

*J. Mitchell*



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26  
ADELAIDE

Jubilee International Exhibition

1887.

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OPENED 21st JUNE, 1887.

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Official Catalogue

OF THE

EXHIBITS.

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PUBLISHED BY G. H. CARGEEG, 87, KING WILLIAM STREET,  
ADELAIDE.

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**PRICE—ONE SHILLING.**

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ADELAIDE:

PRINTED BY WEBB, VARDON, & PRITCHARD, GRESHAM STREET.

1887.

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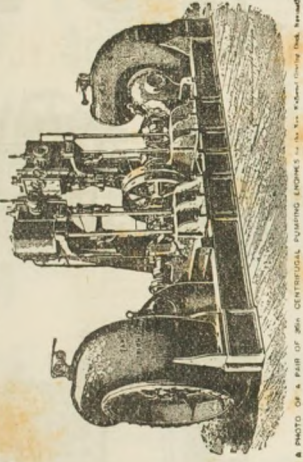
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FROM A PHOTO OF A PAIR OF THE CENTRIFUGAL PUMPING ENGINES IN THE "SPECIAL" CLASS



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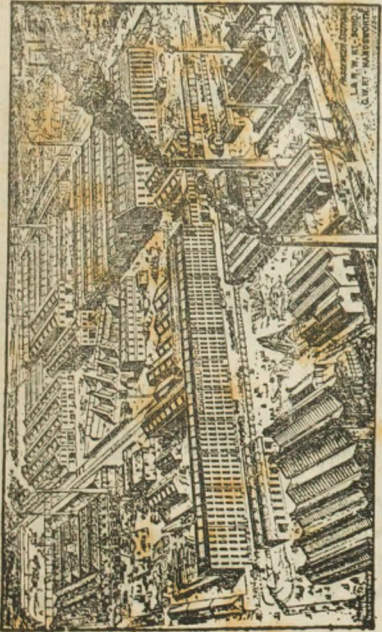
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AS BUILT FOR THE  
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TANGYES' STEAM ENGINE  
12 H.P. to 20 H.P. (Page 4)



TANGYES' BELFAST STEAM ENGINE  
1 H.P. to 10 H.P. (Page 11)



TANGYES' COLONIAL STEAM ENGINE  
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TANGYES' BELFAST STEAM ENGINE COUPLED  
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TANGYES' "ADO" STEAM ENGINE  
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TANGYES' STEAM ENGINE  
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TANGYES' BELFAST STEAM ENGINE  
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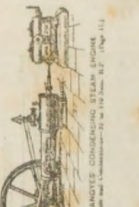
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TANGYES' CONDENSING STEAM ENGINE  
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## TANGYES' STEAM BOILERS

&c.



RECOMMENDED MULTITUBULAR BOILER  
12 H.P. to 20 H.P. (Page 11)



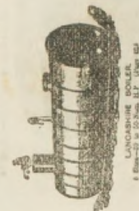
VERTICAL BOILER  
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VERTICAL MULTITUBULAR BOILER  
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"COLONIAL" TUBULAR BOILER  
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CONDENSING BOILER  
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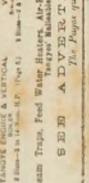
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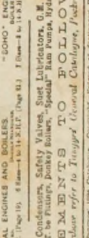
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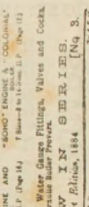
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CONDENSING BOILER  
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1 H.P. to 10 H.P. (Page 11)



CONDENSING BOILER  
1 H.P. to 10 H.P. (Page 11)

Winding & Hoisting Engines, Portable & Semi-Portable Engines, 3-Cylinder Engines, Special Boilers for Electric Lighting, Steam Engine Governors, Air Pump Condensers, Feed-Water Heaters & Steam Traps. FOR STEAM ENGINES WITH BOILERS, SEE ADVERTISEMENT NO. 3, TO FOLLOW IN SERIES. The Pages quoted above refer to Tangyes' Original Catalogues, Pocket Edition, 1894. [No. 2.]

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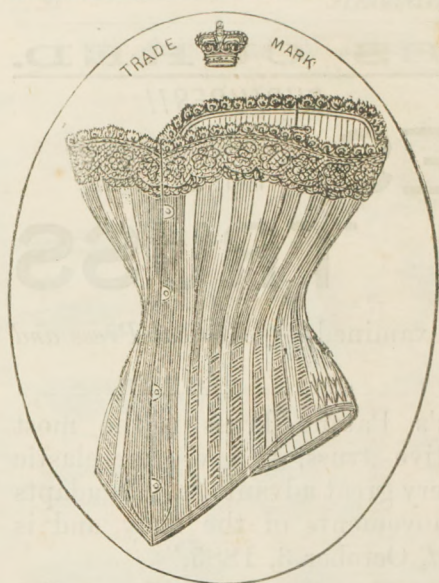
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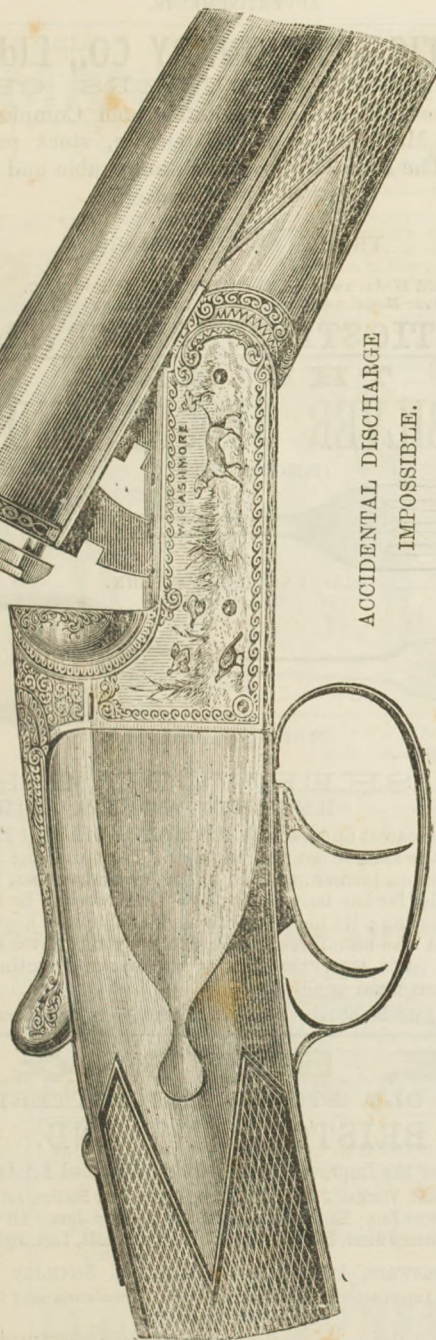
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
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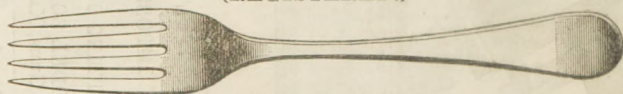
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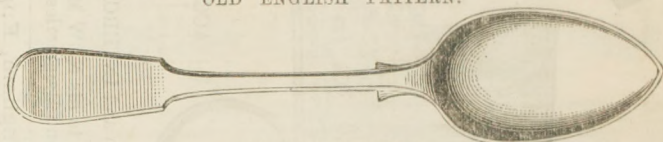
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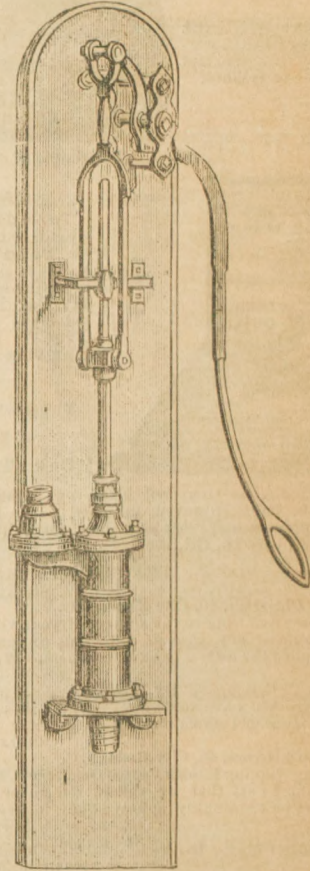
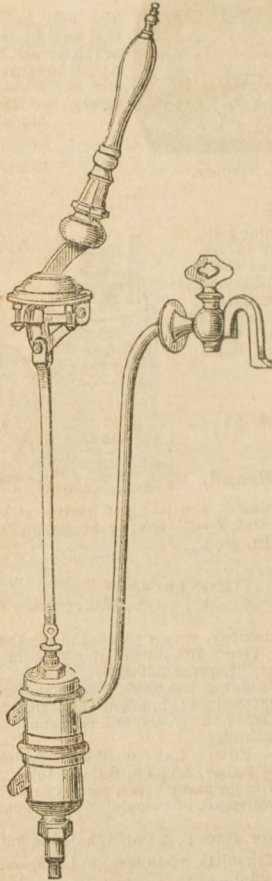
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Yates' new solid White Metal, Mandal Silver, BEER ENGINES and TAPS.  
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This nutrient restorative and stimulant is a powerful blood tonic, and a food that has been the means of saving many lives in low states of the system, as in typhoid fever, pneumonia, etc. It is invaluable in anæmia, and to Europeans in hot or malarial districts it is of the greatest service. The flavour is acceptable to the most delicate, and is especially liked by children. The preparation does not injure the teeth, constipate, or in any way disagree, and it is free from all objections; while the same aliments as it contains, if given separately, would in many cases cause untoward symptoms. Permanent good effects are further insured by the presence of beef.

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"Chlorate of Potash exercises great influence on mucous membrane."

The LANCET says:—"Of convenient size; they are beautifully made; and, as they dissolve slowly in the mouth, are well suited for throat affections."

**COMPRESSED CHLORATE OF POTASH AND BORAX "TABLETS."**

Borax is highly recommended by Budd for diphtheria, by Brunton for cracked tongue, by Watson for the aphthous ulceration which attends advanced stage of phthisis, while Waring speaks of it as very effectual for hoarseness and clergyman's sore throat, and Ringer advises its use in aphonia from over-use of the voice. An excellent way to prescribe Borax is in the Compressed Chlorate of Potash and Borax Tablets.

**VOICE "TABLOIDS."**

These contain COCAINE, Chlorate of Potash and Borax. Cocaine relieves irritation and dryness of the throat, restores the tonicity of the vocal chords, and effects a grateful secretion.

**PEPTONIC "TABLETS."**

Peptonic Tablets are a combination of Pepsin and Pancreatic Extract, in conjunction with the exquisite tonic and alterative: Lime Lacto-Phosphate. They are highly prized by dyspeptics.

**COMPRESSED SODA-MINT**

(OR NEUTRALISING "TABLETS").

Each Tablet contains Soda Bicarb. 4 grs.; Ammon. Carb.  $\frac{1}{4}$  gr.; Ol. Ment. Pip.  $\frac{1}{6}$  gtt.

The BRITISH MEDICAL JOURNAL says of these Tablets:—"They present a popular and efficacious combination in an agreeable form."

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Lanoline is the fat natural to the hair and skin, and is absorbed by these at once. It is the best basis known for ointments. It is soothing and grateful in the most irritable states of the skin.

The Lanoline Cold Cream is highly praised for abrasions, mucous patches, herpes, chapped hands, roughness, hardness, etc.

The Lanoline Pomade is alleged to soon make the hair smooth, silken and strong, and after employing it a little time the scalp becomes perfectly healthy and free from dandruff. The medical journals have recently contained reports of its successful use in alopecia.

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Is a valuable remedy in cases of SLEEPLESSNESS and WEAK NERVES. Bottles, 1/ and 2/ each.

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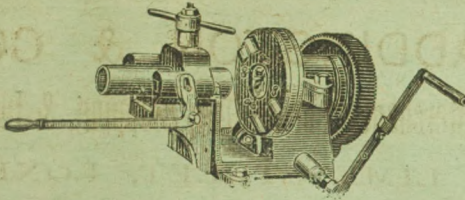
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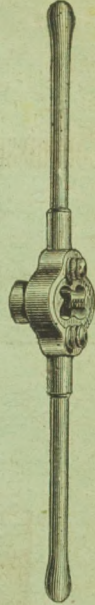
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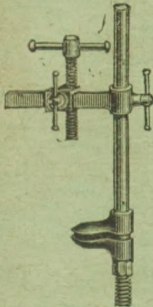
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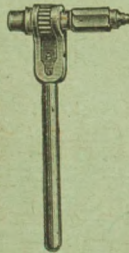
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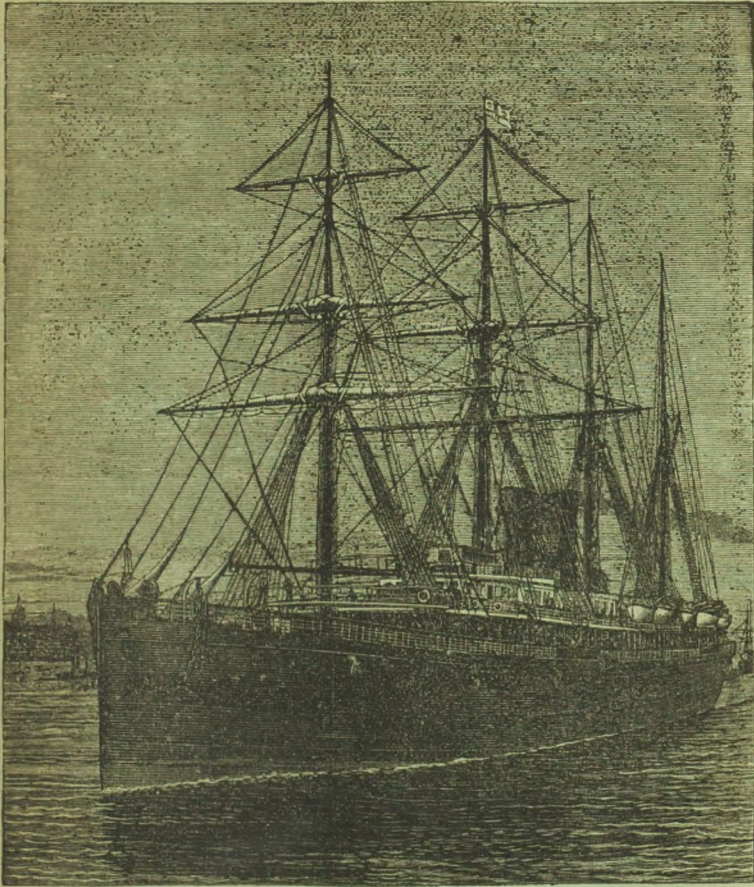
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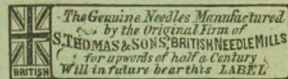
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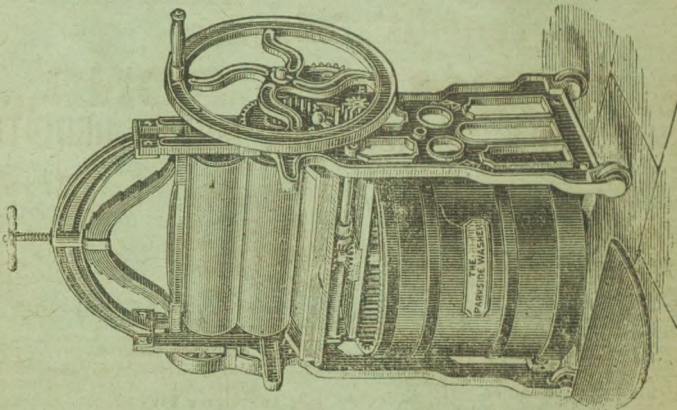
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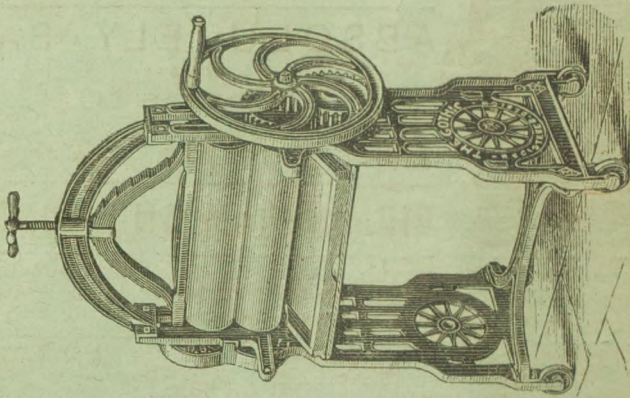
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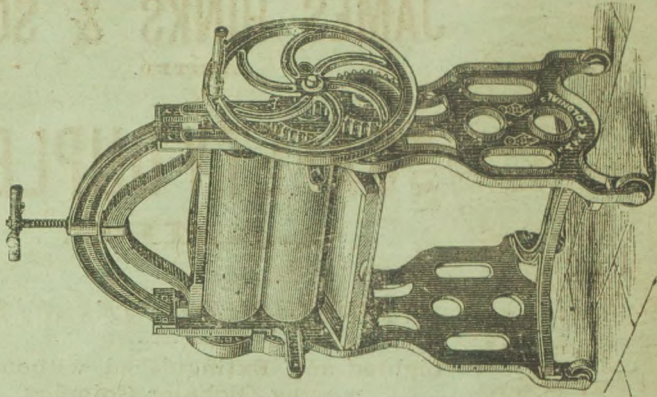
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The "COLONIAL."



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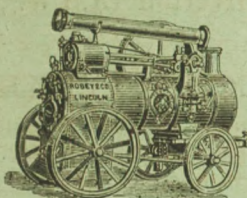
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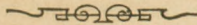
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OPENED 21st JUNE, 1887.

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OF THE  
EXHIBITS.



ADELAIDE:

PRINTED BY WEBB, VARDON, & PRITCHARD, GRESHAM STREET.

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1887.



# Adelaide Jubilee International Exhibition, 1887.

*SOUTH*



*AUSTRALIA.*

## ANNOUNCEMENT.

ADELAIDE, MARCH 1ST, 1886.

As South Australia will attain its fiftieth year as a colony December 28th, 1886, a desire has naturally arisen among the colonists to mark that event by some suitable public demonstration; and no way of gratifying this desire seems so appropriate or will be so beneficial as that of holding an International Exhibition.

Parliament has dedicated land for the purposes of the Exhibition, and sanctioned the expenditure of money in erecting the main building and laying out the grounds. The Exhibition will be conducted by the Promoters, whose names are appended, and such other gentlemen as they may appoint to assist in the management.

The age of the colony being coeval with the reign of Her Most Gracious Majesty Queen Victoria, the day for the opening of the Jubilee Exhibition has been fixed for the 21st June, 1887 (the completion of the fiftieth year of Her Majesty's reign).

Steps have already been taken for the construction of buildings of an appropriate character, with a minimum risk of fire; and these will be erected on the Adelaide Park Lands, a site which for beauty and convenience can scarcely be surpassed.

A direct line of railway, seven miles in length, delivering goods on the ground, will connect the Exhibition Buildings with the wharves at Port Adelaide, alongside which vessels drawing 22ft. of water may quietly lie and discharge cargo into the railway trucks.

To ensure success requires the free and full support of other countries; and it is hoped that Foreign Nations and British Colonies will co-operate with our Mother Country, and accept our invitations and be represented at this Jubilee Exhibition

where their productions, manufactures, and machinery may appear in juxtaposition with Australasian products and manufactures, and prove of mutual benefit.

The Government has appointed an influential and representative Commission in London to facilitate arrangements of European and American Exhibitors.

The year 1887 will be memorable throughout the British Empire, and will be of special local interest in these Australian Colonies, from the fact that that year will witness the union of the Capitals of South Australia, Victoria, New South Wales, and Queensland by a continuous line of railway 1,760 miles in length, viz.:—

From Adelaide to Melbourne	..	..	..	508 miles.
“ Melbourne to Sydney	..	..	..	574 “
“ Sydney to Brisbane	..	..	..	678 “
				<hr/>
Total	..	..	..	1,760 miles.

The Import and Export Trade of the Australasian Colonies in 1884 amounted to a total of £116,249,116, the population being 3,074,503.

The Government will secure free Customs regulations for exhibits, and the due protection of the interests of all exhibitors.

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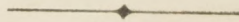
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# SYNOPSIS OF THE CLASSIFICATION.

## *Department No. I.—Mining.*

- CLASSES 100 to 112.—Rocks, Minerals, and Mining Products.
- CLASSES 113 to 117.—Metallurgical Products.
- CLASSES 118 to 120.—Mine Engineering, Models, Maps, and Sections.

## *Department No. II.—Manufactures.*

- CLASSES 200 to 205A.—Chemical Manufactures.
- CLASSES 206 to 213.—Ceramics, Pottery, Porcelain, &c.
- CLASSES 214 to 216.—Glass and Glassware.
- CLASSES 217 to 228.—Furniture and objects of general use in Construction and in Dwellings.
- CLASSES 229 to 238.—Yarns and Woven Goods of Vegetable or Mineral Materials.
- CLASSES 239 to 248.—Yarns and Woven and Felted Goods of Wool and Mixture of Wool.
- CLASSES 249 to 258.—Silk and Silk Fabrics, &c.
- CLASSES 259 to 267.—Clothing, Jewellery, Ornaments, and Travelling Equipments.
- CLASSES 268 to 275.—Paper, Blank Books, Stationery.
- CLASSES 276 to 282.—Weapons, &c. (Military, Naval, and Sporting).
- CLASSES 283 to 289.—Medicine and Surgery.
- CLASSES 290 to 296.—Hardware, Edge Tools, Cutlery, and Metallic Products.
- CLASSES 297 to 302.—Fabrics of Vegetable, Animal, or Mineral Materials.
- CLASSES 303 to 306.—Carriages, Vehicles, and Accessories.

## *Department No. III.—Education and Science.*

- CLASSES 350 to 357.—Educational Systems, Methods, and Libraries.
- CLASSES 358 to 364.—Scientific and Philosophical Instruments and Methods.
- CLASSES 365 to 370.—Engineering, Architecture, Maps, &c.
- CLASSES 371 to 380.—Physical, Social, and Moral Condition of Man.

*Department No. IV.—Art.*

CLASSES 400 to 405.—Sculpture.

CLASSES 406 to 409.—Painting.

CLASSES 410 to 414.—Drawing, Engraving, and Lithography.

CLASSES 415 to 417.—Photography.

CLASSES 418 to 423.—Industrial, Architectural, and Ecclesiastical Designs, &c.

CLASSES 424 to 429.—Ceramic Decorations, Mosaics, &c.

*Department No. V.—Machinery.*

CLASSES 500 to 509.—Machines, Tools, and Apparatus of Mining, Metallurgy, Chemistry, and the Extractive Arts.

CLASSES 510 to 521.—Machines and Tools for Working Metal, Wood, and Stone.

CLASSES 522 to 531.—Machines and Implements of Spinning, Weaving, &c.

CLASSES 532 to 539.—Machines, &c., used in Sewing, Making Clothing, &c.

CLASSES 540 to 549.—Machines for Printing, Making Books, Paper Working, &c.

CLASSES 550 to 555.—Motors and Apparatus for the Generation and Transmission of Power.

CLASSES 556 to 564.—Hydraulic and Pneumatic Apparatus.

CLASSES 565 to 572.—Railway Plant, Rolling-stock, &c.

CLASSES 573 to 583.—Machines used in Preparing Agricultural Products.

CLASSES 584 to 591.—Aerial, Pneumatic, and Water Transportation.

CLASS 592.—Castings (various), Iron, Brass, or other metal.

CLASS 593.—Machinery and Apparatus, especially adapted to the requirements of the Exhibition.

*Department No. VI.—Agriculture.*

CLASSES 600 to 607.—Arboriculture and Forest Products.

CLASSES 608 to 618.—Agricultural Products.

CLASSES 619 to 624.—Vegetable Products (used as food).

CLASSES 625 to 629.—Wine—Spirituous, Fermented, and other Drinks.

CLASSES 630 to 633.—Animal Products, Land and Marine (used as food).

CLASSES 634 to 640.—Animal Products, Land and Marine (used as materials).

CLASSES 641 to 647.—Textile Substances of Vegetable or Animal Origin.

CLASSES 648 to 660.—Land Animals.

CLASSES 661 to 662.—Insects, &c.

CLASSES 663 to 666.—Water Animals, Fish Culture and Apparatus.

CLASSES 667 to 672.—Machines, Implements, and Processes of Manufacture.

CLASSES 673 to 676.—Agricultural Engineering and Administration.

CLASSES 677 to 681.—Tillage and General Management.

*Department No. VII.—Horticulture and Floriculture.*

CLASSES 700 to 701.—Pomology.

CLASSES 702 to 711.—Ornamental Trees, Shrubs, and Flowers.

CLASSES 712 to 716.—Hothouses, Conservatories, Graperies, and their Management.

CLASSES 717 to 719.—Garden Tools, Accessories of Gardening.

CLASSES 720 to 722.—Garden Designing, Construction, and Management.

