroidery.

73 MAYER, EMIL, Aschaffenburg, Prod.—Embroidery in silk.

74 FRANK, J., Regensburg, Prod.—Ladies’ boots of satins and of leather and black cloth. Embroidered slippers.

75 FASS & KROEMER, Augsburg, Prod.—Metal plates, with letters and characters in relief, for the instruction of the blind.

76 KAUFMANN, J., Regensburg, Mann.—1 Samples of textures of wires, hair, wool, and case. 2 Glasses, with bottom and cover, of parchment. 3 Glass, of parchment, for sifting gunpowder. 4 Triplex glass, for sorting. 5 Drum, with improved tuning screw. 6 Model of double gratings, for drying malt. 7 Glass used in fusing, and specimen of printing with bronze colours.

77 GRASMAR, A., Eberach, Fabrik, near Homburg, Prod.—Forty specimens of horse-shoes.

78 JANESZ & LEMBERG, Hof, Mann.—Grellas.

79 KÜHN, E., Narauberg, Prod.—Patterns of gold and silver-plated and copper wire, spangles, &c.

80 KEIL, F., Munich, Prod.—A casket with ornaments for ladies.

81 TÖMPH & SCHMIDT, Weissenburg, Prod.—Gold and silver lace.

82 HERRING, H., Fürth, Mann.—Mirrors of tinted glass.

83 HEILIGENSTROH, L., Fürth, Mann.—Mirrors.

84 NEPT, M. N., Schleiden, near Bitman, Prod.—Specimens of white crown glass.

85 HARTMANN, O., Königshof, Inv. and Prod.—Various objects of art, made of glass.

86 THE ROYAL PORCELAIN MANUFACTORY, Kyphem- burg, near Munich.

Porcelain.

Vases, goblets, pitchers, and flower-vases, with pictures after various artists. Table services for fruit. Plates, and pots, with portraits after eminent masters.

White Biscuit.

The eight departments of Bavaria. Eight busts of renowned men, &c. Statues, gilded. Two Tyrolean figures, in brown biscuit. Statues of Bavarian princes and renowned artists, and poets.

87 HELL, K., Königsberg, Prod.—Tobacco pipes of Turkish clay, or in clay meerschaum; cigar tubes of the same material.

88 A. F. BROTHERS, Emshain, near Zweibrücken, Prod.—Various works in paper-maché.

89 BARTS, Brothers, Würzburg, Prod.—Lady’s desk in renaissance style. Lady’s work-table in rococo style.

90 DORN, A., Aschaffenburg, Mann.—Samples of variegated surface-coloured papers.

91 FORSTNER, F. X., Munich, Prod.—Marquetry writing-table in old German or Gothic style, of rose-wood, inlaid with different metals, &c.; and portraits in the same style. Portfolio similarly executed. Portfolio in renaissance style; another in burl style.

92 MAYER, H., Munich, Prod.—Two crucifixes. The Madonna. Flower-vase, of cassita-porcelain.

93 FLIESCHER, C. W., Nürenbarg, Prod.—Anatomical pathologic casts in paper-maché.

94 FLEISCHER, N., Emshain, near Zweibrücken, Prod.—Scent-boxes and other vessels in paper-maché.

95 HARTMANN, T. T., Munich, Prod.—Samples of parquetry work for floors.

96 BAUER, L., Garsalow, Prod.—Candelabra of stag horn, exhibited as a specimen of turnery.


98 KIEBNER, L., Lindau, near Zwiesel, Mann.—Specimens of wood for sounding-boards.

99 LANG, C., Oberammergau, Prod.—Collection of ornaments and toys cut in wood, ivory, and alabaster.

100 BAUER, G., Würzburg, Prod.—Bouquet of flowers in confectionery.

101 BICKMANN, M., Nürenbarg, Prod.—Black-lead pencils.

102 ECKERS, G. L., Nürenbarg, Prod.—Varnished toys of tinned iron plate.

103 FEX, A. W., Steina, near Nürenbarg, Mann.—Patterns of black-lead pencils.

104 HERSCHEL, J. J., Regensburg, Mann.—Black leadpencils. Boxes with crayons for drawing, &c.

105 HACKER, M., Munich, Inv. and Prod.—Goblets of ivory, carved with figures and arabesques; gilded silver inside.

106 HALLER, J., Munich, Inv. and Prod.—Goblets, in plater of Paris.

107 HAMPFEL, J., Munich, Inv. and Prod.—Specimens of galvanography, combining the effects of the brush with those of the chisel. Original copper-plate, with the drawing in relief. Secondary, or printing-plate, produced by galvanism. Print from the same.

108 KELLY, S., Nürenbarg, Prod.—Glass painting, a copy of the window in St. Lawrence church, at Nürenbarg.

109 HELLING, J., Munich, Prod.—Bust, in Flanders marble.

110 KNOLL, C., Munich, Inv. and Prod.—Model of a goblet, in plater of Paris, to be cast in bronze.

111 LEHR, J., Munich, Inv. and Prod.—Two figures in Carrara marble, highly finished. 1 Cupid. 2 A girl.

112 MILLER, F., Munich, Prod.—Colossal lion, fifteen feet long and nine feet high. Two statues, seven feet high, modelled by Schwanzhauer, cast in bronze and finished with the chisel. 1 Libussa, Queen of the Bohemians, anno 700. 2 George of Padua, King of the Bohemians.

113 MEISS, J., Munich, Prod.—Stereoscopic picture upon mortar-ground, plastered on wood; a new method for producing indestructible paintings on walls.

114 SCHMIDT, C., Bamberg, Prop.—Picture by Raphael, painted on china plate. Paintings on porcelain.

115 ZELLER, F., Munich, Prod.—Silver fruit-plates in the form of a shell, in alto-relievo. Two reliefs in silver.
3. SAXONY.

(GUSTAVUS DOPPLER, Esq. and Dr. WOLFGANG SZYMANOWICZ, LL.D. Commissioners for Royal Saxony, 91 Piccadilly.)

1. Saxhorn, C. Sornert, near Mitgelin, Prod.—Specimens of flax cultivated in the Belgian manner, water-redded and swagelled, also swagelled and buckled. Patterns of extra fine yarn, spun from the flax.

2. WATTENBERG, Lichtenberg, north Freiberg, Manu.—Patterns of swagelled flax, cultivated in the Belge manner, and water-redded.

3. GANTZER, W. Zlitzan, Mann.—Flax, watered, and partly swagelled, also partly buckled, in five different qualities.

4. THOMAS WITTMAR, Nuremberg, Leipzic, Mann.—Bleached sponges, fine and common quality.

5. KUKER, F. Roehlitz, Mann.—Varnished leather. Black varnished calves' leather, for the use of shoemakers and belt-makers; the same description, of sheeps' leather.


7. HANDEBEER, G. Leipzic, Mann.—Black printing-ink for hand presses and for machines.


10. THE ROYAL Saxon CHINA MANUFACTORY, Melkna.—Complete series of ultramarine blue.

11. SCHMIDT & Co. Deubitz, near Loumartzsch, Prop.—Safety flax. No. 1, for common use in Germany; No. 2, for working in mines, with grey cover; No. 3, for working under water. One box, with porcelain clay.

12. HOFFMANN, C. Leipzic, Manu.—Machine for planing printing types, with three different planing tools. Machine for boring corals.

13. BOPPEMEYER, F. A. Leipzic, Prop.—Machine for casting types, with instruments for two different sizes of letters.


15. BROCHEMANN, E. Leipzic, Inv. and Mann.—Electro-magnetic telegraphing apparatus, with dial and hand: used on the telegraphic lines of Saxony and Bavaria.

16. LITZER, M. L. Leipzic, Mann.—Electro dynamometer, with mirror and telescope: for measuring the intensity of galvanic currents.

17. LANG, A. Glashütte, Mann.—Watches, manufactured as in Switzerland, by division of labour. A box with all parts of a watch, and watch movements in four different stages of manufacture. Watch cases, and engraved patterns. Ten watches, lever escapements, chronometer balance. Six with eight stones.


21. SCHUMANN, L. Neukirchen, Mann.—Musical instruments: Saxhorn, in B, with three cylinders; Packfong trumpet, in G; cornet B also.

22. SCHUMANN, E. M. Neukirchen (Agent, C. Holland, 41 Finsbury Circus), Mann.—Wind-instruments: D clarinet, with all keys; B clarinet; B cornet, with three cylinders; bass clarinet, with all keys.

23. ZIEGLER, C. Carlisle, near Elberstock, Mann.—Harmonicas and accordions: Chromatic concert harmonicas; bass and tenor harmonicas; accordions of forty and twenty tunes.

24. BREITFELD & BALKWELL, Leipzig, Mann.—Concert pianoforte, in rosewood case.

25. THE ROYAL DIRECTION OF RAILWAYS, Dresden.—Models of the two great viaducts of the Saxo-Bavarian Railway, over the Elster and Goetzles valleys.


27. SCHEUNER, J. B. Consul, near Leipzig, Inv.—Twenty-eight specimens of powder blue.


29. KÄRNER, E. T. Leipzic, Mann.—Various pocket-knives, with from one to thirty-two blades, and with ornamental handles; knives for cutting the end of sausages; champagne knives; table knives, &c. Hangers and daggers with figured handles. Exhibited for execution and arrangement.

30. LEVI, H. Dresden, Mann.—Carving knife and fork, with handles of solid mother-of-pearl, and pins of silver.

31. THUIEREN, P. T. Melkna, Mann.—A gun with double barrel, on a new percussion principle.

32. STRAUSS & SOH, Leipzic (Agent, Phillips, Brothers, 31 Cockspur St.), Mann.—Silver works: a vase with fifteen silver flowers.

33. JAN, A. Dresden, Mann.—Chesb-boards of composition metal. Exhibited for cheapness and execution.

34. DE BUEAU, R. Deubitz, near Leipzig, Inv. (Agent, C. Holland, 41 Finsbury Circus, Mann.—Composition goods: playthings for children; sets of coffee and tea-things; millinery; toilet; needles; caskets; sugar-boxes, &c.

35. HOFFMANN, P. Seebitz, Mann.—Parts of lamps for the trade, made of brass. Lamp-burners in different numbers. Regulating jacks. Tubes with screw thread.

36. GRAZIAN, F. Kleinverkauf, near Bautzen (Agent, Mr. Mallalieu, 87 Hatton Garden, Holborn, Mann.—A bell of brass, 385 kilogr. weight, with iron clapper and tackle.

37. HORN, E. W. E. Chemnitz, Mann.—Cotton yarn of different numbers.

38. HOFFMANN, F. P. Chemnitz, Mann.—Cotton yarn of different numbers. Nos. 30, 70, 60, 50, 40, 24, 40, 30, single and medley, first quality. Nos. 10 and 24, six thread, knitting, first quality.

39. BODEMER, G. Zeichner, Mann.—Cotton yarn for stockings.

40. HOFFNER, F. T. Chemnitz, Mann.—Specimens of twist. Nos. 30, 40, 55, spun from Georgia.

41. FASSA & HAUSMANN, Chemnitz, Mann.—Knitting cotton yarn of various numbers and qualities.
49 Mattson, C. G., Chemnitz, Manu.—Cotton thread of different qualities and numbers.

46 The Society of Worsted Spinners, Leipzig (Plauen), Manu.—Illustrations of the process of worsted spinning, from the raw wool up to the finest yarn. Specimens of worsted yarns of different numbers.

45 Tschirn & Sons, Leipzig, Manu.—An assortment of worsted yarns, raw and coloured, various threads.

44 Pethold & Ehrler, Bielefeld, Manu.—Worsted yarns, of different numbers.

43 Schenkel, C. F., Chemnitz, Manu.—Woolen yarn, of different numbers.

42 Wolf, C. H., Burtstätt, near Chemnitz, Manu.—Woolen soft worsted yarn (raw), various Nos. each 5 lbs. weight; 1 lb. Nos. 34 and 36 on the reel.


39 Zoeller & Co., Ansbach, Manu.—Rich silk stuffs, viz: Lamee; damas libre; broderies Pompadour moire à reserve; Brocaille, lancé, découpe; Fausse Soie, glosé; Armoir.

48 Betser’s Widow & Co., Zittau (Agents, J. Wilson & Sons, 59 New Bond St., Manu.—Linon damask table cloths; tray cloths, with napkins and doyleys; raw, white, and bleached.

47 Lichtenberg & Hahnow, Gross-Schönbach, near Zittau (Agent, P. Amal, 20 Providence Row, Finsbury Eq.), Manu.—Linon damasks, raw and bleached. Table cloths and napkins.

56 Wachter & Sons, Gross-Schönbach, near Zittau, Manu.—Manufactures in linen damask, viz: A large tablecloth, unbleached; napkins, all linen, unbleached and white; half-silk, crimson, and chamois; half linen, red and white. Series of table cloths, with napkins, of linen bleached damask, including pieces executed in various years from 1770 to 1830, to show the historical progress of the art. Half-silk and silk damask napkins, partly with fringes.

54 Proksch, sen. and jun., Dresden, Manu.—Table cloths of brown and white linen damask. Napkins of the same with armorial bearings. Damask doyleys, with fringes.

53 Brandstetter, F., Leipzig, Manu.—Tablecloth of linen diaper, 24 feet long, 8 feet wide.


50 Klaud, C. G. & Co., Plauen, Manu.—Embroideries: Figured jacquard; embroidered linens; figured and coloured borders.

51 Manz, F. A. & Co., Plauen, Manu.—Embroideries in mill, half cambric, jacquard, and linen cambric. Capes and handkerchiefs, tammis, embroidered with the needle and with the loom.

49 Schönber & Co., Plauen (Agents, Ulmann, Hiroshorn & Co.), Manu.—Embroideries on jacquard, silk, and cambric, with cotton and silk. A set of furniture: easy chair, pillow and cushions embroidered à la Française; footstool; window curtains with fringes; wall basket; table cover; shades; letter case; and pincushion, embroidered in the French style.

51 Mannfield & Stoffregen, Plauen, Manu.—Embroideries: Muslin curtains, rose and white (broché brode), new patterns worked with the Jacquard loom; gauze curtains, white (broché), worked with the Jacquard loom; embroidered (with the needle) linen handkerchiefs; musls, plain and figured.

50 Schönberg & Stoffregen, Plauen, Manu.—Embroideries in mill, French, and Scotch cambric and net. Pair of sleeves of mill in the pagoda style; embroidered cambric collars; embroidered net work; chemises of mill, à Duchesse, à la Marie, à l’Amazone; cambric pocket handkerchiefs, English embroidery; pocket handkerchief of French cambric; morning dress of Scotch cambric; pillow of French cambric.

49 Glaser, F., Langenfeld, near Auerbach, Manu.—Cambric, jacquards, and jacquets spotted, of different qualities. Exhibited for chemises.

48 Heyser, E. & Sons, Auerbach, Manu.—White fancy cotton goods: Gaze ramages for curtains, jacquet, batist, and organdy.


53 Strochen, G. F. & Sons, Ribenstock, Manu.—Embroideries in mill jacquet, linen cambric, and cotton gauze. Capes: festooned of jacquet, mill and cambric, gauze of cotton gauze, of net work, black and white chemises. Bonnets, of thread; of white net work; white, black, and coloured with roses and fringes, with gold; double black with barbs, of net work. Vests, pelisses, mantillas, and shawls. Laces: Brussels and coloured woollen.

47 Proksch, Ernst, Eberstock (Agent H. A. Hentschmann, 16, Cobsebrook Row, Islington, Manu.—Laces: Bone laces; complete gauze, volant. Embroidered: veil, corset, bertha of crapes, fancon of black net work, mixed with yellow; fancon of white net work.

46 Forester, F., Eberstock (Agent, H. Kohnstamm, 7 Union Court, Broad St.), Manu.—Embroidered capes, ruffles, bonnets, bars, veils, shawls, and pelisses. Laces: Zephyr bed laces, black bobbin, black silk laces, gurnias, blondes, and a long black barbe.

48 Dorff, C. G. & Sons, Eberstock (Agent, C. Holland, 41 Finsbury Circus, Manu.—Laces: White thread black silk lace insertion; and black silk laces.

71 Schröter, F. A., Dresden, Manu.—Laces and embroidery, imitation Brussels, Volans; berths; barbe; écharpe. Embroidered scarfs in the ancient style; barbe, berths, &c. Embroideries: collar, ruffles, and pocket handkerchiefs.

73 The United Merchant Manufacturers: Friedrich & Son, Nach & Gershempe, Friedrich Neuner, Frank Solberg, Wix & Lounds, all in Chemnitz; Glaser, J. S. Jun., in Schoena, near Chemnitz; Hahner, H. C., in Waldenburg; Fester, August, in Limbach; Meinert, Brothers, in Golsmitz; Landgraff, Gottfried, in Hohenstein; Wernbergfuss, C. H. & Sons, in Lichtenstein; Sprengel, J. H., in Kneipbrück (Agent, Nach & Gershempe, Friedrich & Son, W. Meyerstein, 15 Weilgasse St.; H. C. Härtel, G. Landgraf, D. Joshua, 84, King St. Cheapside).—Men’s and women’s hose; half hose; men’s and women’s gloves; children’s and boys’ hose; half hose and jackets; gloves; drawers, and caps; woolen and cotton camisoles, amasons, &c., brown, white, and coloured. Women’s hose: brown lace, white lace, and silk embroidered.
SAXONY.

87. Lohse, Edward, Chemnitz (Agent, W. Meyerstein, 15, Welting St.), Mann.—Damasks for furniture in half silk, all silk, half wool, and cotton, named Valentin, imperial, gobelin, bernska, montezaund, rip, etc.; foulard imperial, half silk; plain and figured cotton cameleons; figured gingham; table covers and bed cover of half silk, half wool, and cotton damask. Glassed gingham; cravats, cotton jacquet; atlas, and half silk satin.
88. Höncke, R. & Co., Chemnitz.—Damasks: woollen, purple, green, crimson. Silk and wool, two and three coloured brown, striped gobelins, and two coloured green. Cotton and wool, scarlet, light blue, brown, green, crimson, royal blue, maroon, etc., table-covers.
89. Hammer & Albrecht, Chemnitz (Agent, W. Meyerstein, 15, Welting St.), Mann.—Damasks: cotton, cotton and wool, cotton and silk, wool and silk, in various colours.
90. Seyfried & Rieger, Chemnitz (Agent, Gottschalk & Schröder, 22, Beislgall St.), Mann.—Damask in different colours, as plain, figured, and figured gobeled, with borders, colored, imperial; silk-striped, woollen and cotton, wool, silk, and cotton. Table-cover, named gobelin tapes.
91. Voigt, W., Chemnitz, (Agent, D. F. Buhr, 34 King St. Cheapside), Mann.—Stuffs: woollen, wool, and silk mixed. Fancy articles, named satin, satin lamé, satin lamé rayé sole, satin cotton, etc.; damas mi-si-soi velouré, royal mi-si-soi, royal couleuré, wool, wool, and cotton; wool, and cotton; wool, and cotton.
93. Winkler & Sohn, Bocklitz, Mann.—Worsted stuffs from soft worsted yarn: Satin double, maroquin lamé, carrilamé, pelopilamé, velours laine, velours rayé, Chemnitz satin.
94. Ziehler & Heider, Glanchnau (Agent, J. B. Boucoffets, 19, Addle St.), Mann.—Woollen stuffs (made from soft worsted yarn, mixed with silk): fancy articles, named pouri de ville, Amiennies, Chemnitz, Thibet, satin imperial, satin de saxe, Cacharel tissus, etc. 95. Eicker & Boyer, Glancnau (Agent, E. Buchler), Mann.—Stuffs, fancy, wool, cotton, and silk mixed, named Ecosais, Itameres, Stradelles, Amiennies, Veloutés, Favorites, printed Veloutés, etc.
96. Geywitz & Simon, Glanchnau, Mann.—Worsted stuffs: Valenta, Estella, Chemnitz and Armuré.
97. Fabriges & Co. (Agent, W. Meyerstein, 15, Welting St.), Mann.—Shawls: long, mossac, teredoles, sepulchre, Cacharel, Nancy, etc.
98. Hecker & Tacker, Glanchnau (Agents, Cooper & Blagg, 44 Friday St. Cheapside), Mann.—Various fancy stuffs, woolen and cotton, named Lombard, Montpensier, Cachemiers, tartans, and trusses; and woollen, named pure laine, first and second quality, sprinkled; cameloon, woolen.
99. Schmitz & Zehrs, Glanchnau, Mann.—Worsted stuffs: Metaline, Malbecomme, all wool, and half silk; Aigeline; Castiglione; Montabans; Metaline, half silk.
101. Schram & Lokenschell, Glanchnau (Agent, H. Oppenheim & Co., 15 Addle St.), Mann.—Fine worsted goods. All worsted, gros, mixed, Montpensier, thread warp, worsted weft. Lams, made with thread warp and woollen weft, and with silk warp and worsted weft.

102. The Weaver's School, Glanchnau.—Stuffs: wool, and wool and cotton; robe jaquard; châles, or shawls, woollen and silk. Specimens worked by the pupils of the institution, which is supported by the manufacturers of Glanchnau.
103. Glatz, F. W., Glanchnau.—Woollen stuffs (worsted stuff yarns); Thibet, superfine quality, different colours. Dyed by the exhibitor.
105. Dietrich & Straup, Meerane, Mann.—Worsted woollen fancy stuffs; and mixed tartan, Cachemirienes, Montpensier, Odden checks, and satins.
109. Lehmant, C. G. Bohrigen, near Esswein (Agent, Gottschalk & Schroeder, 72 Beislgall St.), Mann.—Woollen and mixed stuffs: Lams flannel of different colours, and plain patterns for mantles; backdrop, entirely woollen; molton, pepper and salt; sweat-skirt for shirts and chemisettes, with cotton warp; base, with cotton warp, for petticoats, striped, quarried, and striped with borders.
110. Böhmer, H. G. F. Crimmitschau, Mann.—Woollen stuffs, viz. cassinet, green, blue, brown, black, and mixed. Tricot cora. Double cassinet black, and mixed Cachemire.
111. Brehart, H. T., Crimmitschau, Mann.—Woollen stuffs. Winter and summer elasties, and cassinet.
112. Coller, F. Crimmitschau, Mann.—Woollen stuffs: cassinet, summer satin, and winter buckskin.
113. Huyser, H., Crimmitschau, Mann.—Woollen fancy stuffs for paletots and trousers. Buckskin of various qualities, for the summer. Grey and green cassinet.
114. Heising, O. & Co., Crimmitschau, Mann.—Woollen stuffs: summer and winter elasties.
115. Köster, C. W. Crimmitschau, Mann.—Woollen stuffs: cassinet, and summer buckskin.
116. Kaufmann, C. H. & Son, Crimmitschau, Mann.—Woollen stuffs. Zephyr, deep scarlet; Peruvienne; paletot; winter and summer elasties; summer satin, and cassinet.
117. Muscle, O. & Co., Crimmitschau, Mann.—Woollen stuffs; summer and winter buckskin.
118. Ohler, A. Brothers, Crimmitschau, Mann.—Woollen stuffs. Cassinet of different colours; back doekin satinet, drab colour; gisep.
120. Matthies, C. jun. Zschopau, Mann.—Cassinet, woven on power-loom. The manufactors of damask and figured woven goods, mixed of cotton, wool and silk, occupies many thousand hand and Jacquard looms in Chemnitz and neighbourhood.
122. Schmiedt, H. H. Oskath, Mann.—Woollen fancy stuffs: Satin grey, brown, and green; cassinet; bronze and olive; Druffel cloth, black; black satin. The pieces, No. 1967, 1250, and B 99, are made by C. F. Kunze, Oskath.
SAXONY.

120 BATE, P. Leipzig, Manu.—Ladies' bags. 121 Velours or velvet, plain, embossed, with steel handles; with handles of mother-of-pearl. Hand-bags, embossed; velvet, with small artificial roses.

150 TEHRAN, C. Rosenthal, Manu.—Ladies' pockets; interlaced work of navy worsted yarn.


153 EISENFELD, E. Annaberg (Agents, C. H. Ehrenpreis and Co. 4 Lawrence Fontaine Pl. Canon St.), Manu.—Black silk laces, of different prices and qualities; thread laces, of modern and ancient patterns and style.

154 ENGELBERG, C. H. Treibmann, Manu.—Various fringes: sewing fringes, black and mohair and coloured mohair.


156 JANOWSKI, W. Buchholz, Manu.—Buttons' makers' productions: ladies' buttons, with and without tassels; strings for ladies' robes, with tassels for pipes; a garland of insertion for ladies' robes; tassels for furniture; loops for cloaks and mantles.

157 ENGELBERG, C. H. Treibmann, Manu.—Varnished table-covers, on net lace, after designs invented and drawn by Mrs. Schuber.

158 MÜLLER-PELLE, C. F. Annaberg, Manu.—Button-makers' productions: twisted fringes of half silk, wool and cotton; loops, half silk; chiffons, all silk; mohair laces; indiarubber galloons, of silk, wool, and cotton.

159 ENGELBERG, C. H. Treibmann, Manu.—Fringes: white cotton, ball, coloured ball, half-silk button, half net, half sewing, sewing silk fringes; a large number of different patterns, Annaberg (Agents, C. H. Treibmann, Manu.—Half silk, worsted and cotton fringes. Trimmings; half silk; sixty patterns. Exhibited for cheapness and execution.

160 ENGELBERG, C. H. Treibmann, Manu.—Fringes: white sewing and ball fringes.

161 HILLER, F. Buchholz, Annaberg, Manu.—Button-makers' productions: silk and half-silk buttons; cords and galloons, of silk and linen, and Impaban, and of silk and guipure; rich silk buttons.

162 SCHMIDT, W. Leipzig, Manu.—Oil cloths; floor cloths, partly varnished; and oiled fustian. The manufacture of oil cloths forms an important branch of Saxon industry, principally concentrated in Leipzig.

163 QUAST, J. F. Leipzig, Manu.—Oil cloth; oiled fustian; round table-covers; cornered table-covers; floor carpets double oiled.

164 SCHMIDT, W. Leipzig, Manu.—Oil cloths; oiled fustian, of oiled fustian (tortoise-shell pattern); table-mats, floor cloth, linens and tickings for painters, and oiled cloths for hat-linings.

165 EISENBERG, J. C. C. Dresden, Manu.—Linens and tickings for painters, various lengths and colours. When extra width is wanted, the sewing is done in a way scarcely visible, and without injury to solidity.

166 WIESSLER, J. D. Leipzig (Agent, C. Holland, 41 Finsbury Circus), Manu.—Cloths for pianos; hammer cloth; damask cloth; red and green under-cloth.
187 **MEISSE, A. Pirna, Saxe.—**Articles made of felt: Ladies’ woollen shoes, fine; gentlemen’s shoes of plain felt; gentlemen’s and ladies’ slippers.

188 **FISCHER, C. F. A. Baunze, Pirna.—**Specimens of paper: Plate paper, for stone and steel plates; printing paper; tissue paper, white and rose coloured; writing paper; drawing paper, watered, on the Otten machine, and sheet with vegetable gins; vegetable paper, for counter-drawing; papers for documents, notes, and bank notes. Gigantic millboard, for waggon manufactories.

189a **HITTEL, J. A. Dresden, Saxe.—**Seven tables, embroidered with hair and silk, on silk ground; vias., the portraits of Her Majesty of England and His Majesty of Saxony, the flags of all nations, &c.

189 **GOEBEL, H. Leipzig, Saxe.—**Raw German hair, called Brauns hair, of various lengths and colours, including a waist of two yards and a half. Natural hair, completely purified and prepared for use, applicable for curls, &c., with specimens of the same hair dyed. Hair, artificially dressed. The exhibitor states that he employs more than thirty men in the preparation of human hair for sale.

190 **KLINDERMANN, A. Bechhols (Agent, G. H. Friebeau, Leipzig).** Specimens of different kinds and sizes of animals, various sizes and execution.

191 **FESTTEL & Son, Aue, near Schneeburg, Saxe.—**Smell-boxes of tortoise-shell and metal, with paintings. Lady’s box, with silver arabesques. Scottish boxes. Dragnet boxes. Ivory box, with paintings.

192 **BROCKHAUSEN, W. Johannisberg, Saxe.—**Venetian glass; travelling case of rosewood; box for souvenirs; boxes of mother-of-pearl; sugar-boxes, &c.


193a **HACKER, L. Dresden, Saxe.—**A pair of complete horse harness, with collar, brown round reins, counterholds, silver plated buckles, steel bridge. Three bridles, of different descriptions. Ten whips.

194 **The Royal Saxon Manufacture of China, Meissen (Apply to Dr. Seyffarth, Royal Commissioner for Saxony).**—China: Royal blue vases, with portraits of Her Majesty the Queen of England and H. R. H. Prince Albert. Chandeliers, with nine girandoles, coloured and gilt. Canopy, in its natural state, preserved, standing in a pot. Vase, after Mr. Stevemer’s design. Vase, on a pedestal, with figures after Wedgwood, with flowers and figures in relief. Mirror frame, with similar figures, painted in colours, with flowers in relief, richly gilt, with two girandoles. Vases, painted with flowers and bronze. Figures: a flute-player and a girl playing the guitar, &c. Etagères. Dessert dishes and plates. Figure, a girl feeding doves. Fruit-basket. Tableau, The Female Lace-worker. Six place settings with the armorial bearings of the kingdom of Saxony. Plate: Busts: Damsel, after Mr. Racine; King of Saxony; King of Prussia; Madame Adelaide; Socrates. Figure, Gazaneda, after Thorwaldsen. Shades. China vases, for the use of chemists and apothecaries.


196 **BOCKER, H. Dresden, Saxe.—**Paintings on china: Brooches of painted china, enameled in bronze; small china paintings of various kinds, after classical pictures.

197 **WAUTHE, G. Dresden, Saxe.**—Enamelled paintings on china, copies from classical originals.

198 **SCHROEDER, P. F. A. Leipzig, Saxe.—**Printed books: a collection of 356 volumes, all printed in the year 1850, in the office of the exhibitor; in elegant covers.

199 **BAITZ, J. A. Leipzig, Printer.—**Ornamental typographical works: Missals of Germany, with the first issue of Egyptian hieroglyphics having been executed in print; it has been executed by means of more than 3,000 stamps cast for this purpose. Tahmin Babel; Babylonian Talmud, in Hebrew, with German translation, and the commentaries of Raschel and Josephoth, by Dr. E. M. Pinzer, vol. i., 1842.

200 **HIMBERGEL, J. B. Leipzig, Printer.—**Specimens of the art of printing. A picture in polychromatic print. Specimens of types.

201 **KIMMOLAND & Sons, Dresden, Saxe.—**Four specimens of coloured printing.

202 **SCHULZE, G. Dresden, Inv. and Manuf. of Saxony.—**Specimens of a letter foundry: Complete set of the last specimens of printing types; music-book done with type cast and cut in English steel, in gilt frames; musical text-book, executed with types cast and cut in English steel, in a new style. Proof-plate of printing with lately invented stereograph type, on Mr. Gabelshank’s frame with gilt frames.

203 **JANS, F. H. Dresden, Saxe.—**Engraving, with specimens of several engravers’ work. Exhibited for execution.

204 **The Royal Saxon Military Plan-Office, Dresden.—**The three first numbers of the engineers’ map of the kingdom of Saxony. Exhibited for execution.

205 **KREUZ, T. Leipzig.—**A relief, in ivory (portraits of Clara and Robert Schumann).

206 **KREUZ, Ernst, Prof. M.B.A.F.A. Dresden.—**Sculpture: The Christensel, relief, Carrarian marble; Cupid mounted on the back of a panther, relief, Carrarian marble. Maria kneeling at the dead body of Jesus Christ, full-size group, in plaster of Paris.

207 **BÄRTZ, G. Dresden, Manuf. Three electrolyte copies of classical shields.

208 **KUGLER, H. Dresden.**—Signet, in form of a vase ground out of a piece of rock-crystal.

4 WURTEMBURG.

(Agents in London, MESSRS. BRAND & SCHICKMANN, 6 Piiner’s Hall, Old Broad St. City.)

1 **ZELLER, F. Neckartheilingen, Stuttgart.—**Specimens of stones from the quarries of the exhibitor, adapted for millstones.