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KIRKSTALL FORGE CO.  
NEAR LEEDS, ENGLAND.  
Established in 1769

## BRITISH EXHIBITS.

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### DEPARTMENT I.

#### *Mining, Metallurgy, and other Products.*

#### CLASS 103—Ores of Lead, &c.

1. **Alexander Ferguson, & Co.**, Glasgow—Lead ore, lead sheet, pig lead, red and orange lead.

#### CLASS 104—Collections Systematically Arranged.

2. **Bradley, John**, Exeter—Round table with slate top, showing 80 specimens of fossils.
3. **Foster, Clement Le Neve**, Llandudno, Wales—Specimens of British metalliferous deposits.

#### CLASS 107—Building Stones.

4. **The Vallongo Slate and Marble Quarries Company, Limited**—Slate slabs, billiard beds, brewers' tanks, urinals, roofing slates, Emperor's red marbles. Agents in Adelaide—Harrol Bros.
5. **Wright, James, & Sons**, Aberdeen—Grey granite column monument, red granite ditto.

#### CLASS 108—Cements.

6. **Brooks, Shoobridge, & Co.**, 60, Fenchurch-street, London—Portland cement. H. B. Hardt, representative.
7. **Casebourne & Co., Limited**, West Hartlepool—Portland cement in various stages of manufacture. H. B. Hardt, representative.
8. **Christian, James F.**, 46, City-road, London—Oak-tree cement for repairing china, &c.

#### CLASS 111—Hones, Whetstones, Grindstones.

9. **Clarkson, Robert**, Carnsforth, Lancashire—Grey Bilston grindstones.

10. **Hazeon, Thomas, & Co.**, 150, Leaden, hall-street, London—Hones, oilstones grindstones.

11. **Kell, Richard, & Co.**, Newcastle-upon-Tyne—Grindstones of various sizes.

#### CLASS 114—Iron and Steel in the Pig, Bar, Plate, Sheet, &c.

12. **Adams, Geo., & Sons**, Mars Iron-works, Wolverhampton—Galvanised corrugated, plain sheet iron, sheet, hoop, and bar iron.



TRADE

MARK.

#### ADAMS-MARS

13. **Blackwall Galvanised Iron Co.**, Blackwall, London—Plain and fancy corrugated sheet. (See advertisement page.)
14. **Consett Iron Company, Limited**, Durham—Iron and steel plates, coke and hematite pig-iron.
15. **Dudley, The Earl of, Dudley**—Samples of iron. H. B. Hardt, representative.
16. **Gardner, Anderson, & Clarke**, 134, Fenchurch-street, London—Rolled iron girders.
17. **Handyside, Andrews, & Co.**, Derby—Cast-iron fountains, vases, pillars, &c.
18. **Kirkstall Forge Co.**, Kirkstall, Leeds—Patent rolled shafting, bar iron, &c. (See advertisement page 24.)

# KIRKSTALL FORGE CO.,

NEAR LEEDS, ENGLAND.

Established in Present Proprietary, 1779.

## LIST OF EXHIBITS.

Patent Rolled Steel and Iron Shafting (which requires no turning).

Patent Rolled Spindles (which require no turning).

Bar Iron, various sections.

Carriage and Buggy Axles.

Cart and Lurry and Dray Axles.



S. VIEW OF KIRKSTALL ABBEY 3 1/2 MILES W. OF LEEDS.  
WITH THE FORGE IN THE DISTANCE.  
FOUNDED ANNO DOMINI. 1152.

**PATENT ROLLED SHAFTING.**—The great advantage of this Shafting over turned and polished Shafting, consists in the skin or surface of the bar, which is the strongest part of the bar, not being removed, and being compressed and planished, it has imparted to it a dark blue smooth appearance. It is

20 per cent. stronger in torsional strength,  
33 per cent. stronger in flexional strength,  
over the same sized bars in the ordinary state.

The shafts are perfectly round and straight, and are cut to any exact length required, the ends being faced without any extra charge. It is made in all sizes from  $\frac{1}{2}$ -round up to 7-round. It is suitable for line shafting, counter shafts, axles, and spindles in all kinds of machines.

At the entrance to this exhibit two trophies are shown. One consisting of Patent Rolled Shafting, and the other of Bar Iron smithed into various shapes. In the Patent Shafting Trophy, four shafts are fitted with brass muff gauges, which will pass from end to end, thus showing uniformity of diameter. This shafting is now being supplied in Steel and Iron, both to the "Home" and to Foreign Governments; and to all the large and leading engineering firms, who are using it extensively for shafts and spindles in all kinds of machines and agricultural implements, &c. It is rolled to Whitworth's Standard Gauge, and within a margin of one-hundredth part of an inch, but it can be made to any special gauges required, within a similar margin. It is supplied in any lengths, and various examples of shafts as actually used are shown. This Shafting has been awarded 21 medals.

The other trophy at the entrance to the exhibit shows the splendid quality of the Iron manufactured by the Exhibitors, having been worked by the smith into all manner of shapes, and it will be seen that it has stood the most severe tests without betraying any flaws. The Exhibitors

manufacture Best Yorkshire Fine-Grained Iron, and Iron of Staffordshire quality — Best, Best Best, Best Best Best, and special attention is called to Shoe Iron, both plain and grooved, and to Tyre Bars, &c. The Exhibitors roll Steel Bars up to 7 inches diameter, as well as iron.

Carriage and Buggy Axles, Long Bolt Mails, American Buggy, Collinges & Butler's Patent Short Bolt Mails. All these Axles are manufactured solely from a specially selected Iron, and are fagotted and forged entirely out of the solid, and are more free from seams and flaws than those made on any other principle. The special advantage claimed for these Axles over other manufacturers', is that all the parts are interchangeable, so that any part can be replaced at a moment's notice, no fitting being required. Coach and Carriage Builders and all large users derive an incalculable benefit from using axles manufactured by the Exhibitors, as they require less stock. All wheels fitted with these axles are guaranteed to be reversible. These axles are all case-hardened and stamped in full—Kirkstall Forge Co., Leeds, "warranted case-hardened," with date. Special attention is called to the "Butler's Patent Short Bolt Mail Axle," which it is thought meets a requirement that is generally felt.

Patent Cart Arms, known as "Kirkstall" or "Drabbles." These axles are fagotted and made in the solid, same as the above, and also guaranteed case-hardened,

Australian Dray Axles. These are manufactured in the same manner as above, and the axles are steeled. They are all fitted with patent chilled bushes or boxes, which are acknowledged to be the very best in the market.

Axles which have been in daily use for forty years have been returned for repairs, which alone speaks for the very superior quality.

19. **Knight, John, & Co.**, Brierly Hill, Staffordshire—Iron bars, sheets, hoops, tin plates and sheets. H. B. Hardt, representative.
20. **Phillips & Son**, Speedwell Works, Birmingham—Fire and burglar-proof safes.
21. **Whitfield, Fred., & Co.**, Oxford-street, Birmingham—Furnishing safes.

CLASS 116—Tin, Brass, and other Metals.

22. **Leyson Bros.**, 92, Falcon-road, Battersea—Decorated and crystallised tin plate, tablets, tiles, &c.
23. **Moore Brothers**, Birmingham—Brass-work.
24. **Morewood & Co.**, Birmingham—"Auricholeum," a new and cheap substitute for brass.
25. **Harris & Sheldon**, Birmingham—Shop and window brass showcases.
- 25A. **Smith Brothers & Co.**, Hyson Green, Nottingham—Brass mountings for boilers and engines, valves, cocks, and general brassware.

- 25B. **Shand, Mason, & Co.**, London—Heimets, branch pipes, breaching pieces, couplings, lamps, controlling and spreading nozzles.

CLASS 118—Sub-Aqueous Mining, Blasting, &c.

26. **Bennetts, Wm.**, Camborne, Cornwall—Samples of patent blasting powder.
27. **British and Foreign Safety Fuse Co.**, Redruth, Cornwall—Improved safety fuse for blasting purposes, mining, &c.
28. **Safety Fuse Co.**, Swansea, South Wales—Samples of safety fuse for blasting. H. B. Hardt, representative.
29. **Bickford, Smith, & Co.**, Tuckingmill, Cornwall, England—Bickford's patent safety fuses for conveying fire to the blasting charge in mining, quarrying, and sub-aqueous operations under every condition of soil and climate, and Bickford's patent igniters and instantaneous fuses, furnishing the cheapest, purest, and readiest means of simultaneous or "volley" blasting.

## DEPARTMENT II.

### Manufactures.

CLASS 200—Acids, Alkalies, Salt, Lime, &c.

30. **British and Colonial Dermatine Co.**, 20, Great Winchester-street, London—Dermatine. H. B. Hardt, representative.
31. **Cooper, Wm., & Nephews**, Berkhamstead, Herts—sheep-dipping powder.
32. **Eden, Lady Charles**, 9, Queensgate Place, London—Pearline.
33. **Gaskell, Deacon, & Co.**, Widnes, Lancashire—chemicals, caustic soda, refined alkali, &c.
34. **Jeyes Sanitary Compound Co.**, 43, Cannon-street, London—Disinfectant fluid, powder and soaps, sheep dip, &c.
35. **Jones, F. & Co.**, Perren-street, Ryland-road, London—Silicate cotton from blast furnace slag.
36. **Maignen Filtre Rapide Co., Limited**, London—Anti-calcaire, for softening hard water, &c. H. B. Hardt, representative.
- 36A. **May & Baker**, Batterssea, London—Chemicals, refined alkali, caustic soda, mercurials, camphor, &c., &c.
37. **Mottershead & Co.**, Manchester—Preparations of digestive ferments, &c.

38. **Murray, Sir James, & Son**, Dublin—Bottles of fluid magnesia, assorted sizes.
39. **Peacock & Buchan**, East Smithfield—Anti-fouling composition for ships' bottoms.
40. **Stokoe, Thos.**, Hay, Breconshire—Sheep-dipping powder.
41. **Watson, W., & Sons**, 313, High Holborn, London—Hard and soft limes for limelight purposes.
42. **Weston & Westall**, 115, Lower Thames-street, London—Salt for the table, butchers, provision curers, &c.

CLASS 201—Oils, Soaps, Candles, Detergents.

43. **Chiswick Soap Co.**, Chiswick, London—Soft soaps, &c.
44. **Cleaver, F. S., & Sons**, Red Lion-street, Holborn, London—Fancy toilet soaps, perfumery, &c.
45. **Field, J. C. & J.**, London, Estab. 1680—Beeswax, spermaceti, stearine, paraffin, and ozokerit, in block and candles—all sizes.
- Ornamental—Prize medal coloured paraffin, cable, spiral, fluted, tulip, and obelisk candles.

Domestic—Self-fitting aerated, petro-stearine, pearl-sperm, ozokerit, and chamber candles.

Household and manufacturers' (pure oil) soaps, United Service, samphire, spermaceti, Stockholm tar, and all kinds of toilet soaps.

Ozokerine unguent, and pomade.

Messrs. J. O. & J. Field were the inventors and original makers of almost all the above candles and soaps, particularly of the self-fitting ends, now universally made.

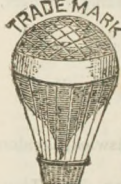
For full description of Messrs. Field's manufacture, see handbills and exhibit.

H. B. Hardt, representative.

46. **Fleming, A. B., & Co., Limited**, Edinburgh—Lardine, lubricating, and cylinder oils.
47. **Harrison, F. J. & Co., Limited**, Leicester—Hydroleine soap powder in packets and bags. H. B. Hardt, representative.
48. **Moll, Fredk. S.**, Stratford, Carpenter's-road, Stratford E., London—Toilet soaps, pomades, &c.
49. **Pears, A. & F.**, 38, Great Russell-street, London—Transparent soap.
50. **Price's Patent Candle Co.**, London—Candles. (See advertisement on opposite page.)

#### CLASS 203—Paints, Pigments, Colours, &c.

51. **Bougers, DeRath, & Co.**, 4, Newgate-street, London—Artists' and other colours. H. B. Hardt, representative.
52. **Clark, R. J., & Co.**, Stratford, East London—Varnishes and materials used in manufacture.
53. **Du Bedad, Adams, & Co.**, Liverpool—Varnishes, paints, colours, oils, &c.
54. **Griffiths Bros. & Co.**, Speciality Paint Manufacturers, Establsd. 1869, Dashwood House, New Broad-street, London, E.C.—Exhibit "Aqual," the latest invention, washable water paint; one-third the cost of ordinary paints. "Pyrodine" fireproof paints and liquid, cheaper than ordinary paints; used in preference to any other at the Manchester Jubilee Exhibition. Hot water bath enamel, stands boiling water. Enamels for house decoration, coach builders, &c. Griffith's patent zinc white, double the covering power of any other zinc. Nine prize medals. H. B. Hardt, representative.
55. **Hare, John, & Co.**, Bristol—Floor-cloths, linoleums, white lead, dry colours, paints.



56. **Harris, S. & H.**, Mansell-street, London, England—



**Ebonite Water-proof Blacking**  
for boots, shoes,  
and all black  
leather goods.

**Harness Composition** (waterproof).

**Saddle Paste** (waterproof).

**Polishing Paste** for cleaning metals and glass.

**Harness Liquid**, or self-shining jet.

**Jet Black Oil** for harness.

**Pouch Blacking** for military belts and pouches.

**Shoe Blacking** (liquid and paste).

**Dubbing** (waterproof) for boots and harness.

**Black Dye** for staining leather.

**Steel Powder** for polishing bright steel goods.

**Plate Powder** (non mercurial).

**Henry's Indiarubber Varnish** for carriage heads and aprons.

**Brunswick Black** for stoves, grates, and all kinds of ironwork.

**Furniture Polish.**

**Breeches Powder** for cleaning hunting breeches, gloves, &c.

All as exhibited.

57. **Hill & Hartridge**, 33, St. Mary Axe, London—Harness oil, burnishing ink, dressing blacking. H. B. Hardt, representative.
58. **Jenson & Nicholson**, Goswell-road, London, Manufacturers of Japans, High-class Varnishes for the Coach and Decofative Trades, specially prepared for the Australian and colonial markets; also their celebrated brand of White Lead and Colours. Exhibit—Department 2; Section A; Class 203.
59. **Lawson, Temple, & Co.**, Millwall, London—White lead, paints, colours, &c.
60. **Nixey, William George**, 12, Soho-square, London—Refined black lead for polishing. A stove instantly and brilliantly polished for less than 1d. For excellence, durability, and economy use only NIXEY'S. For these characteristic features it enjoys a world-wide reputation. **ONE QUALITY ONLY—THE BEST.** Caution—Nixey's Refined Black Lead.—The public are respectfully requested to see that the name, W. G. Nixey, appears on all blocks, labels, wrappers, and boxes, and refuse worthless imitations. The largest black lead manufacturer in the world.—12, Soho-square, London, and sold everywhere. Also manufacturers of NIXEY'S Soho-square washing blue for laundry purposes, and NIXEY'S celebrated eggshell enamel Berlin black for coating ironwork. The finest quality **DRIES PERFECTLY IN 5 MINUTES.**

# PRICE'S PATENT CANDLE Co., Limited,

## LONDON AND LIVERPOOL,

MANUFACTURE

### EXPORT STEARINE CANDLES.

Price's Belmont Sperm or Best Stearine Candles.  
 Price's Stearine Sperm " "  
 Price's Best Composite " "

EXPORT SPERM or

### STEARO-PARAFFIN CANDLES.

Price's Gold Medal Palmitine Candles.  
 Price's Atlas Sperm " "  
 Price's Imperial Sperm " "  
 Price's National Sperm " "  
 Price's London Sperm " "

### EXPORT PARAFFIN CANDLES.

Price's Best Paraffin Candles.  
 Price's Atlas Paraffin " "  
 Price's Battersea Wax " "  
 Price's London Paraffin " "  
 Price's London Wax " "

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### PRICE'S EXPORT NIGHTLIGHTS

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### PRICE'S PURE GLYCERINE.

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### PRICE'S SOLIDIFIED GLYCERINE AND OTHER TOILET SOAPS.

---

### PRICE'S GAS ENGINE— RANGOON AND OTHER LUBRICATING OILS.

---



Price's Company occupy a unique position amongst CANDLE MANUFACTURERS in these respects:—

**They are the Largest Candle-Makers in the world.**

They make a greater variety of candles than any other firm, and are thus able to meet the numerous requirements as to quality and size of all the Markets of the World.

They make for their own use such Candle Trade requisites as Candle Machines, Plaited Wick, Boxes, Cases, &c.

**WORKS:—** BATTERSEA, LONDON.  
 BROMBOROUGH POOL, BIRKENHEAD.

# HUBBUCK'S PATENT WHITE ZINC PAINT.



TRADE MARK.

The most durable and beautiful paint known, is cheaper in use than white lead, and is proved to be superior for all purposes to the pernicious lead paint, and equally adapted for all climates.

Its whiteness is unaffected by bilge-water, boiling sugar, or noxious gases.

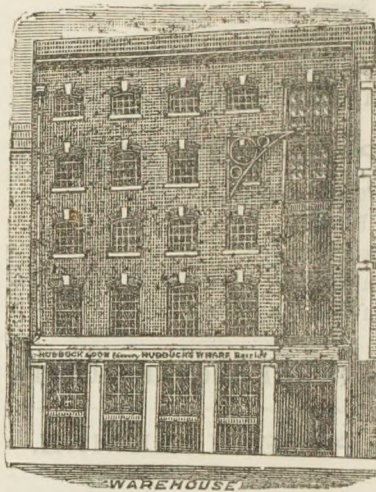
It is free from any poisonous ingredients, and suited in all respects to the use of the painter.

Each Cask of Pure White Zinc is stamped—

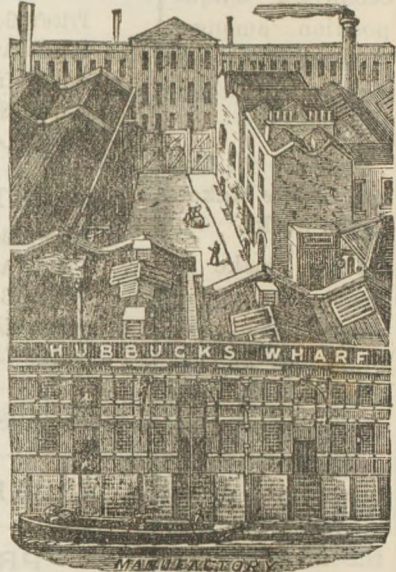


TRADE MARK.

**THOMAS HUBBUCK & SON,**  
WHITE LEAD, OIL, PAINT, AND VARNISH WORKS,  
24, LIME STREET, LONDON.



ESTABLISHED 1765.



**HUBBUCK'S PREPARED LIQUID PAINTS.**  
These Paints are packed in 1lb., 2lb., 3lb., 4lb., 7lb., and 14lb. Tins, and 28lbs. Drums, and will be found of great advantage. Being mixed ready for immediate use, no further preparation is needed.

**HUBBUCK'S PALE BOILED LINSEED OIL**  
Is much purer and paler than raw linseed oil. A quick, hard, and certain drier, and the only boiled oil that can be used with white and light-coloured paints.

**HUBBUCK'S ANTI-CORROSIVE PAINTS**  
Are very durable, and the most valuable protection to Iron Roofs, Bridges, Piers, Ships, and Buildings exposed to stormy weather and scorching sun. They soon become extremely hard, and do not blister.

**HUBBUCK'S ANTI-OXIDATION COMPOSITION**  
For coating Iron and Wood Ships' bottoms: a preservative against fouling and corrosion.

**HUBBUCK'S BINNACLE AND COLZA OILS,**  
Prepared expressly for Ship's Lights, Lighthouses, &c.

**HUBBUCK'S WHITE LEAD, COLOURS, OILS, AND VARNISHES**  
Are the best and therefore the cheapest. Beware of Counterfeits of their Name and Trade Mark.

**PAINTS & OILS PROPERLY PACKED FOR EXPORTATION.**

61. **Peacock & Buchan**, Southampton—Ready-mixed non-poisonous sanitary paints, packed in sealed cans of from 1 lb. to 28 lbs. each. Protective and anti-fouling compositions for ships' bottoms. The exhibitors are contractors to Her Majesty's Government, the India Board, the Crown Agents for the colonies, the Board of Trade, and the Royal National Lifeboat Institution. The colonial agents for the sale of these manufactures are—Messrs. G. P. Harris, Scarfe, & Co., Adelaide; Mr. J. Broomfield, 122, Sussex-street, Sydney; Messrs. Potts, Paul, & Sargent, Brisbane; and Mr. J. Harbottle, Hobart, Tasmania.
62. **Scollick & Co.**, Victoria Chambers, London—Mastic paint, heat-resisting non-poisonous mastic, mastic enamel varnishes.
63. **Skitt, John, & Co.**, 93, Summer-street, London—Paints, colours, varnishes.
64. **Smith & Gregory**, Bristol—Laundry blue and black lead.
65. **Turk, Miss Eliza**, 151, Gloucester-road, Regent's Park, London—Artistic mediums for painting.
66. **Turner, Chas., & Son**, Birmingham—Varnish, Japan, colour, and paint.

#### CLASS 204—Essences, Perfumery, Pomades.

67. **Crown Perfumery Co.**, 177, New Bond-street, W.—English Perfumery, sachets, toilet soaps.
68. **Cummock, John**, Manufacturing Chemist, 32, Main-street, Glasgow, S.S., Importer and Distiller of Essential Oils, Manufacturer of "Premier Brand" Concentrated Fruit Essences, Soluble Essences, and Specialities for the use of Mineral and Aerated Water Manufacturers, Liqueur and Cordial Makers, and Wholesale Confectioners.
69. **Gordon, H., & Co.**, 10, Red Cross-street, London—Perfumes, flavouring essences, smelling salts.

#### CLASS 205—Pyrotechnics for Display, Signals.

70. **Brock, C. T., & Co.**, South Norwood, London—Pyrotechnic marine signals, fireworks. H. B. Hardt, representative.
71. **The Harden Star and Sinclair Fire Appliance Company, Limited**, 114, Cannon-street, London. Harden Star Hand Grenade Fire Extinguishers, and Dick's celebrated Extincteurs, "Fire Queen" and "Little Fire Queen."

The Harden Star Hand Grenade Fire Extinguisher: its Principal Characteristics:—The Grenade is simply a blue glass bottle filled with a combination of chemicals in liquid form. These chemicals are perfectly harmless to flesh or fabric. This combination is remarkable, inasmuch as it will not freeze, even at 30 degrees below zero; yet it is very susceptible to heat, and

upon being thrown into fire changes at once from a liquid to vaporous gases, and the gases extinguish the fire instantly. For fire extinguishing powers the combination used is the most remarkable production of modern chemistry, the results being amazing in their instantaneous effects.

The efficiency of this Grenade is not affected by age. It is sealed by a patent process. The corks are cut "across the grain," so that the pores do not run up and down through the cork in the usual way, but crosswise. The corks are boiled for several hours in a preparation that closes the pores and preserves the cork. The most important feature is in filling the neck of the bottle above the cork with a fine plastic cement that hardens to stone, and seals for ever the contents beyond the possibility of evaporation or deterioration.

Harden Star Grenades are just strong enough to stand transportation, and thin enough to be broken by falling from a table to the floor.

The Harden Star Grenade is so light and portable that it can be placed round a building on every floor, thus saving time, and placing the means of extinguishing fire in the hands of anyone who may be present.

The Harden Star Hand Grenade Fire Extinguisher has been the means of saving thousands of Establishments from destruction by fire.

Highest Award, Silver Medal, Liverpool, 1865; Highest Award, Gold Medal, London, 1886; Highest Award, Silver Medal, Paris, 1889.

Dick's celebrated Extincteurs, "Fire Queen" and "Little Fire Queen."—This is a self-acting Fire Engine for domestic use, also for Shops, Warehouses, and Factories. It consists of a cylindrical-shaped vessel, the larger sizes being carried on the back, and the smaller by the hand; it is filled with water in which chemicals are placed, that can be brought into contact with each other instantly on the outbreak of fire, and produce Carbonic Acid Gas, which is taken up by the water under pressure. When the tap is opened, the fluid rushes on the fire with great force a distance of 30 to 40 feet. Immediately it reaches the fire, the gas is evolved, and instantaneously extinguishes the fire. There is no pumping necessary, so that any person may use the Extincteur without fatigue.

The Extincteurs are always ready for action, so that no time is lost in attacking a fire after its outbreak. Thousands of fires have been extinguished by their means alone. They have been extensively adopted in Europe and America. They are perfectly reliable, and neither corrode nor are they affected by years.

They are harmless to life, health, or property.

Facts worth knowing:—Over 130,000 Extincteurs have been sold, and over 14,000 Fires extinguished by them alone. Late Special Reports show that of 704 outbreaks of Fires in Mills, &c., 692 were extinguished by Extincteurs. Actual loss of Property, £8,859. Approximate value of property endangered, £6,766,420.