2 **BOOS & Son, Boeblingen, Saxe.—**Kreosote. Hydridolite powder, &c.

3 **BAUER, F. & Son, Kirchheim, Toch, Saxe.—**Ultramarine. Exhibited for colour and cheapness.

4 **JÖRGER, F. Stuttgart, Saxe.—**Sulphate and other compounds of quinine; pure hydridolite.

5 **LEHN & BAUKOFFEN, Ulm, Saxe.—**Hydridolite cement, which quickly hardens under water.

6 **SCHLECHE, H. Stuttgart, Saxe.—**Carmin, Munich carmine, lac, madder-lac, and snare colours; and a yellow innocuous colour for confectioners.

7 **ANTI, F. Esslingen, Saxe.—**Yellow colour, innocuous, and adapted for the use of confectioners.

8 **BAUR, F. Mähringen, Stuttgart, Prod.—**Dried bilberries.

9 **SCHMIDT, W. Calmbach,Prod.—**Dried bilberries.

10 **FRIEDRICH, C. Kirchheim, Prod.—**Dried plums, pears, apples, prunes, and cherries without stones.
WURTEMBERG.

11. NOREMANN, Pasemann, Hohenheim, Stuttgart.—Collection of various woods, showing the nature of their fibre. Collections of insects, especially those which infest the fields.

12. SCHWENDLER, G. J. Kehl, Nagold, Mann.—A buckie, or flex comb.


15. ROYAL GUN MANUFACTORY, Oberrndorf.—Gun for infantry, rifle with bayonet, and common rifle, made of cast steel.

16. HAMER, F. Schwaningen, Mann.—Dutch clocks with weights, of various sizes; alarm clocks, &c. Exhibited for comparison.

17. BACHOFEN, A. Stuttgart, Mann.—A novel escapement for watches, without a balance-wheel; a watch on this principle. Second escapement, for escapewheels of various kinds and maintaining power, without distinct second-work. A week-going seconds' watch, with five wheels only. Watch, of ivory. Watch with lever escapement, working on a plate of steel. Chronograph, on a new principle.

18. HOLZ, W. Hall, Mann.—Regulator, going eight days, in mahogany case, with silvered dial, and jewelled escapement.

19. SROTH, V. Ums, Mann.—Patent small church-clock, striking hours and quarters, with a new escapement, intended to prevent wind and bad weather from injuring its hands. An eight-day clock.

20. DIETZEBACH & BLASSEN, Stuttgart, Mann.—Grand pianoforte, with double action. Coptage pianoforte.


22. LEIPF, R. B. Stuttgart, Mann.—Square pianoforte; the hammers are fitted up with a new and more durable kind of felt, intended to assist in producing greater clearness of sound.

23. SCHMIDT & SON, Stuttgart, Inv. and Mann.—Grand pianoforte, in rosewood, with newly-invented patent double action. Square pianoforte, in mahogany. Cottage pianoforte, in mahogany, decorated and ornamented with original wood carvings.

24. HELWEST, J. Stuttgart, Mann.—Bassoon with nineteen keys, of improved construction.

25. BAYER, C. Stuttgart, Mann. and Inv.—Pair of orchestra kettle-drums, tuned on a new plan. A large drum.

26. KIESELBACH, T. Stuttgart, Mann.—Improved diastimeter for the use of the army, with two parallel wires moveable at the same time, and at equal distances from the centre to the extent of the field of view, along a scale divided to minutes. Surveying compass, with a graduated limb and vernier reading to five minutes. Improved Wollaston's goniometer, with an auxiliary glass for measuring off the angles of prisms and crystals. Silver hydrometer. Telescopes, mounted equatorially, with divided arcs, &c.

27. HAUSER & ARNOUD, Reutlingen, Mann.—Tullinets and valentines, exhibited for cheapness and quality.

28. KOLB & SCHULZ, Kirchheim, Mann.—Coloured cotton quiltings; green and blue cotton camelion; coloured canvas, gingham, and dimity bed stuff; white cotton tricot; green cotton umbrella stuff, and grey cotton stuff.

29. WEISS, J. J. Ludwigshurg, Mann.—Quiltings and tullinets of various patterns.

30. SCHILL & WAGNER, Calw, Mann.—Woollen cloths; black satin cloth; flannels of various qualities and colours.

31. FISCHER, J. G. Reutlingen, Mann.—Several specimens of woollen cloth, exhibited for dye.

32. SCHULZ, A. Reutlingen, Mann.—Woollen trouser stuff, for summer and winter wear. Worsted yarn, dyed and undyed.


34. LANGE, A. F. Blumenau, Mann.—Bleached linen, and linen handkerchiefs.

35. MANUFACTORY OF LINEN, Ulm.—Samples of linen yarn.

36. BREHMANN, C. & H. Stuttgart, Mann.—Samples of bleached linen from machine yarn, made up in the Irish and Dutch style; unbeached linen drills; white linen drills and printed cambrics.

37. BARTZINI, C. D. Reutlingen, Mann.—Specimens of calf leather; upper leathers ready out.

38. BAEHR, F. M. Ulm, Mann.—Black varnished leather, exhibited for quality and varnish.

39. KENZER, O. Stuttgart, Mann.—Fancy leather goods: portfolios, books, albums, portmanteaux, cigar and letter cases, &c. Pouches, wallets, paper, white and coloured. The name of the manufacturer is inserted by a patent contrivance for machine paper.

40. SCHAUFLER, G. Heilbronn, Mann.—Coloured and white pasteboard. Tissue paper, white and coloured. Letter-paper, exhibited for quality.

41. KRAMER, C. Stuttgart, Mann.—Portfolio, containing pasteboard for the use of painters, of rough and smooth surfaces.

42. FAULNER & LEIBER, Ulm, Chemical Factors.—Rheumatic pitch-plaster.

43. BAEHR, Brüder, Heilbronn, Mann.—Fancy paper, which, by a process newly invented by the exhibitors, is coloured differently on the two sides of a single sheet.

44. VON & CO. G. Stuttgart, Mann.—Fancy paper, and enamelled card-board.

45. KÖHLER, F. Göppingen, Mann.—Printed woollen vestings. Printed linen handkerchiefs.

46. OTTO, H. Nürtingen, Mann.—First, second, and extra Turkey-red yarn.

47. ZAHN, W. Cannstadt, Mann.—Turkey-red printed cotton goods, of various patterns.

48. FISCHER & SON, Dornheim, near Ulm, Mann.—Embroidered curtains, in delicate and elegant patterns.

49. ROSENBACH, C. Nürtingen, near Teck.—Oards, scallops, and "entre deux." Knitting work.

50. TANNER, T. Stuttgart, Des. and Inv.—Designs for tapestry; printed furnishing materials; and large carpets.

51. VON ZWICKER, DEPPNER, & WINK, Ravensburg, Mann.—Curtains, white and red striped, and of embroidered net and muslin.

52. HILZ, HAAS, & Co. Schramberg, Mann.—Knitted woollen hosiery, petticoats, hose, stockings, and shirts.

53. RIES, F. F. Reutlingen, Mann.—Woollen and cotton hosiery goods. Lace and collars, called "eternelles." Knitting work.


58. BAEHR & SON, Stuttgart, Mann.—Bois, used in various countries.

59. BUCHER, F. Ludwigshurg, Mann.—Toys, representing various kinds of working utensils, in copper. Pastry moulds.
60  Brouwer, T. F. Stuttgart, Mass.—Brass and steel wire; metal wire for the manufacture of paper; metal wire game; brass wire and horse-hair sieves.
61  Wagner, C. Eisingen, Brassler.—Coppersmith's goods.
63  Eckert, C. Eisingen, Brassler.—Metal wire for the manufacture of paper.
64  Richard & Sons, Eining, Mass.—Brass cheese.
65  Faeh & Steinlech, Schramberg, Mass.—Garnets, cut in various sizes and shapes.
66  Reichmann & Sons, Heilbronn, Mass.—Tea-kettle, coffee and tea pots, cream jugs, sugar-bases, trays, tea canister, fruit baskets and plates, silverware, dinnerware, sauce-pots, chalcedony, candlesticks, cups, etc.
67  Grohers, A. Reinhausen, Mass.—Basket in wrought silver.
68  Lenz, C. Grumb.—Silver spectacle frames.
69  Uschitzka & Faeh, Schramberg, Mass.—Crockery ware. Flower-pots in black enamel. Fruit baskets or plates in green enamel. Table sauces, in white clay. Several tea services, with plates, in black and blue colors.
70  Wagemann, S. Ravensburg, Inv. and Mamm.—Gothic window.
71  Rothe, T. F. Stuttgart, Mass.—Dressing and writing table.
72  Witter & Exro, Stuttgart, Mass.—New gilt frames.
75  Bommert, C. Stuttgart, Inv. and Mass.—Patent metallic writing slates. Prepared after a new invention by the exhibitor.
76  Keil & Exro, Stuttgart, Mass.—New gilt frames.
77  Mommers, E. Eisingen, Inv. and Mass.—Gilt box-reel of 24 pans. Samples of gilt paper, etc.
78  Haas, P. F. Schramberg, Prop.—Straw plaitings: hats, bonnets, baskets, bands, fringes, tassels, etc.
79  Klee, F. G. Tbingen, Mass.—Cloth, hair, velour, and billiard brushes; large brush for cloth manufacturers.
82  Schmidt, F. Eisingen, Inv. and Mass.—Fancy goods in bone and ivory; cane-handles, brooches, baskets, etc.
83  Wreker, C. F. Eisingen, Mass.—Handles and buttons for carvers in ivory, deer-horn, wood, and lead, with ornaments.
84  Stolle, C. Ulm, Mass.—Ivory fan, carved; bone fans.
85  Wreker, G. & Co. Eisingen, Mass.—Fancy wooden boxes.
86  Baug, Brothers, Biberach, Mass.—Pastila, and confectionery goods, tragacanth-flowers, and birds with real feathers, etc.
87  Goll Brothers, Biberach, Mass.—Confectioners,
88  Böhm, C. F. Grumb, Mass.—Specimens of coffee, sugar-plums, bonbons à la liqueur, conserves, sugar devices, drages, lozenges, candy.
89  Bess, M. H. Grumb, Mass.—Wax ornaments, candles and tapers, baskets, flowers, cages, books, fruits, tea-cups, etc.
90  Trebik, G. Ulm, Mass.—Lozenges and confectionary.
91  Hagemann, C. Stuttgart, Mass.—Walking-sticks and canes, with engraved hooks and heads of ivory, buffalo, stag-horn, etc. Sticks and canes for umbrellas and parasols.
92  Schreiber, Stuttgart, near Stuttgart, Mass.—Samples of artificial whet-stones, pumice-stones, and polishing powder, for the use of workers in wood, steel, etc. and for japanners.
93  Blumhardt, H. Ulm, Mass.—Toys made of japanned tin, lead, pewter, bronze, iron, and wood.
94  Röhner, J. Stuttgart, Mass.—Tin and glass toys.
95  Dietrich, C. F. Ludwigburg, Mass.—Kitchen, stable, and garden implements for children.
96  Koepf & Back, Stuttgart, Inv. and Mass.—Dolls' houses, made of pasteboard.
97  Rock & Granner, Biberach, Mass.—Toys of tin and iron plate, brass, and paper-mache; carriages, countries, mountains, chapels, hermitages, mills, ships, etc.
98  Rock & Granner, Biberach, Mass.—Samples of candlesticks.
99  Sotzing, C. F. Grumb, Mass.—Samples of incense matches.
100  Lehmann, Miss E. L. Stuttgart, Mass.—Samples of artificial flowers.
101  Kühn, J. Ulm, Mass.—Lucifers matches.
102  Viehheuer, G. Ludwigburg, Mass.—Artificial flowers.
103  Wagner, F. Stuttgart, Builder.—Samples of whetstones.
104  Von Hoppe, L. Stuttgart, Sculptor.—Models of two large groups, representing the breaking-in of horses. Executed in Carrara marble, in the royal park of Stuttgart.
105  Holder, T. M. Stuttgart, Inv. and Painter.—Pictures in miniature, painted on ivory by a new method.
108  Wüsten, C. J. Stuttgart, Des. and Prod.—Glass paintings, after Bogus, Merillo, etc.

5. FRANKFORT-ON-THE-MAINE.

(Agent in London, M. Bossler, 59, Finsbury Square.)

1  Bossler, F. J. Frankfort-on-the-Maine, Mass.—Crescots, pure, and refracting light powerfully. Pamphlet, containing specimens of printing inks.)
2. BUSEN, P. A. Frankfort-on-the-Maine, Prod.—
Rectified cognac oil, manufactured out of common gin, or thinned spirits.

3. ZIMMER, Dr. C. Mainz. (Agent, Roller & Co. 16
Union Ct. Old Broad St. London.—Pure crystallized chilindine.
The sulphate of this alkaloid is contained in the sulphate of quinina, manufactured from the ordinary sorts of yellow bark; but it is only lately that it has been produced separately as a salt, and its properties satisfactorily ascertained.

4. MINOPEZ & Co. Mainz.—Samples of snuff: Rapé
de Paris; Rapé de Holland. Mariner Marocou, coarse and fine.

5. BEVAREZ, J. C. Frankfort-on-the-Maine, Inv.—
Models of apparatus for the use of the blind, and for houses of correction and punishment. Apparatus to facilitate twisting of straw or rope. Apparatus for making straw and list carpets. Lace apparatus and chair for a blind man. Apparatus for making and tarring tow mats. Articles manufactured with the apparatus by the blind, under the direction of the exhibitor.

6. WESER & SCHULZ, Frankfort-on-the-Maine,
Prod.—Single and double-barrelled rifles.

7. ALBRECHT, J. W. Frankfort-on-the-Maine, Maini.—
Degenerotype apparatus, with double achromatic lenses 5½ inches in diameter; with specimens produced by it.

8. MEYER & SCHWARTZ, Frankfort-on-the-Maine,
Maini.—Specimen of coloured cottons.

9. HORT, C. W. Maini.—Enamelled, waxed, and brown calico skins.

10. BURT & SONS, Frankfort-on-the-Maine.—Calf-skins,
black on one side, brown, and varnished.

11. BURT & BURLESON, Frankfort-on-the-Maine, Prod.—
Leather skins, soft and pliable.

12. BALDWINER, T. B. jun. — Specimens of black printers' ink.

13. BURT & BURLESON, Maini.—Specimens of letter-press printing. The German-antique type cut after the concordance system (proportional size of letter) extensively introduced into Germany.

14. WUST, C. L. Frankfort-on-the-Maine, Inv.—
Playing cards, of various kinds.

15. VACANT, J. J. Frankfort-on-the-Maine, Maini.—
Sols carpets, with border.

16. HOFFMANN, J. & Sons, Frankfort-on-the-Maine.—Stove
of Fayence, intended to combine the comforts of an open fire with the usual advantages of a stove.

17. JUNGE & WALTHER, Frankfort-on-the-Maine.—Gilt
lustre, in the Grecian style.

18. RAAB, G. A. R. Frankfort-on-the-Maine, Prod.—
Great key, exhibited for fine and difficult workmanship.

19. ZIMMERMANN, E. G. Frankfort-on-the-Maine, Maini.—
Samples articles in zinc and iron. Iron wire-work.
Transparent plate. Watch, with white and red dial. Flower-pots.

20. GOLDSCHMIDT, M. jun. Frankfort-on-the-Maine.—

21. TACCHI, P. A. & Co. Frankfort-on-the-Maine.—
Fountain of alabaster; glass with ornaments of gilded bronze; and a carrel lamp, for dining-room or orangery. Vases, with gold decorations, &c.

22. VOELKANZ, I. & Sons, Frankfort-on-the-Maine, Inv.
and Maini.—Glass wares, coloured, cut, and gilt, &c.: Flower and candelabra ornaments; pink glass plated with layers of alabaster, cut and gilt. Vases in alabaster glass, &c. Rock bottle, wine glass, and champagne glass, cut with ruby Gothic pattern, spiral engravings, &c. Tazza, candle lamps, scent bottle, &c.

23. ALBRECHT, J. V. jun. Frankfort-on-the-Maine, Maini.—
Moor's head conferring toy, and German dolls, glass eyes, &c. Optical objects for the polarization of light. Crystal models of precious stones. Chemical apparatus. Thermometers. Phenakistospe, after Professor Miller, for explaining the theory of vibrations. Stereoscope, with drawings after Professor F. M. Hessemer, &c.

24. DEHNEN, F. Frankfort-on-the-Maine, Inv. and
Maini.—Specimens of types of the German, Gothic, English, French, Russian, and Hebrew languages; ornaments, borders, &c. Types and ornaments of a new metallic composition; used by bookbinders.

25. ECK, NICHOLAS, Frankfort-on-the-Maine, Maini.—
Wood brushes. Hair brushes.

26. GODDE, F. F. Frankfort-on-the-Maine, Maini.—
Workboxes, tea-caddies, knitting boxes, ink-stands, ladies' desks, &c.

27. KÖSSEL, J. Frankfort-on-the-Maine, Prod.—
Tea-caddy, made of wood in imitation of German needlework.

28. WÖRLEIN, F. E. Frankfort-on-the-Maine.—Show
card. Writing desk. Diary; ruled paper.

29. DRERKEHREN, F. W. Frankfort-on-the-Maine.—
Picture maps relief of the classical soil of Switzerland, and of the Alps of Switzerland and their boundaries. Incomplete specimen.

30. SCHWERER, S. Frankfort-on-the-Maine.—Works

31. VASER, A. Frankfort-on-the-Maine.—Group,
Ariadne, on pedestal.

32. KREUZ, G. L. VOZ, Offenbach, near Frankfort-on-the-
Maine, Prod.—Small statues of G. B. Lessing, produced in
copper by electro-galvanism. The model by Professor Ristoch, of Dresden. Bas-relief, Amor upon a Panther. Cameo, lizard, snake, &c. moulded after nature.

33. STRAND, F. Prod.—Photography; and coloured
photography.

6. GRAND DUCHY OF HESSE.

(Cornmissioner, M. Hector Rosseler, 39 Finsbury Sq.)

1. BOCHER, W. Darmstadt, Maini.—Specimens of ultramarine.

2. ROSSLER, & Co. Gießen, Prop.—Specimens of manganese ore, exhibiting a very perfect crystalline structure.

3. SALT and LIGNITE WORKS at SALERNAHORN.—Raw
products: Earthy lignite, employed in the manufacture of salt; bituminous wood, employed in the manufacture of dressing-cases, &c.; and leaf lignite. Principal articles of manufacture: Lignite blocks (Brennstoffblöcke); common salt; salt for manure (Düngsalz); salt scum (Salzschasen).


3. SALT WORKS at THEODORSHÖHEL, near KREUSCHEN.
Slate crystals, remarkable for their size: bottle of concentrated mother-lye (Mutterlye), containing bromine, iodine, and chlorides of calcium and employed for baths.

4. JOHANNES & VONAT, Bauermellers' Fransgastl,
Darmstadt, Maini.—Maps in relief and maps printed in
colours: Geological map, in relief, of the Grand Duchs and Electorate of Hesse, with the Duchy of Nassau and bordering countries, by L. Ewald, secretary of the Geographical Society of Darmstadt. Geological map, in relief, of Wurtem-
GRAND DUCHY OF HESSE.

7. Koch, F. Oppenheim, Mann.—Alkaloids, from Peruvian bark, for medicinal purposes.

8. Oehler, C. Offenbach, Mann.—Samples of chemically pure ammonium, crystallized creosote, coal, naphtha, resin, lamp black, Paris black, for copper-plate and lithographic printers, and for dyeing Spanish leather; pure crystallized sal-ammoniac.

9. Berhard Brothers, Offenbach, Mann.—Specimens of tobacco and paper.

10. Mayer & Luitwe, Spandlingen, Frankfort-on-Maine, Mann.—Samples of the finest wheat flour, meal grains, and rye flour.


12. Zahn & Frommann, Ruesselsheim, near Ments, Mann.—Samples of chintz, or German coffee.

13. The Central Board of Agriculture for the Grand Duchy of Hesse Darmstadt.—Samples of agricultural products, used in the preparation of soups; oak bark, used in the tanning of sole-leather. Tobacco leaves (Dackblatter), from Lorsch and Virenhain, near Mannheim. Models of agricultural implements, etc.—The improved plough of the Bergstrasse; the Braunsfeld potato-mill, for crushing potatoes; siliceous stone, used for irrigation.

14. Hofmann, G. W. Ingenheim, near Darmstadt, Mann.—Specimens of starch from potatoes. Dextrose, two sorts: Gelatin in crystals, and in powder; glucose, used instead of gum-arabic; syrup of starch (Tranesau), employed in the manufacture of beer and vinegar; white and brown sugar. Starch from wheat (Weizemehle), from four varieties.

15. Apfel, C. Griesheim, near Darmstadt.—Various sorts of forest, grass, and clover seeds.

16. Michel & Morell, Ments, Mann.—Black, for copper-plate printing, of different sorts: Lamp-black of various sorts, from pine, calcined, Varnish-black and real ivory-black. Paste-black, dissolved in liquid; vivid black. Paris black, black for blacking, Frankfort black, etc.

17. Don & Krueger, Offenbach, Mann.—Flax, built chiefly of iron, for one or two horses; and patterns of the different materials.

18. Dickson, A. Giessen, Gun-maker.—Rifle, 4 ft. 10 in. long, inlaid with gold and silver, with apparatus.

19. Schuchardt, H. Darmstadt, Mann.—Several patterns of hats; silk hats, with felt foundation; hat (and feather) of beaver and musk; glazed hats; officers' helmets, one being made out of a single piece of leather.

20. Kunz, G. Darmstadt, Mann.—Mahogany grand pianoforte, of 6 octaves, with peculiar action.


22. Huns, H. C. Ments, Mann.—Levelling instrument, with case and stand, furnished with an achromatic telescope, an object-glass of 1 inch diameter, and horizontal micrometer movement.

23. Klein, C. Ments, Mann.—Alt vena, a small brass instrument, and an E flat clarinnet; both with German silver keys; F clarinnet; B clarinnet; B cornoet; of German silver.


26. Schott, J. Ments, Mann.—Clarinet of box wood, mounted with ivory, with brass keys. Flutes and piccolo, of the same materials.

27. Artz, P. L. Michelstadt, Mann.—Specimens of woolen cloth.


29. Lore, Steward of the Hospital of Schlitz, near Fulda, Mann.—Towels of different damask patterns, and damask table-cloths, with flower patterns.

30. V. Steuten, sen. Lauterbach, Mann.—Table-cloth and napkins, from flax yarn, spun by hand, and gross bleached.

31. Issel, E. Offenbach, Mann.—Specimens of japanned leather.

32. Heng, C. Worms, Mann.—Black japanned leather for boots and shoes.

33. Duerk & Reinhart, Worms, Mann.—Japanned and enamelled calf-skins for shoemakers and furniture.

34. Heilemann, J. Neckartaynach, Inv. and Mann.—Patterns of leather for soles.

35. Mayer, Paul, Ments, Mann.—Half-brown hide, half-bridle hide, brown calf-skin, waxed calf-skin, and several boot-legs and shoe-shoes, manufactured from calf and horse hides.

36. Mayer, Michel, & Denzinger, Ments, Mann.—Japanned and enamelled hides, black, and in various colours, for saddle and coach work. Dyed calf-skins, moroccos, roans, and split sheep-skins dyed, Black japanned calf-skins, enamelled goat and calf-skin, black and coloured. Japanned calf hides, hides for bridles, stirrups, and saddles.

37. Schirnvox & Horwitzow, Bingen, Mann.—Black japanned calf-skins; calf-skins with the hair, and beaver-skin. Sheet nettle-cloth, japanned. Pair of boots of japanned calf-leather.

38. Frey, E. A. Offenbach, Mann.—Specimens of ornamental labels, embossed and enamelled cards and paper.


40. Breyer, W. Darmstadt, Mann.—An assortment of various descriptions and qualities of playing cards.

41. Petri, J. Ments, Mann.—Specimens of black for copper-plate printers.

42. Schapper, H. L. Offenbach, Mann.—Various specimens of playing cards.

43. Wex, J. K. Offenbach, Mann.—Specimens of coloured and marble paper.

44. Wirt Brothers, Darmstadt, Mann.—Patterns of coloured and marble paper.

45. Wex, H. Ments, Mann.—Various articles, ornamented with embroidery upon canvas.

46. Wex, F. Offenbach, Mann.—Several specimens of printed and painted oil-cloths for table covers, pianos, and the interior of railway carriages. Pieces of waxed oil-cloths.

47. Schrank, J. & Son, Shoemakers.—Shoes, boots, slippers, &c.


49. Wex, G. & Co. Ments, Mann.—Camphine lamps, and improved camphine.

50. Schirnvox, A. K. Offenbach, Mann.—Assortment of fine cast-iron articles, black varnished and bronzed, viz., inkstands; night clocks and night-lamps, candlesticks, and other ornaments.

51. Schirnvox, B. Darmstadt, Mann.—Articles of jewellery, manufactured in oxidized silver, with solid gold ornaments. Paper weights; bracelets; brooches; chains, &c.; breast pins; ornament for a walking-stick, with horses.

52. Wexen, J. Ments, Mann.—Pattern of mock pearl and other beads in all colours, and several ornamental objects in beads.
GRAND DUCHY OF HESSE.

55 BERTHELMANN, E. Darmstadt, Manus.—Oval looking-glasses in gilt frame, the ornaments in composition; wall-glass; the same, in velvet and gilt frame.

56 FERCHER, M. J. M. Mens, Manus.—Various patterns of straw chairs, with walnut-wood frames.

57 WEVERLING, J. H. Darmstadt, Manus.—Several gilt picture frames, and an assortment of frame patterns.

58 Ander Selbst, Assenheim, near Holdheim, R.M.—Patterns of walnut-wood veneers, from wood of the Oderwald.

59 Goos, J. G. Mens, Manus.—An assortment of basket work.

60 SCHUBERT, E. Darmstadt, Manus.—Satin coat and waistcoat buttons, made by hand.

61 ASSELS, F. G. Offenbach, Manus.—Specimens of purses, gold and silver lace, bullion, &c.

62 HOENE, E. Offenbach, Manus.—Specimens of cigar cases, leather purses, pocket-books, dressing cases, &c.

63 FRANK, J. G. Offenbach, Manus.—Varnished rattan walking cases, and stuff-boxes of papier-maché.

64 HAAS & CO. Offenbach, Manus.—A variety of pocket books, &c.

65 KLEIN, P. Offenbach, Manus.—Net purses, and other specimens of weaving, called "tricot."

66 KLEIN, J. G. Seu. Offenbach, Manus.—Articles in leather, consisting of purses, cigar-cases, with or without steel bindings, paper and blotting-cases, &c.

67 LOWTHORNE, A. Offenbach, Manus.—Specimens of pocket-books, cigar-cases, purses, &c.

68 Moosere, J. & Co. Offenbach, Manus.—Various patterns of tea caddies; cigar, card, counter, and work-boxes, in yellow and white varnished wood, with steel mountings.

69 NAHET, H. Bingen, Manus.—Large portfolio, in red morocco leather, with lock and key.

70 ROY, F. A. Offenbach, Manus.—Net purses, and other specimens of net weaving.

71 ZELLEN & KÜHN, Offenbach, Manus.—Pocket-books of various descriptions, dressing-cases, albums, large writing portfolios, various leather purses and cigar-cases with steel bindings.

72 WENDT, C. Jun., Offenbach, Manus.—Assortment of cotton, half-silk and silk purses, made partly by hand and partly by machinery, ornamented with beads and mounted in steel.

73 ROSS, J. Darmstadt, Maker.—Specimens of wax flowers and fruit. Bunch of grapes with leaves, branches of apple trees; camellias, branches.

74 DOLCIO, C. Bingen, Worker.—Embroidery, imitating engravings, executed with fine black silk upon white silk, with portraits of Queen Victoria and Prince Albert.

75 FISCHER, H. Darmstadt, Printer.—Impressions from two landscapes by Abbema of Düsseldorf. One proof shows the engraving, printed in the ordinary manner; the other, what may be accomplished by the taste of the printer.

76 FRIEDRICH, F. H. Darmstadt, Carver.—Carvings in ivory and stag horn. Ivory goblets, sugar dish of cocoanut, paper knives, ear-muff pieces, brooches, &c.

77 HARR, C. W. Darmstadt, Carver.—Carvings in ivory. A colossal goblet, composed of three principal portions, stand, body, and cover. Ivory carvings, for needle and ball books; paper weights, snuff-boxes, bracelets, paper knives, brooches, heads for walking-sticks, riding-whips, &c.

78 SCHUMANN, L. Bingen, Manus.—Specimens of stained glass.

79 SCHERZER, J. Darmstadt, Manus.—Geometrical and other models. Models of joinings in wood and of roof joinings. Patterns of roof and of other mouldings. Models of crystals, according to Dr. Kopp. Model of a window frame, spiral staircase, several drawing instruments.

78 ZAPF, T. Mens, Printer.—Several specimens of typography, executed by the printing press.

79 DEIMLING, F. Mens, Manus.—Patterns of several articles manufactured of fur, and used for clothing.

80 RANIS KLEIN, Mens, Inv.—Choreographical apparatus.

81 STERI & SCHROEDER, Mens, Prod.—Several specimens of hops.

LUXEMBURG. NASSAU.

7. LUXEMBURG.

1 GOSLAR, F. Schleifenmühle, Manus.—Book-skins and loose cloth.

2 MANN, J. Luxembourg, Manus.—Paper hangings, variously coloured and gilded.

3 WERNER, F. Luxembourg, Manus.—Hunting boots. Shoes and boots, with single and double soles.

4 GANTER, FRANZ, De L’Usine, Luxembourg, Manus.—Kid and lamb skin gloves. White and coloured kid and lamb skins. Gold, bronzed, and black glassed kid skins.

5 BACH, J. F. Luxembourg,—Mosaic pavements, composed of very small bricks of baked clay.

S. NASSAU.

1 The Government Engineers of Mines.—(In the Name of the Mining Proprietors.)

Grey copper ore (FeSi 3), containing from 4 to 16 ounces of silver in the cwt. The grey copper ore is found united with lead ore in greater or less quantity, on which partly depends the quantity of silver contained in the smelted lead.

Lead ore; sulphur of lead, containing from 1 to 2 ounces of silver in the cwt.; by the admixture of grey copper ore, a larger quantity of silver is obtained. The mines of lead ore in Nassau are in general of old date, but many veins are yet to be tried, or to be opened to a greater depth. Carbonate of lead, the result of oxidation in the upper and middle parts of the veins, containing sulphur of lead. The quantity of silver in this carbonate of lead is not inconsiderable. The mines are near Oberlahnstein and Ema. Phosphates of lead, found in combination with carbonate of lead. Remarkable for its crystallisation. From the lead mines near Ema.

Copper ore, from Dillenberg, copper pyrites, containing 30 per cent. of copper. The copper of Nassau is of the best quality, but the quantity produced is at present not considerable. Engines for draining the deeper mines are about being erected. (Kupferindig), sulphur of copper (65 per cent.); found associated with copper pyrites. Ferruginous red oxide of copper with malachite (green carbonate of copper); the produce of oxidation in the upper part of the copper veins.

Zinc ore, sulphur of zinc. This ore fills part of the lead veins, and is used of late years for producing zinc metal only.

Manganese ore, pyrolusite (the greatest part) and palomelane, pseudomorph of manganese. District of Lahn. The mines of manganese ore in Nassau have been opened chiefly within the last 15 years, and yield a vast produce. The quantity raised every year is above 20,000 tons English, and is exported to all quarters of the world. 1,200 persons are employed in the mines, in the smelting works. The manganese ore is used for extracting chlorine in the manufacture of...
NASSAU.

Oda from common salt; for glazing in potteries; for whitening glass, &c.