PRIZE MEDAL



FOR BLACKING

IF YOU DESIRE  
**REALLY**  
 WELL-POLISHED  
**BOOTS,**

USE

LONDON, 1862



AND POLISH

**E. BROWN & SON'S**

ROYAL

**MELTONIAN BLACKING,**

It renders them beautifully Soft, Durable, and Waterproof, while its lustre equals the most brilliant patent leather.

**NONPAREIL DE GUICHE or PARISIAN POLISH,**  
 for Dress Boots and Shoes.

More elastic and less difficult in its use than any other.

**WATERPROOF VARNISH.**

For Hunting, Shooting, and Fishing Boots, is strongly recommended to all Sportsmen.

**BROWN BOOT-TOP FLUID AND POLISH AND  
 POWDERS of all Colours.**

**MELTONIAN CREAM,**

For Renovating all kinds of Russet and Patent Leathers, Furniture, &c.

**ROYAL KID REVIVER,**

For all kinds of Black Kid, Leather, &c.

**WATERPROOF HARNESS POLISH,**

Requires neither oil nor dye, and is a great preserver of Leather.

MANUFACTORY—

**7, GARRICK ST., COVENT GARDEN,  
 LONDON, W.C.;**

**AND AT 26, RUE BERGERE, PARIS,**

**RETAIL EVERYWHERE.**

**E. BROWN & SON, WERE AWARDED THE PRIZE MEDAL, 1862.**

*Patronised by Royalty, the Nobility, and Gentry.*

Brussels, Seul Depot General, Severin Freres, Rue de Namur, 34.  
 New York Salomon & Phillips, 33, Spruce Street.

TELEPHONE, 3765.

**CLASS 205a—Tobacco (manufactured),  
Cigars, &c.**

72. **De Meza, Maurice**, 4, New Broad-street, London, E.C.—Brazilian, Parsee, Egyptian, and Turkish cigarettes.
73. **Wishart, Geo. D., & Co.**, Liverpool—Manufactured tobacco.

**CLASS 206—Bricks, Drain Tiles, Terra-cotta, &c.**

74. **Hall, John, & Co.**, Fire Clay Works, Stourbridge, England—Hall's patent porcelain fire-clay bath requires no casing, being enamelled inside and outside; glazed bricks, white and coloured; Stourbridge fire bricks, crucible and glasshouse pot clays.

**CLASS 207—Fire-clay Goods, Crucibles, &c.**

75. **Cowen, Joseph, & Son**, Blydon-on-Tyne—Fire-clay, gas retorts, fire-bricks.

**CLASS 208—Tiles—Plain, &c.**

76. **Evans & Co.**, St. Mary's Church, South Devon—Art pottery, terra-cotta, tiles.
77. **Godwin, Wm., & Son**, Withington, near Hereford—Decorative, encaustic, and other tiles. H. B. Hardt, representative.
78. **Maw & Co.**, Jackfield, Ironbridge, Shropshire—Encaustic tiles. Sole Agent for South Australia—Thos. Pritchard (late G. Shaw), General Importer, Union Buildings, Waymouth-street, Adelaide.
79. **Smith, Edward, & Co.**, Coalville, Leicestershire—Ornamental floor and wall tiles, enamelled tiles.
80. **Webb's Worcester Tileries Co.**, Worcester—Plain and encaustic floor tiles.

**CLASS 213—Porcelain, China, and Earthenware.**

81. **Adderley & Lawson**, Longton, Stoke-on-Trent—China and earthenware.
82. **Belleek Pottery Co.**, Ireland—China, parian, and earthenware.
83. **Ford & Co.**, Tunstall, Staffordshire—Earthenware.
84. **Gildea, James**, Burslem, Staffordshire—Printed, enamelled, and gilt earthenware. H. B. Hardt, representative.

**CLASS 215—Chemical and Pharmaceutical Glassware, Vials, Bottles, &c.**

85. **Brefitts, Limited**, 83, Upper Thames-street, London—Patent aerated water-bottles, glass bottles.
86. **Hearn, Riddell, & Co.**, 381, Kingsland-road E., London.—Glass bottles, patent feeding bottles.

**CLASS 216—Decorative Glassware.**

87. **Glass Decorative Co., Limited**, 81, Hatton Garden, London—Gilded, painted, and ornamented glass for decorative purposes. H. B. Hardt, representative.

**CLASS 217—Heavy Furniture.**

89. **Hardt, H. B.**, 12, Albert Mansions, London—Folding secretary, folding desk.
90. **Hardy & Britain**, Birmingham—Metallic bedstead.
91. **Peyton & Peyton**, Bordesley Works, Birmingham—Metallic bedsteads (brass, iron, and nickel). Wholesale importers may apply for prices and terms to **Mr. William Farr**, Box 1, G.P.O., Melbourne. Direct representative in Australia.
92. **Phillips, A.**, Birmingham—Brass and composite bedsteads.
93. **Goddington & Co.**, 30, Seine-street, London—Folding desk.
94. **Wadman, Charles**, Bath—Music stools.
95. **Wigg, W. C.**, 97, Curtain-road, London—Drawing-room and bedroom furniture.
96. **Wallis, Fritz**, Percy-road, Shepherd's Bust, London—Decorative painting.
97. **Whaite, S.**, Corstophine, Edinburgh—Classical figure for piano decoration.

**CLASS 218—Table Furniture.**

98. **Boardman, Glossop, & Co.** Sheffield—Electro-plated ware.
99. **Jones Bros. & Co.**, Wolverhampton—Tin and Japanned ware.
100. **Potosi Silver Co.**, Birmingham—Spoons, forks, and table requisites of Potosi silver.
101. **Shaw & Fisher**, Sheffield—All articles in dinner, tea, and dessert ware in Britannia metal, electro silver, and nickel silver-plated upon Britannia metal, and in nickel silver and electro silver-plated upon nickel silver.
102. **Sherwood, John, & Sons**, Birmingham—Electro-plate and New Regent silver goods.
103. **Walker & Hall**, Sheffield—Silver and electroplated goods.
104. **Wright, G. E.**, 1, New Broad-street, London—Chinaware, silvered spoons and forks.

**CLASS 220—Gilt Cornices, Brackets, Picture Frames.**

05. **Morell, H.**, 17, Great St. Adam's-street, Bloomsbury, London—Picture frames and mouldings. H. B. Hardt, representative.
106. **Plastic Decorative Co.**, 21, Wellington-street, Strand, London—Ornaments in plaster and papier mache.

**CLASS 223—Apparatus and Fixtures for Picture Frames.**

107. **Ashton & Green, Limited**, St. Mary Axe, London—Mantelpiece shoes, tile hearths, fender curb.
108. **Benham & Froud, Limited**, Chandos Metal Works, London, W.O., Copper-smiths, Braziers, and General Metal Workers; Manufacturers of Art Metal Work for all domestic and ecclesiastical purposes.



Made at these works and fixed in A.D. 1821. Exact Model of this on view at this stand.

109. **Blackler, A. W., & Son**, Torquay—Chimney-pieces, pedestals, vases, and other ornaments.
110. **Cartland, James, & Son**, Birmingham, England—Builders, Cabinet, Furnishing, and Naval Brassfounders, London. Showrooms, 40, Holborn Viaduct, E.C.



Illustrated pattern books, both full size and miniature, may be had on application.

All goods for export are carefully packed in carton boxes, labelled with orange-coloured labels bearing our trade mark as above. Buyers please note.

111. **Flavel, Sidney, & Co.**, Leamington—Flavel's kitchener.
112. **Fletcher, Thomas, & Co.**, Warrington—Gas appliances for cooking, heating, &c.
113. **Grove, G. W.**, Leamington—Leamington kitchen and range.
114. **Lawrence, John & Chas.**, Birmingham—Iron fenders, brasses, &c., &c.
115. **Marshall, Geo., & Co.**, Birmingham—Brass curbs, fire brasses, dogs, &c., &c.
116. **Musket Iron Works, The**, Ironfounders, Dalkeith, Scotland (established 1805). Manufacturers of all kinds of Castings for Builders, Merchants, Furnishing Ironmongers, Plumbers, &c. Awarded Gold and Silver Medals at International Exhibition, Edinburgh, 1886, for "excellence of design and workmanship in mantelpieces,

overmantels, cooking ranges, electro-bronzed, brass, Berlin black tile and other registered stoves, umbrella stands, fenders, fireiron rests, &c."—Ranges, mantelpieces, &c.

117. **Skelton, W. G. & Co.**, Sheffield—Stove grates, fenders, fire brasses.
118. **Smith, McLean Bros., & Rigg**, 9, Fenchurch-street, London—Stoves.
119. **Wilson, Chas., & Son**, Leeds—Gas stoves, grates, boilers, &c.
120. **Yates, Haywood, & Co.**, Rotherham—Iron chimneypieces, mantels, register stoves.

**CLASS 224—Apparatus for Lighting, Gas Fixtures, Lamps, Globes.**

121. **Abrahams, Mark**, 11a, Wormwood-street, London—Hayward's patent semi-prism pavement lights.
122. **Accordeon Pleating Manufacturing Co.**, 228, Euston-road, London—Lamp shades, plated screens, wall decorations, &c.
123. **Barwell, James**, 40, Great Hampton-street, Birmingham—All varieties of cocks and fittings for plumbers and engineers; cocks and valves for water supply; beer, wine, spirits, and bottling cocks; church, school, factory, and farm bells in any size and weight, and with or without fittings; dinner, auction, tea, and handled bells of every description; cart, horse, sheep, and cattle bells; genuine "Bull Frog" and Kentucky cattle bells; musical hand bells, clock chimes.
- 123A. **Crompton, R. E., & Co.**, Chelmsford—Arc lamps for electric lighting for railways, mines, and contractors, &c.
124. **Defries Safety Lamp and Oil Co., Limited**, London—Patent lamps that cannot explode.
125. **Hannay's Patent Light Co.**, London—Lucigen light.
126. **Hepton, William, & Sons**, Leeds—Chandeliers, steam locks, water locks, &c.
127. **Hinks, James, & Sons, Limited**, Lamp manufacturers, Birmingham and London—Duplex, extinguisher, safety, and other lamps.
128. **Hunt, John, & Co.**, Birmingham—Gas chandeliers, hall lamps, and brackets.
129. **Kynock, George, & Co.**, Birmingham—Oil lamps.
130. **Rowatt, Thos., & Sons**, City-road, London—Paraffine lamps.
131. **Woodhouse & Rawson**, 11, Queen Victoria-street, London—Patent new filament incandescent lamps.

**CLASS 225—Kitchen and Pantry Utensils, Tinware, &c.**

132. **Harry, W. D., & Co.**, Deptford—Knife cleaner.

# Rottweil-Hamburg Gunpowder Co.

SUPPLIERS

to the English, German and other Governments



Gunpowder for Blasting, Sporting & Military Purposes

Agent in Melbourne  
FRD. MESSNER.

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JUSTUS SCHARFF

OFFICE: HAMBURG  
(DOVEN HOF)

INTERNATIONAL SPORTING EXHIBITION AT CLEVES 1881.



VIENNA 1873. DUSSELDORF 1880.



**UNITED RHENISH WESTPHALIAN  
GUNPOWDER MILLS  
COLOGNE, GERMANY**



MELBOURNE 1880.

**THE LARGEST MILLS  
IN  
EXISTENCE**

CONTRACTORS TO THE ENGLISH, GERMAN  
RUSSIAN, ITALIAN, SPANISH AND OTHER  
GOVERNMENTS ALSO TO MR FRIED. KRUPP  
AND SIR W. C. ARMSTRONG & CO

**AGENTS FOR**  
Great Britain & Colonies

**E. KRAFTMEIER & CO., 6 Great Winchesterstreet LONDON. E.C.**

## CLASS 226—Laundry Appliances.

133. **Brooksbank, R.**, Keighley, Yorkshire—Washing, wringing, and mangling machines.
134. **Nicoll, G. H., & Co.**, Dundee—Mangles, wringers, &c.
135. **Spong & Co.**, 226, High Holborn, London—Mincing machines, coffee mills, knife cleaners.
136. **Summerscales, W. & S., & Sons**, Parkside Works, Keighley, England—A collection of washing, wringing, and mangling machines, chaffcutters, &c. Included in the above collection is the "Parkside" washer, an entirely new washing machine of exceptional merit. It has already met with extraordinary success in the home markets, and will be found worthy of inspection by those interested in the trade. Amongst the wringing and mangling machines will be found several new designs of plain and ornamental patterns. The superior workmanship and finish in all our machines has gained them a world-wide reputation, resulting in a constantly increasing demand. The chaffcutters are made of the best materials, and will be found equal to any in the trade.

## CLASS 228—Manufactured parts of Buildings.

137. **Adams, Robert**, 17, Blackman-street, London, England—Patentee and sole manufacturer of "Victor" door springs, gate hinges, sash and casement fasteners and bolts, casement hooks, &c.
138. **Bromhead Patent Lock Co.**, 15, Queenhithe, London—Locks.
139. **Buller, Jobson, & Co., Limited**, 32, Green-street, London—China door furniture.
140. **Ebner, Joseph Francis**, Clerkenwell-road, London—Parquet and Mosaic for floor and wall decoration. H. B. Hardt, representative.
141. **Harris, J. F. & G.**, 58, Wilson-street, Finsbury—Registered fancy wood decorations. H. B. Hardt, representative.
142. **Payton, Joseph, & Co.**, Willenhall—Door locks, cabinet locks, lock furniture.
144. **Verity Brothers**, Leeds—Building appliances.

## CLASS 229—Woven Fabrics of Mineral Origin.

145. **Johnson, Richard, Clapham, and Morris**, Manchester—Patent fireproof wire lathing, partition wall, &c.

## CLASS 231—Cotton Yarns, Threads, &amp;c.

146. **Blackwell, Felstead, & Co.**, 190, Coleman-street, London—Alexander sewing cotton.
147. **Dewhurst, John, & Sons**, Skipton—Sewing cotton in various stages of manufacture.

148. **Ferguson Brothers**, Holme Head Works, Carlisle—Silesias, satteens, serges, silk stripes, pocketings, pure domestics, and shirtings. In the manufacture of these goods all the processes for converting the raw material into finished cloth are carried on at their works, so that the firm are able to guarantee uniform excellence throughout. Philadelphia—Prize medal, with special commendation. Paris—Silver medal, highest award. Sydney—Gold medal. Melbourne—Gold medal. Calcutta—Gold medal.

149. **Horrockses, Miller, & Co.**, Established 1791, Cotton Spinners and Manufacturers. Works—Preston, Lancashire. Warehouses—55, Piccadilly, Manchester; 5, Love Lane, London.

Longcloths, twilled shirtings, double warp and medium calicoes.

Plain and twilled sheetings specially finished for the sewing machine.

## Awards—

Prize medals, London, 1851 and 1862.

Gold medals, Paris, 1857 and 1878.

Diploma of Honour, Vienna, 1873.

Diploma of Honour, London, 1884.

Gold medal, Cape Town, 1877.

Gold medal, Calcutta, 1884.

Gold medal, Liverpool, 1886.

Gold medal, Edinburgh, 1886.

Address for Australian business—5, Love Lane, London, E.C.

150. **Lee, D., & Co.**, Manchester—Calico, cretonne, fancy linings. H. B. Hardt, representative.

151. **Rylands & Sons, Limited**, 55, Wood-street, London, and New High-street, Manchester.—Sole proprietors of the Dacca Twist Co.



TRADE

MARK

Manufacturers of the celebrated Dacca calicoes and sheetings, Bowers' regattas, Longford sewing cottons, heavy-finished silesias, Chorley floorcloths, tapes, braids, waddings, ready-made clothing, &c.

## Australian Agencies—

Rylands & Sons, Limited, 32, Flinders Lane, Melbourne.

Rylands & Sons, Limited, 382, George-street, Sydney.

Rylands & Sons, Limited, Post Avenue, Wellington, N.Z.

## CLASS 238—Floorcloths, Oilcloths, Linoleum, &amp;c.

152. **Harry, W. D.**, 292, Lower-road, Deptford, London—Linoleum floorcloths, rugs.
153. **Linoleum Manufacturing Co.**, 144, Queen Victoria-street, London—Linoleum floorcloth.

## CLASS 240—Wool Fabrics.

154. **Apperly, Curtis, & Co.**, Stroud, Gloucestershire—Woollen and worsted coatings, cloths, ladies' cloth.

## CLASS 241—Flannels, &amp;c.

155. **Humphreys & Thomas**, Norberth, South Wales—Welsh flannels. H. B. Hardt, representative.
156. **Tyler & Co.**, Llandysen, South Wales—Flannels, serges, tweeds, stockings, and yarns. H. B. Hardt, representative.

## CLASS 242—Blankets, Rugs, Shawls.

157. **Midgeley, David, & Sons**, Bradford, Yorkshire—Blankets.

## CLASS 245—Carpets, Hearthrugs, Mats, &amp;c.

158. **Crossley, John, & Sons**, Halifax—Carpets.
159. **Morton & Sons**, Kidderminster—Carpets. H. B. Hardt, representative.
160. **Templeton & Crabtree**, Heckmondwick, York—Carpets.
161. **Widnell, Henry, & Co.**, Lasswade, Edinburgh—Patent tapestry and velvet pile carpets, rugs, &c. H. B. Hardt, representative.

## CLASS 254—Velvets, Plushes, Knitted Goods, &amp;c.

162. **Louis, Alfred**, 2, Carey Lane, London—The Louis velveteen, the Venice, velveteen. H. B. Hardt, representative.

## CLASS 255—Ribbons—Plain, Fancy, &amp;c.

163. **Bayley, Francis**, Coventry—Ribbons and scarves.
164. **Richards, C. A.**, Leeds—Sewing, knitting, and embroidery silk.

## CLASS 259—Ready-made Clothing, &amp;c.

165. **Johnson, G. W., & Sons**, Great Yarmouth—South-western, sailors' oil clothing. H. B. Hardt, representative.
166. **Nash, Mary Ann**, Soho Bazaar, London—Ready-made clothing (ladies' and children's).
167. **Simpson & Rook**, London, E.C.—Army, navy, and volunteer accoutrements, military, diplomatic, and art embroideries and materials for same; gold and silver laces, cords, and braids; helmets, forage caps, buttons, specimens of embroidery, "the Australian Arms," drum-major's staff. H. B. Hardt, representative.

## CLASS 260—Ladies' Mantles, Costumes, Corsets, &amp;c.

168. **Thomson, W. S., & Co.**, Old Bailey, London—Corsets, unbreakable corset busks, dress improvers, and cleared-seam hosiery. (See advertisement page).

## CLASS 261—Hats, Caps, Gloves, Millinery, Show Goods, &amp;c.

169. **Lincoln, Bennett, & Co.**, 1, 2, 3, Sackville - street, and 40, Piccadilly, London.



*Hats and Helmets in variety.*

- This Collection includes:—
1. *Silk Velvet Napp'd Hats, Hunting Caps, Opera Hats*
  2. *Superfine felt Hats (Beaver and Fur) in all shapes Patent Insulated Helmets for tropical climates.*
  3. *Military Helmets and other Hats.*

Exhibited for excellence of manufacture, in every detail, superior quality of the fabrics and materials used, and for extreme durability.

*The Patent Insulated Helmet*—now exhibited for the first time—is a new invention, consisting of an inner and outer case, forming a double helmet, with open space between the cases for maintaining a current of air in circulation around the head.

The goods exhibited have not been specially made for this occasion, but have been selected from the ordinary productions of the firm.

*Awards obtained*—Highest Award, Philadelphia, 1876; Gold Medal, Paris, 1878; Special Medal and two First Awards, Sydney, 1879; Gold Medal, Melbourne, 1880; Gold Medal, Calcutta, 1883; Gold Medal, London, 1884. I.H.E., London, 1884. Hors Concours.

## CLASS 262—Boots, Shoes, &amp;c.

170. **Bostock & Co.**, Stone, Staffordshire—Boots and shoes. H. B. Hardt, representative.
171. **Branch, James**, 19, Bethnal Green-road, London—The "Bective" ladies' and gents' hygienic boots and shoes. H. B. Hardt, representative.
172. **Brown & Sons**, Wellingborough—Boot and shoe uppers, leggings, and gaiters.
173. **Flanton, H. & W., & Co.**, Rope-maker-street, Finsbury, London—Boots and shoes.
174. **Grinson & Co.**, Leicester—Boots and shoes. H. B. Hardt, representative.
175. **Hornby & West**, Northampton—Boots and shoes, cutting boards.

176. **Jones, William Newland**, Northampton—Gentlemen's boots and shoes, machine and hand sewn. H. B. Hardt, representative.
177. **Smith, Samuel, & Co.**, 31, Great Eastern-street, London—Boots and shoes for export. H. B. Hardt, representative.
178. **Snow, T. Foster**, Brixton—Acme boot stud and heel-plate protector, &c. H. B. Hardt, representative.
179. **Furner, Jonas, & Son**, Cuthbert-street, London—Boots and shoes.

CLASS 264—Artificial Flowers, Ornaments, &c.

180. **Aaron, Sons, & Co.**, 18, Jewin-street, Aldersgate, London—Umbrellas, sunshades, parasols, walking-sticks, &c.
181. **Sohn, A., & Co.**, 43, London Wall, London—Umbrella sticks and handles.
182. **Saunders, Benj., & Son**, Bromsgrove, Worcestershire—Covered, flexible, and fancy buttons.

CLASS 268—Stationery.

183. **Baker & Syme**, Ludgate Circus, London—Stationers' materials.
184. **Banks, Ann**, Keswick, Cumberland—Blacklead and other pencils.
185. **Cohen, B. S.**, 24, Great Prescott-street, London—Lead pencils, pocket pencils, sharpeners, &c.
186. **Cond Brothers**, Birmingham—Fine art publications, stationers' sundries.
- 186A. **Cowan & Co.**, Edinburgh, and Grenfell-street, Adelaide—Manufactured stationery.
187. **Crowder, James**, 20, Newgate-street, London—Fancy stationery, &c.
188. **Deakin & Co.**, 45, Eastcheap, London—Playing cards.
189. **Gillott, Joseph, & Sons**, Birmingham—Steel pens. (See page 36.)
190. **Hardmuth, L., & Co.**, 2, Long Lane, Smithfield, London—Pencils in every variety.
191. **Jackson, Plunkett, & Co.**, 6, George Yard, London—Artistic and fancy stationery.
192. **Johnson, W., & Sons**, 14, Gough-square, Fleet-street, London—Bevelled-edge cards.
193. **Macniven & Cameron**, Edinburgh—Collection of pens and penholders.
194. **Phillips, F. H. B.**, 10, Mansion House Chambers, London—Stationers' sundries.
195. **Willis & Co.**, Long Acre, London—Stationers' sundries, playing cards.
196. **Windle & Blyth**, Walsall—Manufactured stationery and sundries.
197. **Wolf, E., & Sons**, 55, Great Queen-street, London—Black lead and coloured pencils, crayons, &c.

CLASS 269—Writing Paper, Envelopes' &c.

198. **Jones, Samuel, & Co.**, 56, Castle-lane, London—Coloured surface and gummed papers.
199. **Spalding & Hodge**, 34, Cannon-street, London—Paper—writing, printing, and book, envelopes, &c.

CLASS 270—Printing and Wrapping Paper, &c.

200. **Bramhill, Wm.**, Manchester—Oil and lithographic printing.
201. **Henry, E. F., & Co.**, Paper Works, Bermondsey, London—Paper bags.
202. **Trotter, J., & Son**, Chirnside, Scotland—Printing and lithographic paper, charts, &c.

CLASS 271—Blank Books, Bookbinding, &c.

203. **Shannon, File, & Co.**, North-street, Moorfields, London—Cabinets, paper files, and other labour-saving devices.
204. **Spicer Bros.**, 19, New Bridge-street, London—Account books, writing paper, &c.
205. **Thomas & Sons**, 83, Coleman-street, London—Patent account books, ledgers for bankers, &c. H. B. Hardt, representative.

CLASS 272—Printing and Writing Inks.

206. **Christian, James F.**, 46, City-road, London, E.C.—Sole proprietor of Henry Bond's original oak-tree marking ink. This valuable invention of the late Henry Bond claims a preference over all others in the freedom with which it can be used, with or without the application of heat, and never any fear of injury to the finest fabric. It is not a mere solution, but a complete and perfect indelible ink, remarkable for its fluidity and thorough unity, showing no tendency to spread or blot even on the finest fabric. To obtain this ink it is not sufficient to ask for Bond's ink, as there are many spurious imitations in the market. The genuine H. Bond's bears the red trade mark—a oak tree. Please write or ask for Bond's oak-tree marking ink. (See advertisement page.) H. B. Hardt, representative.
207. **Field, James John**, 25, Helmet-row, Old-street, London—Chemical non-corrosive writing and copying inks. H. B. Hardt, representative.
208. **Hickisson, James**, 75, Southgate-road, London—Crystal Palace Bonds (daughter) writing inks.
209. **Phillips, W., & Co.**, 11, Queen Victoria-street, London—Marking ink.

Gillott, Joseph, & Sons, Victoria Works, Graham-st., Birmingham.—Steel Pens.

TRADE

*J. & S. Gillott*

MARK.

This Exhibit is composed of a selection of:—

ORDINARY WRITING PENS;  
LITHOGRAPHIC PENS;  
DRAWING PENS; and  
PIERCED & COLOURED ORNAMENTAL PENS.

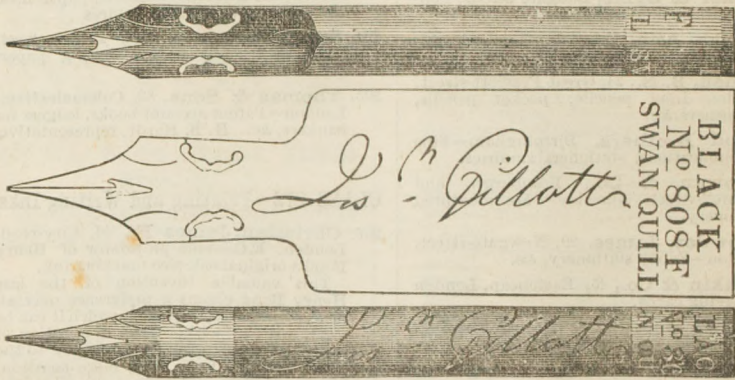
All these Pens are made of Steel.

Although the last mentioned Pens are ornamental only they exhibit some of the most important processes in the Manufacture of the Pens of commerce. The beautiful tints observable on some of these Pens are all obtained by the application of heat simply, no colouring matter being used. The finishing process of colouring applied to pens of utility, as well as the processes of "piercing" and "grinding," are here shown to perfection.

The Firm of Messrs Gillott has been established more than half a century, and is made

the object of the following observations by the author of "British Manufacturing Industries":—

"The first great impulse given to the trade of Penmaking was due to the late Mr. Joseph Gillott. At the time Mr. Gillott commenced operations much of the beautiful machinery now in use had yet to be invented, and was afterwards invented and perfected by himself. There was no such thing as the 'Slip' Pen, which now constitutes the staple of the trade—the thin piece of metal 'raised' from the flat. Mr. Gillott adapted the press to the making of Pens. He saw that this would enable him to dispense with most of the slow and laborious operations of Pen-making; that it would cut out the 'blanks,' slit them, bend the metal, stamp the maker's name, and thus



by mechanical means, render production at once rapid and certain. The metal had to be repaired by rolling, 'pickling,' and tempering for the action of the press. Then special dies had to be made for each size of Pen, and for each operation of stamping to which the 'blanks' had to be submitted. Presses of improved construction—quick, light, easily worked, and yet firm enough to strike a sharp, heavy blow—had to be made. And when these difficulties were overcome, there remained others not less formidable—such as tempering the metal after it had left the press; rendering the newly-made Pens flexible, so as to write easily; cleaning and polishing them without injuring their fineness; and coating them with some kind of varnish, in order to protect them from rust. This was the work Mr. Gillott set himself to do; and with much ingenuity and unflagging perseverance he accomplished it. By degrees

the press was adapted to the cutting, slitting, bending, and marking processes; machinery was devised for cleaning and polishing the Pens; and experiments were made with the different qualities of Steel, and various ways of preparing it for use. At last Mr. Gillott attained the degree of excellence which has become inseparably associated with his name; and the trade ultimately reached the importance, perfection, and extent which now characterize it. In this way the Steel Pen, unknown a generation since save to the curious, became a familiar weapon throughout the world, 'from the cabinets of Princes to the hut of the Australian Bushman.'

At the International Exhibition, Paris, 1878, the Gold Medal was awarded to Messrs. Joseph Gillott and Sons for their exhibit of Steel Pens.

H. B. HARDT, Representative.

**CLASS 273 — Cards — Playing Cards,  
Cardboards, Paper Boxes, Pasteboard.**

210. **The Artistic Stationery Company, Limited**, London—Menus, programmes, memorial, invitation, and complimentary cards, untearable boards for chromo-lithography, &c.

TRADE MARK.

211. **Arundel & Marshall**, Hoxton, London—Cardboard boxes (fancy, folding, &c.), for drapers, &c.
212. **Atherton, W., & Co.**, 76, Milton-street, London—Fire stove ornaments, Christmas cards, &c.

**CLASS 274—Paper Manufactures.**

- 212A. **Cowan & Co.**, 38 West Register-street, Edinburgh, and Mill 60, Valleyfield—Papermakers and wholesale stationers.
213. **Spalding & Hodge**, 34, Cannon-street, London—Willesden paper.
214. **Willesden Patent Waterproof Paper and Canvas Co.**—Waterproof paper, canvas, &c., rustic hut.

**CLASS 275—Wall Papers, &c.**

215. **Carlisle & Clegg**, Graham-street, City-road, London—Paperhangings.
216. **Jeffrey & Co.**, Essex-road, London, Manufacturers of all classes of non-arsenical Artistic Wall Papers, from designs by leading British artists.
- The exhibit includes "The Royal Jubilee Wall Paper," hand-printed and inexpensive machine-printed papers, embossed leather papers, &c. Highest Awards, including Six Gold Medals. Agents in Sydney—Downing & Co., 243, Pitt-street. H. B. Hardt, representative.
217. **Slater, Henry & Leigh**, Dantzic-street, Manchester, and Bollington Mills, Cheshire, exhibit a great variety of papers, many of them of special kinds. They comprise tinfoil paper, surface coloured papers, cardboard; news, printings, writings, blottings, and sugar papers. Besides these their collection contains specimens of felt—a new and cheap production for roofing purposes.

**CLASS 276—Military Small-Arms,  
Ammunition, &c.**

218. **Automatic Sporting Shrapnel Co.**, Edinburgh—Shells for wild fowl shooting and long shots.
219. **Cashmore, Wm.**, Steelhouse-lane, Birmingham—Manufacturer of top lever ejecting and other hammerless and hammer guns, rifles, revolvers, implements, ammunition, &c.



This exhibit includes the latest pattern top lever ejector; the "Paragon" hammerless gun, with improved top bolt in extension, and automatic safety bolts to sears, triggers, and tumblers. New model solid-bar trap gun. Special heavy muzzle-loading duck gun. "Collector" guns, Kangaroo rifles, revolvers, &c. Mr. Cashmore is represented at Adelaide Jubilee Exhibition by Messrs. W. & T. Rhodes. See advertisement.

220. **Cogswell & Harrison**, 142, New Bond-street, London—Guns and rifles. H. B. Hardt, representative.
221. **Eley Brothers, Limited**, 254, Gray's Inn-road, London—Ammunition, sporting and military; cartridge cases, &c.
222. **Field, Alfred, & Co.**, Birmingham—Sporting guns, saloon rifles, revolvers.
223. **Greener, W. W.**, Birmingham—Guns, rifles, revolvers.
224. **Kynoch, G. & Co.**, Birmingham—Ammunition.
225. **Morris Aiming & Sighting Apparatus Co., Limited**, 9, Bride-street, London—Tubes for military and sporting guns.
226. **Needham, J. N.**, Birmingham—Sporting guns, rifles, and requisites.
227. **Redman, Richard**, Birmingham—Sporting guns and revolvers.
228. **Scott, W. C., & Son**, Premier Gun Works, Birmingham, and 10, Great Castle-street, Regent Circus, London. By special appointment to H.M. the King of Spain and H.M. the King of Norway and Sweden—Sporting guns and rifles.
229. **Turner, Thomas**, 19, Brook-street, Bond-street, London—Guns, rifles, &c. H. B. Hardt, representative.
230. **Tisdall, W. H., & Son**, Birmingham—Guns, rifles, &c.
231. **Ward & Sons**, Birmingham—Guns, rifles, &c. H. B. Hardt, representative.

# ALFRED FIELD & CO.,

## Gun Manufacturers & Hardware Merchants,

### EDMUND ST., BIRMINGHAM.

Single and Double-barrel Muzzle Loaders.

Single and Double-barrel Breech Loaders.

Rifles, Revolvers, Gun Implements.

Specialite, "THE USEFUL GUN," a strong, durable Gun of first-class workmanship, at a moderate cost.

**Brands—"Field," "Saxton."**

Stand No. 149, Court 1, Western Annexe.

# ALFRED FIELD & CO.,

## Cutlery Manufacturers,

### 23, WESTFIELD TERRACE, SHEFFIELD.

Table Knives	Hunting Knives	E.P. GOODS.
Dessert Carvers	Palette and Putty Knives, &c.	Fish Carvers
Carver Cases	Penknives	Fish Eaters
Bread Knives	Pocket Knives	Desserts
Butchers' Knives	Sporting Knives	Butter Knives
Butchers' Steels	Eraser and Desk Knives	Fruit Knives
Spear Knives	Razors	Jam Spoons
Daggers	Scissors	Sardine Tongs
Bowie Knives	Button Hooks, &c.	Pickle Forks
		Spoons, Forks, &c.



#### TRADE MARKS:

ALFRED FIELD & CO.,  
SHEFFIELD.

A. FIELD,  
SHEFFIELD.

ALEX. FRASER & CO.,  
SHEFFIELD.

Stand No. 376, Court 1, Western Annexe.

REPRESENTATIVE IN AUSTRALIA—

**CHARLES H. KINDER,**

Hosking Place, 84a, Pitt Street, Sydney, New South Wales.

### CLASS 277—Light Artillery, Machine Guns, &c.

232. **Armstrong, Sir W., Mitchell, and Co.**, Newcastle-on-Tyne—Hotchkiss gun on recoil carriage, models disappearing guns.
234. **Curtiss & Harvey**, 74, Lombard-street, London—Gunpowder (models).
235. **Hall, John, & Son**, Dartford, Kent—Imitation samples of gunpowder.
236. **Hawkesley, G. & J. W.**, Sheffield—Breech-loading gun implements, powder flasks, &c.
237. **Kames Gunpowder Co.**, 74, Lombard-street, London—Gunpowder (models).
238. **Nordenfeldt Gun and Ammunition Co.**, London—Machine guns, gun carriages, ammunition.

### CLASS 279—Knives, Swords, Spears, and Dirks.

239. **Mole, Robert, & Sons**, Granville-street, Birmingham—Swords (cavalry and infantry) for service and presentation, including the new War Office pattern cavalry sword, lances, &c.; matchets as used in the cultivation of coffee and sugar, and for other plantation work.

Gold medal, Inventions Exhibition, 1885. Gold medal, Edinburgh, 1886. Gold medal, Liverpool, 1866. The only private makers in the country to the War and Indian offices. H. B. Hardt, representative.

#### War Office Exhibit (lent by British War Department).

**R.L. CARTRIDGES** (small arms)—Ball pistol revolver, Adams' B.L.; do., do., do., Enfield. B.L. blank. Ball B.L., Snider rifle; do., do., buckshot. Ball, M.H. rifle; M.H. rifle or carbine, buckshot.

**CARTRIDGES** (machine gun)—Nordenfeldt, 1in., steel Gardener and Gatling, 45in. Whole and sections of each of the above.

**CARTRIDGES** (silk cloth)—B.L. 16in., 25, 112lbs.  $\frac{1}{2}$  charge. M.L. 16in.

Cartridge, B.L., filled, 12-12. Full, 4lbs., S.P.

Cartridge, R.M.L., filled, 2ft., 5in., full.

**DETONATORS**, electric, whole and section—No. 5. High tension, Abel land service. No. 9. Low tension, naval. No. 12. Low tension, submarine. No. 13. Low tension, land service. No. 18. Drill. No. 8. For safety fuse, land service. No. 15. For instantaneous and safety fuses, naval.

**FUSES**—Percussion, direct action. Percussion, R.L. Percussion, small. Time and percussion, short. Time, wood, with detonator. Time, wood, boxer, 15sec., M.L.

**SHELL**—R.M.L., common, 2ft. 5in., section. R.M.L., shrapnel, 2ft. 5in., section. Shot-case, 25in., whole.

**SHELL**—R.M.L., common, 16in., section; Do., do., shrapnel, do.

**SHOT**—R.M.L. case, 16in., whole.

**SHELL**—R.M.L., Palliser, 16in., whole. Do., B.L. common, 16'25in., section. Do., do., shrapnel, do. Do., do., Palliser, do., whole.

**SHOT**—B.L., case, do., do.

**SHELL**—B.L., common, 12in., pair section. Do., do., shrapnel, do., do.

**SHOT**—B.L., case, 12in., whole.

**R.L. TUBES**—Electric:—No. 4, high tension, Abel, for gun, quill, wood head. No. 10, low tension, naval, quill, with insulated wire. No. 11, low tension, naval drill brass, with insulated wire. No. 17, high tension, Abel, for time guns, quill-wood head.

**TUBES**—Friction:—Naval, long, with wire loop, 7-pr., also 2'25 inch. Quill, long; quill, short; quill, time gun. Tubes, vent sealing. M. brass for guns with vent working slides, electric. P. brass for guns with percussion cocks, electric. V. brass for guns with vent heads, electric. M. brass for guns with vent working slides, friction. V. brass for guns with vent heads, friction. Percussion brass for guns with percussion cocks. Tubes—friction—copper. L.S. long. L.S. short.

Whole and section of each of the above tubes and fuses.

**FIREARMS**—Flint-lock musket; smooth-bore percussion muskets and rifles; fusil sergeant's smoothbore pattern, 1843; rifle, Brunswick pattern, 1842; rifle, Minnie pattern, 1851; rifle, Enfield long pattern, 1863; do., do., short pattern, 1860.

**BREECH-LOADING RIFLES**—Rifle, Snider (mark II.), do., do. (mark III.), do., Martini-Henry (mark I.), do., do. (mark II.), do., do. (mark III.), do., Enfield-Martini.

**SWORDS AND SCABBARDS**—Cavalry pattern, 1853; do., 1864; do., 1865.

Two 5-inch mount-in carriages, with cradles for gun carriage.

Case of specimens of iron and steel; approximate weight and dimensions—Carriage mountain, 5 ton 4 cwt. 3 qrs. 7 lbs.; 4.6 x 3 x 1.6 (axletrees removed.)

Cradle gun, including panels, &c.—Breech, 2.3.19. 2.6 x 1.9 $\frac{1}{2}$  x 1.10; chair, 1.3.21, 2.6 x 1.9 $\frac{1}{2}$  x 1.11 $\frac{1}{2}$ .

Cradle, carriage, including panels, 2.2.23, 2.6 x 1.9 $\frac{1}{2}$  x 1.10.

**R.G.F.**, sectional wooden models of 111-ton B.L. gun; do., 69 do.; 6-inch wire do.; also 25-inch twisted do.

**PACK SADDLERY (ARTILLERY)**—Cradles, carriage, R.M.L., 2ft. 5in.; gunbreech, R.M.L., 2ft. 5in.; gun chase, R.M.L., 2ft. 5in. Pannells, R.M.L., 2ft. 5in., pairs. Straps, carriage, R.M.L., 2ft. 5in. Straps, gun, R.M.L., 2ft. 5in.

**DRAWINGS OF CARRIAGES, &c.**—One 10-inch R.M.L. for under cover loading, as sent to Hongkong. 2. The 43-ton yoke mounting. 3. 5-inch lattice girder overbank carriage, or centre-pivot platform. 4. 12p. B.L. carriage.

111 photographs illustrative of the progress made in artillery during the last thirty years.

## CLASS 283—Medicines.

240. Bowden, F. H., 43, King William-street, London, E.O., England, and at Madras, India—Henry's Great Indian Remedies, comprising

شفائے مریمان ہنری کا تیم



Invaluable alike to owners and breeders of horses, dogs, cows, sheep, pigs, &c. "Hippacea" does not contain mercury, or any other drug poisonous to the blood or stomach, and cures with surprising quickness warbles, broken knees, cracked heels, foot rot, sitfests, overreaches, sore shoulders and backs, cuts and wounds, strains and sprains, mange, ringworm, eczema, heat lumps, ear cankers, &c.

"Hippacea" allays all irritation, kills inflammation immediately, and reduces swellings, &c. Prices, 3s. 6d., 6s. 6d., and 12s. 6d. per tin.



"Thilum" possesses remarkable pain-subduing and healing properties, and is "The Cure" for rheumatism, neuralgia, and neuralgic headache, cramps, burns, chafes, blisters, pains in joints and back, cuts and wounds, lumbago, stiffness from violent exercise, ringworm, sore throat, bronchitis, stiff neck, piles, mumps, and wherever there is inflammation, swelling, or pain.

Cricketers, cyclists, and athletes generally will find both "Thilum" and "Hippacea" most valuable for sprains, chafes, stiffness, &c. Prices, 1s. 6d., 3s., 6s. 9d. per box.



JVARA-HARI is what its name implies, Fever Destroyer, and is a most efficacious medicine for malarious fever, and possesses the all-important advantage over quinine of being administerable with perfect safety while the fever is on.

Prices, 1s. 6d. and 3s. per bottle.

**Omm-Carpool**  
TRADE MARK

This popular preparation is proved by many years experience in India to be a most effectual remedy for cholera, diarrhoea, flatulent colic, spasms in stomach and bowels, indigestion, &c.

N.B.—For women who suffer from dysmenorrhœa (painful menstruation) this preparation is invaluable.

Prices, 1s. 6d. and 3s. per bottle. Adelaide Depot: The Exchange, Pirie-street.

241. Burroughs, Wellcome, & Co., Manufacturing Chemists, Snowhill Buildings, London, E.C.—Kepler extract of malt, Kepler solution of cod liver oil, tablets and tabloids of compressed drugs, hazeline, beef and iron wine, strophanthus (tincture and tabloids of), zymine (extractum pancreatis; pepsin in scales, elixoids, paloid fluid extracts, lanoline, lanoline toilet soap, lanol ne pomade, lanoline cold cream, compressed hypodermic tabloids, artificial sponges, Bishop's citrate of caffeine and hydrobromate of caffeine. (See page 40.)

242. Davies, Thomas J., Liverpool—Preparations for diseases of animals.

243.



H. B. Hardt, representative.

243A. Hanford, James, Leeds, England—Golden embrocation.

243B. May & Baker, Battersea, London—Fruit essences and general manufacturing chemists.

244. Robson & Co., Leadenhall House, London—Patent medicines, fruit laxative, &c.

244A. Richardson, John, & Co., Leicester—Pharmaceutical compounds, patent medicines, coated pills, fluid extracts, and general druggists' supplies.

Burroughs, Wellcome, & Co., Manufacturing Chemists.

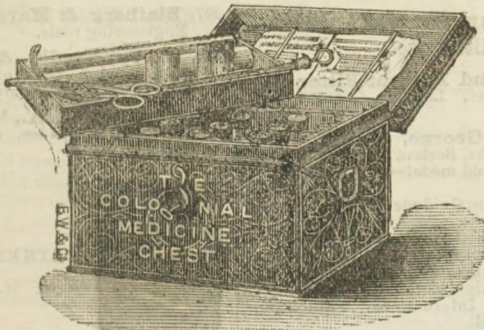
## The "Burroughs" COLONIAL MEDICINE CHEST

(IN ORNAMENTED METAL OR POLISHED TEAK WOOD).

Specially prepared for use in the Colonies, and in all Tropical Countries, by Physicians, Surgeons, Soldiers, Explorers, Travellers, and Families out of the reach of prompt Medical treatment and advice.

In each Chest is included a copy of the "Traveller's Medical Guide," which was originally compiled for the use of H. M. Stanley's Expedition for the relief of Dr. Emin Pacha.

THE COLONIAL  
MEDICINE CHEST.



THE COLONIAL  
MEDICINE CHEST.

*Contents of Burroughs, Wellcome & Co.'s Metallic Colonial Medicine Chest :*

- |  |  |                                       |
|--|--|---------------------------------------|
| 100 Potassium Bromide "Tablets," 5 gr.   | 100 Dover's Powder "Tablets."          | 100 Calomel. "Tabloids" Aconite.      |
| 100 Laxative Vegetable "Tablets."        | 100 Ipecacuhana Pulv. Powd. "Tablets." | Chlorodyne. Valoid Fld. Ext. Ergot.   |
| 100 Ammonium Chloride "Tablets," 3 gr.   | 100 Sodium Salicylate "Tablets," 3 gr. | Licorice. Medicine Dropper.           |
| 100 Chlorate Potash and Borax "Tablets." | 100 Soda-Mint "Tablets."               | Bandage. Syringe.                     |
| 100 Bismuth Sub-Nitrate "Tablets."       | 100 Quinine Bisulph. "Tablets," 2 gr.  | Reel of Silk. Catheter.               |
| 100 Potassium Iodide "Tablets."          | 100 Livingstone's Rousers.             | Surgeons' Needles. Hydrarg "Tablets." |
| Dialysed Iron Eucalyptine.               |  |                                       |
| Sal. Volatile. Ess. Camphor.             |  |                                       |
| Scissors, Knife. Court Plaster.          |  |                                       |
| Caustic Stick. Mustard Plaster.          |  |                                       |
| Oiled Silk. Tooth Stopping               |  |                                       |
| Adhesive Plaster. Camel's Hair Brush.    |  |                                       |
- Hypodermic "Tabloids."—Morp. Sulph., 1/8 gr. ; Cocaine, 1/6 gr. ; Hydrarg Per. 1/60 gr.

**London Price, £3 3s.** May be ordered through any Chemist.

The Colonial Medicine Chest in Polished Teak Wood contains a larger variety and quantity of Medicines and Appliances. **Price, £5**

The Medical Missionaries' Pocket Case containing 10 Tubes "Tablets," assorted, **15/-**

Physicians' Leather Pocket Cases of portable Compressed Medicines are also exhibited, Catalogues post free on request. Supplied by the Drug Trade.

The "Tablets" and "Tabloids" (Trade Marks) of compressed drugs as prepared by Burroughs, Wellcome & Co., are much easier to swallow than the round pills; those which are intended for internal use dissolve more readily than any other pill, while those for local effect upon the throat are compressed hard and dissolve slowly.

*See Advertisement, Burroughs, Wellcome & Co.*

**Agent at Exhibition—J. M. NEWING.**

245. **Tipper, B. C., & Co.**, Birmingham—Foods, condiments, and medicines for horses, &c.

246. **Warwick Brothers**, Old Swan Lane, London—High-class medicated confectionery.

246A. **Whiffen, Thomas**, Lombard-road, Battersea, London—Manufacturers of quinine, salacine, Hulle's strychnine, &c., &c.

CLASS 284—Dietetic Preparations, as Beef Extract, &c.

247. **Brand & Co.**, 11, Little Stanhope-street, Mayfair, London—Meat essences, beef tea, and delicacies for invalids.

CLASS 285—Pharmaceutical Apparatus, Filters, &c.

248. **Chamberland Pasteur Filter Co.**, 29, Queen-street, London—Chamberland Pasteur filter.

249. **Cheavin, George**, Wide Bargate Filter Works, Boston, England.

New patent Gold medal—removable plate water filters.

Improved patent Gold medal—rapid water filters.

Improved self-acting cistern filters.

Improved pocket filters.

Improved ornamental refrigerator filters.

Improved highly-decorated filters.

Gold medal International Exhibition, Adelaide, 1881.

Gold medal do., do., Perth, W.A., 1881.

Gold medal do., do., Christchurch, 1882.

Gold medal do., do., Melbourne, 1880.

Gold medal do., do., Brussels, 1880.

Gold medal do., do., Paris, 1879.

Gold medal do., do., Calcutta, 1884.

Gold medal do., do., Antwerp, 1885.

Highst awards at all the following International Exhibitions—Sydney, 1879 and 1876; Amsterdam, Cape Town, Philadelphia, London, Paris, Stockholm, &c., &c.

250. **Graham & Co., J. H.**, Great Eastern-street, Finsbury, London—Water filters, carbon blocks for battery purposes.

251. **London and General Water Purifying Co.**, 157, Strand, London—Household, pocket, and cistern filters. H. B. Hardt, representative.

251a. **Maignen's Patent Filtre Rapide** for the purification of water and the clarification of all other liquids. Australian "bush" filter. Maignen's patent anticalcaire for making hard water soft; for drinking, cooking, washing, &c.; for steam boiler users. 32, St. Mary-at-Hill, London, E.C.

252. **Manson, Swan, & Weddell**, New-castle-on-Tyne—Water filter.

253. **Silicated Carbon Filter Co.**, Battersea, London—Filters for households, brewers, and manufacturers.

254. **Stock & Brownlow**, Manchester—Filters, plain and ornamental.

CLASS 287—Surgical Instruments and Appliances.

255. **Schuitze, F., & Co.**, 9, South-street, Finsbury, London—Surgical appliances, instruments, &c.

CLASS 288—Dental Instruments and Appliances.

256. **Jones, Geo. Horatio, F.R.L.S.**, 57, Great Russell-street, London—Specialities in dentistry. H. B. Hardt, representative.

CLASS 290—Hand Tools and Instruments.

257. **Blaiberg & Marson**, Birmingham—Engineering tools.

258. **Braby, Fredk., & Co.**, 362, Euston-road, London—Galvanised corrugated iron, iron buckets, holloware.