Iron ore, red hematite, red oxide of iron. The red hematite is raised in numerous mines, in very great quantity; it yields iron of superior quality, in the high furnaces of Nassau, worked with charcoal. This iron ore is also exported to the coal districts of Germany and to France, for the purpose of improving iron. From 1,500,000 to 2,000,000 cwt. of iron ore are raised every year, of which the half is smelted in Nassau. Part of the iron ore contains calcareous, and is used in that state as the best admixture for smelting. Magnetic iron ore, oxidized iron. This ore is found united with red hematite. Hydrous oxide of iron, brown hematite—stilboferite. This ore is found in Nassau in great quantities; it is chiefly worked for exportation, and is used especially for producing hard steel-iron. Sphaleros iron, from Hachenburg. There are only a few mines of the same iron in Nassau, near the French country of Flegen; the ore, and the steel produced from it, are esteemed.

Bituminous coal; lignite—of wood-like character, covering a space of about 100 English square miles; used in Nassau and the neighbouring countries as the principal household fuel. For technical use the lignite is valuable. At present the yearly produce amounts to 1,500,000 cwt. but the quantity which can be raised is incalculable.

Slate. The mines of slate in Nassau near the Rhine and Lahn are of good quality.

Heavy spar, sulphates of beryll. Formerly not worked in great quantities, but now discoveries of rich veins promise a considerable produce. The heavy spar is used as the basis for many sorts of colours, in order to give them more body. White lead is very commonly adulterated with heavy spar. The heavy spar is also used in potteries for glazing, and mixing with clay.

Fuller's earth. In some parts of the country worked for a long period. Extensive deposits have been recently found in other districts.

Potter's clay, and coloured earth; Ochre. Nassau is very rich in potter's clay of the best quality; it is partly exported in a raw state under the name of Valence clay. The manufacture of earthenware in Nassau is susceptible of greater development; a great drawback hitherto having been the cost of fuel. These clays are manufactured into stone-ware crusts, pot, case, jug, and hydraulic pipes of great solidity. There are also some manufactures of Fayance and fine pottery ware, clay tobacco-pipes, and common earthenware.

Samples of stone-ware, to show its mass. This stone-ware is extremely cheap, and is exported in great quantities.

Iron. Samples of pig, cast, and bar-iron. Gray tender pig, or cast-iron, with specimens of slags and artificial plumbeago. White hard pig and cast-iron. Plates of cast-iron, direct from the high furnaces. Samples of cast-iron bars, 3 feet long and 1 inch square, broken by bending them in the middle to an inch from the straight direction. Samples of bar-iron from the puddling process, once refined. The bars rolled and bent in right angles, and perforated by hammer; all in cold temperature. Samples 2½ inches broad, and 1 inch thick, worked on edge with hammers of 1½ lbs. weight, without showing any cracks. Iron-bar, bent in right angle in warm temperature, the one and forged to show the new texture. Samples, bent till breaking. Iron axle (with box of cast-iron), bent in cold temperature.

Nickel metal, and compositions of it. The nickel metal is found in combination with sulphur, and mixed with iron and copper pyrites. The separation of the metal is now performed, not by smelting, but by solution in acids. Nickel metal, in cubes, as it is brought to market, 97.5 per cent. of nickel, 5 per cent. copper, 3 per cent. of iron, 1 per cent. refuse and loss. German silver, bar, polished on one side, (composition 8 cupper, 3 nickel, 5 zinc); and plate, polished on one side (composition, 8 cupper, 3 nickel, 6 zinc). Combination of arsenic, nickel, and copper with sulphur and a small portion of iron, the produce of the smelting process. In the mines 7,000 hands are occupied, and 3,000 more at the smelting works, or, in all, 9,000. The population existing immediately from the mining industry is, therefore, equal to 45,000, or the tenth part of the whole population of Nassau.

Specimens of clay tobacco-pipes: exhibited for the cheapness of produce, and to show the quality of the pipe-clay. Specimens of ochre and earth colours.

Specimens of marble. The marble of Nassau forms part of the transition rocks of that country. This marble of different tints—red, black, yellow, and grey—is worked in manufactories and single workshops in the country near Lahn. Monuments, columns, vaults, chimney-places, &c. are made of it.

2. LENZKIRCH, A., Wiesbaden, Main.—Samples of potter's clay. Articles manufactured of the clay. Column and vessels, to show the quality of the material, and the style of workmanship.

3. BÖRING, FRIEDRICH, Wiesbaden, Main.—Samples of ultra-marine, free from poison or any admixture of other colouring substances.

4. HACKER, T. A., Biebrich, Main.—Claironets and bassoons, of new and improved construction.

5. WINGRUBER BROTHERS, Hoehr.—Assortment of clay tobacco-pipes.

6. MÜLLERBACH & THERWALD, Hoehr.—Clay tobacco-pipes.

7. MONTAG, L. & C. Comb-maker, Wiesbaden, Main.—Basket of black Buffalo horn, inlaid with white Brazilian horn.

8. BIEBER, J. VAN, Wiesbaden, Artist.—Models of fruit, embossed in wax.

### GREECE

(Commission in London, P. BAILLIE, Esq., President, and P. D. SEYMOUR, Secr., 25 Fleet Street; Agent: Mr. C. J. MAES, 11 Millfield St.)

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
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<tbody>
<tr>
<td>1</td>
<td>Zephyras, Z. Gythium, Laconia—Valonia, the dried cups of the Quercus Ilyhis, used for tanning.</td>
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<tr>
<td>2</td>
<td>SOPHIANOS, A. Zea—Valonia.</td>
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<tr>
<td>3</td>
<td>MALANDRINO, A. Athens, Prod.—Madder root for dye.</td>
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<td>4</td>
<td>PHILLIPPOS, G. Euboea, Prod.—Madder root for dye.</td>
</tr>
<tr>
<td>5</td>
<td>PAPADOPOLUS, C. Tripolis, Arcadia—Kermes, used as a red dye, particularly for faxes (red caps); gathered in different parts of Greece.</td>
</tr>
<tr>
<td>6</td>
<td>LONDON, A. Patras, Prod.—Carrara, the stock of which was not slit.</td>
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<tr>
<td>7</td>
<td>INKANAS, N. Santorin, Prod.—Balsa, light coloured, dipped in hot water and dried. The same simply dried.</td>
</tr>
<tr>
<td>8</td>
<td>PIRRETTA, G. Messenia, Prod.—Five strings of figs.</td>
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<tr>
<td>9</td>
<td>AMANASOU, D. Lassithi, Prod.—Tobacco.</td>
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<tr>
<td>10</td>
<td>LAFAS, D. Livadia, Prod.—Sample of tobacco.</td>
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<tr>
<td>11</td>
<td>CACOULOS, J. Ligourio, Argolida, Prod.—Sample of tobacco.</td>
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<tr>
<td>12</td>
<td>PAVLIDIS, B. Gulf of Nauplia—Sponges.</td>
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<tr>
<td>13</td>
<td>TZEREBASCO, A. Athens, Prod.—A jar of honey from Mount Hymettus. Honey in the comb.</td>
</tr>
<tr>
<td>14</td>
<td>BISHOP OF EUBEA, Chios, Euboea, Prod.—A jar of honey of Chios, called rhododene.</td>
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**THE GREEK GOVERNMENT**

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<tbody>
<tr>
<td>15</td>
<td>Mile.—Two pieces of steatite or scapolithic (French chalk); used for taking out spots of oil, grease, &amp;c. from cloth, silk, and other fabrics.</td>
</tr>
<tr>
<td>16</td>
<td>Box of terra cinnabina (Cinnabite).</td>
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<tr>
<td>17</td>
<td>Box of iron ore, soft, and of a light-red colour, used as a pigment.</td>
</tr>
<tr>
<td>18</td>
<td>Three pieces of grinding-stone, or mill-stone. This stone is light and hard; being chiefly quartz.</td>
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<tr>
<td>19</td>
<td>Piece of native sulphur.</td>
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<tr>
<td>20</td>
<td>Box of emery; used in cutting, grinding, and polishing.</td>
</tr>
<tr>
<td>21</td>
<td>BOUDOUARI, B. Limni, Euboea, Prop.—Carbonate of magnesia; white, and pure; it contains 44 per cent. magnesia, 46 per cent. carbonic acid, &amp;c., is used for the manufacture of pure magnesia and Epsom salts; and in making bricks for furnaces.</td>
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<tr>
<td>22</td>
<td>Sestos. Specimens of pumolana. This material has the same properties as the Italian pumolana; it is much used for building aqueducts, &amp;c.</td>
</tr>
<tr>
<td>23</td>
<td>Thassos.—Meerscham (écorce de mer).</td>
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<tr>
<td>24</td>
<td>Messenia.—Piece of lithographic stone. Pieces are found as large as 6 ft. 6 in. cube.</td>
</tr>
<tr>
<td>25</td>
<td>MALAKATIS, J. Tinos, Prop.—Two pieces of marble; one white, one blackish.</td>
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<tr>
<td>26</td>
<td>Sciros.—Piece of white marble.</td>
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<tr>
<td>27</td>
<td>Sparta.—Piece of marble capable of receiving polish, and exhibiting a variety of colours.</td>
</tr>
<tr>
<td>28</td>
<td>Piece of marble with reddish sky-blue green spots.</td>
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<tr>
<td>29</td>
<td>AREOPAGIS.—Piece of grey marble from Cape Tenerus.</td>
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<tr>
<td>30</td>
<td>DEMOSTHENES, South Macedonia.—A piece of marble with grey spots, having the appearance of white clouds.</td>
</tr>
<tr>
<td>31</td>
<td>POTIS.—Piece of variegated marble; the ground is emusith, with well-marked yellow veins.</td>
</tr>
<tr>
<td>32</td>
<td>PYRIS.—One piece of greyish-coloured marble.</td>
</tr>
<tr>
<td>33</td>
<td>MYPHI.—One piece of white marble.</td>
</tr>
<tr>
<td>34</td>
<td>ST. JOHN.—One piece of marble brocida; a variegated marble, the principal colour of which is violet.</td>
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<tr>
<td>35</td>
<td>One piece of marble, white, with yellow almond spots.</td>
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<tr>
<td>36</td>
<td>ST. ELIAS.—One piece of greenish marble.</td>
</tr>
<tr>
<td>37</td>
<td>One piece of marble, with various shades of colour and veins.</td>
</tr>
<tr>
<td>38</td>
<td>CARYET.—One piece of Cipolino marble (Marmorum Caryetium Cipollinum), from the quarry which produced the marble for the columns of Antoninus and Faustina, in Rome.</td>
</tr>
<tr>
<td>39</td>
<td>SANTORI.—Three pieces of the marble called Rosso Antico, used by the ancients for sculpture and architecture.</td>
</tr>
<tr>
<td>40</td>
<td>Piece of white marble.</td>
</tr>
<tr>
<td>41</td>
<td>Two pieces of marble, called Lichnites by the ancient Greeks. This marble is transparent, white and fine-grained.</td>
</tr>
<tr>
<td>42</td>
<td>Specimen of flesh-coloured marble, Lichnites.</td>
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<tr>
<td>43</td>
<td>Crete.—One piece of marble, commonly called &quot;porfido serpentinite.&quot;</td>
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<tr>
<td>44</td>
<td>One piece of green marble, known under the name of &quot;porfido verde.&quot;</td>
</tr>
<tr>
<td>45</td>
<td>The PAPA of the MONASTERY, Pentelikon, Prop.—One piece of white marble of the kind used for the Parthenon and statues of old. Used also in modern building.</td>
</tr>
<tr>
<td>46</td>
<td>Piece of green porphyry; used in architecture.</td>
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<tr>
<td>47</td>
<td>Tripoli.—Piece of black marble.</td>
</tr>
<tr>
<td>48</td>
<td>The PAPA of the MONASTERY, Hymettus, Prop.—Piece of marble found near Athens in Mount Hymettus.</td>
</tr>
<tr>
<td>49</td>
<td>The GREEK GOVERNMENT, Patella (island).—Piece of marble alabaster.</td>
</tr>
<tr>
<td>50</td>
<td>BAILLIE, L. Piraeus of Athens, Manu.—Specimens of yellow and white silk.</td>
</tr>
<tr>
<td>51</td>
<td>PANTARONILOU, A. Calabria (Messenia).—Hank of silk, prepared according to the Italian method; the same, prepared according to the old method, used for fine woven silks; another, used for sewing and embroidery.</td>
</tr>
<tr>
<td>52</td>
<td>PIRRETTA, N. Sparta, Manu.—Hank of silk, prepared according to the Italian method.</td>
</tr>
<tr>
<td>53</td>
<td>CONSTANTINOS, Hydra, Manu.—Silk sashes, worn by the seamen of Greece.</td>
</tr>
<tr>
<td>54</td>
<td>The NUNS OF ST. CONSTANTINE, St. Constantine's Convent, Manu.—Silk musquito curtains. Silk handkerchiefs.</td>
</tr>
<tr>
<td>55</td>
<td>CALOTAS, P. Mykonos, Manu.—Leather, bullock hide.</td>
</tr>
<tr>
<td>56</td>
<td>BAILLIE &amp; REES, Athens, Manu.—Pallacri dress, embroidered in gold, and consisting of dou滥, of damask (upper jacket); pair of gaiters; pair of silk garters; sash, with gold tassel; silk sash; muslin; shirt; pair of trousers; and pair of morocco shoes.</td>
</tr>
<tr>
<td>57</td>
<td>COSMOS, G. Patras, Manu.—Liquorice juice.</td>
</tr>
<tr>
<td>58</td>
<td>JOSEPH, A. Crete, Manu.—Ladies' scarfs.</td>
</tr>
<tr>
<td>59</td>
<td>TRIANAPHTHOS, the Rev. Athens, Desig. and Artist.—The Cross, and the Anunciation of the Virgin. Both carved after the old Byzantine style.</td>
</tr>
<tr>
<td>60</td>
<td>VITALIUS, L. Athens.—Bas-relief of Pentelikon marble, representing a small portion of the frieze of the Parthenon, in half scale of the original.</td>
</tr>
<tr>
<td>61</td>
<td>VITALIUS, G. Athens.—Bas-relief of Parian marble, representing a small portion of the frieze of the Parthenon, in half scale of the original.</td>
</tr>
</tbody>
</table>
HAMBURG.

(Agent in London, M. Pfeifer, 14 Tavistock St.)

1. MAYER, T. W.—Specimens of manganese ore.
2. HILDEBRANDT, C. G.—Glass in writing-ink.
3. KRUSEN, H. B.—Samples of refined sugar.
4. WAGNER, J. C. L.—Samples of refined sugar.
5. FROES, O. C.—Oil-caskets.
7. CORBETT & LAURENTZEN.—Painted carriages.
8. FRIEDRICHSEN, K. A.—Blocks for ships.
9. BOUS, T. C. & Co., Cuxhaven.—A brig and barque, with drawings.
10. NIEBERG, J. L.—Constant magnetic pendulum clock; clock with half-second pendulum.
11. BAUMAN & HAINES.—Horizontal pianoforte.
13. BURKE, J. E.—Upright pianoforte (pianola).
15. DE ROY, P.—Pair of kettle-drums.
16. KORN, M. A.—A rose engine lathe.
17. PEPPER, D.—Samples of carved hair.
18. MAYER, D.—Varnished calf-skins.
19. KLASER, A.—Gentleman's riding saddle.
20. GIESER, E.—Chart on varnished linen cloth.

Varnished double elephant paper for drawing.
26. MILLER, C. A.—Four ledgers.
27. LANE, E.—Samples of corals; designs and plates for cloth-printing.
28. ANDER & BERGEB.—Table-cloth, printed on wool; piece of printed wooden furniture cloth.
29. DIESMANN & HARNOFF.—Pieces of printed and painted table-covers.
30. HINZ, F. L.—Coloured curtains.
31. MUNKERHIM & ALBERS.—Coloured curtains.
32. MUNKERHIM, J.—Coloured curtains.
33. WERNER, A.—Printed musoline-de-laine curtains, shawls, &c.
34. BET, E.—Ladies' robes embroidered.
35. SCHULZ, E. G.—Embroidery.
36. GIERKE, HEINZ.—Napkin, laced and worked.
37. GOMPertz, L.—Hair-embroidered pictures of the Queen and the Prince of Wales, and of the Hamburg Exchange.
39. CULM, T.—Three hats.
40. BALMER, C. F. G.—Gentlemen's and ladies' boots and shoes.
41. BARTER, J. N. C.—Gentlemen's and ladies' boots and shoes.
42. MAGDALEN, J.—Waterproof shooting boots, and gentleman's dressing boots.
43. KIPOL, A.—Jockey boots and gentlemen's dressing boots.
44. HERZEL, J. C.—Ladies' shoes.
45. KOPP & BOWEN, F. W.—Gentlemen's laced coats.
46. CORD, H. G.—Gentleman's cap, without seam, made of a new stuff.
47. BETT, W.—Set of garters and suspenders, for metal and wood.
48. BENTLY, W. A. F.—Circular saw.
49. BERGEN, W.—Engraved and engine-turned brass plates for bookbinders.
50. SCHULTZ, E.—Engraved music plates.
51. LEHMANN, J. J. A.—Brass parrot's cage.
52. SCHULZ, F. J.—Bird-cages.
53. SCHULTZ & SCHMIDT.—Tea comforts; coal vases, coal basket, and zinc bath.
54. RICHTER, J. M. S.—Brass parrot's cage.
55. KEMP, H. T.—Brass parrot and bird cages.
56. FLIESENHEIM, J. M.—Fuel box; tea comfort and kettle.
57. KORB, G.—Frames for daguerreotype.
58. BRUNING, C. D.—Writing stand.
59. HAHN, T. F.—Ebony sideboard.
60. ENGEL, H. W. M.—Sideboard of Jacaranda wood.
61. SEIDEL, J. F.—Sideboard of rosewood.
62. ADAMS, J. D.—Sideboard of rosewood.
63. GIESERLING, H.—Gentleman's and lady's arm-chair of rosewood.
64. PLANKEN, C. F. H.—Round foot-stools, with inlaid work.
65. RAMPSDALL, H. F. C.—Writing bureau, inlaid with hart's-horn and ivory work.
66. FAULWASSER, C. E.—Lady's ebony working-table; soft-table, with inlaid work; sundry boxes.
67. KÜSTER, J. H.—Sofa-table of rosewood, with inlaid work.
68. BET, E.—Tables with inlaid work.
69. LOUSE, C. L.—Round table, with inlaid work; lady's work-table, with inlaid work; sundry boxes, with inlaid work.
70. LOUSE, J. R.—Round table, sundry boxes, with inlaid work.
71. MÜLLER, W. O.—Rosewood tables, with inlaid work.
72. KOPFF, C. J. C.—Lady's writing-table, in rococo style.
73. HEYMANN, J. D.—Rosewood sofa and chairs.
74. WEINERT & PFEIFER.—Table with inlaid work; conversation sofa; arm-chair.
75. KOPFF, C. H.—Rocking chair; basket-work; and arm-chair.
76. MEYER, P.—Lady's rosewood work-table.
77. KELLER, N. F.—Rosewood sideboard, and four chairs.
78. JANZEN, J. C. F.—Pattern card of turner's work.
80. UMLAUFF, A.—Pattern card of combs.
81. MAYER, H. C. J.—Samples of sticks, whips, whalebone, and ivory work.
82. HAASE & HERZ.—Samples of sticks, whips, whalebone, and ivory work.
83. ASPEN, W. M. V.—Lady's velvet box.
84. WERKE, H.—Tobacco pipes of Turkey clay.
85. OISHARDT, F.—Artificial flowers, arranged in a frame.
86. LOWENTHAL & Co.—Doll's heads, in wax and papier-maché.
87. DOUGLAS, J. S.—Soap.
88. ENGELHARDT, F.—Statue of Richard Cœur de Leon, in bronze.
89. KLUPFF, H.—Marble figure of the Saviour, in relief.
90. SCHILLER, J.—Girl, with a bunch of grapes. Model of flora, plaster.
HAMBURGH. HANOVER. HOLLAND.

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99 ENSCHER, W. — Relief in plaster, illustrative of northern mythology; a series of designs. Model of the Luthe.
100 BONK, A. — Engraved glass goblet.
101 HAMPFEN, H. F. — Engraved ivory goblet.
102 BORSTELMA, A. — Coloured church window in miniature.
104 RÖHR, W. F. — Two coloured glass transparencies.
105 CORNELIS, L. — Transparent horn paintings.
107 KOENIG, F. J. —A daguerreotype painting, coloured.
108 SCHMIDT, W. — A sanguine.
109 MENZEL, Berin. — A green Oriental petticoat.
110 BADELLE, J. C. M. — Wood carvings.
111 ZUBER, J. — Carvings in ivory.
112 PRATE & BALLERIN, — Mahogany veneer, fifty-four plates to the inch.
113 THIEL, Julius. — A child's sofa.
114 CLAASS, W. F. — A fender for a stove.
115 BERNHARD, C. — A bird-cage.
116 SCHNEIDER, G. S. — Two bronze candelabra.
117 BÖHM, C. W. — Scrubbing-wheel.
118 MINDLMANN, C. L. — Specimens of bookbinding.
120 BÖSSO, A. — Painted window-blind.
121 KAHLER, A. — Lithographic writings.
122 SCHLOER, K. — Needlework.
123 FÖRSTER, J. C. — Needlework, carpet, and balls.
124 KREMER, W. C. — Five flags.
125 BERREDA, G. C. — A stove.
126 RABER, H. & Co. — Silk handkerchiefs.

HANOVER. (Agent in London, F. F. SPIELMANN, Esq. 14 Mark Lane.)

1 HERBST, — Limmer, near Hanover. — Specimens of asbestos stone and asbestos cloth; melted asbestos; asbestos prepared for roofs and pavements.
2 HEGSTRA, C. C. — Ink for typographic and lithographic printing, with specimens of soot and boiled oil.
3 TANNER, C. D. Hanover. — Brace of pistols, in case.
4 LOHMANN, W. A. Hanover. — Electro-magnetic apparatus, for telegraphs, on Morse's system, together with a subsidiary apparatus ("Belaas"), and a paper roller.
6 SCHULZ, D. — Bodelschlag, Luneburgh. — Various samples of linen; some of raw or unbleached linen, and some of linen yarn and flax.
7 WAGNER, C. A. Hanover. — A hat, with felt body, covered with plush; of cotton cloth, covered with plush; another hat, covered with felt. Made upon a new principle.
8 BERNSTROMP & BACHMANN, Hanover. — Pill bronze lustre, for sixty candles. Best in bronze of His Majesty the King of Hanover. Small bronze statue, the painter Helbels.
9 HERSING, C. Einbeck. — Specimen of paper-hanging.

HOLLAND.

Agent in London, F. G. CAMP, 21 Finsbury Square.

2 POHLMANN & VINKER, Schiedam, Mann. — White lead.
3 STRATTON & Co., Groningen, Mann. — White lead: white, soft, and pure.
4 MAAS, H. Dortsch, Jr., Amsterdam, Mann.—Hydraulic cement.
6 DE KERSPEL & Broers, Amsterdam, Mann.—Specimens of Dutch water-colours.
7 W. J. A. Ormsby, Mann.—Pearl barley, oats, dried starch, &c.
9 DE HAAN, A. Rotterdam, Mann.—Sample of rape-seed. Rape-oil.
10 DEET (VAN Dijk), LEENDERT, & Co., Woippy, Mann.—Patent chocolate powder.
11 BENDER, C. Veulo, Jr., Rotterdam, Mann.—Samples of starch. Starch, mixed with fine salt.
12 PRINS, C. C. Wormerveer, Mann.—Starch, known in Holland under the name of Uting's starch. Best Dutch starch.
13 HEYDELEB, J. W. DE WITTE, Rotterdam, Mann.—White and grey potato meal or farina. Potato gum. Saga, &c.
14 VOOGT (VAN), DREU, & Co., Zaandam, Mann.—Dutch wheat-flour.
15 VINKER, NOLET, & Co., Schiedam, Mann.—Potato-flour.
16 HEUVELDORP, H. Leewarden, Mann.—Specimens of chincoteague. Woolen manufactures.
17 VINKER, K. E. AMSTERDAM, Mann.—Yellow wax.
18 JERREMA, A. Dukkum, Inv.—Veterinary medicine for cattle, horses, and other animals.
19 TANNER, N. H. A. B. Hertogenbosch, Mann.—Preserved provisions.
20 SCHR, P. Utrecht, Mann.—Polychromate, or chromalum, a new dye. Animal charcoal.
21 ENSCHER, G. J. Zutphen, Mann.— Sole leather, from Buenos Ayres skins.
23 KOK, A. P. Apeldoorn, Mann.—Morocco leathers, "beaks" and "split." Calf-skins.
24 HOOG, JAN VAN DEN J. & Co., Rotterdam, Mann.—Java ratan and cane. Cleaned and prepared.
27 KEEFGEN (VAN), N. & Co. Katwyk, nr. Leyden, Inv. and Mann.—Rope, for ships' rigging; twisted in a concentric manner.
28 LAFERR, A. Gouda, Mann.—Curtain cord. Strong twine and cord for fishing purposes, drum-cord, and storage of Dutch shell hemp.
29 DRIES, H. J. Dordrecht, Mann.—Brooms and brushes.
30 CATTE & Co., F. S. Amsterdam, Mann.— Specimens of horse-hair (drawn) for fiddle-sticks and stuffing.
31 HEER, J. H. The Hague, Mann.—A cloak, maff, and ruffles, made from the feathers of the Cohoetous cristata. Maafi, made from the feathers of the marabou.
32 WAGNER, W. H. Amsterdam, Mann.—Utrecht velvet in different colours, for furniture and carriages.
HOLLAND.

24 ZAALBERG, J. C. & Son, Leyden, Mass.—Blankets for the markets of Holland, Belgium, Java, China, Japan, and France.

25 ZUURKROON, J. & Son, Leyden, Mass.—Blankets of fine quality, made from Dutch wool, of a fast colour.

26 WYCK (VAN), Brothers & Co., Leyden, Mass.—Woolen coverlets, knitted yarns, woollen blankets, &c.

27 HOOGEBOOM, J. J. & Son, Leyden, Mass.—Blankets of Dutch wool.

28 SCHELDEN, J. J. & Leyden, Mass.—Blankets of various thickness, made of Dutch wool.


30 KOPPERS, K. Beverwyk, Mass.—Turkey-red cloth, dyed with Dutch madder.

31 ALPHANS (VAN), G. Breda, Mass.—Carpets of cow-hair, speckled, red, and black; and green, black, and striped. Stair-case carpet.

32 ENSKAMP, E. Delft, Mass.—Carpets: Velvet, new Brussels, and under-table, or "crumb-cloths.

33 KREITZER, W. F. Director of the Royal Smyrna or Turkey Carpet, Mass. Deventer.—Carpets: Deventer carpet, woven in one piece.


35 VOORHIS (VAN DE), P. C. Bostel, Mass.—Damask table-cloth and napkins, lined, with the arms of Great Britain, on the Netherlands, of Kinds, Va.

36 GIFFEN (VAN), J. H. Bostel, Mass.—Napkins, table-cloth, and altar-cloth of fine damask, and of diaper linen.

37 GALLS, P. H. Kampen, Mass.—Table-cloth of fine damask, superfluous. Napkins of fine damask, superfine.


39 ENYEDOVEN (VAN), A. J. Erpe, near Zutphen, Prop.—Raw, Dutch, and other silks.

40 SWAAR, S. L. The Hague, Inv.—Flax, Dutch flax, and hemp. Cotton flax, &c.

41 KAISER, G. C. F. Amsterdam, Mass.—Chamois gloves.

42 BOOTECKERS & Son, Rotterdam, Makers.—Boots: Varnished boots, the leg without seam. A Chinese boot. Boot of vulcanized caoutouch.

43 PILGER, L. Amsterdam, Mass.—Two saucers.

44 LAPKERS, A. Gouda, Mass.—Twisted cotton ropes, made by hand, for a set of four horses, in the English national colours. Twisted balusters.

45 CAYZ (VAN), J. B. Gouda, Mass.—Yarn for fishing. Log lines and drum cords from Dutch hemp. Knitted ropes, from English cotton.

46 POER & WENDT, Gouda, Mass.—Whalebone whips and walking-canes.

47 OTTO, P. F. Amsterdam, Maker.—Embroidery, representing an incident of Milton’s youth.

48 COUCKE, C. Rotterdam, Mass.—Lady’s head-dress. Periwig of grey hair.

49 BOOTEKEN (VAN), H. Utrecht, Des.—Specimens of dyed silk, coloured with the newly-invented polychromy dye.

50 HONK, B. C. & F. Zwanse, Mass.—Fine parchment and double elephant paper.

51 HOFF & SON, Zwanse, near Amsterdam, Mass.—Fine parchment, double elephant, large square folio, and other papers.

52 GELDEN (VAN) & Son, Wormerveer, Mass.—Paper for sugar refineries, white inside and purple outside.

53 GINNERS, T. M. Boersmon, Mass.—Iron fire-safes.

54 MARTIN, B. C. Zeyer, near Utrecht, Mass.—Queen’s ware stove.


56 GRAANEN, H. C. Rotterdam, Mass.—Patent kitchen-stoves, and two hearts, &c.

57 HESSELTEN, W. P. Gorssel, near Zutphen, Prop.—A seedlip and a cradle.

58 LANDEROUS, J. Noordwold, near Dokkum, Maker.—Basket of willow or osier twigs, painted with Frieslandish green, &c.

59 DRAVEN, D. Deventer, Mass.—Porous pots of earthenware, used in galvanic apparatus.

60 LINDERS (VAN DIE), A. Rotterdam, Mass.—Cigars made of Dutch and East Indian tobacco.

61 BRANDON, N. D. Amsterdam, Mass.—Stearine candles and tapers. Lime soap. Stearic acid.

62 PERKELERT, J. Maastricht, Mass.—Marseilles, Limburg, Japan, odoriferous and other soaps.

63 SOKDERMAYER, J. E. Rotterdam, Des.—Ground or earth-bower.

64 STAM, F. Beemebroek, near Haarlem, Inv. and Maker.—Liquid manure-machine, with arrangements to spread the manure.


66 VAN VLIETEN, VAN HEEZ, & DORENS CAI & Co. Amsterdam, Makers.—Sugar-cane mill, of improved construction.

67 ENSHOETEN, C. L. at The Hague, Inv. and Mass.—An iron crane, for weighing and lifting.

68 GOOSSENS, G. Artiller at the Royal Manufactory of Percussion Caps, Delft, Inv.—A machine for the manufacture of percussion caps, and loading apparatus.

69 FETTER & PATERN, Amsterdam, near Haarlem. Founders.—Cast bells for a chime, weighing about 1,500 kilograms, or 5,500 lbs. with a suspending apparatus.

70 KLEINER & SONS, Haarlem, Mass.—Printing types, Jevanese character. Stereotype plates.

71 NERING, BOER, & Co. Deventer, Mass.—Cast-iron fighting-rolling, for calendering wool-velvet.

72 SOKERS, G. Moorzoon, near Utrecht, Inv. and Mass.—A moveable or double-acting safety-axle for carriages.

73 BOSCH, C. G. Amsterdam, Inv. and Mass.—A case containing copper less oxidizable than ordinary copper, for shipping and other purposes.

74 BECKER, A. The Hague, Inv. and Mass.—Regulator for clocks, a simplified astronomical clock, with some new arrangements.

75 UHLMANN, K. W. Zvolle, Inv.—An equatorial sundial.
LUBECK.

(Agent in London, M. Fischers, 14 Tavistock St.)

1. Plattner, Conrad, Mann.—Oil-cakes.
2. Carstens, Daniel Heindrich, Mann.—Preserved vegetables, poultry, fish, fruits, and milk.
3. Berckes, Johann Christian, Mann.—Skin of genuine black morocco leather. Specimen of gins.
4. Beckmann, Johann, J. C. Mann.—Lamb's skin dressed with the wool.
5. Fischer, Carl August, Mann.—Guze; double-barrelled rifle, with case; fowling-piece; and rifle.
6. Lunas, Benjamin Hinrich, Mann.—Cottage pianoforte.
7. Bruns, Georg Hinrich, Mann.—Japanned calf and sheep skin. Feaks of leather, and embossed pasteboard polished and ornamented.
9. Stoelle, Friedrich Carl, F. Mann.—Patterns of embroidery commenced, with the silk, wool, pearls, &c., necessary for its completion; on perforated card-board, and on cotton canvas and silk canvas. A firescreen embroidered on cotton canvas.
11. Broyer, Friedrich, Mann.—A lady's work-box, decorated with embroidery, velvet, and bronze.

MEXICO.


MECKLENBURGH.

(Agent in London, M. Pliehke, 14 Tavistock St.)

1. Stolzenberg, J. Gemoyen.—Apparatus for distillation.
2. Schmidt, J. Gustrow.—Three guns.

NEW GRANADA.

A bag of cocoa. Various emeralds.

Grons, H. 12 Coleman St. London, Imp. Taploes and nutmegs: introduced into the island by Mr. Kennedy, in 1837.
OLDENBURGH. PERSIA. PORTUGAL AND MADEIRA.

GROWTH, B. A bag of cocoa (Theobroma cacao), known in commerce as Canocos cacao; consumed chiefly in Spain and South America.

HAZLEHURST, G. E., Bogotá, Imp. A specimen of emerald, the property of the exhibitor, from the mine of Muzo in New Granada.

HAEZ, E. Bogotá, Prod.—Specimens of emeralds, from the mine of Muzo in the republic of New Granada.

BOURRE, SIR T.—Specimens of rough emeralds.

OLDENBURGH.

(Agent in London, M. F. B. Neale, 25, Great Tew St.)

1. KASSEL, T. H. Oldenburg.—A model of Heidelberg Castle, carved in corkwood, in exact proportion to its size on the scale of 1:12.

2. BAUMLAND, A. London.—An assortment of manufactured goods.

3. SMITH, C. Oldenburg.—Faux thread span by the yard.

PERSIA.


ARMBRUST, H. Woburn Pl. Russell Sq. Three silk and gold embroidered scarfs. Two scarfs (all silk). Two dresses for ladies, in silk and cotton. A dress for a gentleman, in silk and cotton. A silk and gold embroidered cushion. Four silk and gold bags for ladies. Three silk and gold slippers for ladies. Two silk and gold slippers for gentlemen. Three silk and gold caps for gentlemen. A caftan (head-dress or turban). A silk girdle. Embroidered purses and sashes. Ornaments of various kinds, such as seals, rings, etc. of Jerusalem manufacture.


EDEN, P. & Bow.—Four Persian pansies: 1. Agis, an old king of Persia, having no male issue, and an only daughter, is represented buying a neighbouring chief named Yassaf, to marry him to his daughter Zulka, thereby retaining the throne in his own family.

2. The old king Agis making a feast to his intended son-in-law, who stands on one side while the women dance.

3. The old king’s daughter Zulka in her bower.

4. Yassaf becomes king by his marriage, and is represented at dinner with his courtiers.

WATSON, Bell & Co. 35 Old Bond St.—Three Persian carpets.

COPPERLAND, Ald. M.P.—A carpet, 34 feet by 9 feet 6 inches.

EDWORTHY, J. Esq.—A table cover.

MAIN, C. T. Esq. 31 Billiter St. London.—Two Persian rugs, and a sabra.

PORTUGAL AND MADEIRA.

(Delegate in London, Antonio Valdez, Esq.)

GOMEZ, J. 402 Dry figs.

CORREIA, Bairro. 3 Common salt.

CAMPOS, M. J. S. 634 Set of scissors.

VILLA REAL. 415 Preserved plums. 415 Preserved figs. 414 Preserved peaches. 415 Preserved pears. 416 Preserved apricots.

431—437 Preserved peaches.

CASTELAR, F. 433 Preserved figs. 433 Marmelade. 434 Quince marmelade. 435 Preserved plums. 436 Preserved pears. 438 Preserved plums. 431 Two earthenware boiling pots.

TABAÓCO & Co. Lisbon. 1171—1189 Impalpable snuff. 1184 Cut tobacco leaves. 1190, 1192, 1206, 1308, 1309 Small cigars. 1311 Cigarettes. 1197 and 1207 Cigars. 1203 and 1305 Large cigars.

1797—1309 Broad white lace.

RODRIGUES, J. P. 300 Samples of ropes.

BAYLST, J. 1017—3018 Cast-iron vases. 1015 Cast-iron bench. 1019 Specimen of cast-iron.

RANGREZ, A. F. 1130 Wine cask.

BAARS, F. 1089 Earthen olive jars.

SILVA, DE M. 1014 Samples of shot.


FUSÇREDO, J. 246, 248, 252, and 257 Marble slabs.

BOMMETT, C. Alemtego. 256 Marble slabs (60 specimens).

1—135 Specimens of minerals. 275—285 Porcelain stone.

PALMERA, de Döit. 560 Hemp tree.

CASTILLO, I. 1208 Curing in wood: Prince Henry ordering Gonsalvez, Zara, and Tristan. Vas, the discoverer of new countries in 1418.

PEDROSA, R. 113 Lithographic stone: Window in the Church of the Convent of Christ, in Thomar.

1155 1157 Bell ropes.

TORRES, Contreras. 112 Lithographic stone.

CARRALO, M. L. 1218 Wax candles. 1218 Painted candles. 1234 1221 Wax baskets.

1444 1505 Umbrellas. 1137 1143 Ladies parasols.

MARRIHA, M. 1169 1171 Lace stockings.


PINTO, F. 1044 1046 Engraved window glass.

GODINHO, M. N. 1252 Pen drawing.

LLOBRE, J. 1254 Drawing on a lithographic stone.

WELLSBOROUGH, A. 599 Ship biscuits.

PALMERA, de Döit. 531, 538 Hemp. 114 Lithographic stone.
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<tr>
<th>Item</th>
<th>Number</th>
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<tr>
<td>BOMAS, T. S.—1168 Thread tree.</td>
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<tr>
<td>NAVAL ARSENAL.—1196, 1637 Capitals of a column carven in wood.</td>
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<tr>
<td>VITORIA, M. J.—1199 Wood carving : St. Francis.</td>
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<td>1234 Ivory carving: Prometheus. 1395 Jesus Christ crucifed.</td>
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<td>TOLEDO, Count. — 1267 Letter paper. 1268 Note paper. 1269 White and red blotting paper.</td>
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<tr>
<td>NUNS OF COMENDA.—417 Different sorts of preserved fruits.</td>
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<tr>
<td>SOAP CONTACT ON LISBON.—1158 1164 Different qualities of soap.</td>
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<td>ROYAL NAVAL DOCKYARD.—1235. Arms of Portugal.</td>
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<td>MOLANIPPER, M. —1236. Ivory chain.</td>
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<tr>
<td>383, 384, 385 Transparent marbles. 599, 599, 599, 903, 904 Bags.</td>
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<tr>
<td>BORELLE, V.—1159 Artificial passion flowers. 1151</td>
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<tr>
<td>Artificial camellia. 1235—1236 White lace. 1236—1239 Broad white sc.</td>
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<tr>
<td>MADEIRA, F. A.—1265—1278 White lace.</td>
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<tr>
<td>HENSEL BROSHER. 52, 53 Carbonate of soda. 508 Oxalate of copper. 77 Chloride of lime. 26 Muriatic acid. 30 Nitric acid. 64 Sulphate of iron.</td>
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<tr>
<td>BOA, Viscount Fount. 378 Large Windsor pens. 441 Olives. 305 Wheat. 313, 316, 337 Soft wheat. 518 Mustard seed.</td>
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<tr>
<td>LOGROJIELLO &amp; Co. 504 Tartaric acid. 87 Brown tartrate. 50 Sulphate of soda. 61 Nitrate of borax. 72 Nitrate of lead. 35 Tartrate of potash. 92 Nitrate of streontia. 67 Sulphate of zinc. 75 Acetate of potash. 49 Raffin nitre. 70 Oxide of zinc. 51 Carbonate of soda.</td>
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<tr>
<td>ROYAL NAVAL ARM.——1136 Fire bucket. 1119 Invalid chair. 593 Eec-wood from Go.</td>
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<tr>
<td>LEAL, F. M. C. 66 Sulphate of copper. 67 Ammoniac sulphate of copper. 32 Tartrate of potash. 78 Carbonate of lead. 78 Red oxide of mercury. 74 Zodur of potash. 501 Citric acid. 503 Tartaric acid. 497 Volatile oil of lavender. 456 Oil of romanin. 499 Oil of genievre. 500 Oil of lemon. 31 Carbonate of potash. 515 Alcohol. 65 Sulphate of iron. 79 Corrosive sublimate.</td>
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<tr>
<td>BATALHA, F. 496 Palm oil. 503 Giant wheat. 540 Raw cotton.</td>
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<tr>
<td>NOBRETHO, P. F. 517 Capsules of copaliba. 357 Eya flour.</td>
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<tr>
<td>ALERET. 454 Starch. 530 Wheat flour. 405 Dry plums. 541 Manioca.</td>
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<tr>
<td>HOLMECH, 454 Thistle. 543 Tapioca.</td>
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<tr>
<td>SILVEIRA, CEAR DE 437 Preserved oranges. 409 Raisins. 518 Sumach.</td>
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<tr>
<td>MACARONI. 530, 532—537 Italian paste.</td>
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<tr>
<td>AGUARDE. 302, 320 Soft wheat. 397 Hard wheat. 399 Barley.</td>
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<tr>
<td>ALBURQUE, A. T. 358 Barley. 258 Oats.</td>
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<tr>
<td>EVORA, 369 Rice in shell.</td>
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<tr>
<td>SILVA, 349 Yellow maise.</td>
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<tr>
<td>ALVARES, COSTA. 349 White maise.</td>
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<tr>
<td>SOARES, C. V. 360 Yellow kidney beans.</td>
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<tr>
<td>SILVA, J. DA. 370 White kidney beans.</td>
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<tr>
<td>CANAVAS, A. F. 359, 367 White kidney beans.</td>
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<tr>
<td>SOARES, V. C. 368 Zebra kidney beans. 364</td>
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<tr>
<td>White kidney beans. 363, 367 Zebra kidney beans. 365</td>
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<tr>
<td>VAS, J. P. 406 Dry plums.</td>
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<tr>
<td>ANGOLA. 444 Coffee.</td>
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<td>MADEIRA. 448 Coffee.</td>
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<td>397 Walnuts.</td>
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<tr>
<td>BERTO. M. F. 393 Almonds.</td>
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<tr>
<td>MOLANIQUE. 446 Coffee.</td>
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<tr>
<td>CAFE VERDE. 450 Coffee.</td>
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<tr>
<td>EVORA. 453 Starch.</td>
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<tr>
<td>GOMES, J. L. 403 Dry figs.</td>
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<tr>
<td>PEIXOTO, J. C. 628 Glue.</td>
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<td>BASTO, J. T. 629 Animal charcoal.</td>
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<tr>
<td>559 Raw cotton. 354 Sweet almonds. 596 Honey.</td>
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<tr>
<td>MEDRAS. H. F. 410 Dry peaches.</td>
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<tr>
<td>CIVALINO, M. L. 624 Bee's wax.</td>
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<tr>
<td>BASTO, J. P. 630 Animal charcoal.</td>
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<tr>
<td>NOBRETHO, P. F. 629, 636 Galatina.</td>
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<tr>
<td>FERREIRA, A. J. 76 Tartrate of potash and soda.</td>
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<tr>
<td>35 Raw white tartrate. 35 Raw red tartrate.</td>
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<tr>
<td>ST. URES. 45 Common salt.</td>
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<tr>
<td>CORENA, Baron. 44 Salt.</td>
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<tr>
<td>VAS, A. F. 396 Walnuts.</td>
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<tr>
<td>LOROON. 443 Black olives. 458 Sugar. 588 Raw cotton. 321 Italian pasta.</td>
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<tr>
<td>NOBRETHO, M. 71 Carbonate of lead.</td>
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<tr>
<td>GARTLAND &amp; CO. 40 Grey tartar. 39 Cream of tartar. 41 Brown tartrate.</td>
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<tr>
<td>FERREIRA, M. B. 510 Samach.</td>
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<tr>
<td>404 Dry peaches.</td>
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<tr>
<td>LOULÉ, Marquis. 401 Cyperus esculentus. 571</td>
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<tr>
<td>CRATOQUS ARBORE.</td>
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<tr>
<td>551 Sumach. 519 Pounded sumach. 455 White almonds. 439 Chocolate almonds. 459 Pitch tar.</td>
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<tr>
<td>NUNS OF SANTAREM. 436 Preserved citron. 597 Honey.</td>
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<td>MATTOS, J. P. DE. 593, 594 Honey.</td>
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<tr>
<td>FAIR AND WILD. 118, 117 Hydraulic clay. 118 Hydraulic volcanic</td>
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<td>skorias.</td>
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<tr>
<td>SERRELO &amp; CO. 91 Emetic tartar. 80 Vermillion. 618. White wax.</td>
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<tr>
<td>BERTO, M. F. 622, 623 Bee's wax. 545, 550, 551 Tooth-picks.</td>
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<td>495 Purqueria oil.</td>
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<td>MACKEDO. 465 Olive oil.</td>
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<tr>
<td>SILVA ALMENDA. 474 Olive oil.</td>
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<td>487 Better almond oil.</td>
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<td>FONTO, Borze. 478 Olive oil.</td>
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<tr>
<td>LINHARES, Count. 483 Olive oil.</td>
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<tr>
<td>ST. URES. 46 Common salt, in lumps.</td>
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<tr>
<td>MAIOR, Rio. 284 Flint.</td>
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<tr>
<td>DA SILVA. 546, 548 Tooth-picks. 549 Tooth-picks, two points. 547 Tooth-picks, ornamented.</td>
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<tr>
<td>BERTO, M. F. 590 White wax.</td>
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<tr>
<td>443 Guinea pepper. 55 Brown lime.</td>
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</table>
PORTUGAL AND MADEIRA.


LOUREIRO. — 718, 719 White tallow skein. 677 Brown linens.


DOPIS. — 858—855 Waistcoat, wool and cotton. 860—863 Fancy woollen and cotton checks. 856—859 Waistcoat pieces, wool, cotton, and silk.


GEORGE, J. J. — 978 Damask carriage hangings. 969 Fancy silk caps. 970 Silk hose or jacket.

MELLO, C. & BROTHERS. — 885 Striped Cashmere cloth.

CORTEJO, J. F. — 808 Blanket. 1125a White sheepskin. 1125a Yellow sheepskin.

FIALHO, D. C. — 1124 Steer skin. 1124, 1124a, 1125a Morocco leather.

SOUSA, G. R. — 1113, 1114 Mats (straw).

PEREIRA, G. E. — 1115 Straw mats.

FULCHER, K. — 1116 Chest of drawers. 1117 Wardrobe.

1294 Gift round table and slab. THE KING OF PORTUGAL. — 1257 Writing desk in wood and ivory.

586, 587 Rush.


LAMBERT BROTHERS. — 792 Blue woolen cloth. 790 Brown woolen cloth. 798 Coarse woolen cloth. 791 Coarse woolen cloth, brown. 787 Fine cloth, olive green. 789 Grey mixture, fine cloth. 788 Black woolen cloth. 794 Fine black Cashmere. 795—797 Striped Cashmere.

PORTUGAL AND MADEIRA.

576 Orange. 573 White acacia. 577 Box-tree. 571 Cherry. 581 Wild olive. 587 Ash from Alentejo. 581 Olive. 582 Pine. 583 Cherry. 588 Poplar. 570 Oak. 585 Oak from Alentejo. 590 Tallow wood from Angola. 586 Cork-trees from Alentejo. 591 Teak-tree from Goa. 588 Cotton-trees from Bisgo Islands. 582, 583 Pine from the royal forest of Leiria. 588 Wild mahogany from Bisgo Islands.

Fragata, C. A. — 1128a Wine pig-skin. 1128b Leather wine-bottle.

Brets, T. M. — 1129 Sole-leather. 1129a, 1129b Sheepskin.

Fialho, D. C. — 1130 Sole-leather.

Bello, J. G. — 1131 Goat’s skin. 1131a Calf-skin.

Silva, C. F. da. — 1132a Calf-skin.

Monteiro, M. B. jun. — 1132a Calf-skin.

Barreto, F. T. — 1133a Calf-skin.

Colelha Brothers. — 799 Common dark-blue cloth.

805 Brown mixture. 800 Blue cloth. 802 Common brown woollen cloth. 796 Dark-brown woollen cloth. 801 Green woollen cloth.

Dufour, — 851, 859 Ponchoes. 856 Sash-belts, cotton. 833 Narrow belts. 882 Wide belts.

Lafourte, — 838—839 Printed woolen shawls.

814, 844 Ponchoes. 831—832 Woolen plaits. 845—850 Woollen caps.


Pinto & Co. — 771—774 Printed cotton shawls.

Rocha, F. C. — 983 French black silk hat. 980 Boys’ white felt cap.

Botelho, — 976 Silk hat. 979 Beaver hat. 975 Silk hat.

Hermes, — 986 Beaver hat. 985 White hat.


Motters & Way. — 748—755 Printed cotton handkerchiefs.

1833 Oil-skin table cover.

Rosenza, V. — 1133 Japan rose tree, artificial.

1118 Mahogany bedside.

Bones, C. — 1288 Marble basket.

Royal Military Arsenal. — 836 An old musket, with gold and steel ornaments. 857 Musket of a curious construction. 688 Improved percussion musket. 689 A musket with covered locks. 640 Musket for percussion or flint. 835 Blunderbuss or carbine.


Porto, J. M. L. — 905—906 Silk tissue in gold and silver.

852 A key.

Hackett, J. — 1090 Cast-iron hammer.

645 A brass screw.


Terres, Novas & Co. — 665 Fancy brown ducks.

688 Linen bed tick.

Figueiredo, J. J. — 1131 Saddle.

Campos, Meirel & Brothers. — 804 Woollen cloth.


Lima, M. E. — 1151 Sealing wax.

Gimbarut, L. — 1165 Fancy thread work.

514 Part of cork tree.

Gentao, J. — 1230—1231 Carvings in mahogany.

Loures, A. G. — 720 Cotton reels. 647 Card. 603 Dark wool.

Palmeira, Duke of. — 804 Twisted silk.

Garca, J. C. — 811—815 Twisted silk.

Gimbarut, L. — 1167 Fine thread.

Barbosa, F. — 1164 Kid gloves.

Barreto, F. T. — 816 Twisted silk.


Berto, P. — 455—457 Loaf sugar. 638 Decimal scales.

198—151 Prints (Views of Portugal).


Mendes, Batalha, & Co. — 727—754 Prints for garments.

Rio, Vizela, & Co. — 725 West.

Pereira, J. G. — 713, 714 Cotton shawls.


Pohlcarpo, A. — 635 Surgeon’s instrument box.

639 Agricultural instruments.

Lombard Company. — 564—700 Fancy cotton drills.

701, 708 Scotch plated. 705, 704 Grey calico. 705 Bed and sofa tick. 706 Bed tick. 721, 724 West. 723 Twist. 725 Blue and white tambour skirn. 798 Fine tambour skirn.

Ferreirat, T. M. — 929 Check velvets for waistcoats. 929 Black velvets for waistcoats. 927 Black satin. 935 Gros de Naples, with black embroidered gros de Naples. 956 White watered silk.

Martin, R. J. — 919 Black satin velvet. 940, 942 Fancy shot silk. 941 Shot silk. 939 Gros Gidier.

967 Fancy satin handkerchiefs.

Carreira, D. F. — 926 Black satin. 927, 928 Gros de Naples, striped and shot. 943, 944 Shot silk. 945 Shot silk, with satin lines. 946 Black gros de Naples, with satin lines. 958 Black silk cravats. 950, 951 Fancy silk handkerchiefs. 963 Gentlemen’s figured handkerchiefs.

George, M. J. — 930 Fancy green satin dress. 938 Blue tie and gold damask.

928 Light-blue satin dress. 932 Fancy embroidered satin for waistcoats.

Moura, J. J. — 918 Black satin velvet.

946 Strong black silk.

Bareira, J. — 948, 950 Fancy silk dresses.

George, M. J. — 953 Self-coloured silk for waistcoats.

Moura, M. C. — 956 Black silk figured shawls.

Cavaco, B. F. — 937 Gros de Naples, striped and shot.

Silva, J. J. da. — 955 Black and blue silk shawls.

966, 967 Yellow and red damask.

George, M. J. — 965 Figured damask. 931 Scotch plaid in velvet.

Ferreirat. — 924 Striped velvet. 951, 952 Blue corded silk for waistcoats.

George, M. P. — 971 Ribbons for military orders.

968 Gentlemen’s black and white silk stockings.

George, M. J. — 963 Shot cord silk cravats.

Bareira, J. — 959 Satin neckerchiefs.

Ramos, C. A. — 954 Patterns of different silks.

Moura, J. F. — 1259 Panorama of Lisbon.


Alvito, M. J. — 1083—1084 Different patterns of cut glass.
MADEIRA.  ROME.

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PINTO & SOUSA.—1021 A diamond enamelled brooch.

MANSER, B. G.—1022 A set of amethyst, in gold filigree work.

FRANCA, A. DE.—1022a—1022b Silver snuff-box.
Small gold chain. One gold filigree.

An improved rudder for a ship. Two pen-and-ink drawings. An artificial orange tree. A box of samples of lead ore.

MADEIRA.

Specimen of the Productions and Manufactures of Madeira and Western Islands.

Mineral Kingdom.

2. Lignite—Madeira (Liginita).
3. Lime-stone—Porto Santo (Pedra de cal).
4. Stalactite carbonates of lime—Porto Santo (Carbonato de cal em forma de stalactitas).
5. Drip-stone of the island of Terceira.

Sent over by Mr. John Read, the British Consul at Terceira.

Vegetable Kingdom.

5. Wheat (Trijo)—(Portuguese).
6. Rape (Centeio).
7. Barley (Oesae).
7A. Maize (Milho).
8. Beans (Feijao).
10. Castor-oil seed (Rumaca).
11. Dry currants (Presas de ceriseiro).
12. Coffee (Cafe).
13. Tea (Chai).
14A. Coriander longa (Coriandrum).
15. Sugar and sugar-cane (Assucar, e cana de assucar).
15A. Branches of dates (Branco de tamaris).
17. Flax (Linha).
19. Thread of nios (Fio de pita).
20. Thread and rope of mallows (Fio e corda de malvas).
21. Specimens of all the woods of Madeira (Asseveras de todos os madeiras da Ilha).

21A. Catalogue of plants medicinal and, &c., in Madeira, by R. T. Lowe.

21B. Collection of the ferns of Madeira.

Animal Kingdom.

22. Wax.
23. Honey.
25. Raw silk (Seda).
26. Silk-worm cocoons (Oozado de seda).
27. Tallow, and tallow candles (Sob, e velas de soba).
27A. Wool (Laf).
28. Cochineal (Fechena).

Manufactures.

29. Linen cloth (Pano de linha).
30. Linen napkins (Guarnimentos de linha).
31. Linen lace (Renda de linha).
32. Net shawl (Cheia de malas de renda).
33. Shawl and other crocheted works (Cheia e obras de crucedes).
34. Broom wicker-work (Obras de ayya de giesta).
35. Straw plait (Traves de palha).

36. Artificial feather flowers (Flora de penas).
37. Works in hair (Obras de cabelo).
39. A book, as a specimen of printing (Exemplar de impresion).
40. Picture frame, made of Madeira til-wood, carved with grapes and vine leaves.

FERRAS, H. & SIEFFES, MANO.—

FRUIT:—Wax copies of flowers, of the greater part of the fruits produced on the island, &c.

1-5. Anona—Custard apple (Anona maraviga).
6. Custard apple (Anona chirimota).
7. 11. Rome—Pomegranate (Punica granatum).
15. 17. Maçã de Santa Anna—Apple.
18. 20. Pêra d’Oco—Sweet pear.
25. 29. Maçã baral—Apple (Pybus malus).
30. 31. Maçã, cara de ama—Apple (Pybus malus).
32. Pêra, pino d’ouro—Apple.
33. 35. Fera flamenca—Peach (Pybus communis).
36. 37. Fera Gabela—Peach (Pybus communis).
46. Pêcego de Porto do Sol—Peach (Amygdalus persica).
47. 48. Pêcego de Calheta—Peach.
49. Figo Banana—Banana (Musa paradisiaca).
50. 53. Goíaba—Goíaba (Passiflora foetida).
53. Fera flamenca—Peach (Pybus communis).
54. 55. Amêndoa—Plums (Prunus domestica).
56. 57. Pêcego calvo—Nectarine (Amygdalus persica).
58. Laranja—Orange (Citrus aurantium).
59. Laranja d’Ambo—Orange (Citrus aurantium).
60. Laranja tangerina—Mandarin orange (Citrus nobilis).
61. 63. Muruçu—Orange (Passiflora quadrangularis).
64. Manga—Mango (Mangifera indica).
65. 69. Tabalho—Prickly pear (Opuntia tuna).
70. Canastilha—Chestnut (Castanea vescosa).
71. Pimentão—Capsicum (Capsicum).
73. Jabu—Rose apple (Eugenia jambo).
73. Bebera—Black fig (Ficus lutea).
74. Figo de Figueira (Ficus carica).
75. Maçã vermelha—Apple (Pybus malus).
76. Noz—Walnut (Juglans regia).
77. Limão—Lemon.
78. Limão cidra—Citron (Citrus).
79. Cidra—Cider (Citrus).

ROME.

(Signor Carlo Terr, Commissioner for Roman Government. J. & R. McCracken, 7 Old Jewry, Agents in London.)

1. Blanchester, Count Blanch.—Samples of earth: Silicious quartz, with which, by means of a chemical process, vitrification is obtained for making bottles.

2. Pasquale, Domentino. Rinaldi.—Samples of asphalts, natural and manufactured.

3. Swedler, Fredeklein.—Four blocks of natural alum.

4. Blanchester, Count.—Samples of the product of tow of the Bolognese hemp. Samples of several woods.

RUSSIA.

(Commissioner in London, M. Gabriel de Kamensk, 34 Norland Square, Notting-hill.)

1 IMPERIAL ALEXANDROVSK MANUFACTORY, near St. Petersburg.—Steepled flex and tow from Pskoff, Melemhoff, Velikosek, Poltisk.

2 IMPERIAL ALEXANDROVSK CANNON FOUNDRY. Olenets.—Iron ore. Limestone. Cast iron for heavy guns.

3 IMPERIAL ARTILLERY WORKS, Zlatoust.—Specimens of cast steel.

4 IMPERIAL BARNAULSK WORKS, Alatalak, Siberia.—Silver ores from various mines. Limestone. Lake salt. Fire-brick. Slags, and the different products in the process of refining the above-named ores. Fine silver.

5 IMPERIAL CAST IRON WORK OF KOUZNECK, Perm.—Pig iron.

6 IMPERIAL COPPER WORKS OF PERM, Per.—Geological specimens of the rocks of the Permian system of Sir Rodershaw Murchison.—Marly sandstone. Marl clay. Specimens of iron, steel, copper, tin, and malachite. Decomposed dolomite. Copper in lodes; various and sheets. Narinsk quartz, white refractory clay and fire bricks, materials used for the furnaces in the smelting of copper ores.

7 IMPERIAL GORHLAGODAISK IRON WORKS, Perm.—Magnetic iron ore from Blagodatsk mine, and other iron ores. Limestone, used as a flux in smelting iron ores.

8 IMPERIAL KAMENSK IRON WORKS, Perm, district of Ekaterinburg.—Melnikov and other ores (brown clay-ironstones). Limestone. Silica. Quicklime. Slags, and cast-iron.

9 IMPERIAL KOUZNECK IRON WORKS, Perm, district of Zlatoust.—Firestone, fire-brick, brown iron-stones, and other geological specimens. Fibrous iron. Large-grained wrought iron.

10 IMPERIAL IRON WORKS OF NIZHE-TOUZER.—Besseet iron.

11 IMPERIAL IRON WORKS OF VERKHNY-BARANTUSSK. Rolled iron of different forms and dimensions.

12 IMPERIAL IRON WORKS OF VERKHNY-BARSANTUSSK. Pig iron.

13 IMPERIAL IRON WORKS OF VOTKINSK, Viatka.—Puddling and fettling iron.

14 IMPERIAL MANUFACTORY OF FIRE-ARMS OF ZLATAOU S, Orenbourg, district of Zlatoust.—Raw, forged, blister, damasc, and cast steel.

15 IMPERIAL MINING WORKS IN POLAND.—Various geological specimens.

16 IMPERIAL NIZHE-ISSKIR WORKS, Perm.—Scrap iron, and boiler plate-iron.

17 IMPERIAL SATKINSK IRON WORKS, Zlatoust.—Wrought and soft cast-iron, from blast furnaces, and geological specimens.

18 IMPERIAL WORKS, Tomsk, district of Altalak.—Samples of cast and Damasc steel.

19 IRON WORKS OF KHMOUNTIN (Pokomareff, Madama, Propriestessse), Viatka, district of Slobozak.—Charcoal-iron, sheet, oxidised, and boiler plate-iron.

20 IMPERIAL BUKOLOVSK COPPER WORKS, Perm.—Native copper, from Michael Archangel mine, and copper ores. Fine and coarse ore, with copper pyrites, impregnated with quartz, from Michael Archangel mine. Reniform malachite, with bituminous and other ores.

21; 120 DEMIDOFF, Messrs. Nijne-Tagilsk, Siberia, Props.—Specimens of rocks, found in suriferous and in platina sands. One piece of native gold, Pine-tree wood. Charcoal.