258A. **Lydon, W. A.**, Minerva Works Birmingham—Spades, shovels, and edge tools.



"ATHENA"  
TRADE MARKS.





259. **Marsh Bros., & Co.**, Sheffield—Steel files, saws, edge tools, cutlery. H. B. Hardt, representative.


260. **Martin, Robert**, Old Charlton, Kent—Mechanical tools.


261. **Naish, Sons, & Co.**, Birmingham—Yorkshire lathe, drilling machine.


262. **Nettlefolds, Limited**, Birmingham, Smethwick, King's Norton and Tydu, near Newport, Mon., Manufacturers of Iron and Brass Screws for Wood or Metal, Screw Hooks, Screw Eyes, Coach Screws, Cone Head Screws and Washers for Roofing, Copper Nails, Rivets and Washers, Galvanised Bolts and Nuts, Carriage Bolts and Nuts of all descriptions, Clout Nails, Cotter Pins. All kinds of Rivets, Wire Nails, Bar and Rod Iron and Steel, Iron and Steel of various sections, and Iron and Steel Drawn Wire.

 Trade Marks.  
Wellington Steel, Bars, Hoops, &c.

 Best Steel Bars, Hoops, &c.

 Rolled Fencing Wire, Tinmen's Wire, &c.

 Fencing, Drawn Wire, &c.

 Screws, Hook and Eyes, Rivets, &c.

263. **Parker, Chas., & Son**, Sheffield—Tools.
264. **Parkinson, Joseph**, Bradford—Lathes, patent perfect vices, &c.

265. **Rhodes, J., & Son**, Wakefield—Presses, dies, &c., for working sheet metals.

266.

# KANGAROO BRAND



EDGE TOOLS, AUGERS, SAWS, SCYTHES, SHEEP SHEARS, FILES, CRUCIBLE STEEL, &c.

SOLE MANUFACTURERS—

ROBERT SORBY & SONS, Crver Street, SHEFFIELD.

267. **Sheppy, Henwood, & Co.**, 88, East India-road, London—Machine tools, edge tools, &c. Representing—Lee & Hunt's machine tools. Lee & Hunt's Cold iron saw. Wilson Engineering Co.—Portable ranges. Starley Bros.—Bicycles and tricycles. Perfect Carbon Light Co.—Patent gas fittings. Mawhood Bros.—Sheep shears. Sawyer's crystal spring filters. Transparent Wireware Roofing Co.—Transparent roofing. Curzon's percolator.
268. **Scott Bros.**, Halifax—Lathes, steam hammers, &c.
269. **Willis, A. W., & Son**, Birmingham—Axes, adzes, mining and other picks.
270. **Wright, Peter, & Sons**, Dudley, Worcester—Anvils, vices, smiths' tools, hammers.

## CLASS 291—Cutlery.

271. **Allcock, S., & Co.**, Redditch—Fishhooks, fishing rods, flies, reels, &c.
272. **Avery, W., & Son**, Redditch—Needles, hairpins, and fishhooks.
273. **Bartleet, William, & Sons** (established 1750); manufactory, Abbey Mills, Redditch, England—



Needles, sewing machine needles, crochet hooks, fishhooks, and fishing tackle. Manufacturers of the celebrated "Archer" brand of perfect needles.

Agent for Australasia and New Zealand:—  
 Lister Henry—  
 Adelaide, Grenfell-street.  
 Sydney, 56, Clarence-street.  
 Melbourne, 30, Flinders Lane West.

274. **Butler, Geo., & Co., Limited**, Sheffield—Cutlery.
275. **Ellin, Thos., & Co.**, Sheffield—Cutlery.
276. **Field, Alfred, & Co.**, Sheffield—Cutlery.
277. **Gregory, Wm., & Sons**, Sheffield—Butchers' knives, cutlery.
278. **Heeley, James, & Son**, Birmingham—Corkscrews, key rings, nut crackers, &c. H. B. Hardt, representative.
279. **Humphreys, W. R., & Co.**, Sheffield—Cutlery, steel and electroplated.
280. **James, John, & Son**, Victoria Works, Redditch—Needles and fishhooks. Manufacturers of Best Spring Steel Sewing and Machine Needles, Sail Needles, Packing Needles, &c. Every kind of Sea and River Fishhooks, and Fishing Tackle for all Markets. Patentees of Improved Needle Wrappers and Needle Cases. The Transparent Needle Packets (Patented 1884).



TRADE MARK.

281. **Kirby, Beard, & Co.**, 115, Newgate-street, London, E.C., and 75, Boulevard de Sebastopol, Paris. Factories, Birmingham and Redditch—Sole makers of the new self-threading needle.
282. **Needham Brothers**, Sheffield—Cutlery, scissors, &c.
283. **Needham, Veall, & Tyzack**, Sheffield—General cutlery. H. B. Hardt, representative.
284. **Rodgers, Joseph, & Sons, Limited**, 6, Norfolk-street, Sheffield—Cutlery and plated ware.

The collection exhibited by Messrs. Joseph Rodgers & Sons, Limited, includes examples of the various articles of their manufactures:—

Pocket knives from the lowest prices upwards.

Highly-finished Sporting Knives, with all sorts of instruments for shooting, fishing, and other country pursuits.

Bowie and Hunting Knives, with sheaths mounted in steel, Nevada silver, and real silver.

Razors of every description, particularly the modern concave or hollow ground blades, which have very keen and smooth edges.

Scissors of every description, arranged in sets of from three to seven pairs.

Table Cutlery of all kinds, especially the recently-introduced Ebonite Handles, which cannot be separated from their blades.

Carvers of "warranted good" quality. Forks with their patent revolving guard.

Fancy carved-handle Bread Knives, Plated Dessert Knives and Forks, Fish Knives and Forks, and Carvers.

Butchers' Knives and Steels of the best quality and in great variety.

Spoons, Forks, &c., and Plated Hollowware of all descriptions.



Articles, as exhibited, manufactured by Messrs. Joseph Rodgers & Sons, Limited, who are Cutlers to Her Majesty Queen Victoria, are stamped (in addition to the name) with their trade mark—a "Star and Cross," as annexed.

255. Webster, Wm., & Son, Sheffield—Cutlery, pocket knives, scissors, razors.

286. Wilson, James, & Co., 63, Leadenhall-street, London—Fishing lines, log-lines, ash lines, whipcord.

#### CLASS 292—Emery and Sandpaper and Cloth, &c.

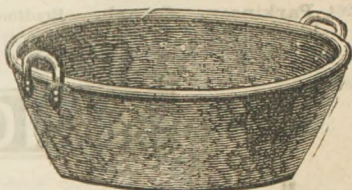
287. Fordham, W. B., & Sons, York-road, King's Cross, London—Emery and glass paper and cloth, glue, gelatine. H. B. Hardt, representative.

288. Goldsworthy, Thomas, & Sons, Manchester—Emery, emery cloth, glass cloth, knife polish.

#### CLASS 293—Metal Hollowware, Ornamental Castings.

289. Anglo-American Tin-Stamping Co., Limited, Stourport, England—Enamelled, tinned, brass, and copper seamless hollowware, japanned and crys-

tallised ware. Manufacturers of enamelled and tin goods of every description.



This exhibit forms a collection of samples of seamless wrought-iron enamelled ware in blue and white, all white, marbled, and patent granite, or agate. Warranted to be pure, being free from all injurious ingredients. No lead, arsenic, or antimony used in the manufacture.

Also samples of seamless tinned and re-tinned ware. In re-tinning their goods this Company use pure tin only, allowing no lead to enter into its manufacture.

In addition to the foregoing the samples of seamless copper and brass ware, japanned and crystallised ware are specimens which compare favourably with other makes.

The Company have secured highest awards wherever exhibited.

Goods may be obtained from Messrs. McLean Brothers, Rigg, & Co., Hindley-street, Adelaide, or through any merchant.

290. Cannon Hollowware Co., Deepfield, Stafford—Enamelled and tinned metal hollowware.

291. Clarke, T. & Co., Wolverhampton—Tinned and enamelled hollowware.

292. Hopkins, J. H., & Sons, Birmingham—Tin plate, japanned, galvanised hollowware.

293. Kenrich, Archibald, & Son, West Bromwich—Enamelled hollow tin ware, &c.

294. McDowell, Stevens, & Co., Glasgow—Cast-iron work, plain and ornamental.

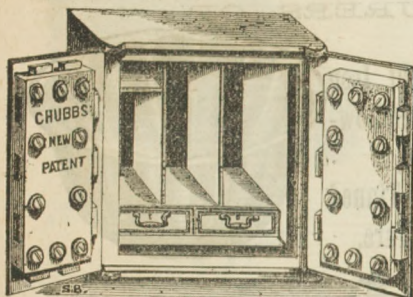
#### CLASS 294—Hardware.

295. Barwell, William, Birmingham—Bolts, nuts, rivets, screws, &c., used in construction.

296. Chatwin, Thomas, Great Tindal-street, Birmingham, England—This exhibit comprises an extensive and varied assortment of stocks, dies, and taps of all the most approved kinds for engineering and gas purposes; improved portable machines for screwing and cutting-off iron tubes for use by hand, and also for hand and steam power; twist drills, rimers, circular milling cutters, screw tools, registered folding combination gas fitters' tools, ratchet and crank braces, drilling pillars, clyburn and budding spanners, tube cutters for wrought and cast-iron tubes, tube wrenches, tube vices, &c.

Represented by Messrs. McLean Bros., Rigg, & Co., Adelaide.

297. **Chubb & Sons' Lock & Safe Co., Limited**, 3, Market Street, Melbourne (C. C. Bell, Manager for Australia); also Liverpool, Manchester, Wolverhampton, Bombay, &c. Chief Warehouse:—128, Queen Victoria Street, London, E.C. Makers to the Queen, Bank of England, &c.



#### CHUBB'S PATENT STEEL SAFES

Give exceptional security against Fire and Burglars. Constructed by special machinery on the most advanced principles; they are also fitted with various appliances for insuring greatest strength and efficiency.

The outer shells of so'd thick steel plate are lined with Chubb's Fire-proofing Compound, enclosed in a case of sheet steel. Chubb's patented Frame Sections give great rigidity and affords a solid jamb behind which bolts are shot by Chubb's Patent Wheel Lock, which is secured by Chubb's Patent Gunpowder and Acid proof or Detent Locks.

The Keyholes are surrounded by Chubb's Patent Drill Protective.

#### CHUBB'S PATENT BANKERS' SAFES

are made of composite plates of hard and soft steel and wrought iron, 1 in. and 1½ in. thick, with rebated, dovetailed, and rivetted joints. They are fitted with CHUBB'S PATENT DIAGONAL BOLTS, which are the best known safeguard against wedging.

#### CHUBB'S PATENT ENGINEER SAFES, and

#### CHUBB'S PATENT TREASURE SAFES

are still stronger makes, the latter combining the security of three enormously strong safes. Doors 11½ in. thick; Sides 8½ in. thick.

#### CHUBB'S STRONG ROOMS.

These are built up in every form and size, from the smallest to the largest ever made—50 feet in length, which Chubbs completed last year for the National Bank of Scotland.

#### CHUBB'S VAULT DOORS AND GRILLES.

CHUBB'S FIRE RESISTING DOORS, selected for protection of over £2,000,000 worth of Works of Art at Manchester Exhibition.

#### CHUBB'S TOUGH STEEL BULLION CHESTS.

#### CHUBB'S CASH AND KEY BOXES.

CHUBB'S DETECTOR LOCKS, LATCHES, AND PADLOCKS. The most secure Locks made.

CHUBB'S NEW HOUSE LOCKS, of cheap but good make, have easy action, good finish, with great strength and durability. They are fitted throughout this year's Exhibitions at Manchester, Newcastle, and Saltaire.

298. **Collins, James**, Birmingham—Pulleys, bolts, handles, hinges, hooks.

299. **Cordes, J. J., & Co., Limited**, Newport, Monmouthshire—Nails of various classes and sizes.

300. **Douglas' Patent Lock Co.**, 15, Queenhithe, London—Patent springless mortices, rim locks, latches.

301. **Elwell, E.**, Wednesbury—Hammers, &c.

302. **Francis, Thomas, & Co.**, Birmingham, England—Manufacturers of malleable nails and castings, including bright nuggets and round hobs, heel plates, boot repairers, studs for bale ties (wool and cotton), range hinges, &c. Bung bushes for casks in malleable iron and gun metal; composition sheathing nails and spikes. H. B. Hardt, representative.

303. **Hadley, Felix**, late Hadley Brothers, Mitre Nail Work, Eyre-street, Birmingham—Manufacturers of "Mitre brand" cut nails, cut tacks, wire nails, wire tacks, wire clout, patent wrought steel nails, brass-head picture nails, &c. H. B. Hardt, representative.

304. **Lewis, Samuel, & Co.**, Dudley—Nails, rivets, chains, hinges, horse-shoes, &c. H. B. Hardt, representative.

305. **Reynolds, John, & Sons**, "Crown" Cut Nail Works, Newton Row, Birmingham, England.

REGISTERED



TRADE MARK.

Iron nails, steel nails, tacks, &c.

305. **Simpson, James, & Son**, Darluston-street, Stafford—Bolts and nuts for all purposes.

#### CLASS 295—Galvanized Iron Work.

307. **Wolverhampton Corrugated Iron Co.**, Shrubbery Iron Works, also Stour Valley Side Works, Wolverhampton, England.

# THE ANGLO-AMERICAN TIN STAMPING CO., LMTD.

HEAD OFFICES AND WORKS, STOURPORT, ENGLAND.

LONDON OFFICES: 23, HOLBORN VIADUCT, E.C.

LIVERPOOL OFFICES: 8, INDIA BUILDINGS.

BIRMINGHAM OFFICES: 144, GREAT CHARLES STREET.

MANUFACTURERS OF



Enamelled  
Wrought Iron  
Seamless Hollow-  
Ware,  
Tinned & Re-Tinned  
Hollow Ware,



JAPANNED,  
CRYSTALLIZED



BRASS AND  
COPPER WARE.

Highest Awards wherever Exhibited. Goods can be obtained from MESSRS. McLEAN BROS., RIGG, & Co., Hindley Street, Adelaide, or of all Merchants.

*Write for Catalogue.*

# Consett Iron Co., Limited,

COUNTY OF DURHAM, ENGLAND,

COAL OWNERS,

MAKERS OF

COKE, BESSEMER HEMATITE, and other PIG IRON,

## SIEMEN'S MARTIN STEEL PLATES,

FOR SHIPBUILDING AND ENGINEERING PURPOSES,

To the British Admiralty, Board of Trade, Lloyd's, and Bureau Veritas requirements; also

## IRON PLATES FOR SHIP-BUILDING.

BRIDGE-BUILDING, AND OTHER WORKS OF CONSTRUCTION.

WEEKLY OUTPUT OF STEEL PLATES, 1,600 TONS.

WEEKLY OUTPUT OF IRON PLATES, 600 TONS.

*For Specimens of Manufacture, see Case, Department 1, Section B, Class 114.*

OFFICES: CONSETT, DURHAM. LONDON—7, LAURENCE POUNTNEY HILL, E.C.

TELEGRAPH ADDRESSES: "STEEL," CONSETT; "DERWENT," LONDON.



TRADE MARK. EMU BEST.  
Manufacturers of "Emu" Brand Galvanised Plain and Corrugated Iron; also of Black Sheets and Steel Sheets, Cold Rolled and Close Annealed, for working-up purposes; Buckets, Tubs, Sheep Troughing, and all kinds of Galvanised Goods.

## CLASS 296—Wire Work.

308. **Cradock, George, & Co.**, Wakefield—Wire ropes, woven ropes, hawser, &c.
- 308A. **Fowler, Jno., & Co.**, Leeds—Wire rope for steam ploughing (Lang's patent).
309. **Johnson & Nephew, Richard**, Manchester—Trophy of wire, galvanised telegraph wire, barbed fencing.
310. **Kenon & Campbell**, Hamilton, Scotland—Wire rope pulleys, with spindles, blocks, &c.
311. **Nichols, Joseph, & Son**, Cheapside Wire Works, Birmingham, England. Established 1841. Wire workers, weavers, manufacturers of every description of wire goods. Prices and quotations on application.
312. **Rylands, Brothers, Limited**, Warrington, England. Established 1805. Fencing wire of all kinds, both iron and steel; galvanised netting of every width, mesh, and gauge; wire ropes for mines, collieries, and ships, &c.; wire for all manufacturing purposes, springs, &c. The oldest and largest wire factories in England.
313. **Shropshire Iron Co.**, Hadley, Salop—Wire, telegraph wire, wire rope, staples.
314. **Stephens, John & Son**, Ashfield, Falmouth, England. Manufacturers of Hemp and Wire Ropes of all descriptions—Iron and steel wire ropes for mines, tramways, ships, rigging, &c.; specially flexible galvanised steel wire rope for wool presses, flexible steel wire hawsers, galvanised fencing strand, engine packing, &c. See exhibit.
315. **Taylor, James, & Son**, Clackheaton—Wire staples for book stitching, cord clothing.

316. **Whitecross Wire and Iron Co.**, Warrington—Wire rope for ship's rigging, hauling ropes, hawsers, &c.

## CLASS 297—India-rubber Goods and Manufactures.

317. **Broadhurst & Co.**, Manchester—India-rubber goods.
318. **Brunton, Wm., & Co.**, Queen Victoria-street, London—Gutta-percha and all kinds of safety fuse.
319. **Hancock, James Lyne**, 265, Goswell-road, London—Diving dress and pipe, india-rubber hose, &c. H. B. Hardt, representative.
320. **Leyland Rubber Co.**, Basinghouse, London—India-rubber manufactures.
321. **Mandelberg, J., & Co.**, Manchester—Waterproof clothing, piece goods, ventilating waterproofs.
322. **Salford and Irwell Rubber Co.**, 110, Fenchurch-street, London—India-rubber goods.

## CLASS 298—Brushes.

323. **Goode, Thos.**, Birmingham—Toilet, painters, ship, and railway brushes.
324. **Grey, Aaron**, Birmingham—Brooms and brushes.
325. **Hinde Brothers**, City-road, London—Toilet brushes. H. B. Hardt, representative.
326. **Kent, G. R., & Son**, 11, Great Marlborough-street, London—Brushware.
327. **Muller, Mrs. Mary**, 30, St. George's-square, London—Electrical brushes, hair and flesh brushes.
328. **Rooney, R. A. & Sons**, 28, Bishopgate-street, London—Brooms, brushes, brushware.
- 328A. **Scollick, A. J., & Co.**, Victoria Chambers, Westminster, London—Painters' and decorators' brushes and general brushware.

## CLASS 299—Ropes, Cordage.

329. **Belfast Ropework Co.**, Belfast—Hemp and Manila rope for ships, &c.
330. **Gould, J.**, West Coker, near Yeovil, Somerset—Twines, lines, and cords. H. B. Hardt, representative.
331. **Hart, Arthur**, Crewkerne—Upholstery webs and twines, saddlery webs. H. B. Hardt, representative.
332. **Ironmonger, Thos., & Son**, Wolverhampton—Twines in all varieties, rope, engine-packing, &c.
333. **Moss, Rimington, & Co.**, Selby—Twines, shoe threads, &c.
334. **Pollok, Hutchinson, & Co.**, 113, Fenchurch-street, London—Ropes, cordage, &c.

## CLASS 300—Flags, Insignia, Emblems.

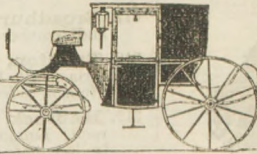
335. Lane & Neeve, 97, Leadenhall-street, London—Bunting and flags. H. B. Hardt, representative.

## 337. HENDERSON, JAMES, &amp; Co., Coach Builders, 60-64, North Street, Glasgow, Scotland. Established 1838.

High Honours and Royal Patronage, Universal Exhibition, Paris, 1878.

First Class Certificate, London, 1883.

Specially commended by T.R.H. the Prince and Princess of Wales, Edinburgh, 1886.



Carriages adapted for use both at home and abroad, manufactured under strict superintendence of managers of practical experience in London and Paris.

Most Extensive Stock of High Class Carriages always on view.

Patent Brougham forming open and close Carriage.

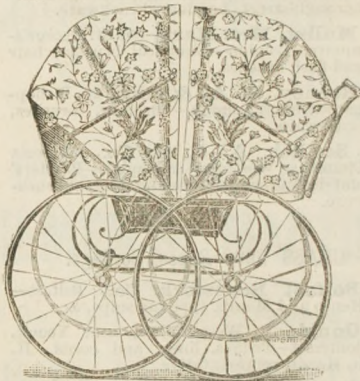
Terms and Drawings on Application. International Juror's Medal and Award, Edinburgh, 1886, "For good style and general excellence in coachbuilding."

## CLASS 303—Pleasure Carriages.

338. Hills, E., & Sons, Baker-street, Portman-square, London—Carriages.  
339. McNaught & Co., 10, Park Lane, Piccadilly, London—Pleasure carriages.  
340. Mulliner & Co., Limited, Northampton—Carriages.

## CLASS 304—Travelling Carriages, &amp;c.

341. Berry, Richard, & Son, Birmingham—Carriage, cart, hansom cab, omnibus, buggy, and car springs.  
342. Burn & Co., 25, Wigmore-street, London—Hansom cab.  
343. Dunkley, William H., Birmingham—Perambulators, tricycles, bath chairs, &c.



344. Thompson, Charles, 37, Newington-Butts, London—Perambulators.

## CLASS 306—Carriage and Horse Furniture, Harness and Saddlery, Whips, Spurs, Horse Blankets, Carriage Rugs, Robes, &amp;c.

345. Abercrombie & Davidson, Glasgow—Harness composition and dubbing.

336. Turtle & Pearce, 13, Duke-street, London Bridge, London—Flags to decorate the Exhibition.

346. Allport, Douglas, 7, St. Benet-place, London—Patent carriage sash fasteners, door buffers.

347. Andrew, John Henry, & Co., Sheffield—steel cart and carriage springs, hammers.

348. Bird, R., & Co., Crewkerne—Saddlery of all descriptions, horse girths, and rollers. H. B. Hardt, representative.

349. Chillington Tool Co., Wolverhampton—Hand-made horseshoes.

350. Clarke, T. & C., & Co., Wolverhampton—Enamelled cast-iron sanitary and stable goods.

351. Crosbee, Thomas, & Sons, Birmingham—Harness and coach furniture.

352. Davis & Wilson, Whip and Stick Manufacturers, 37, 37½, and 38, Sun-street, Birmingham. Exhibitors with honours at Vienna, Philadelphia, Paris, South Africa, Melbourne.

353. Lones, Vernon, & Holden, Sandwell Iron and Axle Works, Smethwick, Birmingham, England—Cart, carriage, and waggon dray axles, merchant bars in flats, rounds, squares, &c.

354. Oakes, Wm. John, Birmingham—Spurs, bits, stirrups.

355. Rigby, John, & Sons, Portway Works, Wednesbury, England. Manufacturers of Mail, Collings, and Buggy Axles, Australian Cart Arms, Drabble's Waggon Arms, Carriage and Cart Springs, Coach Bolts and Clips, and all kinds of Coach Iron-work.

TRADE MARK



ESTABLISHED 1842.

356. Shattock, Hunter, & Co., Bristol—Saddletrees, men's and ladies'.

357. United Horseshoe and Nail Co., Limited, 115, Cannon-street, London—Horseshoes and nails.

**BEST CROWN HAND-MADE  
HORSE SHOES  
CHILLINGTON TOOL Co.  
WOLVERHAMPTON.**

TRADE MARK



REGISTERED, No. 28950.

**FIRST AWARD,  
MELBOURNE EXHIBITION,  
1881.**

**SOLE PROPRIETORS OF THE BRAND:—  
"CHILLINGTON."**

358. **Zair, G. & J.**, Birmingham—Whips, G. & J. Zair's Whips, bearing the "Stag's head" brand, as a guarantee of quality, are well known throughout Australia and New Zealand for their superior style and excellent wearing qualities. They gained the

highest awards at both Sydney and Melbourne Exhibitions.

359A. **Dixon, E. J. J.**, New Deanfield Works, Bangor, Wales—School slates, "the Eureka patent," rivetted at corners through iron tenons.

*DEPARTMENT III.*

*Education and Science.*

**CLASS 351—Elementary Schools.**

359. **Bacon, G. W., & Co.**, 127 Strand, London—School maps, picturesque geography, &c. **J. M. Newing**, Exhibition Agent.
360. **Masse, J. F. P.**, School of Commerce, London—Mural charts, guide to French conversation.

C

**CLASS 352—Higher Education.**

361. **Curwen, J., & Sons**, 8, Warwick-lane, London—Music books, diagrams, and charts. **H. B. Hardt**, representative.
362. **Holm, John**, 48, Conduit-street, London—Model of Swedish gymnasium.

**CLASS 357—School and Textbooks,  
Dictionaries, &c.**

363. "Australian Times," 20, Fleet-street, London—Newspaper publications, photographs, &c.
364. **Brumby & Clark**, Hull—Chromo almanacs, pictures, splash screens.
365. **Chapman & Hall, Limited**, 11, Henrietta-street, Covent Garden—Science and art handbooks and other publications.
366. **Dittle, James, & Co.**, Nottingham—Fine art publications.
367. "Illustrated London News" Proprietors—Original drawings and specimens of colour printing.
368. **Intercolonial Publishing Co.**, Leadenhall Buildings, London—Publications and prints upon intercolonial trade.
369. **Johnston, A., & Co.**, 6, Paternoster Buildings, London—Educational and geographical publications.
370. **Roberts, T. H.**, 42, Essex-street, London—Electrotypes of illustrated papers, &c.
371. **Shoe and Leather Record**, 30, Finsbury Pavement, London—Publications.
372. **Simmond, P. L.**, 85, Fenchurch-road, London—Economic books.
373. **Sunday-school Union**, 56, Old Bailey, London—Books.
374. **Taylor Brothers**, Leeds—Pictorial presentation almanacs.
375. **Trubner & Co.**, 57, Ludgate-hill, London—Books.
376. **Virtue, J. S., & Co.**, 294, City-road, London—*Art Journal* etchings and engravings.

**CLASS 358—Instruments of Precision  
and Apparatus of Physical Research,  
Experiment, and Illustration.**

377. **Balet, William**, 52, Wool Exchange, London—Electric sounder for sea purposes, spark protector, &c.
378. **Preston, Edward, & Sons**, Birmingham—Boxwood and ivory rules, spirit levels, &c.
379. **North British Glass Works, John Moncrieff**, Perth—Steam boiler water-gauge glasses.

**CLASS 359—Indicating and Registering  
Apparatus other than Meteorological.**

380. **Cowan, W. & B.**, Edinburgh—Gas meters, Cowan's patent.
381. **Glover, George, & Co.**, Chelsea, London, England—Patent dry gas meters, gas-holder for testing gas meters. Highest awards International Exhibitions—London, 1862; Paris, 1867; Amsterdam, 1869; Vienna, 1873; Manchester, 1875; Sydney, 1879; Glasgow, 1880. Gold medals—Melbourne, 1880; New Zealand, 1882; London, 1884; London, 1885; Liverpool, 1886.

382. **Laidlaw, R., & Son**, 6, Little Brush lane, London—Wet and dry gas meters' gas appliances.

383. **Stott, James, & Co.**, Oldham—Patent gas governors, test meters, steam cocks, &c.

**CLASS 360—Weights, Measures, and  
Weighing Apparatus.**

384. **Avery, W. & T.**, Birmingham—Automatic weighing-machines, patent steel-yards.
- 384A. **Pooley, Henry, & Son**, Liverpool—Platform weighing machines, wagon and truck weighbridges, and self-printing machines.

**CLASS 361—Chronometric Apparatus.**

385. **British United Clock Co.**, Birmingham—Lever clocks in fancy nickel and gilt cases. H. B. Hardt, representative.

**CLASS 362—Optical and Thermotic  
Instruments and Apparatus.**

386. **Bossamaier, A., & Co.**, 102, Dalston-lane, London—Optical instruments, binocular microscope.
387. **Clarke, Archer**, St. John's Cottage, Wondsmith, London—Bromide of silver photographic plate.
388. **Luby Brothers**, 113, Regent-street, London—Optical goods.
389. **Watson, W., & Sons**, 113, High Holborn, London—Microscopes, magic lanterns, photo instruments.
390. **Woodbury Photo Printing Co.**, 157, Great Portland-street, London—Carbon pictures, enlargements, Woodbury prints.
391. **York & Son**, Notting-hill, London—Optical lantern slides. H. B. Hardt, representative.

**CLASS 363—Telegraphic Instruments  
and Methods.**

392. **Blenheim, W., & Co.**, Eghorn, Surrey—Electric telephone bells, billiard markers.
393. **Cluny Telephone Co.**, Telegraph-street, London—Mechanical telephones.
394. **Holmes, Joseph R., & Co.**, 18, Adam-street, Adelphi, London—Safety marine signal, self-igniting and self-floating.

**CLASS 364—Musical Instruments and  
Acoustic Apparatus.**

395. **Besson, F., & Co.**, 198, Euston-road, London—Musical instruments, brass and wood; drums, &c.
396. **Bishop, E., & Sons**, Chalk Farm, London—Pianos.

397. **Barockitzky, J. F.**, 58, Burton Crescent, London—Diagram showing international system of music.
398. **Collard & Collard**, 16, Grosvenor-street, Bond-street, London—Metal frame grand and cottage piano.
399. **Higham, Joseph**, Manchester—Musical instruments, brass and electroplated.
400. **Lachenal & Co.**, Little James-street, London—Concertinas, English duet and Anglo-German.
401. **Wilkinson & Sons**, Fenchurch-street, London—Carillon of patent melodeon, gongs.

CLASS 371—Physical Development and Condition. The Nursery and its Accessories, &c.

402. **Allen, Richard**, 28, Grove-road, St. Johnswood, London—Cricket and lawn tennis-ware, boxing gloves.
403. **Bryan, Frank**, 38, Charterhouse-square, London—Cricket, lawn tennis, and footballs.

404. **Clapshaw, Aquila, & Salmon**, 5, Cayton-street, City-road, London—Cricket bats, bails, stumps, leg-guards, &c.
405. **Cook, Walter H.**, 319, Victoria Park-road, London—The "Magic" patent cricket bat. H. B. Hardt, representative.
406. **Dark, F., & Son**, Lords' Cricket Ground, London—Cricket bats, balls, wickets, leg-guards, &c.
407. **Fortnam & Forester**, 30, Newington Causeway, London—Lawn tennis bats, balls, &c.
408. **Shaw & Shrewsbury**, Nottingham—Cricket bats, balls, leg-guards, &c.

CLASS 373—The Dwelling. Sanitary Conditions, Appliances, &c.

409. **Finch, B., & Co.**, 82, Belvedere-road, Lambeth, London—Sanitary engineering.
410. **Vallango Slate and Marble Quarries Company, Limited**, London—Slate urinal for public use, with twenty compartments.
411. **Windser, T.**, 52, Buckingham Palace-road, London—Sanitary appliances.

## DEPARTMENT IV.

### Art.

CLASS 400—Figures and Groups in Stone, &c.

412. **Udney, John**, London and Carrara—Marble statues.

CLASS 406—Paintings in Oil.

413. **Hardt, H. B.**, 12, Albert Mansions, Victoria-street, London—Painting by R. Gianetti.

CLASS 415—Photographs.

414. **Tagliaferro, A. G.**, 12, Hart-street, Bloomsbury, London—Photographs and pictures. H. B. Hardt, representative.

CLASS 418—Industrial Designs.

415. **Staynes, Henry**, 41, Ar-road, Clapton, London—Diagrams in technical carpentry and joinery.

CLASS 426—Inlaid Work in Wood and Metal.

416. **Gawthorp, T. J.**, 16, Long Acre, London—Portrait of Colonel Burnaby carved in brass. H. B. Hardt, representative.
417. **Patent Enamel Co.**, Birmingham—Enamelled sign plates.

CLASS 427—Stained, Embossed, and Engraved Glass.

418. **Art Trading Association**, 43, London Wall, London—Artistic painting on terra-cotta and opal glass.
419. **Holmes, Frederick, & Co.**, 2, Wheeler-street, Spitalfield, London—Art work on glass.

## DEPARTMENT V.

## Machinery.

## CLASS 501—Machines and Apparatus for Well and Shaft Boring.

419A. **Isler, C., & Co.**, London—Three partial sets of tube well-boring apparatus.

## CLASS 503—Machinery and Apparatus for Lifting.

419B. **Garrett, Richard, & Sons**, Leiston, Suffolk (by Francis H. Clark & Co.)—Hoisting engine.

419C. **Tangyes, Limited**, Cornwall Works, Birmingham (by Francis H. Clark & Co.)—Winding engine.

## CLASS 504—Machines, &amp;c., for Pumping, Draining, and Ventilating.

420. **Hett, Chas. L., Ancholine Foundry, Brigg**—Pumping engine in motion, centrifugal pump, &c.

421. **LeGrand & Sutcliffe**, 100, Bunhill-row, London—Abyssinian and artesian tube wells and pumps. H. B. Hardt, representative.

422. **Macbriar, Osborn, & Co.**, 2, Victoria Mansion, London—Well-boring apparatus, lathes, pumps, engines, &c.

423. **Merryweather & Sons**, Greenwich-road, London—"Valiant" pumping engine.

423A. **Shand, Mason, & Co.**, London—Pumping engine suitable for irrigation.

423B. **Smith Brothers, & Co.**, Hyson Green, Nottingham—Pumps.

423C. **Tangyes, Limited**, Cornwall Works, Birmingham (by Francis H. Clark & Co.)—Steam pumps and pumping engines.

## CLASS 508—Machines and Apparatus for Chemical Manufactures.

424. **Weiner & Pfeiderer**, 86, Upper Ground-street, London—Machinery for bakers, confectioners, chemists, &c.

## CLASS 509—Machinery, &amp;c., for Manufacture of Gas.

425. **Andrew, J. E. H., & Co.**, Stockport—Gas engines and gas machinery.

425A. **Haigh, W. B., & Co., Limited**, Oldham—Wood-working machinery—sawing, morticing, planing, moulding, and automatic tool grinding.

425. **Pintsch's Patent Lighting Co.**, 32, Clerkenwell-road, London—High-pressure oil gasworks, railway carriage lighted

## CLASS 510—Machines and Tools for Working Wood.

427. **Knowles & Co.**, 8, Cross-street, Finsbury Pavement, London—Wood-turning machinery.

428. **Lewis & Lewis**, Cambridge Heath-road, London—Sawing and wood-working machinery.

428A. **Lloyd & Davis**, London—One 16-inch hand ventilating fan in wrought iron frame.

429. **New, D., & Co.**, 15, Devonshire Chambers, London—Machine tools.

430. **Ransome, A., & Co.**, Chelsea, London—Wood-working machinery, saw-mills.

431. **Reynolds, F. W., & Co.**, Blackfriars-road, London—Morticing machine.

432. **Robinson, Thos., & Son**, Rochdale—Wood-working machinery.

432A. **Tangyes, Limited**, Cornwall Works, Birmingham (by Francis H. Clark & Co.)—Combination wood-working machine and sawing machine.

## CLASS 512—Rolling Mills, Moulding Machines.

433. **Percy, Nisbet, & Co.**, 1, Water-lane, London—Wing's disc fan or exhauster.

433A. **Tangyes, Limited**, Cornwall Works, Birmingham (by Francis H. Clark & Co.)—Blowing fans.

## CLASS 514—Steam and other Hammers, &amp;c.

434. **Britannia Co.**, Colchester—Engineers' lathes, drills, various tools.

435. **Brooks, John**, Lockworks, Lye—Anvils, vices.

435A. **Davis & Primrose**, Etna Works, Leith—Steam hammer.

435B. **Tangyes, Limited**, Cornwall Works, Birmingham (by Francis H. Clark & Co.)—Tangyes forging hammer, worked by gas.

# W. & J. GALLOWAY & SONS, MANCHESTER,

Have supplied MACHINERY TO EXHIBITIONS as follows:

BY SPECIAL REQUEST,

- VIENNA, 1873 .. .. 1 Twin Compound Engine, 14in. and 24in. Cylinders,  
2ft. 6in. stroke.  
2 Galloway Boilers, 24ft. x 7ft. for 80lbs. pressure.
- PHILADELPHIA, 1876 .. 3 Galloway Boilers, 28ft. x 7ft. for 80lbs. pressure.
- PARIS, 1878 .. .. 1 Twin Compound Engine, 20in. and 34in. Cylinders,  
3ft. stroke.  
3 Galloway Boilers, 28ft. x 7ft. for 80lbs. pressure.
- HEALTH, 1884 .. .. 1 Twin Compound Engine, 14in. and 24in. Cylinders,  
(LONDON.) 2ft. 6in. stroke.  
2 Steel Galloway Boilers, 26ft. x 6ft. 6in. for 80lbs.  
pressure.
- INVENTIONS, 1885 .. 1 Twin Compound Engine, 14in. and 24in. Cylinders,  
(LONDON.) 2ft. 6in. stroke.  
1 Superposed Compound Engine, 14in. and 24in.  
Cylinders, 3ft. stroke.  
3 Steel Galloway Boilers, 28ft. x 7ft. for 80lbs. pressure.  
4 Steel Galloway Boilers, 26ft. x 6ft. 6in. for 80lbs.  
pressure.
- COLONIAL, 1886 .. 4 Twin Compound Engines, 14in. and 24in. Cylinders,  
(LONDON.) 2ft. 6in. stroke.  
4 Steel Galloway Boilers, 26ft. x 6ft. 6in. for 80lbs.  
pressure.
- LIVERPOOL, 1886 .. 1 Superposed Compound Engine, 14in. and 24in.  
Cylinders, 3ft. stroke.  
3 Steel Galloway Boilers, 28ft. x 7ft. for 80lbs. pressure.
- MANCHESTER, 1887 .. 10 Steel Galloway Boilers, 30ft. x 8ft. for 100lbs.  
pressure.

In addition to minor Exhibitions at CRYSTAL PALACE, BRADFORD, HUDDERSFIELD, &c., &c.,

IN EVERY CASE RECEIVING THE HIGHEST AWARD.

They further provided the ELECTRIC LIGHTING complete for the GROUNDS at the COLONIAL, which the "ENGINEER" (London), of May 28th, 1886, describes as

"The most remarkable electric light installation in the world."

ALSO

THE ELECTRIC FAIRY COLOURED FOUNTAINS, at the COLONIAL, 1886, and MANCHESTER, 1887.

At the strict OFFICIAL test at PHILADELPHIA, the Galloway Boiler evaporated 11.72 lbs. of water per lb. of combustible, the best result among 13 boilers. The output of Messrs GALLOWAY is ONE BOILER per day, the number of the last being over 7,000.

50 Boilers of all sizes and strengths always on stock.

## W. & J. GALLOWAY & SONS, MANCHESTER.

**CLASS 515—Machines for Working Metal.**

436. **Butterfield, F. & J., Limited**, Keighley—Variety of self-acting slide surfacing and screw-cutting turning lathes.
- 436A. **Luke & Spencer, Limited**, Manchester—Engineers' tool grinding machines, single and universal.
- 436B. **Sykes, S.**, Birmingham—Drilling machine.
- 436C. **Tangyes, Limited**, Cornwall Works, Birmingham (by Francis H. Clark & Co.)—Drilling and shaping machines and lathes.

**CLASS 517—Machines for Making Bricks, &c.**

437. **Bradley & Craven**, Wakefield, England—Craven's patent No. 1 brick and sanitary pipe-making machinery, steam-power brick presses, &c.
- 437A. **Fawcett, Thos. C.**, Old Victoria Foundry, Leeds—Brickmaking machinery.
438. **Johnson, W.**, Castleton Foundry, Leeds—Patent brickmaking machine.
439. **Bradley & Craven**, Wakefield—Sanitary pipe machine.

**CLASS 533—Machines for Sewing and Knitting, &c.**

440. **Bartleet, Wm., & Sons**, Redditch—Sewing machines.
441. **Blaiberg & Marson**, Birmingham—Sewing machines, &c.
442. **Foster, James**, Preston, Lancashire—Hosiery knitting machine, &c.
443. **Harrison Patent Knitting Machine Co.**, Manchester—Machines for knitting socks and stockings, ribbed or plain.
444. **Judson, Daniel, & Sons**, 77, Southwark-street, London—Labelle sewing machine.
445. **Leeding, Mrs. Samuel**, 81, Gravel-lane, Southwark, London—Photographs of hatters' and furriers' machines.
446. **Simmons & Tullidge**, York-road, King's Cross, London—Carpet-beating machine. H. B. Hardt, representative.
447. **Patent Automatic Knitting Machine Co.**, 67, Southwark-street, London—Knitting machines and knitted goods. H. B. Hardt, representative.
448. **Reynolds, F. W., & Co.**, Blackfriars-road, London—Sewing machine.
449. **Robinson, Thos., & Son**, Rochdale—Sewing machine.
450. **Singer Manufacturing Co.**, 39, Foster-lane, London—Sewing machines. buttonhole machines, &c.
451. **Somderfield, Hugo**, 10, Long-lane, London—Flora sewing machines. H. B. Hardt, representative.

**CLASS 534—Machines for Preparing and Working Leather.**

452. **Mills, Robert Best**, Kittering—Machines for splitting and skiving leather.

**CLASS 540—Printing, Stamping, Embossing, and Lithographic Presses.**

453. **Baddely & Reynolds**, 20, Old Bailey, London—Die-striking, embossing presses, &c.
454. **Fairholme & Co.**, 99, Shoe-lane, Fleet-street, London—The Cyclostyle copying press, &c.
455. **Ladd, F. H., & Co.**, 116, Queen Victoria-street, London—Foot-lever copying presses.
457. **Morfit, Alfred**, Nottingham—Embossing platen printing machine, &c.
458. **Reaves, Thos.**, Southbrook-road, Lee, London—Machine blanketing, belting, printers' sundries.
459. **Zuccato & Wolf**, 15, Charterhouse-street, London—Typographic apparatus for printing.

**CLASS 550—Boilers and Vessels for Generating Steam.**

460. **Clare, Thos. D.**, Wandsworth, Birmingham—Disc engine for steam, water, and compressed air; disc registering meter for water and compressed air; disc blower for high pressure; blast and disc pump—Davies' and Clare's patent. William D. Clare, St. Mary's, Adelaide, agent.
- 460A. **Garrett, Richard, & Sons**, Leiston, Suffolk (by Francis H. Clark & Co.)—Steel vertical boilers and steel multitubular boilers.
461. **Green, Thos., & Son, Limited**, Leeds—Engine and boiler combined.
- 461A. **Tangyes, Limited**, Cornwall Works, Birmingham (by Francis H. Clark & Co.)—Vertical and other boilers.
462. **Wormald & Co.**, Adelaide, S.A., also Glasgow, Gateshead-on-Tyne, and Belfast, Indent Merchants, and Sole Agents for Engineering Specialties, Manufacturers of Improved Fibrous Non-Conducting Composition for Covering Boilers, Steam Pipes, &c.; used by Government, leading Engineers, and Manufacturers; also Papier-maché, Infusoria, and Asbestos Compositions, and Patent Metallic Covering for Colliery Piping and other exposed work.

**CLASS 552—Steam, Air, Gas, or other Machines, &c.**

463. **Crossley Brothers**, Manchester—Otto gas engine.
- 463A. **Crompton, R. E., & Co.**, Etna Works, Chelmsford—Dynamos for driving tramcars, motors, yachts, launches, &c., &c.

- 463B. **Fowler, Jno., & Co., Limited,** Leeds—Horizontal engines.
464. **Garrett, Richard & Sons,** Leiston, Suffolk (by Francis H. Clark & Co.)—Portable and semi-portable engines, simple and compound.
- 464A. **Hindle, Norton, & Co.,** Oldham—Douglas gas engine.
465. **Koiting Brothers,** 11, Pancras-lane, London—Economic working gas engine.
466. **New, D., & Co.,** 15, Devonshire Chambers, London—steam engines, vertical boilers.
467. **Priestman Brothers, Holderners' Poultry,** Hull—Horizontal petroleum engine, vertical engine.
- 467A. **Reid, William & Co.,** London and Newcastle (by Francis H. Clark & Co.)—Horizontal fixed steam engine, vertical engine and boiler.
468. **Robey & Co.,** Globe Works, Lincoln—Horizontal fixed engine, portable engine, &c.
- 468A. **Tangyes, Limited,** Cornwall Works, Birmingham (by Francis H. Clark & Co.)—Horizontal, vertical, and other steam engines, Clerk's patent gas engine.

#### CLASS 553—Apparatus for the Transmission of Power.

469. **Crompton, R., & Co.,** Chelmsford—Dynamo's, arc lamps, and general electrical appliances for lighting and power transmitting.
470. **Dawson, James, & Son,** Lincoln—Leather machine belting, hose, &c.
471. **Henderson, H., & Sons,** Dundee—Leather belting, hose, &c.
472. **Hingley, N., & Sons,** Netherton Iron and Steel Works, near Dudley, England. See advertisement, page 56.
473. **Lancashire Belting and Hose Co.,** Manchester—Patent machinery belting.
474. **Reddaway, J., & Co.,** Manchester—Camels' hair belting, Egyptian cotton belting, canvas hose.
475. **Shaw, John,** Sheffield—Copper, iron, and steel ropes, hawsers, reels, &c.
476. **Tibbetts, S., & Co.,** Tipton—Chains for cranes, mining, and other purposes.
477. **Tullis, John, & Son,** Glasgow—Patent orange tan leather belting, waterproof belting.
- 477A. **Tangyes, Limited,** Cornwall Works, Birmingham (by Francis H. Clark & Co.)—Tangyes anti-friction metal.

#### CLASS 555—Implements, &c., used in connection with Motors.

478. **Brotherton, John, Limited,** Manufacturer of Welded Iron Tubes and Fittings for gas, steam, and water, Hydraulic Tubes, Stocks, Taps, Dies, &c., for the Home and Foreign Markets, Imperial Tube Works, Wolverhampton. Agents, Geo. P. Harris, Scarfe, & Co. Amsterdam Exhibition, 1883—Silver Medal and First-class Certificate, Bronze Medal and Special Diploma. Calcutta Exhibition, 1883 and 1884—Silver Medal and First-class Certificate. Paris Exhibition, 1867.
479. **Lewis, Edwin, & Sons,** Wolverhampton, patent iron boiler tubes.
480. **Martineau & Smith,** Birmingham—Steam cocks, mountings, fire pumps, &c.
481. **Skidmore, H. P.,** Netherton, Dudley—Gas tube fittings, coils, &c.
482. **Smith Bros. & Co.,** Hyson Green, Nottingham—Brass steam and water fittings and general brassware.
483. **Turnbull, Alexander, & Co.,** Glasgow—Patent high-pressure and low-pressure safety valves, &c. H. B. Hardt, representative.

#### CLASS 556—Pumps, &c.

484. **Gibbs & Son,** Liverpool—Stationary and portable pumping engines.
- 484A. **Hayward, Tyler, & Co.,** London—Four universal steam pumps for hot and cold water.
- 484B. **Smith Bros. & Co.,** Hyson Green, Nottingham—Steam pumps, injectors, ejectors, hand pumps.
485. **Tangyes, Limited,** Cornwall Works, Birmingham (by Francis H. Clark & Co.)—Special centrifugal and other pumps.
486. **Wade, Joseph Armytage,** Hull—Rotary pump in action.

#### CLASS 559—Hydraulic Engines, &c.

487. **Appleby Bros., Limited,** E. Greenwich, London—Locomotive steam crane.
488. **Cowan, William,** Edinburgh—Water meters moved by water.
489. **Fowler, John, & Co.,** Leeds—Compound semi-portable winding engine, &c.
490. **Burton, Proctor, & Co.,** Lincoln—Portable, vertical, horizontal steam engines.
- 490A. **Tangyes, Limited,** Cornwall Works, Birmingham (by Francis H. Clark & Co.)—Hydraulic jacks, Cherry's patent hoist.

#### CLASS 560—Apparatus for Fire Extinction.

491. **Gibbs, John,** Glasgow—Fire extinguisher.

**Hingley, N., & Sons**, Netherton Iron and Steel Works, near Dudley, England.

Iron Works—Netherton, Old Hill and Hart's Hill; Blast Furnaces—Old Hill; Coal and Ironstone Mines—Netherton, Old Hill and Gawn; Chain, Cable, and Anchor Works—Netherton.

*REGISTERED BRANDS.*



This firm was established more than half a century since by the late Mr. N. Hingley, of Liverpool, and the present senior partner is Mr. B. Hingley, M.P. for Northern Division of Worcestershire, and Chairman of the Iron-Masters' Association.

The Iron Works have the largest output in Staffordshire, and the Cable and Anchor Manufactory is the largest in the world. Employment is given to about 3,000 hands in the various departments.

Manufacturers of High Class Bar Iron in all sizes, specially suitable for Smithing, Engineering, and Constructive Purposes. Cable, Rivet, Horse-shoe Iron, &c. Angle, Tee, and Channel Iron in all sections, either in Iron or Steel. Boiler Plates in Best Iron or Siemen's Steel.

The reputation of NETHERTON Iron has been fully maintained in the Colonies since first introduced there, and it may be obtained from all First-class Iron Merchants throughout Australia, New Zealand, and Tasmania.

In the CHAIN AND ANCHOR DEPARTMENTS the Firm use only iron of their own manufacture, and are Cable and Anchor Makers to the Peninsular and Oriental S.N., Anglo-Australian S.N., New Zealand Shipping, Cunard, White Star, Guion, French Transatlantic, National, Inman, Anchor (Henderson's), North German Lloyd, Royal Mail, Castle Mail Packets (D. Currie & Co.), Union Company to South Africa, George Smith & Sons (City Line), Pacific Steam Navigation, Lamport & Holt Ocean Steamship (Alfred Holt), Papayanni & Co., &c.