23 PASSOFF, A. Orenbourg, district of Sterlitamatsk, Prop.—Copper in ingots.

24 PASSOFF, M. Orenbourg, district of Sterlitamatsk, Prop.—Copper in ingots, in cakes, and in sheets.

25 JAKOVIFFE, Madame Catherina, Blaster, estate of Grishino, Prop.—Samples of steel.
RUSSIA.

26 Hirsland & Kjøvet, Warsaw, Man.—Chemical products.
28 Samlin, —, Kaluga, Man.—Sugar of lead. Chemial.
29 Benkendorf, A. Korsak, Man.—Prussate of potash.
31 ; 101 Karlovitz, —, Jaroslav, Prop.—Flax, prepared after the Flemish method. Rape seed.
32 Kochersky, Count, near St. Petersburg, estate of Logov, Prop.—Wheat and other agricultural produce.
33 Leschke, —, (Peasant), Simbirsk, Prop.—Wheat.
35 Klepaky, —, Krasov, district of Kouvivas, Prop.—Spring wheat (called "armonkhu").
37 Consacks of the Akov Sea, territory of the Don Consacks, Prop.—Fine-cereal spring wheat (called "bologorka")., in sheaves and in grain. Black-cereal spring wheat (called "bologorka")., in sheaves and in grain.
38 Mariand, —, (Peasant), Korotov, estate of Karbinroth, Prop.—Wheat (called "bolotka").
39 Baugher, —, near the town of Kertch, Prop.—Hard wheat (called "armonte").
40 Matveyev, —, Orel, district of Elets, Prop.—Prepared buckwheat.
40a Bench, Baron, Courland, estate of Molsen, estate of Patsen, Prop.—Pearl barley.
41 School of Horticulture, Rassabria.—Indian wheats.
42 Slavensky, —, Ekaterinoslav, district of Rostov, Prop.—Hard wheat (called "armonte").
43 Terekoff, —, Warsaw, district of Gostinsk, estate of Khodove, Prop.—Wheat (called "sandmanir").
44 Wielok, Count Matthew, Pons, estate of Zemiansk, Prop.—Corn, Wielok, and thistle moss.
45 N. K. Kirschen, district of Zemiansk.—Swedish and Himalayan barley.
49a Roff, Baron, Courland, estate of Bixen, Prop.—Pearl barley.
49b Rezk, A. Courland, Prop.—Pearl barley.
49c Ratzinski, —, Smolensk, Prop.—Smolensky grits.
50 Vladimirska, (Peasant), Novgorod, Prop.—Grits of mitske rye.
51 Zhukovsk, Beck & Ivanovsk, Beck-Olins, of Shamka, village of Moltschaki, Prop.—Chalkit. Chalkit grits.
52 Silyanoff, —, Pons, estate of Koutchouk-Portch, Prop.—Oats.
53 Hurke-Hilde-Keilhau, Olins, Shamka, Prop.—Dry silk: crimson, black, green, yellow, and blue.
54 Volokovsk, Prince, M. Jaroslav, district of Mogol, Prop.—Oats.
54 Oukhovsk, —, Novgorod, district of Tikhovsk, estate of Panex, Prop.—Oats.
55 Sapozhni, A. E. St. Petersburg, district of Shkalsburg, estate of Kiriak, Prop.—Spring rye.
56 Bhovsk, Count A. Toms, district of Bogodok, estate of Mikhalevsk, Prop.—Winter rye.
57 Khalik-Sapozhni, Erivan, district of Shapot, village of Baschukm, Prop.—Rice. Rice grits. Native Rice (called "chlitik"). Chalkit grits.
58 Agricultural Society of the Caucasus, Erivan. —Rice.
59 Pouranoff, —, Kourak, district of Stehgirov, estate of Nikitak, Prop.—Millet and black millet.
60 Ezhovsk, —, Saratov, district of Kamishinsk, Prop.—Wheat (called "koubakska"). and millet.
61 Gouriev, Prince Letatov, Cossack, district of Ozersk, Prop.—Cossack millet (called "gomi").
62 Mahovsk, —, (Peasant), Jaroslav, district of Rostov, estate of Ugolino, Prop.—Green peas.
63 Khokhlovsk & Gorkovsk, (Peasants), Jaroslav, Prop.—Green peas.
64 Golovanoff, (Peasant), Olenet, district of Poudอาหาร, estate of Tschekow, Prop.—White flour.
65 Mayra, —, Olenet, district of Vitsegor, Merchant.—Polish manda. Fine wheat flour.
66 Rovnain, —, Oril, district of Elets, Merchant—Fine wheat flour.
67 Povolzsk, Brothers, Saratov, Merchants.—Wheat flour.
68 Nivit, —, town of Smolensk, Confectioner.—Dry preserved fruit.
69 Sobolt, Catherine, Jaroslav, near the town Rostov, Prop.—Starch-gum.
70 Voronovsk, Prince V. Tammoff, district of Skatik, Prop.—Wheat.
71 Rotterman, C. Reval, Man.—Wheat—starch.
72 Yegorovsk, —, Novgorod, estate of Mariano, Prop.—Potato-starch.
73 Cardov, M. Krisoa, district of Schokalowska, village of Amat, Prop.—Seeds of the castor-oil plant (Ricinus communis). Lacoste seeds. Sesame seeds.
74 Heeze of Terekoff, Warsaw, district of Gostinsk estate of Streitz, Prop.—Turnip-seed.
75 Mustang, A. Tills, district of Bertscha, Prop.—Turkish tobacco.
76 Spoliansky, A. E. St. Petersburg, Man.—Tobacco, cigars, and snuff.
77 Doopolk, —, Shamka, district of Loskov, Prop.—Maryland and Havannah tobacco.
78 Sapegovsk, Princess Mary, borough of Shepatovka, Volgyn, district of Sosav, Prop.—Whisky.
79 Hirsland, Hirslandoff & Kavitz, Lublin, district of Sedletz, estate of Sokolovo, Sugar Refiners. Refined sugar; raw sugar.
80 Eiji, J. (Peasant), Vologda, estate of Napolos.—Portable soup.
81 Mandanoff & Armakoons, Shamka, Farmers of the Salyan Fishery.—Isinglass. Cartilage of fish (called viszata).
RUSSIA.

131. ABRAMOV, J. Khaterinskoye, district of Rostov, Prod.—Fine unwashed Cashmere goat's-hair.
132. COMACK WOOLS, Orenburg.—Goat's hair, bleached and grey.
133; 200 TONS OF THE BASKET.—Cleaned grey and yellow camel's hair.
134. KOSLISOK & MOCHLIKOV (Passants), Volgoda.—Bristles; ditto (ochaka).
135. SHEKNOF & FALKENBY BROTHERS, Kologra, Mashra.—Bristles; ditto (ochaka).
136. ZOTOTROPEFF, J. Kologra, Mashra.—Bristles; ditto (ochaka).
137. LUTZOV, Moscow, Prod.—Samples of coccoons, and different sorts of silk.
138. KISS, Tsaritsa, district of Molotovskoye, Prod.—Raw silk.
139. RASNOFF, A. Stavropol, district of Platovskoye, Prod.—Raw silk.
140. RAyk, N., Odessa, Prod.—Raw silks and cocoons, white and yellow.
141. VIOLINOFF, Voronez, district of Zadonsk, Prod.—Raw silk of different colours. Organza.
142. RASNOFF, A. Stavropol, Prod.—Coccoons, raw silks, and organza.
143. PREPOT, A. Moscow, Merchant.—Down of the first quality.
145. RASNOFF, A. Stavropol, district of Alexandroff.—Persian powder for destroying insects.
146. IMPERIAL MINING WORKS OF POLAND.—Iron work used in gun-carriges. Rails, on the plan of Mr. Vignoles. Iron screw, with brass nut.
147 & 155 IMPERIAL MANUFACTORY, near St. Petersburg.—Machines for trying the strength of sail-cloth, cotton twist, and cotton thread. A Jacquard loom.
148. GOFF, H. St. Petersburg, Inv.—Silk-throwing machine.
149. MESTCHEFF, A. Government of Kief, Inv.—Patent machine for cutting fillets.
150. HARE, D. Warsaw, Copper merchant.—A vacuum pan for the evaporation of sugar syrup.
151. IMPERIAL MANUFACTORY, Mahs. Najil Taghilek-Siberia, Prod.—A table for washing gold sand.
152. IMPERIAL COACH-MAKING ESTABLISHMENT, St. Petersburg.—A frame for wheels without fallows. An oak wheel-riar.
154. IMPERIAL CAST-IRON WORKS OF KOSHEVY.-Shot.
155. IMPERIAL IRON WORKS OF KARAISHEFF.—Sheila, grenades, and bombs.
156. IMPERIAL ARM-IRON WORKS, government of Perm.—Grenades.
157. ISMAI.-ABDOOL-KOEH-I-OUll, government of Shemakha, district of Lagitch.—Gun and pistol barrels.
158. IMPERIAL MANUFACTORY OF ARMS OF ZLATOUST, district of Zlatoust.—Sabres and lances. Broad swords. Soldier's dagger and ciphers.
159. KEMPPF, M., Fort of Temir-Khan-Shoori, North Dagestan.—Caucasian sabre (called shakha).
160. OOST-CATCHY-OOST-ALL-BOCK-OUll, Geliznial, Shemakha, district of Nookh.—Caucasian sabre (called shakha).
161. BAZALAY, M., village of Casanitch North, Dagestan.—Four Caucasian daggers.
162. OOSTER-SALIM-MOULLA-NOORES-OUll, Gmigali, Shemakha, district of Nookh.—A Caucasian dagger.
RUSSIA.


167 Imperial Antike Werke, district of Zlatoust. — Cast-steel scythe.

168 Imperial Kaisersburg Engine Factory, government of Perm. — Mechanical tools.


170 Pick, J. Warsaw, Mass. — Microscope, with two eye-pieces, three sets of achromatic object-glasses. A level, with two achromatic telescopes. A quadrangular magnifying glass.

171 Rudolf, H. Warsaw, Mass. — A small violin, the upper part made of fir; the sides, back, and handle of plane wood, with a bow.

172 Lichtental, M. St. Petersburg, Mass. — Imperial pianoforte; cottage ditto.


176 Panteleyev, M. Moscow, district of Bogorodsk. Prop. — Cotton velvets, of different colours.

177 191, 193, 202 Bohemian, J. Moscow, estate of Perovo, Mass. — Printed muslin dresses, of different colours.


179 Charsky Cotton Factory, Moscow, district of Dmitrovsk. — Chintz of different colours; and for furniture.


181 Stompy, F. Warsaw, town of Tomaseff, Mass. — Green and black cloth.


183 Catsal-Skyle, Tiflis, district of Djarobolocan, Prod. — Caucasian cloth (called tchask). —

184 Luchin, P. Tarnegoloff, district of Sourjak, colony of Novi Mezirich, Merchant and Manuf. — Cloth of different colours.

185 Zakhritz, W. Grouda, town of Suprelat, Mass. — Cloth of different colours; doeskin.

186 Tsarkit-Oedouk Ogla, Tiflis, district of Djarobolozan, Prod. — Cloth for Caucasian trousers. Leathen cloth.

187 Tiebetitovoff, near Moscow, Mass. — Black satin samarose, made of wool from the flocks of the Count Nesselrode.


190 Voloker, Moscow, Mass. — A variety of French merinos, Cashmeres, mousseline de laies, and satin de laies.


192 Nakhimoff, O. Shemakha, town of Shusha, Prod. — Woolen socks for men; ditto for women.

193 Ocaster, A. Shemakha, N. Shusha. Embroiderer. — Embroidered cushions of red and blue cloth.

194 Fyodor, C. Moscow, estate of Poushkin, Mass. — Woolen damask.

195 Noganse Targan, Prod. — Camel's hair-cloth.

196 Ousebop, — Orenburg, district of Bouguerou-Ian, Prop. — Cloth made of camel's hair.

197 Ousebop, Orenburg, Mass. — Spun goat's hair.

198 Tchaik, A. Moscow, Mass. — Spun camel's hair.

199 Ahtsia, T. Shemakha, town of Shemakha, Mass. — Taffeta, 54 yards; ditto, 7 yards.

200 & 202 Smurf Brothers, Moscow, Mass. — Silver gilt fringe, braidings, and wire thread. Samples of brocade.

201 Holovitz, C. Moscow, Mass. — Patterns of brocade.


204 Tschu-Beck, M. Cz. Moscow, Mass. — Gros de Naples giasc, and checked; gros-gros moire (watered silk), and satin.


209 Butsok, Madame, Kalouga, district of Medinsk, Prod. — Sail-cloth.


211 Belkin, P. Kalouga, Mass. — Sailcloth.

212 Zoroff Brothers, Kalouga, district of Kotsel, Mass. — Sail-cloth.

213 Kovovens, Countess, Kharkoff, district of Ah- tiruk, Prod. — Lines.

214 Juliasen, Anna (pension woman), Abo, Finland, Prod. — Linen.

215 Von Menken, M. Kostruma, district of Kas- shemak, Prop. — Table-cloths; napkins; towelling; breakfast-table-cloths.

216 Kasalef, A. St. Petersburg, Mass. — Cordage.

217 Korskov, J. & Sons, St. Petersburg, Mass. — Hides, half-tanned.

218 Different Merchants & Pescant, Nijal Novgorod, Prod. — Sheep-skins.


221 Oxeroff, T. Koursak, district of Belgorod, village of Besenvoyka, Prop. — Black leather, glazed for bridles, and thin, for carriages. Black Russia leather, glazed goat-skins, and tanned in white calf-skins.


223 Different Peasants, Ekaterinoslaff, Prod. — Lamb-skins.
RUSSIA.

281. Shouvaloff & Son, Moscow, Mass.—Varnished leather.
290. Shouvaloff & Son, Moscow, Mass. Ladies' waterproof boots and cloaks.
293. Ismu-Beck, Shemakha, district of Lenkoran. Leopard, tiger, and pelican skins.
299. Dada, B., Shousha, Shemakha, Man.—Caucasian saddle-tree.
300. Agadjad, D., Shousha, Shemakha, Man.—A Caucasan hat.
301. Artvin-Carani, town of Shousha, Prod.—A saddle-bag.
304. Raph-Nica-Olgi, Shousha, Prod.—A saddle packing-bag (called cadiira).
305. Bootec, C., Shousha, Manu.—Circassian stirrups for common use.
306. Gambuzomoff, Axion, Shemakha, Manu.—Caucasian steel stirrups, inlaid with gold.
307. Pette, A., Odesa, Inv. and Maker.—Wigs made by a new method.
308. Ivanoff, P., St. Petersburg, Manu.—Plumes of horse and other hair; ditto, in a raw state. Horse-tails, bleached, unbleached, and crimson-dyed. Black buffalo-tails.
309. Verganov Brothers, St. Petersburg, Manu.—Paper hangings; copying paper; medium; white post; and writing paper.
310. Solenikoff, Vladimir, district of Pokrovok, estate of Serghievka, Manu.—Writing paper. Post blue and white paper.
313. Barb-Iam-Versel-Olgi, town of Shousha.—A felted carpet.
314. Barovskov, T., St. Petersburg, Manu.—Articles of furniture, and utensils, made of felt and hares's fur.
315. Lavaskee, Nino-N. Novgorod, Prop.—Mats.
316. Ivonov (Petition), Kostroma, district of Vedvokal, Starovo, Prod.—Check mats.
317. Schubert, P., perm, district of Ekaterinburg, Prop.—Maps made from the bark of the aspen-tree.
318. Hadji-Aga-Baba, Shemakha, town of Shousha, Embroiderer.—Blue woollen table-cloth, embroidered with silk.
319. Lapos, P., Moscow, Manu.—Printed shawl, and silk gloves. Figured tulle.
320. Fetter, C., St. Petersburg, Manu.—Folding hat; silk ditto.
321. Lott, G., Warsaw, Manu.—Bonnets of Italian and Belgian straw.
322. Beno-Riveta, Warsaw, Manu.—Gloves of Russian kid, for ladies and gentlemen.
324. Shlikas, A., Novgorod, Novgorod, Merchant.—Velvet boots, embroidered with gold and silver, and in leather, and other articles. Silk and tinsel belts.
325. Shlikas, A., Votvok, Manu.—Boots, caps, and other articles embroidered with horse-skins.
326. Keralay-Noose-Hoish-Olgi, Tisitas, district of Djarabal, Manu.—Caucasian felted cloak of the Lequis.
327. N. N., Akbasia.—Caucasian felted cloak (called howra).
329. A Coxack's Wife, Orenburg, Manu.—Shawl of white goat's hair.
330. Laduinv, Madame, Tambos, Prop.—Articles made of goose-down.—A pillow-case; Turkish pattern. White woven muff, with borders. White neckerchief.
331. Albertzein, S., town of Shemakha, Manu.—Caucasian galloon collars. Gallon of three qualities.
333. Letter-clip.
334. Lavleyn, Madame Catherine, Grishino, Riasan, Prop.—Articles of hardware. Knives, &c.
335. Krumbiegel, —, Moscow, Manu.—Two gilt bronze candelabras.
336. Imperial Mining Works, Poland.—Kitchen utensils, enamelled, and made of zinc.
337. Buch., —, St. Petersburg, Manu.—Samples of metal buttons.
339. Pette, C., Moscow, Manu.—Plated tea-urns.
340. Ralivy, Madame, Kalouga, district of Mosalet, Miliatino, Prop.—Glass.
341. Moussin P. Novgorod, district of Krestek, Prop.—Window glass.
342. Kolesnikoff, —, St. Petersburg, Prop.—Window glass.
343. Amenon & Son, Government of Livonia, near Dorpat, Manu.—A looking-glass.
RUSSIA. SARDINIA.

RUSSIA.

297. GAMES, — St. Petersburg, Cabinet-maker.—Cabinet in tulip wood, ornamented with bronze and porcelain.

298. IMPERIAL POLISHING MANUFACTORY, Peterhof, near St. Petersburg.—A table inlaid with various stones in Florentine mosaic, on a bronze gilt pillar.

299. MILLER, G. jun., St. Petersburg, Pat. and Manuf.—Coloured inlaid floors of various designs.

300. BEREZK, — St. Petersburg, Manuf.—Cocoa-nut and olive oil soap.

305. MATHEWS, & Co, St. Petersburg, Manuf.—Stearine in lamps, and stearine candles.

306. ALSTON, — government of Viborg-Finland, parish of Kaskimé, Manuf.—Stearine candles.

307. PETRUSHEVICH, — Odessa, Manuf.—Stearine candles.

308. MACAULAY & JONES, Moscow, Manuf.—Stearine candles, and cakes of stearine. Lamp of soda soap, prepared from olive.

309. SAPKELKIN, V. Moscow, estate of Vladimirov, Manuf.—Wax candles. Wedding candles.

310. PORTNOFF, Sopha, Titia, Embroiderer.—Velvet cushions, embroidered with lamp mats. Caucasian shoes, for men and women.

311. LEVIN, — St. Petersburg, Manuf.—Clogs, in India-rubber, for ladies and gentlemen. Waterproof morocco pillow.

312. BASSHAGIAN (peasant), Archangel, Prod.—White felt boots.

313. STANYKOFF, — Nijne-Novgorod, district of Semenovo, Prod.—Felt shoes for ladies.

314. DUFAY & FEURLIN, Nijne-Novgorod, Prod.—Felt shoes and boots, of white and brown colours; felt boots and shoes for men and women.

315. TRUSIAPOFF, T. Rjev, Manuf.—Specimens of carmine and lake.

316. VOLOSSOFF, M., Rjev, Manuf.—Carmine.

317. VOLOSSOFF, A. St. Petersburg, Manuf.—Samples of carmine; mixtures of carmine; carmine lake, and lake.

318. IMPERIAL OIL & CHROMATE MANUFACTORY, St. Petersburg.—Vases, ornamented with paintings. Slabs for tables.

319. LOOKOTT & SOK, estate of Daulkhoff, Moscow, Manuf.—Snuff and cigar boxes. Other boxes.

320. PLESOVSKY, M., Tobolsk, Siberia, Manuf.—Boxes of birch bark.

321. STANYKOFF, W. St. Petersburg, Manuf.—Specimens of a patented gold tissue.

322. BOLZ, C. St. Petersburg, Jeweller.—Table, with glass-case, to exhibit jewellery.

323. DEMIDOFF, Masn. Nijne-Taghilsk-Siberia, Prod.—Copper vases.

324. LEIBACHOFF, P. St. Petersburg, Manuf.—Gold-plated and silver-plated enamelled. Silver shoulder-knots.

325. IMPERIAL POLISHING MANUFACTORY OF KOLYVAN, government of Tomsk.—Jasper vases.

326. COUNT TOLSTOV, T. Vice-President of the Imperial Academy of Fine Arts, St. Petersburg, Sculp.—Electrotype and plastic medallions and casts. Medals in gutta-percha, commemorative of the Turkish and Persian wars.

327. HIRK, D. Warsaw, Manuf.—Copy of the Warwick vases in copper, hammered, not cast.

328. BLOTHOFF, M. St. Petersburg, inv.—Hair dye.

SARDINIA.

(Royal Commissioner in London, CHEVALIER LESCIA, 124 Mount Street, Grosvenor Square, Manuf. LARTET & SIMON, Finchchurche Street, Agents.)

1. GRAZIOSI, F. Randena, nr. Aiguelbele (Savoy), Manuf.—Specimens of spathic iron from the mines of St. Georges des Hurlactes, and of white crystallizedcast for the manufacture of steel.

2. ZOELS, S. Chiavari. Slate table polished and varnished; polished writing slate; roofing slates.

3. PIACENZI, D. Chiavari. Rough slate fourteen decimetres (5 ft. 6 in.) square.

4. SKEPISI BROTHERS, Turin and Bologna (Ivydri), Manuf. Specimens of sulphur, nitric, and hydrochloric acids. Sulphate of iron, copper, alumina, and potassi. Pyrites, sulphur, &c.

5. GIBADA BROTHERS, Turin, Prop. Specimens of coalesced, castor, linseed, and walnut oil.

6. ROSAI & SCHIAPARELLI, Turin, Manuf.—Stearine candles; soap made of oleic acid; steareic acid; sulphate and carbonate of magnesia.


9. GABBINAZI, F. Toltano, Genoa. Samples of orange wine.


11. CALLIOU, F. Annecy, Manuf.—Various chemicals.

12. BONJIAZ, J. Chambery, Manuf.—Chemicals and apparatus.

13. DUPPION, L. Genoa, Manuf.—Samples of sulphate and citrate of quina.

14. PROFUSIO, J. Genoa, Manuf.—Specimens of white lead.

15. SIMONE MANCO, Le CHEVALIER, Cassarri, Prop.—Olive oil, of two kinds.

16. SCOTTO, B. Turin, Manuf.—Gelatine capsules, filled with balsam of copaiba.

17. PALLENCINI BROTHERS, Villabiscossi (Lomella) Prop.—Specimens of rice cultivated in Piedmont.

18. BLONDZEL GISIOCO, & Co. Turin, Prop.—Specimens of various qualities of rice.

19. BO, A. Turin, Manuf.—Specimens of mineral colours, lakes and inks.


21. BAN BROTHERS, Pignerol, Prop.—Specimens of washed Merino wool.

22. CALDI, J. Genoa.—Linseed oil and cakes.

23. GUISO, M. Nuoro, Prop.—Specimens of pure wax and white wax candles. Honey, soft and hard.


25. SERRAGLIA BROTHERS, Bosa, Prop.—Specimens of raw and thrown silk.


27. CARDIA, & SOMA, Novi, Prop.—Specimens of raw white silk.

28. VERTU BROTHERS, Turin, Manuf.—Specimens of white thrown silk.


32. Becca, J. Turin, Manu.—Two violins, after ancient models.


34. Answy & Pont, Manu.—Calicoes; handkerchiefs, Indian style; sarcenet percaline.

35. Bay Brothers, Turin, Manu.—Woollen cloth for carpets.

36. The Divisional Committee of Nuoro.—Coarse woollen cloth for petticoats, spencers, stockings, and breeches; black.

37. Ferrum, L. A la Rocca, Mondovi, Prop.—Specimen of thrown silk.


39. Castiglione, J. and Co. Turin and Genoa, Mass.—Plain and coloured velvets. Figured satins; silk gros; gros de Paris; glassed silk gros; and flowered damask.

40. Soley, B. Turin, Manu.—Specimens of silk of different colours; white and coloured taffetas.

41. Goullet, J. & Co. Turin and Genoa, Mass.—Silk plush for hats; piece of velvet, lace drawing; velvet for tapestry; a set of foulards for robes.

42. Goullet, J. & Co. Genoa.—Silk velvets—black, green, blue, crimson, green, red, blue, green, &c.

43. Molinari, A. Genoa.—Black silk-velvet pieces, antique style; silk velvet, silk damask, satin stuff, &c., for furniture and hangings.

44. Deffay Brothers, Genoa.—Fourteen patterns of silk stuffs and velvets.

45. Bourdon, J. Chiaveri.—Two linen towels.

46. Dufky Brothers, Turin.—Samples of leather for soles and thong.

47. Fabbrini, A. Turin.—Punches for small type; a set of punches for Roman, English, and German types.


49. Teresa, F. Genoa.—Embroidered cambric handkerchiefs; ladies' black-lace mantles; patterns of lace.

50. Caucino Brothers, Genoa.—Embroidered cambric handkerchiefs; frame embroidery; woollen worsted.

51. Formo, J. Turin.—Evening dress; gowns's dress.

52. Gallina, J. B. Turin.—Boots, for postilions; boots made of leather prepared with the hair on; and calf's leather, without seams, &c.

53. Manzetti, L. Engraver, Turin.—Specimen of an engraved copper-plate.

54. Boreto, F. Turin.—A small gun—a iron door mounted on mechanical pivots.


56. Barba, J. Turin.—Lock for coffers, with pierced mounting, and a key of only one piece.

57. Montefiori, C. Turin.—Silver plate with the portrait of the Queen of Sardinia, &c.; portraits of Victor Emmanuel II., King of Sardinia, chased on a silver plate, &c.

58. Zolino, J. Genoa.—Works in silver filigree. Column ornamented with emblems intended to celebrate the era of the great Exhibition of 1851.

59. Beramati, J. Genoa.—Figure, with a pedastal, of Christopher Columbus, in silver filigree.

60. Landy, N. Turin.—Dies for stamping Dorin, a kind of gold money worn by the peasant women in Piedmont.

61. Bertrandt, F. Turin.—Specimens of veneering and inlaid work.


63. Martinozzi. J. Turin.—Large wood frame, carved and gilt, for a looking-glass or picture.

64. Capello, G. Turin.—Cornice in pear-wood, carved. A table, a carved chair, and a pedastal; the property of H.M. the King of Sardinia. Mahogany round table on a tripod, the base, with carved figures and masks; the upper part made of white wood, covered with velvet and fringed. The property of His Royal Highness the Duke of Genoa. A cabinet door, inlaid with various foreign and indigenous woods.

65. Griva, M. Turin.—A rosewood article of furniture, forming a desk, a toilet, and a work-table for ladies.

66. Ferretti, A. Turin.—A table-sofa, in rosewood and mahogany, carved and ornamented with Chinese marquetry.

67. Coulierro, B. Turin.—Two light chairs (rostiles), made of indigenous woods.

68. Claudio, J. Nice.—An oblong drawing-room table in olive-wood, with mosaic.

69. Buco Brothers, Genoa.—Round table, inlaid.

70. Magni, F. Genoa.—Round table, with inlaid drawers.

71. Speck, F. Genoa.—Ebony table, in the Renaissance style. A Prie-dieu stool of Indian walnut-tree, in a similar style.


73. DA PIERO, J. B. and Montecucco, A. Genoa.—Console table, carved and gilt, with a marble slab.

74. Campea, J. B. Chiaveri.—Chairs of white wood; others, coloured yellow. Gothic chair of black and white wood.

75. Bourgeois, B. Turin, Manu.—Specimen of blacking.

76. Castagneto, E. Genoa.—White cream of tartar.

77. Fino, J. Turin.—Specimens of various kinds of brushes.

78. Montu, J. & Co. Turin.—Specimens of Pliomontese heath springs, for the manufacture of brushes; heath brushes for various purposes.


80. Strasler, J. Turin.—A set of tobacco-pipes and porte-cigare in white, carved and ornamented.

81. Valdettaro, J. Genoa.—Fifty qualities of fine and superfine paste or vermicelli.

82. Romani, G. Genoa.—Boxes, containing candied fruits.

83. Conra, F. Turin.—An ink (Crona scon), from the Zoological Museum of Turin.

84. Acquabone, J. B. Porto Maurizio.—Liquid citric acid.

85. Borgio, A. Turin.—The arms of the Royal House of Savoy, carved in wood.

86. Sibert, W. Turin, Prop.—Two large silk embroidery tableaux.

87. Cavallaro, C. Turin.—Bronze medals cast with a tenfold proportion of pewter.

88. Spana, J. & Co. Turin, Manu.—Specimens of artificial marble, prepared with granite and wood.

89. Chielio & Min, Turin.—A large volume, containing the history of Hautecombe Abbey.

90. Bondelli, F. Nice.—An obelisk covered with shells and other articles found on the sea-shore.

91. Parenti, J. Nice.—Study, in stucco, for a fountain.

92. Frumento, J. B. Genoa.—Marble statues, representing a Bacchante.
SCHLESWIG-HOLSTEIN.

(Agent in London, M. FRANZEN, 14 Tavistock St.)
1. DIERNIS, G. Kiel.—Fire-buckets, fire-engine, hose, &c.
2. HOLZAPFEL, C. Altona.—Fringes for curtains.
3. LAMB, H. Altona.—Hair-work.
4. MEYER, A. D. Altona.—Four tin jelly-moulds.

SOCIETY ISLANDS.

HER MAJESTY FOWARD, QUEEN OF THE SOCIETY ISLANDS.—
1. Right fine mats, manufactured by women of the Society Islands. The tissue is formed of the leaves of the Ficus, a variety of the Ficus edentatae of Linnaeus.
2. Five hea-deers (coronets), and eighteen pieces of tissue for ladies' bonnets. These are also made by women. The material used is the plant commonly known in these islands by the name of pia, arrow-root by the English; Taccas psammosifida (?) by botanists.
3. Three pieces of white cloth, manufactured by the women of the Society and neighboring islands. In this manufacture they employ the bark of the young branches of the Arroz of Linnæus, commonly called the bread-fruit tree, and known to the inhabitants by the name of maron.
4. A hina or Indian vase, in which are kept the utensils which the Tahitians use during their repasts. The material used is of a remarkable tenacity.

SPAIN.

(Agent in London, RAMON DE LA SAGRA, 34 Leicester Sq.; MANUEL DE YZAN, 5 Water Lane, Tower St. City; F. VILLAMUEVA, 10 Golden Sq.)
4. GUIASSARA.—Silver ore from Hiedalsencina. 5. The Inspector of Mines of the District of GUADALAJARA.—Ten specimens of minerals, from the Guadalupe, including iron, galena, blende, lignite, &c.
6. The Director of the Mines of LINARES.—1. Sulphur of lead, from the Arroyanes mine. 2. Lead after the first smelting from the above ore.
7. FRAM, F. Alava, Prod.—Hydraulic lime.
8. The Inspector of Mines of the District of LA MANCHA, Prod.—Thirty-two specimens of minerals from La Mancha, including clay slate, sandstone, quicksilver, iron pyrites, clays, ores, barite, calecarious spar, &c.
9. The Inspector of Mines of the District of MURCIA.—Specimens of eighty-four minerals, &c., found in the district of Murcia, including galena, sulphur of zinc, iron pyrites, carbonate and sulphate of lead, litharge, alum, &c.
10. The Director of Mines of RIO TINTO, Sevilla.—1. Grey copper, from the Precioso mine. 2. Raw mineral ore, proceeding from the vein of double sulphuret of iron and copper. 3. Ore prepared by slow roasting, and exposed to the open air in piles, and worked by the damping process. 4. 5 Bar of forged iron, covered with a case of copper precipitated from the waters of the Rio Tinto. 6. 500 bars of fine copper, from the preceding.
11. The Inspector of Mines of SANTANDER.—Copper pyrites, from the Constancia mine, town of Camaleño: ore produces 20 per cent. of copper.
12. The MANTO MINE COMPANY, Logroño, Zamora.—Ore and ores of antimony. Specimens of silver, lead, and other minerals.
14. The Director of the Factory of S. PEDRO DE ASAYA, Alava.—Specimens of sparry-iron, red amethysts, fire-sandstone, coal, charcoal, iron, raw, refined, drawn, &c.
15. The Inspector of Mines of the District of ALMERIA.—A collection of forty specimens of ores and minerals from the district of Almeria, including silver, lead, mercury, copper, and iron ores; and products; alkali; marbles and clays.
16. LUNA'S LEAD MINING ASSOCIATION.—Lead ore.
17. The Inspector of Mines of the District of ASTURIAS, Gijón, Prod.—Twenty-eight specimens of minerals, from the district of Asturias, including copper, cinnavar, lead, calamine, iron, coal, and marbles.
18. The Inspector of Mines of GRANADA.—Twenty-three specimens of mineral productions, including marbles, serpentine, cobalt ore, sulphur of copper, ores of lead and zinc, magnesia, gold sand, &c.
19. The Inspector of Mines of the District of LEON.—Eighteen specimens of minerals, from the district of Leon, including hydrate and peroxide of iron, and chalk stone.
20. The Sub-Inspector of Mines of LUGO.—1. Argenti
erous ores. 2. Specimens of lead. 3. Specimens of tin. 4. Specimens of Kaolin, fire-clay and fire-bricks. 5. Crucibles and fire-bricks. 6. Fire-bricks. 7. Nickel ore, with its products, in the pure metal.
21. The Inspector of Mines of MALAGA.—Eleven specimens of minerals from Malaga; galena of various sorts, magnetic iron ore, nickel, graphite, or black lead, pyrites of iron and copper, plastic clay, serpentine, Fuller's earth, &c.
22. The Mining Inspector of the District of ZAMORA, Prod.—Specimens of carbonate and phosphate of lead, argentiferous lead, silicates of antimony, laminated regula of antimony, ores of oxide of tin, fire-clay, &c., ores of hydro-oxide of iron, carbonates of iron, sulpher of lead, and carbonates of lead, and yellow rock crystal.
23. The LEONENSE ASTURIAN COMPANY, Asturias.—Specimens of steel.
24. AMIGOS, CORDOVA.—Iron from Villafranca. At this place the ore forms an entire mountain of considerable size.
25. GRAN, J. MALAGA, Prod.—Specimens of iron, from the works of El Angel.
26. THE PEDRIZGO IRON COMPANY, Sevilla.—Specimens of cast, red, and plate iron, and mineral coal.
27. VALENSIANO, F. Sevilla.—Specimen of fine copper.
The Inspector of the Mines of Segovia.—Mineral sulphates, found in an extent of more than two leagues Spanish, impregnating sandstone layers of considerable thickness, which form the base of the mountain range of Picos de Europa.