Special attention is called to "HINGLEY'S PATENT STOCKLESS SELF-CANTING ANCHOR," the advantages of which, compared with the ordinary make, are obvious.

Contractors to the BRITISH IMPERIAL, GERMAN, RUSSIAN, SPANISH, ITALIAN, GREEK, BRAZILIAN, ARGENTINE, and CHILIAN GOVERNMENTS.

First Awards and Gold Medals at Sydney and Melbourne, and Diploma of Honour at Indian and Colonial Exhibition.

LONDON: 76, King William Street, E.C. | LIVERPOOL: 10, Hargreave's Buildings, Chapel Street. | GLASGOW: 18, Renfield Street.

492. **Rumley, Geo.**, 8, Cross-street, Finsbury, London—Portable fire and garden engines.
493. **Merryweather & Sons**, Greenwich-road, London—Double cylinder steam fire engine, best pattern.
494. **Shand, Mason, & Co.**, London—Improved vertical steam fire engine, manual fire engine, currie, platform, corridor, and chemical fire engines, hand pumps.
- 494A. **Shand, Mason, & Co.**, London—"Southwark" canvas hose, hand-woven, rubber-lined hose.
- 494B. **Smith Brothers & Co.**, Hyson Green, Nottingham—Brass hose couplings, nozzles, &c., for fire extinction purposes.

**CLASS 561—Beer Engines, Aerated Water Machines, &c.**

495. **Barnett & Foster**, Niagara Works, Eagle Wharf, London—Sodawater machinery, beer-bottling machines.
496. **Bratby & Hinchliffe**, Ancoats, Manchester—Sodawater machinery, bottles, packing cases, essences, essential oils, and other accessories used by the aerated water trade. Special citrochloric acid, a new substitute for citric and tartaric acids at one-half the price. New bottle-wiring machine, the first that has been successfully introduced, and a bottle-washing machine upon an entirely new principle.
497. **Hayward, Tyler, & Co.**, 84, Upper Whitecross-street, London—Machinery for the manufacture of aerated waters.
498. **Saddington & Co.**, 30, Lime-street, London—Aerated water apparatus.
499. **Mason, Samuel**, Birmingham—Prize medal beer engine, Jubilee beer engine. H. B. Hardt, representative.
500. **Yates, James**, Birmingham—Beer engines, pewter cups, and plumbers' brass link.

**CLASS 562—Stop Valves, Cocks, &c.**

- 500A. **Tangyes, Limited**, Cornwall Works, Birmingham (by Francis H. Clark & Co.)—Peet's valves and other steam valves.

**CLASS 565—Locomotives, &c.**

501. **Hawthorn, Leslie, & Co.**, Newcastle-on-Tyne—Locomotive and steam crane.

**CLASS 567—Brakes, Buffers, Couplings.**

502. **Westinghouse Brake Co.**, King's Cross, London—Railway brake and safety appliances.

**CLASS 568—Wheels, Tires, Axles, &c.**

503. **Gilpin, W., & Son**, Churchbridge, Connock—Axles, tools, &c.
504. **Hughes, George**, Wolverhampton—Wrought-iron or steel work for railway and general purposes.

**CLASS 569—Permanent Ways, &c.**

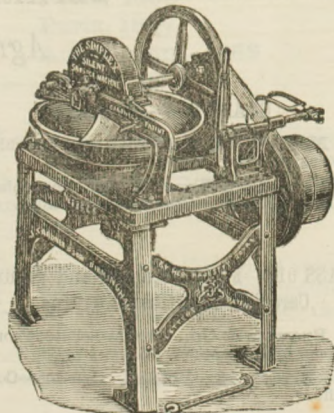
505. **Hematite Steel Co.**, Barrow-in-Furness, Lancashire—Steel rails, fish plates, angles, bars, hoops, &c. H. B. Hardt, representative.
- 505A. **Fowler, Jno., & Co., Limited**, Leeds—Steel portable railways and waggons.

**CLASS 570—Station Arrangements, Signals, Interlocking Gear, &c.**

506. **McKenzie & Holland**, Worcester—Apparatus for working and interlocking railway points.
507. **Pooley, Henry, & Son**, Albion Foundry, Liverpool—Examples of Pooley's patent weighing machines for use on railways, roads, &c., and in markets and warehouses. Self-contained rail weighbridge designed for the Australian narrow-gauge lines, fitted with patent steelyard and railway apparatus. Self-contained road weighbridge for carts and road waggons, fitted with relieving gear. Station platform machine for weighing baggage. Dormant warehouse machine without loose weights. Platform scale fitted with Pooley's instantaneous weight printer for permanently recording the weights indicated. Crane and other weighing machines for engineering works. Personal weighing machine for use in physicians' consulting rooms. Represented by McBrair, Osborn, and Co.
508. **Saxby & Farmer**, Kilburn, London—Railway signals and safety appliances.

**CLASS 580—Machines for Preparing Agricultural Products.**

509. **Berry, H.**, 85, Gracechurch-street, London—Butchers' machines.
510. **Gardner, John, & Son**, 11, Bradford-street, Birmingham, Engineers' and Pork Butchers' Machinery Manufacturers—Patent simplex silent sausage machine.



511. **Williams, Thomas**, 8, West Smithfield, London—Sausage machinery.

511A. **Crompton, R. E. & Co.**, Etna Works, Chelmsford—General electrical machinery.

**CLASS 588—Models or Drawings of Boats, Marine Apparatus, &c.**

512. **Siebe, Gormon, & Co.**, 187, Westminster Bridge-road, London—Submarine apparatus, electric lights. H. B. Hardt, representative.

513. **Turk, Richard J.**, Kingston-on-Thames—Rowing skiff, canoe.

**CLASS 589—Models of Drawings of Steamships, &c.**

514. **Braidwood, Dr. P. M.**, Birkenhead, London—Designs of hospital ships.

515. **Orient Steam Navigation Co., Limited**,  
13, Fenchurch Avenue,  
London, E.C.

**EXHIBITS.**

**Full Model of s.s. "Ormuz."**

Built by the Fairfield Shipbuilding and Engineering Co., Limited (late John Elder & Co), Govan, Glasgow, 1885.

Gross tonnage, 6,116.

H.P. effective, 8,500.

Length, 465 feet.

Breadth, 52 feet.

Depth, 37 feet.

**Half Model of s.s. "Austral."**

Built by Messrs. John Elder & Co., Govan, Glasgow, 1882.

Gross tonnage, 5,588.

H.P. effective, 7,000.

Length, 456 feet.

Breadth, 48 feet 5 in.

Depth, 37 feet.

**Half Model of s.s. "Orient."**

Built by Messrs. John Elder & Co., Govan, Glasgow, 1879.

Gross tonnage, 5,385.

H.P. effective, 6,000.

Length, 445 feet 6 in.

Breadth, 46 feet 3 in.

Depth, 35 feet 1 in.

**Framed Profile Plan of s.s. "Austral,"** showing interior arrangements of the steamer.

516. **Peninsular and Oriental s.s. Co.**, London—Models of new mail steamer.

517. **Pacific Steam Navigation Co.**, Liverpool—Models of steamships Orizaba, Santiago, Pacific, &c.

518. **West Australian Steam Navigation Co.**, London—Models of steamship Australind.

518A. **Hayward, Tyler, & Co.**, Whitecross-street, London—Collection of steam pump working models.

**CLASS 590—Models or Drawings of Vessels for Carrying Telegraphic Cables, &c.**

519. **Thomas, E. C. Greenway**, 15, Charing Cross, London—Picture and model Greenway floating breakwater.

**CLASS 591—Marine Engines, Dredging Machinery, &c.**

520. **Bond, John, & Son**, Blackwall, London—Blocks, steering wheel, handspikes, oars, &c.

521. **Gwynn, A. E. W.**, 9, Ducksfoot-lane, London—Photos of patent steam dredgers, excavators, &c.

522. **Shanks, Alex., & Sons**, Arbroath—Marine engines, high-pressure engines, &c.

**DEPARTMENT VI.**

*Agriculture.*

**CLASS 608—Wheat.**

523. **Mold, W. H.**, Ashford, Kent—Ennobled corn, ennobled wheat.

524. **Urquhart, Thos. & Co.**, Leadenhall House, London—Worcestershire sauce.

**CLASS 619—Flour—crushed and ground Cereals; decorticated Grains.**

525. **Browns & Co.**, Glasgow—Patent corn-flour and semolina.

525A. **Brown & Polson**, London—Corn flour.

**CLASS 620—Preserved Vegetables and Fruits, Vegetable Extracts.**

525B. **King, Fredk., & Co.**, London—Edwards' desiccated soup.

**CLASS 623—Bread, Biscuits, Cakes, Confectionery, &c.**

526. **Baker, Joseph, & Sons**, 58, City-road, London—Bread, biscuits, confectionery.

527. **Branson, W. P., & Co.**, Clapham, London—Branson's coffee extract, &c. H. B. Hardt, representative.

BY APPOINTMENT

MANUFACTURERS

TO

HER MAJESTY THE QUEEN.



HIS MAJESTY

THE KING OF THE BELGIANS,

ETC.

# The "Grand Prize,"

(Special Gold Medal and Diploma of Honour,)

The Highest Distinction the Exhibition could confer, and the ONLY "GRAND PRIZE" given to the Biscuit Trade, was awarded to

## HUNTLEY & PALMERS,

BISCUIT MANUFACTURERS,

READING AND LONDON,

The following being the terms of the Awards:—

"Maison hors ligne, connue du monde entier pour son immense production et pour l'excellente qualité de ses produits.

"Unrivalled house, known throughout the world for its enormous production, and for the excellent quality of its manufactures."

The Highest Awards given for Biscuits to any English House were made to HUNTLEY & PALMERS, at the following Exhibitions, "for Excellence of Quality":—

London, 1851

London, 1862

Havre, 1868

Lima, 1872

Vienna, 1873

Paris, 1855

Paris, 1867

Amsterdam, 1869

Lyons, 1876

Santiago, 1875

International Health Exhibition, London, 1884, Gold Medal;

ALSO THE

**DIPLOMA OF HONOUR** (twice conferred) and the **GOLD MEDAL** of the "National Academy of Agriculture, Manufactures, and Commerce," Paris.

These Biscuits are made of the finest materials, and from their great variety of shape and flavour, acknowledged superiority of make, and fine keeping qualities, they have obtained a very extensive and increasing sale in England, on the Continent, and in the various markets throughout the World.

They are packed in patent air-tight soldered Tins, to open without cutting the Tin, containing 1-lb. and upwards, also in Casks and Boxes, to meet the convenience of the Trade and Shippers.

# PEEK, FREAN, & CO.'S PATENT Air-Tight Soldered Tin.

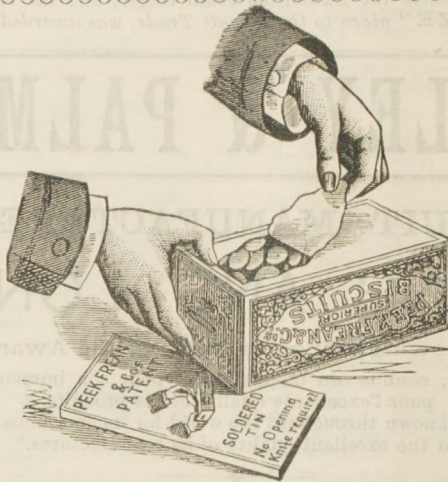
NO OPENING KNIFE REQUIRED.

NOT INJURED IN OPENING.

International  
Health  
Exhibition,  
1884.

International  
Health  
Exhibition,  
1884.

Gold  
Medal  
FOR  
BISCUITS  
AND  
CAKES.



Silver  
Medal  
FOR  
THIS METHOD  
OF  
PRESERVING  
BISCUITS.

The ONLY Biscuit Manufacturers to whom Two Medals were awarded.

### DIRECTIONS FOR OPENING.

Remove the outer loose lid, when the soft metal forming the inner covering can be broken by pressure of the thumb or finger and torn off. The lid can then be replaced for preserving any biscuits which may be left in the tin.

## PEEK, FREAN, & COMPANY,

*Biscuit Manufacturers,*  
**LONDON.**

City Office and Sale Room—St. Bene't Chambers, Corner of Fenchurch Street and Gracechurch Street, E.C.

Liverpool Office, "Baliol Chambers," 15, Stanley Street.

Manchester Office, 47, Hanging Ditch.

Birmingham Office, 5, Carr's Lane.

By Appointment to

H.R.H. THE PRINCE OF WALES,

THE COURT OF BELGIUM,

AND THE KING OF ITALY.

**ELEVEN PRIZE MEDALS**

528. Collier, James, & Sons, Spitalfields, London—Cocoa, chocolate, jellies, &c. (See advertisement page.)

529. FRY (J. S.) & SONS, Bristol and London—

Chocolate for Eating and for the Table.

Pure Concentrated Cocoa in Tins.

Cocoa Extract in Tins.

Caracas Cocoa in Tins.

Homœopathic Cocoa in Tins.

Chocolate Confectionery.

33 PRIZE MEDALS AWARDED TO THE FIRM.

530. Linton, Hubbard, & Co., Red Lion-square, London—Dessicated cocoanut in various forms. Saddington & Co., sole export agents, 30, Lime-street, London. H. B. Hardt, representative.

531. Murray & Co., 67, Turnmill-street, London—Caramels, confections of sugar and cream. H. B. Hardt, representative.

532. Pantin, Wm. Charles, 147, Upper Thames-street, London—Spices, macaroni, &c. H. B. Hardt, representative.

533. Moss, Remington, & Co., Selby—Mustard.

534. Symington, Thos., & Co., Edinburgh—Coffee essence, chicory essence, dandelion coffee. H. B. Hardt, representative.

535. Sparagnapane, G. & Co., Wholesale and Export Ornamental Confectioners, 49 and 50, Milton-street, City, London, E.C. The oldest established English firm for wedding cake ornaments, cosagues, Christmas and other novelties. Special terms for shippers. H. B. Hardt, representative.

536. Spratt's Patent, Limited, London—Ships' biscuit, dog, poultry, and game foods, &c. H. B. Hardt, representative.

537. Sproll, James, & Co., Musselburgh—Confections and biscuits.

538. Woodward, M., & Sons, Liverpool—Caramels and chewing gums. H. B. Hardt, representative.

CLASS 625—Wine, the produce of the Grape.

539. Cosens, F. W., & Co., 16, Water-lane, River-street, London—Sherries of various grades. H. B. Hardt, representative.

540. Fells, J. E., Henry-street, Tooley-street, London—Wines and spirits.

CLASS 626—Ale, Porter, &c.

541. Aitken, James, & Co., Falkirk—Pale ale in quart bottles.

542. Austro-Bavarian Lager Beer Co., Tottenham, London—Lager beer.

542A. Cooper & McLeod, Castle Brewery, Edinburgh—Bulk ales and bottled ales.

543. Smith, John, Tadcaster, Yorkshire—India pale, strong and export ales and stout.

CLASS 627—Cider, Perry, &c.

544. Crosse, Henry, 3, Catharine-street, Seething-lane, London—Limejuice, lime-juice cordial, lime sauce.

545. Evans, Sons, & Co., 56, Hanover-street, Liverpool (EVANS, LESCHER, and WEBB, 60, Bartholomew-close, London).—Lime-Fruit Juice and Preparations.

TRADE MARK.

"MONTSERRAT."

The preparations included in this collection are manufactured from Lime-Fruit Juice imported from Montserrat a small island of the Antilles group celebrated for its lime orchards. The plantations of the Montserrat Company cover more than 600 acres, and contain 12,000 trees. The introduction into England of the Exhibitors' Lime Juice has met with marvellous success, the importation reaching the enormous quantity of 80,000 gallons per annum.

The Lime Juice is bottled and prepared as follows:—

THE "MONTSERRAT" LIME - FRUIT JUICE, in Imperial quarts and pints. This is the pure Lime-Fruit Juice as imported, but clarified by subsidence, and entirely free from alcohol.

LIMETTA, or PURE LIME-FRUIT JUICE CORDIAL, made from the Lime-Fruit Juice, and is a delicious summer beverage.

AROMATIC "MONTSERRAT," "MONTSERRAT" CLOVE CORDIAL, "MONTSERRAT" JARGONELLE CORDIAL, "MONTSERRAT" PEPPERMINT CORDIAL, "MONTSERRAT" PINEAPPLE CORDIAL, "MONTSERRAT" QUININE CORDIAL, "MONTSERRAT" RASPBERRY CORDIAL, "MONTSERRAT" SASSAPARILLA CORDIAL, in bottles six to the gallon, being prepared as indicated to form most agreeable and refreshing Beverages, either diluted with water or alone, and especially with Aerated Waters. These Cordials are entirely free from alcohol.

ALSO,

"Montserrat" Lime Fruit Juice Tablets.

"Montserrat" Lime Fruit Juice Jujubes.

Messrs. Evans, Sons, & Co., the Exhibitors, in conjunction with Messrs. Evans, Lescher, & Webb, London, and Messrs. Evans, Sons, & Mason, Limited, Montreal (Canada), are sole consignees.

Any of the above Cordials, &c., can be had (or tasted free of charge) at our stall.

546. Grimble & Co., Cumberland Market, London—Vinegar.

## CLASS 628—Alcohols.

547. **Allison, G. L.**, 59, Haymarket, London—Bonnie Dundee whisky. H. B. Hardt, representative.
548. **Booth & Co.**, 28, Mincing-lane, London—Old Tom gin.
- 548A. **The Bushmills Old Distillery Co.**, County Antrim, Ireland—Very finest old Irish whisky.
549. **Coverdale, Pohlmann, & Co.**, 5, Mark-lane, London—Irish whisky, rum, champagne.
550. **Dunville & Co., Limited**, Royal Irish Distilleries, Belfast—Irish whisky.

This whisky has special attention devoted to it in regard to the maturing. For this purpose extraordinary facilities are possessed by the exhibitors in their enormous bonding warehouses. Here the whisky is allowed to remain for many years in sherry casks, a rich colour and flavour being thus imparted to it, uniform age secured, and the mellowness for which it has so long been known produced.

TRADE MARK.



The use of the celebrated "Springs of Glenna" for distilling purposes is exclusively enjoyed by the exhibitors, and to this, in a great measure, is attributed the fine quality and flavour of their Whisky.

The exhibitors' Old Irish Whisky is recommended by the medical profession in preference to French brandy.

The largest stock of Whisky in the world is held by Messrs. Dunville & Co., Limited, by whom it is shipped in butts, hogsheads, and quarter-casks, and in cases of one dozen bottles, to all parts of the world.

The firm of Dunville & Co. was established in 1808.

The following awards have from time to time been made in respect of this Whisky:—International Exhibition, 1862, Prize Medal; Vienna Exhibition, 1873, Medal of Merit; Paris Exhibitions, 1867 and 1878, Gold Medals; Melbourne, 1880, Highest Award; Adelaide, 1881, Highest Award.

551. **Gibb, J., Smith, & Co.**, Glasgow—Scotch whiskies—Royal Argyle, Blamire, &c.
552. **Gordon & Co.**, 132, Goswell-road, London—Gin, brandy, whisky, orange bitters.
553. **Jameson, W., & Co.**, Dublin—Whisky in bottles.
554. **Johnstone, Sadler, & Co.**, 14, Water-lane, London—Scotch whisky.
555. **McCarthy, J., & Sons**, Cork, Ireland—Irish whisky. H. B. Hardt, representative.

556. **G. R. Scott & Co.**, 24 Mark-lane, London, E.C.—Finest Old Highland whisky (Shield Brand).

REGISTERED



TRADE MARK.

Geo. R. Scott & Co's. choice blend of the very finest Scotch whiskies, which are bonded by them and kept to mature, thus always maintaining uniform age and quality.

Shipped in hogsheads quarter casks, and one dozen cases.

For prices and further particulars apply to H. J. Scott, Esq., Adelaide.

557. **Silva & Cobens**, 14, Water-lane, London—Port wines. H. B. Hardt, representative.
558. **Slater, Rodgers, & Co.**, Glasgow—Whisky.
559. **Stewart, John**, Edinburgh—Cased whiskies.
560. **Turner, J. G., & Co.**, Leadenhall House, London—Jamaica rum, golden fleece brand.
561. **Urquhart, H.**, 18, Water-lane, Tower-street, London—Whisky, brandy. H. B. Hardt, representative.
562. **Usher, Andrew, & Co.**, Edinburgh—Old-vatted Glenlivet whisky.
563. **Walker, John, & Sons**, Kilmarnock, Scotland—Scotch whisky.

## CLASS 629—Liqueurs, Cordials, Bitters, Aerated Waters, &amp;c.

564. **Christie, G. W., & Co.**, 25, Milton-street, London—Amer Picon bitter, whisky.
565. **Denniford, T., & Son**, Plymouth—Mineral waters. H. B. Hardt, representative.
566. **Gulliver, Saml., & Co**, Vale of Aylesbury—Mineral and aerated waters, cordials, &c.
567. **Laws, T. B.**, 150, Burdett-road, London—Mineral and aerated waters. H. B. Hardt, representative.
568. **Smith, B. A.**, 5, Great St. Helen's, London—Cordials, oilmen's stores, extracts, &c. H. B. Hardt, representative.

## CLASS 631—Dairy Produce.

569. **Ellis, Kisingbury, & Co.**, 14, St. Mary Axe, London—Condensed milk.

## CLASS 634—Skins, Hides, &amp;c.

570. **Hinde Brothers**, London—Antique embossed leather.

## CLASS 639—Shells, Coral, Pearls, &amp;c.

571. **Creswell, R., & Co.**, 32, Red Lion-square, London—Sponges.

**CLASS 660—Wild Animals, stuffed or otherwise preserved.**

572. **Bellamy, George**, Wednesfield—Trophy of game and wild animals.
573. **Gerrard, Edward**, 31, College-place, Comden Town, London—Skeletons and stuffed animals, birds, and fish. H. B. Hardt, representative.

**CLASS 649—Hair Bristles.**

574. **Laycock, Saml., & Sons**, Sheffield—Hair seating and curled hair.

**CLASS 667—Tillage Machinery, &c.**

575. **Coleman & Morton**, London-road Works, Chelmsford—Cultivators, corn-screens, manure casks, harrows, &c.
576. **Hardy Patent Pick Co.**, Sheffield—Picks, shovels, spades, forks, boring machinery.
577. **Hunt, R., & Co.**, Earl's Colne, Essex—Agricultural machinery.
578. **Lyndon, Walter Adams**, Birmingham—Spades, shovels, and edge tools.
579. **Parkes, A. & F., & Co.**, Birmingham—Spades, forks, and picks.
580. **Ransomes, Sims, & Co.**, Ipswich—Agricultural machinery.
581. **Sidaway, Joseph**, Furnace Forge, Worcester—Spades, shovels, tools, and lathes. H. B. Hardt, representative.

**CLASS 669—Harvest Machinery, &c.—Manual Implements, Animal Power Machinery, &c.**

582. **Bentall, E. H., & Co.**, Haybridge, Essex—Chaffcutters, cornercrushers, horse gear.
583. **Fallows, Bate, & Co.**, 9, Fenchurch-avenue, London—Machinery, lawn mowers, &c.
584. **Hornsby, R., & Sons, Limited**, Agricultural and General Engineers, Spittle Gate Works, Grantham, England. (See advertisement, page 64.)
585. **Richmond & Chandler**, Manchester—Chaffcutting machines, corn mills, root pulpers, &c.
586. **Samuelson & Co.**, Banbury—Reaping and mowing machines.
587. **Staniforth, Thomas, & Son**, Sheffield—Scythes, hooks, sickles, hay knives, &c.
588. **Wilder, John**, Yield Hall Foundry, Reading—Chaffcutters, horse gear, &c.

**CLASS 670—Threshers, Winnowers, Horsepowers, &c.**

589. **Burgon & Ball**, Sheffield—Sheep-shears, steel, &c.

590. **Burys & Co., Limited**, Sheffield—Sheepshears, chaffknives, scythes, &c.

591. **Garrett, Richd., & Sons**, Leiston Works, Leiston, Suffolk (by Francis H. Clark & Co.)—Clark's improved peg drum threshing machines.

592. **Sorby, J., & Sons**, Sheffield—Sheepshears, tools, &c.

593. **Sorby, Robert, & Son**, Sheffield—Edge tools, agricultural tools, sheepshears, &c.

594. **Ward & Payne**, Sheffield—Sheepshears, edge tools, spades, shovels, picks, &c.

595. **Wilkinson, Wm., & Sons**, Sheffield—Sheep and garden shears.

**CLASS 671—Machinery Applicable to Farm Economy.**

596. **Barford & Perkins**, Peterborough—Corn mills, garden rollers, steam plough.

597. **Boby, Robert**, Bury St. Edmunds, Suffolk—Corn-dressing machines.