11. Cordoba.—Specimens of marble: 1. Marble from Puente de la Ermita. 2. Marble from the quarry of Acebuchuelo. 3 to 5. Marble from the same quarries, but differing in colour. 4. Marble from Lanches. 7. Marble from the same place: very compact, and with few veins. 8 and 9. Marble from the quarries of the Cerrito de Nuestra Señora.

32. Huelva.—Samples of marble, from a quarry in the district of Puente-Guadalquivir.


35. Zulayia, J. de, Havana.—Samples of sugar.

36. Zamora.—Marble, from Castille; from Fuentes de Beceite; from Almansa; from Badajoz.


38. Alcacer.—Barilla.


40. Elche, M. Barcelona.—Nitro: the “sal gus” of English commerce.

41. Cervera, A. Céceres.—Potassium of Estramadura.

42. Cordero.—Crystallized sulphate, from the abandoned mines of Comillas. Mezquita, from San Luis.

43. Mañara, D. A. J. Carthagena.—Specimen of alum manufactured by the exhibitor.

44. Riguals, F. Coruna.—Cream of tartar, bitartrate of potash.

45. Saxonia, P. Elchol.—A lump of sabloid, from the plant of the same name cultivated in the province of Elcho.

46. Granada.—Seed and stone barilla.

47. Huesca, M. Lorca.—Native salt in crystals.


49. Zamora, P. Vitoria, Prod.—Schweinfurth green.

50. All the materials employed are of Spanish produce.

51. Durango y Tegu, Zaragoza.—Sulphate, from the mines of Teraul, etc.

52. Pedro y Baldecino, Zaragoza.—Nitre.


54. Barcelona.—Specimens of 105 indigenous plants, the greater part growing at Montserrat, Mosen, and Montjuich, and many peculiar to Catalonia.

55. Oviedo, Asturias.—Extracts of acacia, balsam, lister, fyxpol, orange-pie, and of saraparilla; honey of saraparilla; prepared saraparilla.

56. Camaray Islands.—Euphorbia lathyris, known in the islands as tortuguilla, and aquilea.


58. Agram, F. Cordova.—Albaranilla. Saraparilla.

59. Gerona.—Medicinal plants growing wild: Balsam, pulsatilla, gentian, turpet, echinaria vulgaris, digitat purpurea, onoclea eschichtes, polygonum bistorta, cynoglossum, saxifraga granulata, arnicas montanae, arnica utraria, aquilegia vulgaris, and tormentilla.

60. Huesca.—Herbs used in medicine, which grow wild in the province: sage, foxglove, camomile, aristolochia, lycoris, saracens, acouite or mossy’s hood, ladines, wormwood.


63. Bartolome, M. Segovia.—Common saffron.


66. Tarifa, P. Vitoria.—Extract of acacia.

67. Alcacer.—Samples of wheat.


69. Guzman, R. Ciudad Real.—Wheat of two kinds: jibones and candel—grown in the province of Ciudad Real.


71. Huelva.—Specimens of the best kinds of wheat grown in the province, which constitutes its principal riches.

72. Cea, J. A. Leon.—Wheat (called moho de almarron), grown in the province of Leon.

73. Nogu, D. Guadalajara, Prod.—Wheat.

74. Oviedo, Asturias.—White wheat. White and yellow maize.

75. Cea, P. A. Leon.—Wheat (called del Bismillah) grown in the province of Leon.

76. Maconsa, F. Malaga, Prod.—Wheat grown in the same province; the variety is known by the name of rasto d’ olivo.

77. Medalla del Campo, Pedrosa, and Gomezbarro.—Wheat.

78. Torres, M. M. Sevilla.—Wheat (called cervera de color), grown in the province of Sevilla, from Aragao.

79. Tenino, J. Sevilla, Prod.—Wheat (called pinzado), grown in the province of Sevilla, from Marchena.

80. Fernandez de Costanza, D. M. M. Constantino, Sevilla.—White wheat (known by the name of papeles).
80. Navarra, D. J. de, Alloveza.—Sample of white maize.
83. Castejon.—Maize.
84. Ferreiro, E. Ciudad Real, Prod. — Cantharus spinatus.
85. Enrico, M. Ciudad Real.—Pampe grain, grown in the province of Ciudad Real.
88. Huesca.—Cereals, pulse, and fruits grown in the same province: White wheat, wheat, beans, round beans, almonds, walnuts, and dried peaches.
89. Jardín.—Dried peaches from Almaden and Béjar. Wheat from Alella Real and Ubeda.
90. Manzanares, Malaga.—Maize, grown in the province of Malaga.
91. Paramos, M. Malaga, Prod. — Indian wheat, grown in the province of Malaga, cultivated in Churriana. Batatas, sweet potatoes.
94. Murcia.—Wheat; white wheat; and Panne grain of two kinds.
100. Huelva.—Beans. Large acorns, and branches of the oak which produces them. Grana leiris, cochineal dye.
102. Gitz, V. Segovia, Prod.—Chick-peas.
103. Valladolid.—Garbanzos, chick-peas, grown in the province.
104. Peiro y Bartolozzi, Zaragoza.—Zaragartes, brocay, boundless teques, viper's bugloss, melilot and liquorice.
105. Alcante.—Almonds: pestana, planetas, blanquis, bitter, &. Alumbra (Strychna).
106. Palmera.—Majorca carnalina.
110. The Agricultural Board of Castellon.—Branches of olive: varieties, called Masalvitra. Morendo, Fuyo, Mon, Grosn, Binoce, Silvestre o acebuches, Monzavalle, Colorado, Sablecos, Ulisbarres, Oñatros, Oeyoda. L4
114. Aranbuin, G. Cordova.—Preserved fruits and sweets.
117. Enriquez, J. Malaga.—Dried figs.
119. Musacca, J. Malaga, Prod. — Olives, cultivated in Alcat and Casabonasola; they are very mild, and easily separated from the stone.
120. The Board of Trade of Seville.—Almonds.
121. Oviedo, Asturias.—Hazel nuts, chestnuts, and walnuts.
122. Zambrano, J. Seville, Prod. — Olives (of the kind called de altura).
123. Casado, J. Seville.—Olives (of the kind called macetas de la reina).
124. De Lebaca, J. J. Seville.—Giant olives from Pedros.
126. Badajoz.—Sweet oranges.
127. Philippines Islands, Manila. — Specimens of citrus and cines of the various kinds manufactured in the central factory of Manila.
129. Gonzalez, C. M. Havana.—Samples of cigars.
130. Manzo, E. Lugo, Prod. — Preserved capricornus.
132. Milan, G. Salamanca.—Two packets of superfine starch, in stick and powder.
133. Huesca, Man.—Chocolate.
135. Vargas, T. Seville.—Liquorice.
136. Fernandez, J. N. Veles Malaga. — Refined sugar, from the cane grown in the neighbourhood of Malaga. Made at the works of N. S. del Carmen, recently established at Torre del Mar.
137. Martinez, S. Vitoria, Man.—Sweetmeats made from different fruits.
139. Arad, M. Cordova.—Honey of orange flowers.
140. Colmena, F. Guadalajara, Prod. — Honey in the comb and clarified. White and yellow wax.
141. Escudero, C. Guadalajara, Prod. — Honey in the comb.
142. Centella, E. Guadalajara, Prod. — Honey in the comb.
144. Huelva—Honey from Hinojos; chief producer of the place.
145. Bixquera, J. M. Seville.—Honey from orange flowers.
146. Fierens, Calderon, & Co., Burgos.—Resins and spirits of turpentine.
147. Carlos, J. Malaga.—Essence of lemons.
147. CORDOBA.—Olive oil, produced from the wild olive.
147. OVIEDO Asturias.—Nut oil.
148. MORATINO, C. S. Extremadura.—Olive oil.
149. ZAYAS, J. Vega, Granada.—Olive oil, from the village of Nigüelas.
150. FERNANDEZ, M. Malaga.—Olive oil, filtered.
151. MERCED, — Linseed oil, made in Lorca.
152. SEVILLA, — Olive oil, of the best quality made in the province.
153. DEU, Rivera, Santa Fé, Granada.—Olive oil.
Combed hemp.
154. THE BOARD OF AGRICULTURE, Valencia.—Olive oil of two qualities, produced by D. Vicente, Tortosa; olive oil, produced by D. José, Cartagena.
155. THE COURT OF ORANZAGOA, Zaragoza.—Olive oil.
156. GUIRES, J. Alcoante.—Gula dye or weld, a yellow dye.
157. CAÑIZ.—Madder root, from San Lázaro.
158. CARCELLO, D. E. Ciudad Real, Prod.—Samples of saffron.
159. MESTEJAN, Z. Casas.—Madder.
160. CANARY ISLAND.—Samples of madder, powder granules, prepared from the same. 
ResACA laterica (Guadiana).
161. VALLADOLID.—Madder, in powder, powder, and extract.
162. SANCHEZ, R. Segovia.—Specimen of madder.
163. MESTEJAN, A. Segovia.—Madder in powder.
164. MARTINEZ, D. Sevilla.—Weld.
165. TORREON.—Suammon (Rhoea).
166. MARCELO, J. Valledolid.—Extract of madder.
167. THE AGRICULTURAL BOARD OF ORANZAGOA.—Vegetable dyes, from cultivated and wild plants.—1 Alizaron. 2 Madder. 3 Sumac. 4"Pasto" blue. 5 "Guadiana."
168. CALDERON, J. Granada.—Hemp, raw and combed. 
169. CASTELON.—Raw hemp.
171. ZARAGOZA.—Hemp from Calatayud, raw and cleaned. Flax, from Borja.
172. Martinez, P. Valencia, Manu.—Samples of hemp cordage, thread for sail-making, sail-cloth, and cotton stuff.
173. SAGRA, RAMON, DE LA.—Trunk of the plant Laggera hirsuta, showing the textile substance of the inferior bark. Cord made from the fibres of the cord. Cord and mat made from the textile fibres of the leaves of the palm, and mat made from the same hemp, and cord made from the same hemp.
174. BUESA.—Vegetable productions used in manufactures.—11 Bush or grass, 15 flax, and 15 hemp.
175. PICHIN, J. LOOR.—Flax, uncombed.
176. VIÑAS, A. Puerto Rico.—Flax from the trunk of the plantain tree, in its raw state.
177. HERAS, DE LAS, Segovia.—Raw flax; flax combed.
178. WILLIAM, J. J. Seville.—Raw cotton, growth of the province of Seville.
179. RIPAJO, COUNT, Valencia.—Combed hemp.
180. GONZALEZ, J. Seville, Manu.—Corks and bungas.
181. GONZALO, — Cork, in sheets.
182. THE AGRONOMICAL CAMEF of the BOTANICAL GARDEN, Madrid.—Specimens of woods, 225 in number, employed for furniture and ornaments, the produce of the Island of Cuba.
183. PHARRELL, J. A. Havannah.—Trusses of several sorts.
184. Collection of specimens of Woods employed in the Island of Cuba for construction and other purposes. Sent from Madrid. The list taken from the Botanical Section of the Natural and Political History of the Island of Cuba, by M. RAMON DE LA SAGRA.
185. The ECONOMICAL SOCIETY of MANILA.—Collection of 813 different species of wool growing in the Philippine Islands. Collection of the different qualities of the tobacco-leaf employed in the government factories in Manila and other places. The leaf of Cagayan is the only one manufactured for exportation.
186. MUÑOZ, V. Caste, Segovia.—Specimens of wool.
187. MONTORO, S. Sevilla.—Samples of fine wool, unwashed.
188. A. TARAGOA.—Fine wool, from the flocks fed in the Sierra de Andavalo.
189. THE ECONOMICAL SOCIETY of TOLUCA.—Wool (called charma).
190. BARRASA, M. Valladolid.—1 White wool, washed. 2 The same, carded. 3 Brown wool, washed. 4 The same, combed.
191. TARAGOA.—Black and white wool, and worsted, from Ejes.
192. HERNANDEZ, J. Madrid, Prod.—Black and white wool.
193. DELGADO, DE D. Zaragoza.—Hare and rabbit fur.
194. EL BARON DE FINESTRA, Alicante.—Skine of silk.
195. CANARY ISLAND.—Silk from the Mareses and the Tresmino worm, and from the two varieties crossed.
196. FUJAS, F. Valencia, Prod.—Skine of silk, of 4, 5, 6, and 7 cocoonas.
197. GONZALEZ, S. Valencia, Prod.—Skine of silk, of 4, 5, 6, and 7 cocoonas.
198. MURCIA.—Silk, worse gut, for fishing, first and second qualities.
199. ALMENDO, D. Murcia.—Silk.
200. CRUZ, DE LA S. Santa Cruz de Tenerife.—Silk. 
201. CORDOBA.
203. MONS, F. Torrelleta de Cuenca.—Silk produced in the district. Silk from different worms, called Tresminas, de Sevilia, and Tresmino.
205. MIRON, E. Malaga.—Specimens of cochineal.
206. ALCAIDE, D. M. G. Malaga.—Cochineal.
207. CARRERAS Y ALBREIT, J. Barcelona.—Combs for weaving.
208. DEU, G. Barcelona, Manu.—Cords for weaving.
209. ALEMAN, P. Escaramay, Manu.—Cords for weaving.
210. VALENCIA, J. Barcelona, Manu.—Wire cloth. 
211. Specimen of the various kinds manufactured by the exhibitor. Pair of paper in the same stuff.
212. ROYAL ORDNANCE Office, Osato, Manu.—1 Howitzer of wrought-iron, 16-inch calibre. 2 Mortar of wrought-iron, 9-inch calibre.
213. ROYAL CANNOY FOUNDRY, Seville.—A long howitzer, 9-inch calibre.
214. ZULOAG, E. Madrid, Manu.—Two pairs of pistols and two hunting-knives, with their appurtenances, made of forged iron, with reliefs, incrustations, and damascenes. Cavalry sword damascened with gold and silver. Double-barrelled gun, mounted in the English fashion. Gun, mounted in the Spanish fashion.
215. ROYAL ORDNANCE, Placentia.—An infantry percussion musket and bayonet.
216. ROYAL ORDNANCE, Toledo.—Nine sword and sabre blades as used in the army. Ancient halberd, engraved and gilt. Dagger, enamelled and gilt. Case, with a silver blade, in form of a serpent.
217. YARAS, M. DE, Toledo.—Sword, in the form of a serpent, of extreme elasticity.
218. IRAKA, G. Bisay, Manu.—Two fowling-pieces.
219. ARETO, C. Bisay, Manu.—Two fowling-pieces.
211c Garaite, M. de, Hauxay, Mann.—A six-barrelled pistol.
212 Otero, E., Malaga, Mann.—Optical instruments.
214 Gallegos, J., Malaga, Inv. and Manu.—Guitarras harpa.
215 Cort v. Manz., P., Madrid, Inv. and Manu.—Optical apparatus.
216 Livingstone, E., Madrid, Mann.—Artificial teeth.
216a Sauterly, D., M. v. H., Mann.—Specimens of marbles.
218 The Corporation of Lloretà, Castellon, Mann.—
A fullered cloth mantle.
219 The Corporation of Morellà, Manu.—Travelling bags of canvas. Travelling mantle. Two mallets.
222 Marquetti, J., Barcelona, Mann.—Spun silk.
224 Castellà, J. Esparrengarrà, Manu.—Specimens of sail-cloth.
225 Garcia, J., Aluscia, Mann.—Specimens of spun silk.
226 Fernández & Co. Ode, Manu.—Line flax and silk thread.
227 Rey & Co. Talavera, Manu.—Spun silk.
230 Monfort, F. T. Ornate del Choco Huesca, Manu.—
Silk thread.
230 Board of Agriculture, Vatecica, Mann.—Spun silk.
231 Tejedor, T., Valencia, Mann.—Specimens of spun silk.
233 Rey & Co. Valladolid, Mann.—Spun silk.
234 Gómez, J., Villa Real, Mann.—Specimens of spun silk.
234a Dóñas, Garbes, & Co. Valencia, Mann.—Samples of spun silk, white and yellow.
234b Rosa, J., Barcelona.—Specimen of silk stuff, called “Christine.”
235 Álvarez, R., Barcelona, Mann.—Pieces of silk stuff for umbrellas.
236 Castellà, Dr., Seville, Mann.—Specimens of silk stuff.
240 Manufacturing Co. of the Guild, Talavera and Escarba, Mann.—Silk and gold stuffs.
243 Royal Arsenal, Cartagena, Mann.—Rigging. Sail canvas.
245 Escudero y Gonzalez, Cervera de la Rioja, Manu.—
Silk cloth.
246 Manufactory of Isabel II. Ferrol, Mann.—
Linen-Cotton.
248 Calderón, J. M., Granada, Mann.—Specimens of spun silk.
249a Rosa, S., Barcelona, Manu.—Prepared fine skins, of various colours and gilt.
250 Romay v. Miro, A., Molina de Rey, Prod.—Samples of hand-made paper, called “de marco mayor.” Other papers, called “de marquilla” and “marca regular.”
250a Pérez, J., Barcelona, Manu.—Blonds: Large kerchiefs of black blonde with flowers; mantilla of black blonde.
253 Margaret & Ena, Barcelona, Manu.—Black lace and white blonde veils.
261 The Alcalde of Santa Maria de Nieva, Segovia, Manu.—Coarse woolen cloth for winter clothing, of first and second quality.
263 Opuncia, Asturias.—Jet, in the natural state, and polished, from the district of Villaviciosa. It is manufactured into various articles which are sold in the neighbourhood.
265a Carbone of soda, extracted from the Salada soda, which is produced in great abundance in these islands. Carbone of soda (native mineral).
265a Santas, C., Loira.—Woollen cloth.
265a Mendez, J. J., Loira.—Woollen cloth.
265a Gilarte, J. M., Madrid, Des. and Mann.—Shield of the royal arms of Spain, in silk, gold, and silver. The baby-linen made for the late Prince of Asturias.
265c Cruz de Arcas, D., Loira.—Woollen cloth.
265d Moreno Broth., Antequera, Mann.—Bales.
265e Trujillo y Campo, Santander, Mann.—Woollen cloth, from the factory at Riendo.
265f Mixt Broth., Barcelona, Manu.—Lace trimming.
265g Trincher, G. Madrid, Mann.—Decorations.
265h Belmonde, R. Navas, Frias, Mann.—Two felt hats.
265i Villardel & Callejas, Valladolid, Mann.—Kid gloves; lambakin.
265j Toboso, J. Phascencia, Mann.—Files.
265k Callejo, J. Madrid, Mann.—Locksmith’s work.
265l Bagues, A., Madrid, Mann.—Silk yarns.
265m Sanches Pecador, J. & Fornar, M. D., Madrid, Mann.—Bedstead of cast steel, with bronze ornaments, chased and gilt.
265n Miquez, J. de, Madrid, Mann.—Iron bedsteads and bed-room stand, with gilt and inlaid ornaments.
265o Moratilla, F., Madrid.—Tabernacle, silver-gilt, inlaid with precious stones, and chased.
265p Zuniaga, E., Madrid, Mann.—Case, to contain a title nobility of Castille, of wrought-iron, with reliefs, incrustations, and Damascus-work of gold and silver.
265q Yerain, M. D., Toboso, Mann.—Large earthen wine-jar, manufactured in the village of Toboso, in La Mancha.
265r Yerain, M. D., Chiclana.—Alcattars, or porous water-bottles.
267 The Audencia Co. Madrid, Prod.—Fire-bricks.
269 Teixeira & Co. Segovia, Mann.—Pavement-tiles.
269 Gonzalez Vala, R., Valencia, Mann.—Twenty-two frames, with 204 glazed tiles.
270 Medrano, M. Madrid, Prod.—Secretaires, with inlaid work.
271 Perez, J., Barcelona, Inv. and Mann.—An octagonal table of inlaid wood, containing 3,000,000 pieces, the arms of England alone, in a space of 3 inches by 2, consisting of 53,000. This branch of industry has been introduced by the exhibitors.
272 The Apol-lomexko Co. Madrid, Mann.—Apolixon and artificial marble.
273a Sette, B., Valencia, Mann.—Thirty-three samples of straw-hats.
273a The Economic Society (Amigos del Pazo), Biaura Island, Phillipeo Isles.—Piece of “ployo” stuff. Various pieces, for a blouse. Piece of “just” and a shawl of “just” both worked.
274 Island of Luzon.—An apron; handkerchiefs; camisets; collars and cuffs, embroidered. Dresses and shawls, with checks and stripes woven with “just.” Cigarettes; crowns of a hat, made of the filaments of “bejucos.” Soap made from pure palm-oil.
SWEDEN AND NORWAY.

1 LAGERHEIM, P. Christiansena and Bofors, Sweden, Prod. and Prop.—Specimens of steel-iron and trowed-iron; and also of the rock in which the mine is situated; the leading stone; the mineral intermixed with the ores; the ores and the analysis of them, showing their constituent parts, as to quantity and quality: the pig iron; the scorias; the blasts and the bars.

2 BLAST FURNACE OF GREKASAR, Orebro and Grekasar, Sweden, Prod.—Specimens of iron ore, in use at the blast furnace of Grekasar, province of Närke. Pig-iron, bar-box, with specimen of the same bar-iron twisted into a spiral.

3 HELLEFORS IRON WORKS, Orebro and Hellefors, Sweden, Prod.—Specimens of iron ore in use at the blast furnace and foundry of Hellefors. Scorias and pig-iron from the same furnace.

4 OSTERBY IRON WORKS, Upala and Osterby, Sweden, Prod. (Baron Tamm, Prop.)—Iron ore from Dannemora mines. Pig-iron, bar-iron, converted steel, and scorias from Osterby.

5 MOTALA IRON AND ENGINE WORKS, Motala, Östergötland, Sweden, Mann.—Bound and square iron, tubes for steam-engine boilers, frames for iron vessels, edges for steam-engine boilers, plates from unballed and ballled puddled iron; pig-iron for castings.

6 FLOOD, J. Fjorstrand, Norway, Prod.—Specimens of iron ore and of bar-iron, from Bolviga ironworks, near Förongrund.

7 HEG, H. Drømmeholm, Norway, Mann.—Specimens from the chrome manufactury, near Drømmeholm.

8 TURAKASCOALITE WORKS, Sweden, Prod.—Crystals of cobalt, washed cobalt, oxide of cobalt, chaux metalique (calculated).

9 ZETTERBORG, C. Eckstetone, Sweden, Mann.—Specimens of sabers and swords.

10 WALKIN, L. J. Mann.—1-26 Steel cutters. 27 Brace, with bits.

11 HELLEFORS IRON WORKS, Sweden.—Steel cutters.

12 STEELWARES, polished, etched, and gilt, by various makers at Eckstetone.—
   1 Paper scissors, polished.
   2, 3 Rules, etched and gilt.
   4, 5 Paper knives, gilt.
   6 Paper scissors, gilt.
   7 Steel plate, with a view of the Royal Palace at Stockholm.

13 GODGAARD FORGES, Northping and Godgård, Sweden, Mann.—Box containing leads.

14 VIKENG, A P. Falun, Sweden, Mann.—A Chemist’s balance, with gramme weights. 5 Universal compasses.

15 LITTIMAN, E. Stockholm, Sweden, Mann.—1 Instrument for examining the bore of guns, and determining the accuracy of its elevation, and found deficient. 2 Chemist’s balance, with gramme weights. 3 Universal compasses.

16 GULDBEDSHYTTAN MINE, Linde and Guldmedshyttan, Sweden, Prod.—Specimens of silver and lead ores.

17 JONAHSON, J. Stockholm, Sweden, Mann.—Specimens of stearine, and of stearine candles. Specimens of monds for casting.

18 LAMM, E L. Stockholm, Sweden, Mann.—Two large spermaceti candles.

19 WOOLDENS from Norkoping, Sweden.—

20 BIRKEMAL, F. Mann.—1 Specimens of broad-cloth. 2 Specimens of duffel.

21 SÖDERBERG & AROSTENUS, Mann.—3 Blue cloth dyed in the wool.

22 LANDMAN, T. Mann.—4 Specimens of brown cloth.

23 MALMSTROM, C. T. Mann.—5 Specimens of mixed cloth.

24 Various samples of Swedish wool.

25 Specimens of flax, water-retted; broken by hand and unbackled. From Angermalnd in the north of Sweden.

26 Specimen of flaxen thread, spun by a girl thirteen years of age, in Angermalnd.
SWITZERLAND.

(Commissioner in London, Dr. Bollay, 39, Finsbury Square.)

1. Neuman & Brötsch, Bienna, Manu.—Iron wire for making cards.
2. Suchard, F. Neuchâtel, Inv. and Manu.—Specimens of chocolate.
4. Effrahi, J. Travers, Canton of Neuchâtel, Manu.—Turning, pivotting, depthening, and other tools.
5. Jaenett, F. Locle, Canton of Neuchâtel, Manu.—A rite, with steel barrel.
7. Janvier Brothers, Canton of Vaud, Manu.—A repeating watch.
9. Dubois, F. W. Locle, Canton of Neuchâtel, Inv. and Manu.—An astronomical clock, with cipher escapement. A marine chronometer, on a new calibre.
10. Brandt, F. E. Locle, Canton of Neuchâtel, Manu.—A pocket chronometer, with thermometer.
11. Fayre, B. A. Locle, Canton of Neuchâtel, Inv. and Manu.—Instrument for determining the epicycloidal curve of the teeth of wheels and pinions.
15. Mermod Brothers, Sainte Croix, Canton of Vaud, Manu.—A gold watch, size about one inch. A gold watch to go eighty days. A chronometer. Gold and other watches.

18. Furrer, A. Brenets, Canton of Neuchâtel, Inv. and Prop.—Improved pocket-clock.
21. Furrer & Son, Locle, Canton of Neuchâtel, Manu.—Several watches, in gold and silver cases.
23. Furrer, E. A. Locle, Canton of Neuchâtel, Inv. and Manu.—Pocket chronometers. A chronograph for taking the time of observations. Seconds watch.
25. Leclerc, A. Sentier, Canton of Vaud, Inv. and Manu.—Pocket chronometers. Watch movements and progressions.
27. Jacquet Brothers, Sainte Croix, Canton of Vaud, Manu.—Musical snuff-boxes.
28. Vauchez, C. Fleurier, Canton of Neuchâtel, Manu.—A watch, with equations of time, &c.
30. Girard, P. Chauxdefonds, Canton of Neuchâtel, Manu.—A travelling clock.
31. Boivin, H. Locle, Canton of Neuchâtel, Manu.—Clocks in silver cases.
32. Leclerc & Son, Brenne, Canton of Vaud, Manu.—A large musical box.
33. Jacquet & Son, St. Croix, Canton of Vaud, Manu.—Musical boxes; mandolines. Other boxes.
37. Boivin, Boyer, & Co. Neuchâtel, Inv. and Manu.—Mixed fabrics of thread and wool, &c.
38. Jaenett Brothers, Neuchâtel, Inv. and Manu.—Basket. Hats and caps. Ladies’ bonnets, &c.
39. Furrer, Charlotte, Locle, Canton of Neuchâtel, Manu.—A piece of wide lace.
40. Bross, A. D. Couvet, Canton of Neuchâtel, Manu.—White blonde.
41. Mathieu & Son, Locle, Canton of Neuchâtel, Manu.—A cylinder of rolled steel, for watch springs.
42. Schichert, J. D. Tavannes, Canton of Berne, Inv. and Manu.—Map of Switzerland in relief.
43. Dubois, A. Chauxdefonds, Canton of Geneva, Inv. and Manu.—Gold plate, exhibiting ornamental designs for watch-making, jewellery, &c.
45. Kündig, F. Chauxdefonds, Neuchâtel, Artist.—Engraved gold plates, representing Swiss subjects.
46. Grandjean, P. H. Chauxdefonds, Neuchâtel, Artist.—Engraving on gold, applicable for watches, jewellery, &c.
47. Fischer, J. Schauffhausen.—Ingots of meteor steel, and articles made of the same.
SWITZERLAND.

--- Mineral waterproof composition, for lines, pasteboard, iron, &c.  
49 Pedelin, P. Chur, Mass.—Soap-stone, or steatite, polishing stone. Marbles.  
50 Gwinner, J. Berne, Mass.—Water-colours. Tin pallets, with soft colours.  
51 Scutter, G. Campagne des Loges, near Morges.—Tooth-powder.  
52 Haas, H. Vevey, Canton of Vaud.—Beef, mutton, veal, and fish, preserved in their natural state.  
53 Hott, J. Wangen, Canton of Berne, Prop.—Horse-hair and balloon-hair.  
54 Fogliarzi, G. B. Solano, Canton of Tessin, Prop.—Raw silk.  
55 Laux, J. Elma, Wildegg, Canton of Argovia, Prop.—Raw silk; cocoons of silk.  
56 Landeryn, T. C. Trib, near St. Gall, Canton of Appenzell, Mass.—Gelatine, for stiffening silks, &c.  
57 Senn, A. Gunten, near Thun, Canton of Berne, Prop.—Wood, for musical instruments.  
58 Ledoux, A. Geneva, Inv.—Frame of a double lithographic press.  
59 Schule, V. Soleure, Inv. and Mass.—Calculating machine.  
60 Boesl, J. Aran, Canton of Argovia, Mass.—Improved machine for cutting bread.  
61 Darius, H. Geneva.—Press for cutting out and stamping watch hands and fancy goods.  
62 Schilling & Co., Horgen, Canton of Zurich, Mass.—Sheets for cotton carding, and for sheep wool. Pliette.  
63 Brotte, F. Berne, Canton of Berne, Mass.—Files used for clock-making, and polishing instruments.  
64 Faggin, F. Geneva.—Tools for engraving on watch-cases and gold dials.  
65 Laux, F. Wildegg, Canton of Argovia, Inv. and Mass.—Patent boring apparatus for artesian wells.  
66 Kapp, C. H. Lamansne.—Long bow of laburnum (or oyster-tree) with three arrowheads.  
67 Pate, J. Geneva.—Double shot gun.  
68 Sauter, V., Geneva, Mass.—Swiss rifle, and walnut case, with necessary apparatus.  
69 Vanhod, J. Lamansne, Mass.—Improved fowling-piece, with apparatus.  
70 Camoulet, S. Monod, Prop.—Aromatic cachou pitchforks; rakes; acetics; pruning-knives.  
72 Grin, J. Liestal, Bâle, Inv. and Mass.—Patent iron plug.  
76 Darius, H. Geneva.—Samples of watch-hands and key-pipes.  
77 Du Commune, Giroud, Geneva, Mass.—Musical boxes, carved and inlaid.  
81 Hombler-Emer, F. Aran, Canton of Argovia, Mass.—Improvement of mathematical instruments. Pocket compasses.  
82 Fehr, A. J. G. Geneva, Mass.—Two upright treble woodwind instruments.  
83 Gay & Loprin, Geneva, Inv.—Musical box, imitating a military band.  
84 Goldschmied, J. Zurich, Mass.—Planimeter, by M. Wettl, for calculating the area of plane figures.  
85 Gru, F. Aarau, Canton of Argovia, Mass.—Case of mathematical instruments.  
86 Hueders, G. C. Schaffhausen, Mass.—Bagels and other trumpets.  
87 Hueders & Hueders, Zurich, Inv. and Mass.—Patent harpsichord pianoforte.  
88 Kern, J. Aarau, Canton of Argovia, Mass.—Mathematical instruments.  
89 Kretzsch, G. Berne, Mass.—A grand pianoforte.  
90 Liebderob, Brompton, Bâle, Canton of Vaud.—Musical box and pianoforte.  
91 Liebes, H. Elma, Solano, Mass.—Travelling clocks.  
92 Golay-Lechebro, A.—Pocket chronometer with repeater and thermometer.  
93 Lombard & Jannirs, C. A. Geneva.—Wooden leg, used for amputation either below or above the knee.  
94 Lutz, K. Solano, Inv. and Mass.—Hair-springs suited to marine and other chronometers.  
95 Massier, L. Yverdon, Canton de Vaud, Inv. and Mass.—Patent planetarium.  
98 Meylan-Golay, H. Geneva.—Gold repeating watch.  
100 Fostrey, F. H. Lamansne, Mass.—Two violins and a violoncello; two violin bows.  
101 Baron, F. Geneva.—Chronometer. Strong detached lever escapement.  
102 Schneider, F. Berne, Prop.—Relief, representing a view of the Jungfrau. Artificial teeth.  
103 Schreyer & Katz, Zurich, Mass.—Pianoforte.  
104 Jacard, L. Lamansne.—Blonconave, periscopic, convex, and concave glasses. Magnifying glasses.  
105 Faggin & Katz, Mela, Geneva.—Watch spiral springs.  
106 Monod, T. Lamansne, Mass.—Cupping apparatus.  
107 Weismuth, J. Signa, Canton of Berne, Prod. and Prop.—Osteotomy (a chirurgical instrument).  
108 Zimmer, H. Winterthur, Canton of Zurich, Prop.—Machine for measuring the distance of gun-balls from the centre.  
110 Alters, J. C. Speicher, near St. Gall, Canton of Appenzell, Mass.—Embroidered muslin.  
111 Anderson, T. St. Gall, Mass.—Ginghams; jacquet; cambro; cotton; and cottonsade. Shawls; tartans; chintz; handkerchiefs. Nainsooks.  
112 Bahringer & Co., St. Gall, Imp.—Muslins; baldorines; cravats; shawls. Ladies' dresses and handkerchiefs.  
113 Bodo, J. Wülfingern, Canton of Zurich, Mass.—Ropes of cotton-yarn, bobbins, warp, and woof.  
114 Blum, T. G. Winterthur, Canton of Zurich, Mass.—Parcel of cotton-yarn.  
115 Bösch & Bode, Ebnet, Canton of St. Gall, Mass.—Muslin ginghams; shawls; handkerchiefs; cravats; scarfs; Barlets, &c.  
118 Bruderger, J. Teufen, near St. Gall, Canton of Appenzell, Mass.—Robes; aprons; violas; pilas.
INTERNATIONAL COTTON YARN COMPANY.

119 BAADE-WÜRTTEMBERG, Bremen, Germany.

120 H. F. Winterthur, Canton of Zurich, Switzerland.

121 J. Richterswyl, Canton of Berne, Switzerland.

122 MEYER & SON, Zürich, Switzerland.

123 H. A. Senf & Sohn, Zürich, Switzerland.

124 ZURCHER & Co., Zürich, Switzerland.

125 BAYER & RANZ, St. Gallen, Switzerland.

126 KÜNN, St. Gallen, Switzerland.

127 BÜCHER, Zürich, Switzerland.

128 KÜNH, A. Uster, Canton of Zurich, Switzerland.

129 HÄUSER, Zürich, Switzerland.

130 LÜTHI, Bubikon, Canton of Zurich, Switzerland.

131 NECKI, Nidernegg, Canton of St. Gallen, Switzerland.

132 RENN, Winterthur, Canton of Zurich, Switzerland.

133 KÜHL, St. Gallen, Switzerland.

134 BOEHLER, Winterthur, Canton of Zurich, Switzerland.

135 KÜHN & Co., Winterthur, Canton of Zurich, Switzerland.

136 KÜHLER, Winterthur, Canton of Zurich, Switzerland.

137 KÜHLER, Winterthur, Canton of Zurich, Switzerland.

138 KÜHLER, Winterthur, Canton of Zurich, Switzerland.

139 BÜCHER, Winterthur, Canton of Zurich, Switzerland.

140 BÜCHER, Winterthur, Canton of Zurich, Switzerland.

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144 BÜCHER, Winterthur, Canton of Zurich, Switzerland.

145 BÜCHER, Winterthur, Canton of Zurich, Switzerland.

146 BÜCHER, Winterthur, Canton of Zurich, Switzerland.

147 BÜCHER, Winterthur, Canton of Zurich, Switzerland.
SWITZERLAND.

171 GHENKE, V. Lefker, near Biel, Mass.—Dressed hides for harness and coaches; calf-skins, &c.
172 BADER, J. de J. Wandelwyl, Canton of Zurich, Mass.—Leather for saddles.
174 KAPROTH, F. Fransfeld, Canton of Thurgovia, Mass.—Sole leather.
177 MEYER & CO., Arten, Canton of Argovia, Mass.—Calf-skins in different states.
180 CORDEMAN, Joy. Kid leather, for gloves.
182 SPECHER, H. Haile, Canton of Thurgovia, Mass.—Sole leather.
183 THURKE, N., Biel, Mass.—Superfine paper, for prints and lithography.
185 BURCHER, C. Geneva.—Black silk for sewing.
186 HUGL, F. Schaffhausen, Imp.—Scarlet cloth dyed at Schaffhausen.
187 SOLER, G. Winterthur, Canton of Zurich.—"Moresa à flamines. Contours à flamines assétés."
188 SOLER, H. Adorf, Canton of Thurgovia, Mass.—Calicoes of various descriptions.
189 BARBERG, J. Thal, near St. Gall, Mass.—Specimens of needlework and embroidery. Handkerchiefs with lace border. Plain muslin and jacquet.
190 BURGER BROTHERS, Heiden, Canton of Appenzell, near St. Gall, Mass.—Specimens of embroidery on tulle. Veils, on white and black tulle. Cambric handkerchiefs.
192 FISCH BROTHERS, Buehler, Canton of Appenzell, Mass.—Muslin dress and curtains embroidered.
195 HOLZEREBENSCH, C. St. Gall, Canton of St. Gall, Mass.—Curtains, embroidered on muslin and tulle; gypure appliqué, and long point, and other embroidered goods.
202 SCHOCH, SCHURMANN, & SONS, Herisau, Canton of Appenzell, Mass.—Embroidered handkerchiefs, and collar.
204 TANNEN, B. St. Gall, Mass.—Embroidered muslins.
206 TANNEN & KOHLER, Herisau, Canton of Appenzell, Mass.—Muslin shawls, dresses, and shawls. Embroidered muslin curtain, and robes.
207 WAGNER & LAURER, Buehler, Canton of Appenzell, Mass.—Embroidered robes of silk.
209 ZAPPENBERG, T. Wissendorf, Canton of Zurich, Inv.—Carpet of new variegated weaves.
210 HALL & CO., Schlossweid, Canton of Solothurn, Mass.—Braces, elastic and non-elastic.
211 DIEFFERS, J. Berne, Mass.—Japanned leather boots, red morocco legs.
213 FOLLE & OTTO, Wildegg, Canton of Argovia, Mass.—Buttons, a new application of straw, for ladies’ bonnets, &c.
214 LEONARDT BROTHERS, Brassia, Vaud.—Rasors à sonnettes. Rasors with several blades.
215 LEVOLNIK, J. Sentier, Canton of Vaud.—Rasors of various kinds.
216 GRAEFE & SCHWER, Rheins, Canton of Zurich, Mass.—Metallic cloths. Wire iron wire clothing.
217 SEYDEK, H. & D. St. Gall, Mass.—Buttons for coats and ladies’ dresses. Umbrellas, curtain, and bodice rings.
218 SCHOFFER, S. Geissel, Canton of Berne, Founder. J. Cow bells.
220 GOLAY, L. Geneva.—Gold souvenirs, with watch.
221 FEINS, H. Canton of Zurich, Des. & Manuf.—Embroidered drinking cups.
222 MARY, J. F. Sentier, Canton of Vaud.—Imitative gems.
223 VERNEU, J. Nyon, Canton of Vaud.—Crystal of quartz. Imitation topaz.
224 BODMER, J. Breisach, Canton of Berne, Mass.—Table of maple-wood.
225 HOFFER, F. Lasau, Canton of Zurich. Two turned cups and a watch-stand, made by a pupil of the Asylum for the Blind.
226 VOEL, A. Thoune, Canton of Berne, Mass.—Round table, made of 23 different kinds of wood, inlaid with 23,000 pieces.
228 CLARAS, A. Fribourg, Mass.—Flowers, plumes, and wreaths, made of straw, for bonnets. Straw bonnets, plaited trimmings, &c.
229 FABER, J. A. Appenzell, Mass.—Milk tube in miniature.
SWITZERLAND.


231. HUNTER & BONOLLES, Lucerne, Manx.—Horse-hair, double and single twist.

232. LEUDEMANN, J. C. Grub, Canton of Appenzell, Inv. and Manx.—Prints, rollers, made of “Swiss imitation castile soap”; it is elastic, tough, soluble in water, and capable of adaptation of different temperaments.

233. PECRE, Lucerne, Manx.—Casitshackel knitted stockings for invalids.


235. BEYTAZ, J. A. Lusanne.—Plated work-box, with mahogany wood and steps.

236. BAUTZ, T. F. Geneva, Manx.—Presse-papier, in gold-enameled rococo style; the base ornamented with painted views; groups of flowers, painted in enamel upon gold, with a mechanical singing bird.

237. WETT, M. L. Bern, Manx.—Lady’s mechanical escritoire, of white wood. Box can be used for sitting or standing posture. Carved wood, representing the rustic economy and Alpine life of the inhabitants of Switzerland.

238. FRERK, EIZELR, Biern, Canton of Bern, Manx.—Lady’s work-basket, carved in maple-wood.

239. RAINHARDT, A. Biern, Canton of Bern, Carver.—A box, in white wood; the carving on the cover, represents the Alp pine. Box of yew-wood, ornamented in carving with the garden rose and a garland of flowers. Small box, made of yew-wood, inlaid, &c.

240. CHERUEY, L. Geneva.—Enamelled map of the islands of Great Britain: illustrating an application of enamelled painting to the improvements of maps.


243. KAMM, W. Fribourg, Des. and Carver.—Statue representing Father Girard, a Franciscan friar.

244. KLAPPER, J. A. Appenzell, Canton of Appenzell.—Ornament, or jewel-case, of nut-wood, ornamented with figures in the costume of the Canton of Appenzell, William Tell’s shot, and other representations of Swiss characters and events.


246. HALLMEYER—APPENZELLER, A. St. Gall, Manx.—Chimney-screen, with a view of Meyrigen, Canton of Berna. The composition is a combination of the plastic art with that of the maker of artificial flowers.

247. MEYER, J. Jena, near Meyrigen, Canton of Berna.—Group of two chamois and huntsmen, on a hill.

248. MICHEL, G. Biern, Canton of Berna, Carver.—Fasani’s farm-house in the Bernese Oberland, with its dependencies. By removing the roof, the interior, even to the cellar, is exposed to view, with the furniture, &c.


250. SCHOED, J. Brienz, Canton of Berna, Carver.—Carved table. Bernese peasant’s habitation.

251. SChueck, Madama, Geneva. Paintings on alabaster, whitened and hardened for brooches and other articles of jewellery, covers of chests, boxes, and paper weights.

252. SCHÜTZ, C. A. St. Gall, Inv. and Mod.—Model in relief of the mountains of Appenzell, including a surface of about 180 square miles. The apparatus and the plastic scale of the exhibits, were the inventor’s own invention.

253. SPAEHLING, J. Schaaffhausen, Altoven, with several woodcuts, executed by the exhibitor. The drawings were executed by several Swiss artists.

254. BRODTEK, C. F. & Co. Schaaffhausen, Prod.—Galvanique-plates, subjects composed and drawn by M. Mendel, Munich, &c. The object of the galvanique-plates is, to supply the place of woodcuts at a cheaper rate.

255. JARD, T. Meyrigen, Canton of Berna, Carver.—A group of nine chamois and huntsmen, carved in maple wood.

256. UHLICH, J. Oberwil, Canton of Berna, Manx.—Brooches, watch-keys, shirt buttons, and rings, made of chamois-bors, &c.

257. WITTEBACH, C. Berna, Prop.—Model in relief of the cathedral of Strassburg, executed in card-paper, by J. Lenzinger, Zurich, executed with a penknife by a working bookbinder, who was employed on it incessantly for three years.

258. LEEHARDT, J. Berna, Carver.—A model, representing a fountain erected on the market-place of Nuremberg, in Bavaria, by the celebrated masons George and Frederic Kupfer: the figures were executed by Seibald Schoenhof.

259. WITTE, J. Berna, Painter.—A table in white wood, with view of Tell’s chapel, and the costumes of the twenty-two Cantons. A table, with the view of the Handakaffal. A desk, with a view of the Sibesch, and other articles in painted wood. Letter-box, with the view of the Wengerald.

260. ZIENER-PEZZLER, J. Winterthur, Canton of Zurich, Manx.—Divers articles of pottery ware, raw and glazed. The large pieces are exhibited in freshness and exactness in the expression of the medallions, &c.

261. GELUNG BROTHERS, Winterthur, Canton of Zurich.—Yassar, dyed and printed.

262. LECOULTE, C. Canton of Vaud, Manx.—Razor with seven blades. Razors with three, two, and one blade, buffalo handle, &c.

263. LECOULTE & GOLAY, Canton of Vaud, Watchmakers.—Large movement with twenty teeth; others with six, twelve, eight, seven, and six teeth, fixed on a wheel.

264. SCHWDMANN, W. Canton of Neuchétel, Engraver.—Two coins, engraved in steel; the one representing a group of two persons, the other the head of a warrior.

265. FISCHER, E. Chur, Canton of Grandbueden, Manx.—A double American rifle with two barrels and only one trigger; the right barrel straight, the left with a half winding.

266. FIGUER BROTHERS, Nettier, Canton of Vaud, Manx.—A gold watch, enamel dial, duplex escapement, five rubies, marquise case.

267. TAULAARD BROTHERS, E. A. St. Croix, Canton of Vaud, Manx.—A gold watch, five rubies, portrait of the Queen of Holland, with diamonds. A gold watch, five rubies, gold winding by the pendant.

268. KLAPPA, A. Locle, Canton of Neuchétel, Manx.—A gold watch, independent seconds, and metal thermostat; twenty holes in rubies, compensation balance.

269. SCHMID BROTHERS, Thalwil, Canton of Zurich, Manx.—Silk handkerchiefs; the weaving, printing, finishing, and entire manufacture by the exhibitors: warp silk, wool samples of spun silk, called the tape sublime.

270. RAMEYARD, J. Zoroas, Canton of Argovia. An assortment of improved razors and razor-strops.
**TUNIS.**

**Tunisian Productions.**—Send for exhibition by order of His Highness the Maharajah of Benares, Bey of Tunis, under care of Mr. Rood, Foreign Secretary to the Bombay Government, appointed for the purpose, and Messrs. C. M. and C. T. Bayley, the Bey's Commissioner, 7 China Terrace, London Road.

2. Small blankets, with silk, etc. Mantles, with stripes.
3. And 4. Gafa blankets, with silk, etc. Mantles, with stripes.
11. Models of carved wooden pyramids, used for decorating the interior of Moorish rooms.
12. Box of sardina.
13. Box of indigo.
14. Box of indigo, of another sort.
15. Box of the same.
16. Box of unwoven linen.
20. Borneo, with silk.
22. Earth extracted from the mine of the Mountain of Slats.
23. Minerals of the same place.
24. and 25. Mineral lead from the Mountains of Georama.
26. and 27. Mineral lead from the Mountains of Wargha and Geris.
28. and 29. Mineral lead from the Mountains of Medjez and Geris.
30. Lead from Slats.
31. Iron from the same place.
32. Lead from the Mountains of Geris.
33. and 34. Copper and iron from the Mountain of Georama.
36. Mule saddle, complete. Horse saddles, complete.
38. Weight for scales.
39. Sample of lime.
40. Bale of wool, weighing 881 lbs.
41. Bale of wool, weighing 804 lbs.
TUNIS.

embroidered. Silk shirts, with gauze, without embroidery.


43 Saddles, embroidered with gold. Coral chapelets, with gold ornament. Cloth burnouses. Cloth journas, with gold and silk embroidery.
44 Complete Algerine men's dresses, with silk. Long jackets, with silver and silk. Crimson and light-blue girdle, of Gerby manufacture. Short jackets, with silk.
45 Lead from Dyeem, and one stone, called keddah, used for making lime, &c.
46 Saffron.
49 Wool for smoking pipes.
50 Gypsum, of various qualities.
53 to 57 Ninety bottles of different sorts of scented waters.
56 Arm-holders, to hold up guns.
59 Carved door, with a curious key.
60 Wheat, called Remira.
61 Tunic, called Arroy.
62 The same, called Nighta.
63 The same, called Sibby.
64 The same, lightly roasted when new, used for soups.
65 A jar containing prepared barley, for soups.
66 A jar containing hokossoo, a dry preparation of the semola.
67 A jar with barley.
68 A jar containing preserved olives.
69 A jar with wheat, called Mahmovry.
70 A jar with mohasses, a dry preparation of the semola.
71 A jar with hokossoo.
72 A jar with barley.
73 Sponges.
74 The same.
75 The same.
76 Dry apricots.
77 Two pieces of white cloth.
78 Dates, produced at Gabes.
79 The same, in leather bags.
82 Arab tents. Bags for feeding horses, used by Arabs.
84 Specimen of the Karouba tree. Dry figs.
85 Wooden leaves, and powder.
86 A sallie-block. Sheaves of different sorts. Turkish pike, or measure for cloth. Arab, of the same.
88 Ready-cut smoking tobacco. Tobacco in leaves. Begis, tobaccons, korba, abhdy, and sulty, for snuff. Hay seed.
89 Jars of pickled raisins and meat.
90 Jars of sausages, raisins, and meat.
91 Lime. Jar, with gunpowder.
92 Lion and leopard skins. A small black skin, in pieces. Ostrich feathers. Skin of a wild sheep.
95 Piece of worked marble.
96 to 100 Various sorts of timber from Tabarka. Piece of cypress wood.
101 Garlic, and red and ground pepper.
102 Haricots. Dried, a grain much cultivated at Tunis.
105 Jistacholia.
106 Beans, and other seeds.
TUNIS. TUSCANY.

TUSCANY.

(Commissioner in London, Professor FELIX CORRISI, 7 Piaccadilly.)

GOVERNMENT OF TUSCANY.—Specimens of sandy stones for building purposes, from quarries existing in the various localities of Tuscany. Specimens of refractory stones, from quarries in Tuscany. Incrustations of the mineral waters of St. Philip baths. Ornamental stones, and stones used in the arts. Specimens of marbles, existing in the various localities of Tuscany. Specimens of lithographic stones, from various localities. Specimens of sculpture in lithographic stones, from the quarry of Mr. Pasqual Giovannini, of Florence. Specimens of chalcedony, and a variety of hard stones existing in Tuscany. Collection of every quality of alabaster from the quarries known in Tuscany.

Produce of the Royal Manufactory of Salt, Volterra.—Rock-salt from the salt works of St. Leopold. Salt obtained from the evaporation of saline waters. Specimens of alum dug in Tuscany, and purified alum. Specimens of sulphur dug in Tuscany, and purified sulphur. Specimens of iron ore from the royal mines of the Elba island. Specimens of copper ore, dug in Tuscany, and from unwrought mines of a well-known produce. Specimens of (Arseniferous) lead ore, dug in Tuscany. Specimens of quicksilver, dug in Tuscany, and from unwrought but of a well-known produce. Specimens of antimony ore, dug in Tuscany.

GUERRA, G. Florence, Mann.—Specimens of varnish.
CORRISI, G. Leghorn, Mann.—Specimens of sulphate of quinina and of arsenina.
CORTI & SON, Leghorn, Mann.—Specimens of varnish.
DE LARDERELLI, Count F. Leghorn.—Alabasters and produce of the efflorescence of borax acid, from the exhibitor’s estates in Montaurofale, Castelnuovo, and Montiorobondo.

BIDOLFI, Prof. M. Lucca.—Colours for encaustic painting, prepared by a peculiar process of the exhibitor’s invention; and paintings executed by him to show the effects of the colours.

MUNZI, Prof. Florence.—Colours for painting after a new composition, and specimens of painting on a consistent body of terra-cotta, to show the effects.

BROCCI, C. V. Florence.—Soft white wheat from the hills of Arechi, near Florence.
SOLANO, F. Eq.—Soft white wheat from his estate at Carrigni, near Florence.
PAOLETTI, F.—Pouders stiff wheat for Italian pastes, from the plains of Pisa. Specimens of superfine Italian pastes.

RINDOLFI, Marquis C. Florence.—Fir-cones and fir-nuts, called pinoli tenerissime, from the exhibitor’s estates.
GRASSI, C. T. Lucca.—Olive oil, from the exhibitor’s estates on the hills of Lucca.
RUSCHEI, Bortizzino, Pisa.—Olive oil, from the exhibitor’s estates at Calci, near Pisa.
PARKIN, D. Pisa.—Olive oil, from the exhibitor’s estates at Buti, near Pisa.

PACCHINI, C. A. Siena.—Olive oil, from the exhibitor’s estate in Castellina-marittima, near Siena.
FASORCELLI, D. Arezzo.—Corn, called marguoto, supplying straw for brooms. Madder-roots from the Medemme, and other localities in Tuscan; the same roots, pounded and reduced to powder. Specimen of Indian-corn, straw for brooms from Campolino, near Florence. Specimen of brooms such as are used in Tuscan, made of the straw. Collection of specimens of Tuscan woods, used for domestic and rural purposes.

LUCHERIUSCHI, B. Florence.—Specimens of cocoons of silk-worms reared by the exhibitor from 1849 to 1850.
SCOTTI Bortizzono, Florence.—Raw silk, from the exhibitor’s spinning-mills.
TUSCANY.

Ipp, L. D. Florence.—Raw silk, from the exhibitor's spinning-mills.

Poncianerdi, N. Portia, near Florence.—Raw silk, from the exhibitor's spinning-mills.

Petrarca, G. C. Sienna.—Raw silk, from the exhibitor's spinning-mills.

Pezzani, G. C. Sienna.—Raw silk, from the exhibitor's spinning-mills.

Papini, G. A. C. Sienna.—Raw silk, from the exhibitor's spinning-mills.

Framance, G. Prato.—Raw silk, from the exhibitor's spinning-mills.

Rimini, Signora A. Fittia.—Raw silk, from the exhibitor's spinning-mills.

Mancini, C. G. Barga.—Raw silk, from the exhibitor's spinning-mills.

Davoli, L. Loro.—Raw silk, from the exhibitor's spinning-mills.

Leoni, T. Nudiglione.—Raw silk, from the exhibitor's spinning-mills.

Maraschi, P. Marradi.—Raw silk, from the exhibitor's spinning-mills.

Zamboni, P.—Raw silk, from the exhibitor's spinning-mills.

Cassini, G. F. Chialemo.—Raw silk, from the exhibitor's spinning-mills.

Bavi, Prof. F. Pisa.—Raw silk from silk worms, reared upon leaves of the Philippine mulberry.

Collaccioni, G. Borgo San Sepolcro.—Three merino fleeces, three from the flocks belonging to the exhibitor.

Estate of the Alberese, belonging to H. T. and R. H. the Grand Duke of Tuscany.—Three fleeces of cross-bred merino sheep, from the sheep-folds of the Alberese.

Estate of the Badola, belonging to H. T. and R. H. the Grand Duke of Tuscany.—Three merino fleeces of the sheep-folds of the Badola.

Zocchi, L. Florence, Inv.—Machine for carrying heavy burdens, which the exhibitor has named a penetroforo.

Fazini, E. Lecce, Inv.—Model of a locomotive with a patented system.

Gessielli, Professor T. Florence, Inv.—Machine for measuring plane surfaces, executed under the exhibitor's direction by order of N. T. and H. H. the Grand Duke of Tuscany, to whom it belongs.

Dri, A. & M. Florence, Inv.—Organ of a new construction, enclosed in a box, covered with a bellows made by M. A. Barbetti, of Sienna, and gilt by Mr. Vincenzo Stolgi, of Florence. Another organ, also constructed by the exhibitor.

Cattie, Mrs. Florence.—Specimens of combs for silk weaving, from the exhibitor's manufactory in Florence.

Pavolini, P. Vasa, Mann. and Dyer.—Various tissues.

Mancini Brothers, Mannochio, near Vasa, Mann.—Various tissues.

Framance, F. Prato, Mann.—Blankets in soss silk tissued.

Rippe and Maffei, Florence, Mann.—Brocade of gold and silk.

Cottiniano, M. Florence, Mann.—Cotton and silk tissues for carriages.

Cesi Brothers, Marcello, near Pistoria, Mann.—Endless felt for paper making. Specimens of paper.

Veri & Sons, Prato, Mann.—Straw bonnets.

Maffei, Florence, Mann.—Straw bonnets.

Mariano, S. Pontedera.—Sword, with the hilt and ornamental plate in gilt silver, a well finished chiselled work.

Battistelli, P. & S. Leghorn.—Pink marbled coral dress, consisting of collar, brooch, pins, and buckles.

Nardi Brothers, Montelupi, near Empoli.

Man.—Chemical apparatus in glass, and other objects for domestic and commercial use.

Coppa, L. Florence, Mann.—Stove in terracotta.

Giudici, the Marchion Lorenzo, Florence.—Several objects in china, from the manufactory on the exhibitor's estate at Rovella, near Florence.

Royal Foundry, Florence.—Specimen of cast-iron of the first melting, a tabernacle. Another specimen of cast-iron of the first melting, a flower basket.

Barretti, A. Sienna.—Piece of furniture for a dressing-room, consisting of a console and a plate-glass, carved by the exhibitor, and of the richest workmanship. Dressing-table, carved in walnut, after the Greek style.

Lanari, A. Sienna.—Frame in wood, carved by the exhibitor.

Barreti, E. Sienna.—Frame in carved wood, by the exhibitor.

Basso, L. Lucca.—Two basso-relievo in ivory, carved by the exhibitor.

Marchesi, L. Sienna.—Frame for a glass-plato, in wood, carved by the exhibitor.

Bonaventi, C. & Sons, Florence, Mann.—An armchair, carved and varnished to imitate china.

Davis, A. Florence.—Architectural model executed by the exhibitor, to show the application in marquetry of walnut sheets upon corneilles, however complicated, without being out at the angles. Joining of sliding-rules, with grooves very complicated and difficult.

Pasqui, H. Avezzo.—Frame in wood, carved by the exhibitor.

Falcini Brothers, Florence.—A large chair, after the style of the 16th century, inlaid in woods of several colours, forming a rich design of flowers and ornaments.

Polla, F. Florence.—A desk inlaid in woods of several colours, forming a splendid design of flowers of various kinds. The top of a table inlaid in woods of several colours, with figures and ornaments after the style of Raffael.

Raggi, E. Chinig.—The top of a table, inlaid in woods of several colours, forming a design of flowers and various ornaments.

Edwards, P. Leghorn.—A rectangular ebony table, supported by ornamented carved feet, with a top inlaid in various woods and mother-of-pearl.

Conza, P. Leghorn.—A square table of angela, with a top inlaid in woods of various colours.

Marzetti, A. Chinig.—A frame inlaid in woods of various colours.

Guidotti, G. Lucca.—Four fusts of columns in coloured marble, from the quarry of Piasaggia, near Lucca.

Three tables, two round and one rectangular, in coloured marble, from the same quarry.

Ibelis, Count G. Florence.—Two tables in red marble, from a quarry belonging to the exhibitor in the Tuscan Maremma.

Nevi, L. Prato.—A round table in marble, called "Verde di Prato," from quarries belonging to the exhibitor near that town.

Maffei, C. G. Volterra.—A fust of a column from the quarry of Monte Rufoli, near Volterra, belonging to the exhibitor: the fust is the property of H. T. and H. H. the Grand Duke of Tuscany.

Vanciattichi, Marchion, Florence.—A table of marble, called "lumache," from the exhibitor's quarry near Florence. Two small tables in very hard marble, from the torrent Marnia, near Vallombrosa.

Pascuale, G. Florence.—A specimen of sculpture.
in lithographic stone, from a quarry on the exhibitor's estate. A table of Cipollino marble, from the quarry of Elba Island. A broccatello marble, from the quarry of Caldas, near Campiglia. A table of marble called "Porta Santa," from Caldas di Etr. A table of eastern alabaster, from the quarry of Ashei. Two small columns of broccatello of Caldas, with the capitals in yellow marble from Siena. A small column of light hardi, from the quarry of Campiglia.

GIOVANNI, P., Florence.—Flag-stones in lithographic stone, inlaid in stone, very hard, and resisting any kind of rubbing.

FIEMMES, G., Lehigh. White cable, from the exhibitor's manufactory in Lehigh.

PARLANT, E., of Borgo a Buggiano.—A very elaborate embroidery, frame in tapestry.

TOTTI, L., Florence.—Five cases in small pieces of horn of various colours, with tops in gilt bronze.

CERU, C., Lucce, Mass.—A horse's bit.

CORM, G., Empoli, Mass.—A lock of particular mechanism.

DUFOUX, Prof. A., Florence, Sculptor.—The Curse of Cain, a marbles statue by the exhibitor, and cast in bronze by Mr. C. Papi; the property of H. I. and R. H. the Grand Duke of Tuscany. Abel murdered by his brother Cain, a statue in marble by the exhibitor, and cast in bronze by Mr. C. Papi; the property of H. I. and R. H. the Grand Duke of Tuscany.

COSIRILLI, Prof. A., Florence, Sculptor.—Christopher Columbus unavowed to the three parts of the world then known, displayed according to their geographical order, forming a group of four figures, modelled in plaster by Prof. A. Castoli, and cast in bronze by Mr. C. Papi; the property of H. I. and R. H. the Grand Duke of Tuscany.

VITRA, L., Florence, Sculptor.—Hagar and her son Ishmael, a group in marble.

BEVILACQUA, Prof. L., Florence, Sculptor.—Bacchus reclining, a statue in marble of Bavarone, in Tuscany.

CHEVRIER, G. & Sons, Volturna.—A large alabaster vase, after the Etruscan style.

FEROCIO, P., Florence, Sculptor.—Psyche, a statue in marble, with a pedestal.

ROYAL MANUFACTORY, known under the name of the IMPERIAL AND ROYAL GALLERY OF HAND-MADE WORKS.—A mosaic table in hard pebbles, of a circular form, the center of 1-75 m. radius, of the ground of eastern Egypt; the table belonging to H. I. and R. H. the Grand Duke of Tuscany. The centre represents Apollo in his quadriga, surrounded with flowers, supported by clouds, and drawn by four steeds; circumscribed by a wreath of roses around its nine compartments; adorned with bouquets of acanthus leaves, which contain the appropriate emblems of the Muses: a large circular band represents 36 bouquets of various flowers, the whole surrounded by another band containing 135 small ornaments, forming an elegant contour.

BUONINCHI SISTERS, Florence, Mass.—A round table in mosaic; the table represents a wreath with a bouquet in the centre.

BLANCHI, G., Florence, Mass.—A round table in mosaic: the table represents a wreath, with the Florentine lily in the centre.

DELLA VALE BROTHERS, Lathom, Mass.—A rectangular table in scagliola, with various ornaments, and entirely inlay, in imitation of works in hard pebbles. A round table in scagliola, representing Galileo visited by Milton in his prison at Rome, with several emblematic ornaments, partly inlay. A vase in scagliola, entirely inlay, after the Etruscan style.

PAPA, G., Florence.—Basket of flowers, taken from nature in one cast, with the stand also from nature, and in a single piece; the whole composed and cast by the exhibitor.
31. GLOVER PRINT COMPANY—Chapel, W. J.—Falls River, Massachusetts.—Printed calicoes. These prints are on a cloth containing 60 by 64 plaits, averaging about the same count as the British 65's.

33. POPE, J. Memphis, Tennessee.—Specimen of ginned cotton.

34. JONES, White, & McCardy, Philadelphia, Pennsylvania.—Artificial teeth and Gold foil. Exhibited for natural appearance, and other good qualities.

34. BILLINGS & ABBOT, Inv. Clarendon, New Hampshire.—Method of connecting hubs and axles.

35. LOWE'S, London, Godfrey Brothers, Providence, Rhode Island.—Cotton goods.

36. RYAN, Xavier, Philadelphia.—Perfumery and soaps.

37. BOSTON, S. Memphis, Tennessee.—Specimen of ginned cotton.

37. LEARNED & REYNOLDS, Indianapolis, Indiana.—Flour Extractor.

38. PALMER, Frank B. Philadelphia.—Artificial leg; made on a new principle; it has the tendo achillis, flexor and extensor, and muscles.


40. LACKEY & FIELD, Philadelphia, Pennsylvania.—Saddlery and harness.

41. BOEY, M. A. Philadelphia.—Daguerreotypes.

42. LASTER, W. F., Philadelphia.—Photographic magic lantern slides.

43. WHITEFIELD & BROTHERS, Philadelphia, Pennsylvania.—Four bottles of chemicals and a sample of white lead.


45. OAKLAND, C. Philadelphia.—Molasses hats, White Rocky Mountain beaver, and lady's riding-hat.

46. CORBETT & C., Philadelphia, Pennsylvania.—Lamps, chandeliers, and gas fixtures.

47. WADDLE, S. Philadelphia.—Artificial block teeth.

48. HOWELL & BROTHERS, Philadelphia.—Paper hangings.

49. HUBBARD, T. J. Mann, Philadelphia, Pennsylvania.—Specimen of calcined magnesia.

50. MATTHEW, T. W. Philadelphia.—Travelling trunk.


52. DUNEL, P. S. Philadelphia.—Chromo-Lithographs and transfer from copper-plates to stone.


55. HAYTON, E. Philadelphia.—Enamelled hollow-ware.

56. YOUNG & ORI, Philadelphia, Pennsylvania.—Artificial leg.

57. LEFFERT, Grangeman, & Co. Philadelphia.—Various books, and specimens of bookbinding.

58. HICKER & TOLLE, Philadelphia.—Two trunks.

59. MATHES, C. Philadelphia.—Planoformes, constructed with iron-plate frames, particularly adapted to damp and warm climates.

60. KEEN, J. Philadelphia.—Samples of cod-liver oil.

61. REYNOLDS, B. J. Philadelphia.—Artificial teeth.

62. BOCKINGHAM, T. L. Philadelphia.—Artificial teeth, mounted in silver, galvanised.

64. McCallum, J. Baltimore, Maryland.—Specimen of netting machines.

65. HARRISON, O. Baltimore, Maryland.—Keeping and mowing machine.

66. DETMOLD, C. E. Prop. Lonscoming, Massachusetts.—Specimens of pig-iron, iron ore, coal, and coke.

67. HUTCHINSON, F. Baltimore, Maryland.—Fancy soap.

68. CHAPMAN, J. L. Baltimore, Maryland.—Glassware.

69. BARLOW, T. H. Lexington, Kentucky.—A planetarium.

70. MCCULLOCH, S. D. Lexington, Kentucky.—Specimen of Burrough's mustard.

71. COLEMAN, Mrs. C. Louisville, Kentucky.—Three bed quilts.

72. PERRY, J. Narragansett, Rhode Island.—Meat cutters, adapted to a variety of purposes.


74. TALLER, C. W. Hucksberville, Pennsylvania.—Specimens of Anthracite coal.

75. SMITH, J. Philadelphia, Pennsylvania.—Weaver's heddle.

76. AKER, O. M. D. Honesdale, Pennsylvania.—Specimens of dentistry.

77. WHEELER, W. B. & C. R. Rochester, New York.—Bevelled sawing machine.

78. LLOYD, L. J. Maker, Albany.—Harness exhibited for manufacture. Lady's whalebone trunk. Gentleman's whalebone trunk. The locks of these trunks are exhibited for novelty of invention.


80. HYRelease, J. A. Albany.—Prepared animals, birds, and fishes.


84. KIRKLAND, R. B. Greenbush, New York.—Sample of Indian corn.

85. AMERICAN CHAIR CO. Manuf. Troy, New York.—Chairs with patent centripetal springs and railroad-car seats.

86. SMITH, L. Troy, New York.—Saw machine.

87. MCVAY, R. B. New York.—Natural-colour American silver-martin muffs, Victoria boa, and guanos, made from the skins of animals abounding in the State of North Carolina. The colours are considered to be very beautiful, the choice of each having been made out of 1,000 skins.

88. SPARKS, C. New York.—Two machines to be used in bookbinding; one for backing, the other for finishing the backs. These machines are intended to be kept in operation during the Exhibition.

89. SPARKS, C. New York.—Books for the blind: two Bibles, Qurano Bible, to show the style of work affected by the finishing machine described in Section II.


91. STAPLETON, S. N. Troy, New York.—Fourteen ploughs.

92. TRUST, E. 20 West Street, New York, and 36 East 23rd Street, Wharf, Boston. Two types, of 16 feet each; made of one stick. Four cars, of common stock, in the finished state. Four cars, in the rough state, as left by the machinery. Pair of cars, decorated: intended as a present
for His Royal Highness the Prince of Wales. Pair of model cars, with pens; intended to be offered to the Lords of the Admiralty.

98 MILWARD, J. & Bow, New York.—White Parmelia bromeliata.

99 HUTCHISON, G., Windsor, N.Y.—Nodle-iron, tea-block, and bridge-ten, for saw-mills.

100 St. John, J. B. Inv., Buffalo, New York.—Self-determining variation compasses.

101 Mix & Gardner, Schenectady, N.Y.—Model of a wagon.


105 Learner & Thatcher, Albany, N.Y.—Chandler's stove for the parlour; a "golden age" parlour-cooking stove.


107 Plant, Z., Patriciaville, N.Y.—Samples of leather; various specimens of lithography.


109 Beal, T., Morrison, N.Y.—Farm products: Spring wheat; winter wheat; Mediterranean wheat; White flour wheat; barley; rye; buckwheat; oats; Indian corn; Indian corn in the ear; broom corn; flax, millet, clover, and timothy seeds. Groom brush.

110 Oswego Spars Co., Oswego, N.Y.—Samples of starch manufactured from Indian corn.

111 Evans, O. S., Buffalo, N.Y.—Specimens of daguerreotyping.


113 Wells, L., Rochester, N.Y.—Agricultural implements. Wheel cultivator, used to prepare land for wheat, by once ploughing only.

114 Lease, Mrs. J., Albany, N.Y.—Needlework: Satin patchwork cradle-quilt; satin nursery-beaker; merino embroidered under-shirt; linen stitched and corded slip; cambric shirt; infant's articles; mourning articles of various kinds; polka dress-cap, with narrow white satin piping.

115 Mead & Brothers, New York.—Daguerreotypes.


117 Field, J., New York.—Ivory articles; one comb,

having 150 teeth in the inch, was cut by manual labour. Exhibited for workmanship.

118 New York State Institute for the Blind, New York.—Willow, bead, silk-work, &c., manufactured by the blind.

119 Boston's First Glass Co., Brooklyn, N.Y.—Specimens of flint glass.

120 Hecker & Bro., Croton Mills, N.Y.—Twenty boxes of farina, prepared from wheat. Samples of fine and coarse hominy. Samples of flour, from wheat grown in the Genesee Valley, in the state of New York. Sample of baker's flour, and of wheat. Glass jars containing samples of the grain.

121 Peck, R. J., Pelham, N.Y.—Specimens of American forest and other woods.


Red and embroidered morning slippers.

123 Tuckerman, E. G., Prop., New York.—Model of a machine for tempering saws.


125 Simmons & Co., New York.—Specimens of axes and edge tools.

126 Chevalier, J. D., New York.—Dental instruments.


132 Atlantic Dock Mills, Brooklyn, N.Y.—Specimens of flour and farina from Indian corn.

133 Rogers, J., New York.—Telegraph registers and keys.


135 Conklin & Reedgate, Prop., New York.—Four light chairs.


137 Blakeley, J., Prop., North Castle, New York.—Samples of Merino wool.


139 Clarkson, V., Manh., New York.—Two gossamer wings. Two gossamer scalps.

140 Browne, L. Mann., Brooklyn, N.Y.—Six gold pens and cases.

141 Woodcock, F., Brooklyn, N.Y.—Specimen of oil cloth.

142 Fiske, M. J., New York.—Specimens of Indian rubber shoes.

143 Brady, M. B., New York.—Daguerreotypes; likenesses of illustrious Americans.

144 Acknowledgments, G. A., Prop., New York.—Jennings's permutation locks.


146 Gwynne, J. S. Inv. and Mann., New York, and 1 Agar Street, Strand, London.—Gwynne's patent balanced centrifugal pumps. This pump has a rotary movement, and is without valves, excentrics, or other contrivances which consume power in friction.

147 Cochran, J. W., New York.—Brick machine.

148 Brady, D'Avignon & Ottley, Prop., New York.—
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148 [Name].

149 [Name].—Model of a water-wheel, furnace, &c.

150 [Name].—Self-operating oil-press.


152 [Name].—Iron bridge Co. New York.—Iron bridge.

153 [Name].—Railroad horse-power seed-planters.

154 [Name].—Carburettor.

155 [Name].—Sample of oil of peppermint.

156 [Name].—Sample of extra Genesee flour.

157 [Name].—Sample of wheat, the property of the exhibitor.

158 [Name].—Sample of extra Genesee flour.

159 [Name].—Sample of wool, the property of the exhibitor.

160 [Name].—Sample of cotton.

161 [Name].—Sample of cotton.

162 [Name].—Sample of cotton.

163 [Name].—Sample of cotton.

164 [Name].—Sample of cotton.

165 [Name].—Sample of cotton.

166 [Name].—Sample of cotton.

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208 [Name].—Sample of cotton.

209 [Name].—Sample of cotton.

210 [Name].—Sample of cotton.

211 [Name].—Sample of cotton.
230 SCHOOLEY & HOUSE, Cincinnati, Ohio.—Samples of hemp and shoulders.
231 PAPKES & Brown, Akron, Ohio.—Sample of fine combing wool.
232 MOREHOUSE, WHITNEY, & Co., Cincinnati, Ohio.—Sheet iron made from iron ore, the produce of this State.
233 RITTENBERG, East Liverpool, Ohio.—Water-vase, manufactured from fire brick clay.
234 SCHUMANN, C. A., Cincinnati, Ohio.—Specimens of Catawba wine.
235 WISEMAN, ROBBINS, & WHITMAN, Cleveland, Ohio.—Specimens of curled hair.
236 WESTERN FIRE COMPANY, Cincinnati, Ohio.—Hose carriage.
237 TROTMAN, J., Cincinnati, Ohio.—Saddle trees.
238 HOLLAND & STANLEY, Mass., Cincinnati, Ohio.—Winter strained hemp oil, made from hemp procured from the bog by the action of steam.
239 HOOCH, J. J., Columbus, Ohio.—Joiner's panel or grooving plough.
240 BURGESS, M., Providence, Rhode Island.—Autumnal leaves.
241 BURLETT, S. G., Gilmanton, New Hampshire.—Shoepacks.
242 READ, C. A., Oswego County, New York.—Model of a fluted fulling mill.
244 AHRENS & AVEN, New York.—Articles for dentistry.
246 BROWN, B., New York.—Articles for dentistry.
247 GODWIN, T., New York.—Specimen of mechanical inventions.
248 HILLS, S., New York.—Stair rods, copper rivets, &c.
249 ARMSTRONG, S. T., New York.—India rubber air pontoons.
250 ALCOCK, J. New York.—Articles for dentistry.
251 LYON, E., New York.—Magnetic powder for the destruction of insects.
252 BAILEY, W. T., New York.—Jackson's annunciator.
253 HARRISON, C. C., New York.—Camera.
254 HARRISON, C. C., New York.—Daguerreotypes.
255 THOMPSON, W. M., New York.—Pictorial bookbinders' stamps.
258 THORNTON, FRANCIS, New York.—Articles in shirt-making and laundry work.
259 BARTON, C. D., Keeseville, New York.—Magnetic oxide of iron from Peru Mine, Clinton, New York, weighing 600 lbs. Box of magnetic oxide of iron from Boston Ore Bed, in Essex county, weighing 100 lbs.
260 TUCKERMAN, E. G., Prop. New York.—Air exhausted coffon, intended to preserve the dead from putrefaction. Air-exhausted fruit-box, for preserving fish, fruit, game, &c.
262 HUGGINS, L. C., Vernon, New York.—Miniature steam-engine, made by the exhibitor.
263 GENIE, J. N., Mann, New York.—Hats and caps.
264 BLAKE, W., Inv., New York.—Specimens of fire-proof paint.
265 CLARK, R., New York.—Sample of oatmeal, manufactured at Clark's Mills, in Oswego County, New York.
266 PAPKES & Brown, Utica, New York.—Bale of fine wool.
267 ALLARD, G. F., Prop., Utica, New York.—Telescopic tube.
268 SEARLE, C. New York.—House's printing telegraph.
269 THOMPSON, L. S., Shenango, Long Island.—Specimen of wheat.
270 URBAN, W. E., St. Louis, Missouri.—Specimen of lead ore. Found in Franklin County, in the State of Missouri.
271 WHEATON, E., juni., Baltimore, Maryland.—Railway, horse-power, and straw-cutter.
272 THOMPSON, Rev., to Burlington, Vermont.—Specimens of Vermont woods.
273 COOK, J., Burlington, Vermont.—Burlington mill cloths.
274 WILLIAMS, MARY, Woodstock, Vermont.—Specimens of bird's eye maple veneers.
275 DRAKE, J., Proct., Manchester, Vermont.—Sample of maple sugar, and jar of fine maple molasses.
276 HARRIS, W., Rutland, Vermont.—Sample of maple sugar in a tin box.
277 CULVER, J., Manuf., Rutland, Vermont.—Samples of slate pencils.
278 FEE, MRS. C. P., Burlington, Vermont.—Silk hose.
279 FISHER, J. S., Burlington.—Two silk handkerchiefs. Two specimens of marble, black and white.
280 PRINCE, U. H., Colechester, Vermont.—Specimen of pure limestone.
281 CULVER, H. W., Burlington, Vermont.—Sample of wheat flour.
282 BENNETT, J. R., St. Alban's, Vermont.—Specimens of brass spring tresses.
283 MCCLELLAN, E., Newbury, Vermont.—Sample of American polish, supposed to be superior to emery.
284 KITTERIDGE, W. O., Mount Vernon, New Hampshire.—Corn-husk matting.
285 REED, P., Pittsburgh, Pennsylvania.—A bust of Bishop Upfold.
286 HALL & BURK, Pittsburgh, Virginia.—Iron centre plough.
287 EAKINS, S., Pittsburgh, Pennsylvania.—Galvanized plastic hydrometer.
288 EAKINS, A., Homesdale, Pennsylvania.—Pump.
289 EAKINS, A., Homesdale, Pennsylvania.—Pump.
291 BROWN & WEBB, Philadelphia, Pennsylvania.—Specimens of tools.
293 POLLEY, J. B., Osborn, Pennsylvania.—An alphabet.
294 POWELL & WEIGERT, Philadelphia, Pennsylvania.—Chemicals.
295 FREHSL, T., Inv., Philadelphia.—1. Mathematics simplified on geometrical principles. 2. Dial of the season, a chart illustrating the sun's declination at all seasons, with the effects of light and heat on animal and vegetable life in all climates. A book explanatory of the chart.
297 HOBSON, P., Richmond, Virginia.—Specimens of manufactured tobacco.
298 SIMS, E. H., Buckingham County, Virginia.—Specimens of iron ore.
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296 RICHMOND, T. & S. Richmond, Virginia.—Sample of manufactured tobacco.
299 BRAXTON, C Haskell, Hakover County, Virginia.—Specimen of quartz ore.
370 INSTITUTE OF THE BLIND, Richmond, Virginia.—Specimen of books, types, &c.
371 JONES, Gen. J. H., Fluvanna County, Virginia.—Specimen of iron ore, soap-stone, and other minerals.
372 DILL & MCBETH, Producers, Richmond, Virginia.—Specimen of manufactured tobacco.
374 SUTHERLAND, E. H., Buckingham County, Virginia.—Specimen of roofing slate.
375 SUTTER, E. H., Buckingham County, Virginia.—Slab of slate.
376 JENKINS & CLAGHORN, Richmond, Virginia.—A gentleman's saddle.
377 HOBSON, P. Buckingham County, Virginia.—Specimen of gold ore.
378 PATTERSON, B. S., Alexandria, Virginia.—Specimen of iron ore.
379 PAGE, W. Prop. Nelson County, Virginia.—Specimen of furs.
386 BAVILE MANUFACTURING Co., Richmond, Virginia.—Envelope paper.
382 BOWERS, —, Buckingham County, Virginia.—Specimen of quartz rock.
384 PAYNE, J. H., Man, Richmond, Virginia.—Specimen of tobacco.
385 MAFFIN, S. Richmond, Virginia.—Specimen of minerals.
386 FARRINGTON, A. C. Prop. Newark, New Jersey.—Apasite. Some of the specimens exhibited are pure Franklinite iron.
387 DUMONT, P. S., Patterson, New Jersey.—Silk plush for hats.
388 MORGAN, J. S., Tuscaloosa, Alabama.—Specimens of cotton.
389 CULMER, Gov. W. Prop. Montgomery, Alabama.—Minerals, collected and forwarded under the direction of the Governor of the State of Alabama, intended to illustrate the mineral wealth of that State.
390 STRICKLE, E., Providence, Rhode Island.—Blacking.
391 ANDERSON, A. H., Honesdale, Pennsylvania.—Specimens of mechanical dentistry.
392 TAYLOR, H. F. & W. C., Philadelphia, Pennsylvania.—Transparent stones, intended to represent stained glass.
393 EATON & CO., J. M., Norwich, Connecticut.—Planing moulding machines, &c.
394 HAYWARD RUBBER Co., Colchester, Connecticut.—Specimen of India-rubber boots and shoes.
395 GOODRICH RUBBER Co., Naugatuck, Connecticut.—India-rubber.
396 PENFIELD & CAMP, Middletown, Connecticut.—Judge's medicated liquid cuticle.
397 COCHRAN, J. W., Agent, New York.—Improved railway switch.
399 DAY & NEWELL, New York.—Paraoptic perforating locks.
400 LAYTON, J. E., London, New York.—Specimen of finished wheat.
401 FORD, H. MAN, Baltimore, New York.—Specimen of Kansas wheat flour.
402 COBB, W. & Co., New York.—Samples of pearl starch.
403 GRAY, D. J., New York.—Artificial human eye.
408 SIMMONS, Mrs. W., New York.—Millinery.
405 OULINE & ANDERSON, Lynchburg, New York.—Samples of tobacco, manufactured out of natural honey-flower, bright sun-cured leaf, the growth of Roanoke County, Virginia.
406 MACK, J., & Sons, New York.—Specimens of spermaceti and candles.
407 MACK, J., & Sons, New York.—Spermaceti and candles.
408 MACK, J., & Sons, New York.—Self-locking and repeating pistols, with stocks of ivory, and rosewood, mounted with steel and gold.
409 DAY, H. H., New York.—India-rubber manufactures.
410 BOURGEOIS, C., New York.—Hair work. Hair wig.
413 BOOKE, L. H., New York.—Model of a clipper ship.
415 BOYCE, A. J., Troy, New York.—Specimen of iron ore.
417 HOLMES, G. L., Memphis, Tennessee.—Samples of ginned cotton.
418 HENRY, J. F., Frederick County, Maryland.—Specimens of Indian corn and wheat.
419 COOK, W. & Sons, Baltimore, Maryland.—Samples of leaf tobacco.
421 GETHRO, M. B., Charleston, South Carolina.—Raised embroidery. Needlework.
422 GOLDING, M. C., Spartanburg, South Carolina.—Imitation Marseilles quilt; a specimen of needle-work by Mrs. Golding.
423 PETERSON, J., Columbus.—Gold-headed walking-stick, made from the curled hickory (Carya), a common forest wood.
424 SWEDESDON MANUFACTURING Co., Philadelphia, Pennsylvania.—Specimens of iron ore, nails, &c.—Magnetic iron ore, adapted for making steel.
425 SEABROOK, W., Charleston, South Carolina.—Sample of Sea-island cotton in seed, and of the long staple, or black-seed cotton.
426 HOBBY, W. R., Charleston, South Carolina.—Sample of Indian corn in the ear. Sample of tea (guimmis), commonly called flint corn, averaging about 30 bushels per acre.
427 TOWN, H. B., Charleston.—A variety of brooms.
428 COLE, S., Hartford, Connecticut.—Specimens of fire-arms.
430 NORTH WAYNE BAKERY Co., South Wayne, Massachusetts.—Specimens of scythes.
431 VENABLE MANUFACTURING Co., New Vale, New York.—Samples of manufactured tobacco.
434 HARRIS & LAWRENCE, Windsor, Vermont.—Rifles; with their various parts made to interchange.
439 BAGBY, Gen. A. F., Montgomery.—Sample of raw cotton.
430 LANE, D., Memphis, Tennessee.—Samples of ginned cotton.
381 Holmes, J. E., New York.—Model of a ratchet holding machine.
382 Lef, W., New York.—Specimen of sphalic iron ore.
386 Byrnes, J. Patterson, New Jersey.—Flow, and sewing silk.
388 Eastman, W. P., Newark, N. J.—Knitting machine, &c.
389 Seel & Moty, New York.—Bank and account books. One set was made to order for the City Bank, New York.
390 Haskell, M. S., &c., Mass. New York.—Samples of powdered drugs.
391 Oliver, T. New York.—Tailor's transfer and patterns.
392 Hotchkiss, W. Lawton, Kentucky.—Samples of Sullivan's winter wheat.
393 Hill, V. New York.—Samples of wheat flour.
395 Sprent, H. New York.—Clock.
396 Palmes, W. E., New York.—Specimens of two rubies.
397 Wadsworth & Sheldon, New York.—Specimens of prime mackinac.
398 Morahan & Beers, New York.—One box of tobacco.
399 Barlow, E., New York.—Articles for dentistry.
400 Baty, T. New York.—Improved serving mallets.
401 Fox & Folkes, New York.—A bolt of cotton duck.
402 Barlow Bros., New York.—Fire ladder, escapes, &c.
403 Winship, A. H., Choctaw Nation, Arkansas.—A book-mark.
405 Dennis, C. L., New York.—Model of a floating church.
406 Richards, B. W., Philadelphia.—Specimens of plumago.
407 Cline, T. L., Ashville, North Carolina.—Specimens of plumago.
408 Osbourn, M., J., Hartford, Connecticut.—American forest autumn leaves, in their natural colours.
410 M'Allister & Tanner, Louisville, Kentucky.—Samples of mustard.
411 Duffield, C. Prop., Louisville, Kentucky.—Specimens of smoked ham.
412 Duffield, C. Louisville.—Smoked hams in canvas.
414 M'Kenzie, M., New York.—Portable parlour green-house.
416 Stoughton, D., New York.—Specimens of penmanship, illustrating the portrait and character of Washington.
418 Whitlock, B. M., New York.—Sample of Henry County tobacco.
419 Barlow Brothers, New York.—A blast-furnace.
420 State of Maryland (by its Committee).—Cabinet made of Maryland woods.

378 Perry, P., Baltimore, Maryland.—Ice-cream freezer.
375 Harris, J., New York.—Model catcher and model key.
376 Hitchcock, W. L., New York.—Grass and corn scythes, manufactured from Norwegian iron, and Saudersen & Co.'s cast steel, by the North Wayne Scythe Company, in the State of Maine.
377 Wetmore, J. H., Baltimore, Massachusetts.—Daguerreotypes: Fails of Niagara.
378 Goodwin, C. N., New Haven, Connecticut.—India-rubber goods.
379 Usher, B., Louisville, Kentucky.—Plates and brackets of beef.
380 Bradly, W. M., New York.—“Kedge Anchor,” a work on practical seamanship, with illustrations.
381 J. & C. Cowan, New York.—Gold medal hunting lever watch.
382 Church & Cuffe, New York.—India-rubber shoes.
383 Tuff, J., New York.—Cane chair.
384 Maxwell, N., New York.—Autumn leaves.
385 Hayden, W., Willimantic, Connecticut.—Drawing frame for cotton, with an improvement for regulating the weight of the strand, called a drawing regulator.
386 Harris, M. E., New York.—An embroidered shirt.
387 Newton, J., Philadelphia.—Sample of Indian corn.
388 Wilder, A., Detroit, Michigan.—Revolving cylinder-engines and leeway indicator, with fog whistle for light-houses stations.
389 Polson, E. Manuf., New York.—Hair work, ventilating, printing, and trousse.
392 Stevens, H., New York.—Two jars of preserved peaches.
395 Torr, J. H., New York.—Combination types.
396 Raisch, Professor, A. D., Washington.—Standard weights, measures, and balances.
398 Wood & Tomlinson, New York.—Sporting wagon.
398 Whitby, M., New Orleans.—Sugar, pepper, and hemp.
399 Halling, M., W. New York.—Millinery.
399 Horace & Rogers, Boston.—Types, printing, and binding.
400 Reed, Chadwick, & Dexter, Boston.—Specimens of printing cloths.
403 Newell, H. J., Andover, Massachusetts.—Imitation of wood.
403 Upham, Appleton, & Co., Boston.—Glazing, casimères, &c.
404 Sible, Merriam, & Brewer, Boston.—Samples of cotton cloths.
405 Gray, T., & Co., Boston, Massachusetts.—Specimen of glazemakers' sand.
406 Ward, W. & J. W., Boston, Massachusetts.—Specimens of cowhide.
410 Fogg & Burbank, Boston.—Pegged boots and shoes.
411 Breed, N. A. & Co., Lynn, Massachusetts.—Children’s shoes.
412 Botsford, W. G., Boston, Massachusetts.—School desks and chairs.
413 Poole & Means, Boston, Massachusetts.—Specimens of ploughs.
414 Ford & Co., Boston.—Cooking ranges.
415 Bissell, R. C., Pawtucket, Massachusetts.—Hand-screws and other tools.
416 Ruggles, G. H., Boston, Massachusetts.—Specimens of mica, or slate, for stove doors, &c.
417 Chilton, Richardson & Co., Boston, Massachusetts.—Furnaces and stoves.
418 Dye, Haskett, & Co., Boston.—Centre tables.
419 Brown, C. A., Boston.—Specimens of teeth, forwarded by Dr. Morton.
420 Casket, H. Boston.—Specimens of bookbinding.
422 Thayer, J. B., Boston.—Samples of shoe pegs.
423 Gates, W., East Lee, Massachusetts.—Hay and measure forks, and hats.
424 Loring, G., Concord, Massachusetts.—Water pipes.
425 Turner, T., Weymouth, Massachusetts.—Samples of edge blacking for boot and shoemakers.
426 Atwood, G. B., (for Phoenix Manufacturing Company), Taunton, Massachusetts.—Black-lead crucibles.
427 Everett, A. Middlefield, Massachusetts.—Wooden bowls.
428 Lombard & Hall, Boston, Grindstone.
429 Robinson, C. & Co., Lynn, Massachusetts.—Specimens of boots and shoes.
430 Suttor, J. A., Boston, Massachusetts.—Specimens of purchase blocks.
432 Gilbert, A., Boston.—A gossamer wig.
433 Emerson, F., Boston, Massachusetts.—Ship ventilators.
434 Ford, M. & Co., Boston.—Improved cooking ranges.
436 Page, J. W., & Co., Boston, Massachusetts.—Samples of masonite prints and calico.
437 Parker, W. & Co., Boston, Massachusetts.—Samples of brown cotton drillings.
438 Hew, G., Boston, Massachusetts.—Pianofortes.
439 Howe, S. G., Boston.—Specimens of books for the blind.
441 Johnson, Sewall & Co., Boston, Massachusetts.—A variety of saws.
442 Gemminger, G., Boston.—Violins.
443 Woodbury, J. P., Boston, Massachusetts.—Wood planing, tonguing, and grooving machine.
444 Miles, G. Z., Richmond, Virginia.—Ladies’ and gentlemen’s saddles.
445 Maynard & Noble, Boston, Massachusetts.—Writing and copying tanks.
446 Poor, B. M., Charlestown, Massachusetts.—Model of a clipper ship, frigate, &c.
447 Lowell Machine Shop, Lowell, Massachusetts.—Power-loom lathes, dresser, brush, &c.
448 Sowders, A., Woburn.—Specimens of lithographic drawings.
449 Davis, W., Boston.—Model of a clipper ship.
450 Sprague, F. & Co., Boston.—Specimen of cast iron.
451 Whipple, J. A., Boston.—Daguerreotypes.
452 Cummings, J. A., Boston.—Tooth-wash and dentifrice.
453 Lawrence, A. A. & Co., Boston.—Manufactures.
454 Army, Patterson & Co., Boston, Massachusetts.—Samples of cottons.
455 Field, A. Taunton, Massachusetts.—Iron and copper tacks and nails.
457 Chickering, J., Boston, Massachusetts.—Pianofortes.
458 Hooper, H. N. & Co., Boston, Massachusetts.—Spicepots, in or in oil, and castings.
459 Morey, C., Boston, Massachusetts.—Machine for dressing, shaping, and ornamenting stone for architectural and other purposes. Invented by Robert Eastman, Esq., of Concord, State of New Hampshire, United States.
460 Stimson, G. jun., Boston.—Specimens of gold pens.
462 Adams, W. & Co., Boston.—Combination bank lock.
463 Bond, W. & Co., Boston, Massachusetts.—Electric clock and battery, &c.
464 Lawrence, Stone & Co., Boston.—Shawls and ceramics.
465 Bacon, J. F., Boston, Massachusetts.—Folding, pressing, and sewing machine.
466 Riddle, E., Boston, Massachusetts.—Specimens of an American coach, Prince Albert wagon, York waggon, and slide-top buggy.
467 Greenough, F., Boston, Massachusetts.—Statue: the Wounded Indian.
468 Gibson, W. New York.—Specimens of stained glass.
469 Feuchtwanger, Dr. L., New York.—A collection of gems, minerals, fresh-water shells, Indian relics, petrifications, &c., solely American productions. A mass of native copper, weighing 3,544 lbs., from the North West Mine, Lake Superior. A collection of crystalline arborescent native copper, from Isle Royal, Lake Superior. A cabinet of crystalline gems, native diamonds, gold, and copper. Two cabinets of small minerals.
470 Upfield, W., Lancaster.—Boot trees and patterns.
471 Addington, W. H., Norfolk.—Patent bellows; leather boots.
472 Perkins, S. M., Athens, Pennsylvania.—Felt gloves and mittens.
474 Evans, H. Manu., New Bedford.—Sample of cordage from Manilla hemp.
475 Adams, H., New York.—Portable saddle.
477 Patterson, New Brunswick, N. J.—Anthracite from Lehigh mountain.
478 Forch, Dr. S. S., New York.—Plated abdominal supporter.
479 Eisenhart, C. H., Baltimore, Maryland.—Flutes, &c. Printing machine for the blind.
480 M’Adams, J. & W., Boston.—Medium ledger, in Russia leather, with gilt sides and edges. Medium journal, in similar binding. Specimen-book of paper ruling, Turkey morocco, with gilt edges.
481 Dunlop, W. A., New Orleans, Louisiana.—Specimens of penmanship.
482 Reed, I. & Son, Philadelphia, Pennsylvania.—Specimens of gold pens.
483 Rodriguez, B., New Orleans, Louisiana.—Specimens of aerothermo, or hot-air ovens.
485 Howland, C., New York.—Improved bell telegraph.
486 Bognis, Miss M. A., Boston, Massachusetts.—Embroidery: The Raising of Jairus’ daughter.
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420 KIDDER, C. P. Boston. — Indian cap.
421 Dalby, J. E. Springfield, Otsego County, New York. — Self-adjusting shroud.
422 Thunbale, Jacob & Co. New York. — Samples of cotton.
424 Baker, J. B. Maker, Boston. — Specimens of harness.
425 Fuller, D. S. Minnesota State. — A Sioux saddle and hunter's belt; wrought by an Indian maiden.
428 Mayall, J. E. Philadelphia. — Daguerreotypes.
430 Henry, S. Charleston, South Carolina. — Brackets, made of the stalks of the broom corn.
431 Jewett, S. W. Middlebury, Vermont. — Sample of Indian corn, twelve-rowed variety, yellow; and a sample of Vermont products.

517 Libbey, S. Easton. — Maps of Germany.
518 Homer, F. L. — Carpet-broom.
519 Hough, R. M. Oliveau. — Two tiers of beef.
520 St. John, J. B. Inv. Buffalo, New York. — Aquatic velocimeter, for determining the velocity and the true distance run by ships, steamers, &c.
521 Finch, H. Inv. 17 North Andley Square, Grovener Square. — The exemplification of processes, in the applications of philosophical principles, in combination with the progress of engineering developments, for their practical adaptations, as motive forces, to the purposes of safer, rapid transit, and economy on railways. Exhibiting stages of comparative improvements, from the year 1825 to 1851.

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