- 597A. **Fowler, Jno., & Co., Limited**, Leeds—Road locomotive crane engine.

598. **Gibbons, Henry**, Hungerfield—Lawn mower, moulding machine. H. B. Hardt, representative.

599. **Hindley, E. S.**, 11, Queen Victoria-street, London, E.C.; Works, Bourton, Dorset, England. Agents for South Australia, Messrs. W. & T. Rhodes—Steam engines, vertical and horizontal, portable, fixed, made in all sizes—half-horsepower and upwards.

600. **Smith, Thomas & William**, Newcastle-on-Tyne, England (Representative—Benj. K. Morton, Esq., Box 37, G. P. O., Melbourne)—Johnson's patent ensilage press, with stack; working model of ditto; Johnson's patent baling press for wool, &c.; patent ensilage thermometer on six-foot rod; patent knife for cutting ensilage; model of Johnson's patent elevator for stacking ensilage; patent pruning knife and walkingstick combined.

601. **Ladd, J. H., & Co.**, 116, Queen Victoria-street—Perpetual press for hay, straw, or fibre.

602. **Marshall, Sons, & Co., Limited**, Gainsborough, England—Manufacturers of portable steam engines, traction engines, semi-fixed compound steam engines, vertical steam engines, corn-grinding mills, circular saw benches, and thrashing machines.

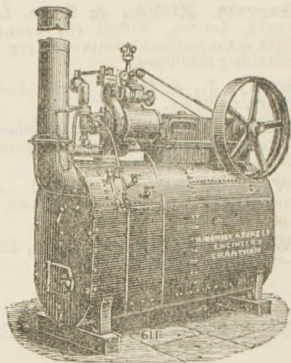
603. **Simon, Henry**, Manchester—Improved flour-mill machinery.

604. **Spencer, W. H., & Co.**, Hitchin—Wine-presses.

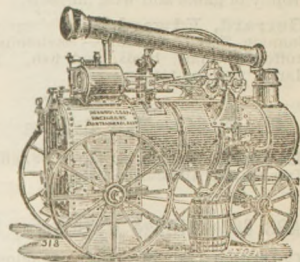
- 604A. **Tangyes, Limited**, Cornwall Works, Birmingham (by Francis H. Clark & Co.)—Straw engines, various types.

605. **Turner, E. R. & F.**, Ipswich—Portable steam engine, corn crushers, &c.

Hornsby, R., & Sons, Limited, Agricultural and General Engineers, Spittle Gate, Works Grantham, England, exhibit the following eight articles:—

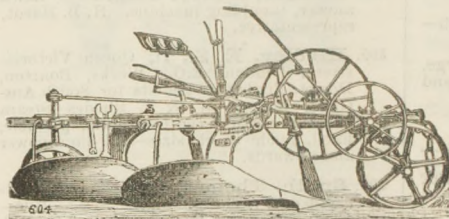


NEW Colonial Steam Engine of 4-h.p., with 6-horse Boiler fitted with wheels, if desired; specially constructed for Colonial requirements.



NEW Portable Steam Engine, Class F, of 8-h.p., enlarged firebox for burning wood, &c., and special improvements for Colonial requirements.

NEW Portable Steam Engine of 10 h.p., fitted with enlarged firebox and special improvements for Colonial requirement, giving surprising results in economy of fuel.

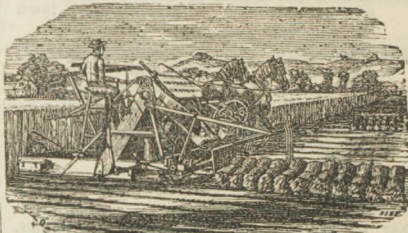


NEW Double Furrow Gang or Riding Plough, R.D.G. fitted with Steel Breasts, Patent Lift, Patent Steerage, and specially constructed for Colonial requirements.

NEW Double Furrow Plough, R.D.P. fitted with Steel Breast. Improved Patent Steerage, specially constructed for Colonial requirements.



NEW Enclosed Gear Mower, 4ft. 6in. Cut, with Special Improvements for Colonial requirements.



NEW Steel Sheaf Binding Harvester, No. 2A, 5ft. 6in. Cut, 5ft. Elevating Canvas with transport arrangement, Sheaf Carrier, and all latest improvements for Colonial requirements.

New Light "Zephyr" Self-Raking Reaper with 4 arms, 5 feet cut.

CLASS 661—Insects, Useful—Honey  
Bees, &c.

606. **Dickens, Charles**, Clifton Villa, Isleworth—Italian and black honey bees at work.
607. **Dickens, S. J. O.**, Hadley, Barnet—Beehives, bee furniture.
608. **Rosenbaum, A.**, 1, Bloomsbury-square, London—Modern bee appliances.

## CLASS 672a—Casks, Vats, Barrels, &amp;c.

609. **Chippendale & Co.**, Coopers, Vat Makers, and Stave Mercenants, 130, Bunhill Row, London—Beer and wine vats and casks. (See advertisement page.)

CLASS 673—Laying Out and Improving  
Farms.

610. **Bain, William, & Co.**, Edinburgh—Models of fences for fields and railways.

## CLASS 674—Manures.

611. **Anglo-Continental Guano Works**, 15, Leadenhall-street, London—Manures.
612. **Miller & Johnson**, 30, Mark-lane, London—Chemical manures.

## DEPARTMENT VII.

*Horticulture and Floriculture.*

## CLASS 711—Bouquet Materials, &amp;c.

613. **Sutton & Sons**, THE QUEEN'S SEEDSMEN, ROYAL BERKSHIRE SEED ESTABLISHMENT, Reading, England—Collections of natural grasses and seeds, models and seeds of vegetables, roots, &c., specimen boxes of seeds as packed and exported by Messrs. Sutton to all parts of the world.

## CLASS 715—Horticultural Buildings.

614. **Radcliffe, Dick, & Co.**, 128, High Holborn, London—Model of Conservatory.

## CLASS 719—Ornamental Wirework.

615. **Yates, John, & Co.**, Birmingham—Garden seats, &c.

*Unenumerated.*

616. **Hardt, H. B.**, 12, Albert Mansion, Victoria-street, London—New invention, trophy, plans, pictures, model fancy works.
617. **Harrold Brothers**, 29, Great St. Helens, London—Sundry exhibits.

## FINE ARTS DEPARTMENT.

—:O:—

PRESIDENT OF THE ROYAL COMMISSION :

H.R.H. The Duke of Cambridge, K.G., G.C.M.G., &c., &c.

SECRETARY :

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FINE ART SUPERINTENDENT :

Charles W. Deschamps, Esq.

—:O:—

REFERENCES.—R.A., Member of the Royal Academy of Arts; A.R.A., Associate of the Royal Academy of Arts; R.S.A., Royal Scottish Academician; A.R.S.A., Associate of the Royal Scottish Academy; R.H.A., Royal Hibernian Academician; R.W.S., Member of the Royal Society of Painters in Water-colours; A.R.W.S., Associate of the Royal Society of Painters in Water-colours; R.I., Member of the Royal Institute of Painters in Water-colours.

—O—

## SCULPTURE.

**Bœhm, J. E., R.A.**, The Avenue, 76,  
Fulham-road, London—

1. Her Majesty the Queen.

**Brock, T., A.R.A.**, 30, Osnaburgh,  
street, London—

2. Sir Frederic Leighton, Bart., P.R.A.

**Halse, G.**, 15, Clarendon-road, Notting  
Hill, London—

3. The Sister Arts.

**Joy, A. Bruce**, Beaumont-road, West  
Kensington, London—

4. Miss Mary Anderson.

**Maclean, T. Nelson**, 13, Bruton-street,  
London—

5. "Meditation."

**Marshall, W. Calder, R.A.**, 115,  
Ebury-street, London—

6. *Enone*.

**Thornycroft, W. Hamo., A.R.A.**,  
2, Melbury-road, London—

7. Lord Beaconsfield, K.G.

**Woolner, T., R.A.**, 22, Welbeck street,  
London—


8. The Right Hon. W. E. Gladstone, M.P.

## OIL PAINTINGS.

- Armitage, E., R.A.**, 3, Hall-road, St. John's Wood, London—
9. "The Cities of the Plain."  
 "And Abraham got up early in the morning to the place where he stood before the Lord.  
 "And he looked towards Sodom and Gomorrah, and toward all the land of the plain, and behold and lo, the smoke of the country went up as the smoke of a furnace."—*Gen. xix. 27-28.*
- Barnard, F.**, Warrington House, Havestock Hill, London—
10. "His First Pipe."
- Batt, A.**, Holly Lodge, Lyndhurst, Hants—
11. "The Culprit." Lent by the proprietors of the *Graphic*.
- Beavis, R., A.R.W.S.**, 28, Fitzroy-square, W.C.
12. "Clearing the Wreck." Lent by E. F. White, Esq.
- Boughton, G. H., A.R.A.**, West House, Campden Hill, London—
13. "A High Tide and Storm on the Coast of Holland—the dykes in danger."
- Burr, John, A.R.W.S.**, 86, Adelaide-road, London—
14. "Children in a Cornfield." Lent by E. F. White, Esq.
- Calderon, P. H., R.A.**, Burlington House, London—
15. "The Faithful Heart."  
 "As I was strolling home in the twilight on Thursday last, I caught a glimpse of old Tom Smith (my oldest parishioner), reverently placing a poor little bunch of cottage flowers on the grave of his o'd wife. To me that simple act of his was more touching than many an elegy, and spoke more eloquently of undying love than marble tombs and lengthy epitaphs."  
 ("Rambles in Buckinghamshire.")
- Charlton, John**, 11, Grove End-road, London—
16. "A Fellow-feeling Makes us Wondrous Kind." Lent by the Proprietors of the *Graphic*.
- Collier, Hon. John**, 7, Chelsea Embankment, London—
17. "The Lute Player."
- Cooper, T. Sidney, R.A.**, 42, Chepstow Villas, London—
18. "The Halt of the Drove, Loch Etive, Argyllshire."
- Cotman, F. G., R.I.**, 10, Boscobel-place, Alpha-road, London—
19. "A Rebellious Sitter."
- Douglas, E.**, Shere, Surrey—
20. "Throw Physic to the Dogs." Lent by the Proprietors of the *Graphic*.
- Downing, Delapoer**, Queen's-road Studios, London—
21. "A Dream of Fair Women."
- East, A.**, 14, Adamson-road, London—
22. "On Warnham Lake, Sussex, England."
- Faed, Thomas, R.A.**, 24a, Cavendish-road, St. John's Wood, London—
23. "Seeing Them Off."  
 "He could not leave his Highland home  
 Where he was born and bred;  
 The purple heath his footsteps trod,  
 Must o'er him bloom when dead."
- Fisher, Mark, R.I.**, Bourne Head Bucks—
24. "Spring." Lent by E. F. White, Esq.
- Frith, W. P., R.A.**, Member of the Academies of Antwerp, Stockholm, Vienna, and Belgium, 7, Pembridge Villas, London—
25. "The Old, Old Story."  
 "Ah! who can tell a lover's feeling,  
 As anxiously he bends his gaze  
 On her whose gentle voice is sealing  
 The bliss or woe of future days"
- Gadsby, W. H.**, 5, Carleton-road, Tufnell Park, London—
26. "Little Mobeap." Lent by E. F. White, Esq.
- Garland, C. T.**, 71, Eardley Crescent, Eari's Court, London—
27. "Doddy and her Pets." Lent by the Proprietors of the *Graphic*.

*Huntman & dogs,  
 apparently secured*

- Goodall, F., R.A.**, 62, Avenue-road, London—
28. "Gordon's Last Messenger."  
 "Yes, grief will have way, but let the fast-falling tear  
 Be mingled with deep execration on those  
 Who have basked in that warrior's mid-day career,  
 And left him thus lonely and dark at its close."  
 (Lines suggested by Lord Sherbrook).
- Gow, A. C., A.R.A., R.I.**, Lytham Studio, St. Alban's-road, London—
29. "Trophies of Victory."  
 "Prince Maurice, after the battle of Nieupoort, at the dinner given in his honour by the States General, and to which the Admiral of Arragon (the prisoner) was bidden, while they still sat at table many of the standards taken from the enemy were brought in and exhibited, the Stadtholder and others amusing themselves with reading the inscriptions and devices emblazoned upon them."—*Motley's United Netherlands*, vol. iv.
- Grace, James E.**, Milford, Surrey—
30. "Over the Rushes and over the Sedge."  
 (See Water Colours.)
- Hacker, A.**, Atherstone House, Fel-lows-road, London—
31. "An Arab Merchant."
- Halswelle, Keeley, A.R.S.A., R.I.**, 4, Albemarle-street, London—
32. "Italian Contadini at a Shrine, Rome."  
 Lent by E. F. White, Esq.
- Havers, Miss Alice**, 11, Marlborough-road, London—
33. "The Faithful Shepherdess."
- Hayes, E., R.H.A., R.I.**, Briscoe House, Steele's-road, London—
34. "Sleepy Dort, Holland." (See Water Colours.)
- Henderson, J., R.S.A.**, 11, Blyths-wood-square, Glasgow—
35. "Off the West Coast of Scotland." Lent by E. F. White, Esq.
- Hodgson, J. E., R.A.**, 41, Circus-road, London—
37. "The Queen! God Bless Her!"  
 A reminiscence of the campaign in the Soudan.
- Holloway, C. E., R.I.**
38. "A Wreck." (See Water Colours.)
- Hopkins, A., R.W.S.**, 80, Finchley-road, London—
39. "Between the Old Home and the New."  
 (See Water Colours).
- Horsley, J. C., R.A.**, 1, High Row, Kensington, London—
40. "Hide and Seek."
- Horsley, W. C.**, 1, High Row, Kensington, London—
41. "A Sister of Mercy on the Road to Cabul, 1879."
- Hunt, W. Holman, R.W.S.**, Draycot Lodge, Fulham, London—
42. "The Ship."  
 "I hear the noise about thy keel,  
 I hear the bell struck in the night,  
 I see the cabin window bright,  
 I see the sailor at the wheel."  
 (See Water Colours).  
 Tennyson's "In Memoriam."
- Hunter, Colin, A.R.A., R.I.**, 14, Meibury-road, London—
43. "As they Roar on the Shore."
- L'Anson, C.**, 12, Primrose Hill Studios, London—
44. "Seaward, where the Shore Lies Meadow-fringed."
- Johnson, C. E., R.I.**, Morven House, Steele's-road, London—
45. "The Slopes of Ben Nevis."
- King, Yeend**, 36, Marlborough-road, London—
46. "Talking it Over."
- Leighton, Sir Fredric, Bart., P.R.A.**, 2, Holland Park-road, London—
47. "Portrait of Sir R. Burton."  
 48. "Type of Beauty." Lent by the proprietors of the *Graphic*.
- Leighton, E. Blair**, 2, Queen Anne's Grove, Chiswick, London—
49. "Involuntary Variations." Lent by the proprietors of the *Graphic*.
- Leslie, G. D., R.A.**, Riverside, Wallingford, Berks—
50. "Type of Beauty." Lent by the proprietors of the *Graphic*.
- Lewis, C. J., R.I.**, 122, Cheyne-walk, London—
51. "A Backwater—Hurley-on-Thames." (See Water Colours.)

- Linton, Sir James D., P.R.I.,** Eitrick House, Steele's-road, London—
52. "Scene from Sir Walter Scott's 'Peveril of the Peak.'" (See Water Colours.)
- Lloyd, Stuart—**
53. "Still Waters." Lent by E. F. White, Esq.
- Lloyd, Tom, R.W.S.,** 6, Primrose-hill Studios, London—
54. "On the Thames—Feeding Swans." Lent by E. F. White, Esq.
- Lucas, Seymour, A.R.A., R.I.,** New-place, West Hampstead, London—
55. "Charles I. before Gloucester."  
"The King, having summoned the town of Gloucester to surrender . . . there returned two citizens from the town (Major Pudsey and one Foley Jordan), with lean, pale, and ugly visages, and in garbs so strange and unusual that at once gave mirth to the most severe countenances and sadness to the most cheerful hearts; who concluded that such ambassadors could bring no less than a defiance."  
(Clarendon's "History of England.")
- Lyndon, H.,** 1, Queen's-road Studios, London—
56. "Showery Weather."
- Macbeth, James,** 1a, Old Bond-street, London—
57. "A Sunny Carting." (See Water Colours.)
- MacGregor, Miss J.—**
58. "The 24th of December." Lent by the proprietors of the *Graphic*.
- MacWhirter, J., A.R.A., R.I.,** 1, Abbey-road, London—
59. "Harvesting in Arran." Lent by E. F. White, Esq.
60. "A Winter Song." Lent by the proprietors of the *Graphic*.
- Marks, H. Stacy, R.A., R.W.S.,** 17, Hamilton-terrace, London—
61. "At the Ferry." (See Water Colours.)
- Moore, Henry, A.R.A., R.W.S.,** Collingham, Maresfield Gardens, London—
62. "Give Way, Men!!" (See Water Colours.)
- Morgan, F.,** 7, North Bank, London—
63. "A Holiday." Lent by E. F. White, Esq.
- Morris, P.R., A.R.A.,** 33, St. John's-wood-road, London—
64. "Edward I. Presenting his Infant Son to the Welsh."
- Murray, David, A.R.S.,** 1, Langham Chambers, London—
65. "In the Trossachs, Perthshire." (See Water Colours.)
- Oakes, J. W., A.R.A.,** Leam House, Addison-road, London—
66. "Summer." Lent by E. F. White, Esq.
- Parsons, Alfred, R.I.,** 54, Bedford Gardens, London—
67. "The Daylight Dies." (See Water Colours.)
- Parton, Ernest—**
68. "An English Summer Day."
- Perugini, C. E.,** 141, Warwick-street, Ecclestone-square, London—
69. "The Tris Butterfly."
- Pettie, J., R.A.,** The Lothians, Fitzjohn's avenue, London—
70. "Site of an Early Christian Altar."  
". . . the method adopted in fixing the orientation of Churches has been preserved in some of the Scotch lodges. . . . The site of the altar was decided upon, and marked by a pole fixed in the ground. . . . The sun's rays appearing above the horizon fixed the line of orientation."—Laurie's "History of Freemasonry."
- Pott, Laslett J.—**
71. "A Game at Bowls." Lent by E. F. White, Esq.
- Prinsep, Val C., A.R.A.,** 1, Hollan Park-road, London—
72. "An English Labourer's Saturday Evening." *Play of the 4th of June*
- Riley, Thomas,** 1, Manresa-road, London—
73. "Episode of the Great Plague, London 1665—Solomon Eagle Preaching."
- Robertson, H. R.,** 1, Steele's Studios, Haverslock Hill, London—
74. "An Old Breton Well." 
- Richmond, W. B., Professor,** 6, Holland Park-road, London—
75. "Hermes."  
"The god fastens on his miraculous winged shoes, and is about to take flight across the ocean."
- Sadler, W. Dendy,** 28, Finchley-road, London—
76. "The Fisherman's Return." *Monarchy*

- Sant, James, R.A.**, 43, Lancaster Gate, London—  
77. "Shadows that Flit and Flee."
- Stocks, A., R.I.**, 63, Hanley-road, Hornsey Rise, London—  
78. "A London Window Garden."
- Stone, Marcus, R.A.**, 8, Melbury-road, London—  
79. "Bad News." Lent by E. F. White, Esq.
- Storey, G. A., A.R.A.**, Broadhurst Gardens, South Hampstead, London—  
80. "The Minnet." Lent by the proprietors of the *Graphic*.
- Strudwick, J. M.**, 14, Edith Villas, West Kensington, London—  
81. "A Story-book."
- Topham, Frank W. W., R.I.**, 16, Prince Arthur-road, Hampstead, London—  
82. "A Sonata: North Italy."
- Walton, Frank, R.I.**, Holmbury Saint Mary, Dorking—  
83. "On Leith Hill, Surrey."  
"O'er the moor among the heather!"  
(See Water Colours.)
- Waterlow, E. A., A.R.W.S.**, 3, St. Petersburg-place, London—  
84. "Watching the Sea Birds—near the Lizard, Cornwall."
- Watts, G. F., R.A.**, Little Holland House, London—  
85. "Portrait."  
86. "Orpheus and Eurydice."
- Weguelin, J. R.**, 3, Stratford-avenue, Kensington, London—  
87. "The Captive Wood Nymph."
- Wetherbee, G. F., R.I.**, 12, Chalcot Gardens, Haverstock-hill, London—  
88. "Harvest Scene."
- Williams, Haynes—**  
89. "The Matador's Wedding." Lent by E. F. White, Esq.
- Wyllie, C. W.**, 11, Melina-place, St. John's Wood, London—  
90. "From the Essex Shore."

## WATER-COLOUR DRAWINGS.

- Allingham, Mrs., R.W.S.**, Sandhills, Witley, Surrey—  
91. "Playing in the Hay"
- Buckman, E., R.W.S.**, 22, Ovington Gardens, London—  
92. "For the New Line."  
"Through the deep silence of the ages past."
- Callow, W., R.W.S.**, The Firs, Great Missenden, Bucks—  
93. "Entrance to the Port of Marseilles, France."
- Crane, Walter**, Beaumont Lodge, Shepherd's Bush, London—  
94. "A Diver."
- Dadd, Frank, R.I.**, 32, Great Osmond-street, London—  
95. "Food for Powder."
- Davidson, Chas., R.W.S.**, Trevena, Falmouth—  
96. "Hill and Dale."
- Dillon, F., R.I.**, 13, Upper Phillimore Gardens, London—  
7. "A Japanese Interior."
- Dobson, W. C. T., R.A., R.W.S.**, Gentleshurst, Petworth, Sussex—  
98. "Una Fascina di Olive." Lent by E. F. White, Esq.
- Duncan, Walter, A.R.W.S.**, 6, Park-road Studios, Haverstock-hill, London—  
99. "Where Lotus Blossoms are Found."
- Earle, Chas., R.I.**, 9, Duke-street, Portland-place, London—  
100. "The City of Norwich."
- Foster, Birket, R.W.S.**, The Hill, Witley, Surrey—  
101. "Preparing for Sheep Washing." Lent by E. F. White, Esq.
- Fripp, A. D., R.W.S.**, 43a, Hampstead Hill Gardens, London—  
102. "Prawn Fishers."
- Fripp, Chas. E.**, 11, Primrose Hill Studios, London—  
103. "Dying to Save the Queen's Colours—The death of Lieutenants Melville and Coghill, 24th Regiment. An episode in the battle of Insandlwana." Lent by the proprietors of the *Graphic*.

- Fulleylove, J., R.I.**, 32, Mecklenbourg-square, London—
104. "Hampton Court Palace—"The Long Walk."
- Garland, C. T.**—
105. "Transit of Venus." Lent by the proprietors of the *Graphic*.
- Goodall, E. A., R.W.S.**, 37, Fitzroy-road, London—
106. "The Remains of a Roman Bridge near Tangiers—Arabs Crossing a Ford."
- Gow, M. L., Miss, R.I.**, 35, Fitzroy-square, London—
107. "A Peep at the Ball." Lent by the proprietors of the *Graphic*.
- Grace, James E.**, Milford, Surrey—
108. "A Surrey Common." (See Oil Paintings.)
- Green, Charles, R.I.**, Charlecote, Hampstead, London—
109. "A Talented Troupe." Lent by the proprietors of the *Graphic*.
- Green, Towneley, R.I.**, Winchmere, England's-lane, Haverstock Hill, London—
110. "Shepherds all, and Maidens Fair."
- Hardy, Heywood, A.R.W.S.**, 10, Abbey-road, London—
111. "A Horse Attacked by Lions."
- Hargitt, E., R.I.**—
112. "The Undercliff, Isle of Wight."
- Hayes, Claude, R.I.**, Briscoe House, Steele's-road, London—
113. "Washing at the Beck, Starthes, Yorkshire."
- Hayes, E., R.H.A., R.I.**, Briscoe House, Steele's-road, London—
114. "Vessels coming to Anchor, Swansea Bay." (See Oil Paintings.)
- Hicks, G. E.**, 108, Westbourne-terrace, London—
115. "Mother and Child." Lent by E. F. White, Esq.
- Hine, Harry, R.I.**, 27, Holywell-street, St. Alban's—
116. "Porlock Weir, Somerset."
- Holloway, C. E., R.I.**—
117. "St. Paul's, from the Thames." (See Oil Paintings.)
- Hopkins, A., R.W.S.**, 80, Finchley-road—
118. "All Hands to the Capstan."
119. "Beauties of the Deep." Lent by the proprietors of the *Graphic*. (See Oil Paintings.)
- Hunt, W. Holman, R.W.S.**, Draycott Lodge, Fulham, London—
120. "The Apple Harvest, Ragaz, Valley of the Rhine." (See Oil Paintings.)
- Johnson, E. K., R.W.S.**, Sible, Heddingham, near Halstead, Surrey—
121. "Raid on the Dessert." Lent by the proprietors of the *Graphic*.
- King, Yeend**, 36, Marlborough Hill, London—
122. "Decorating the Signboard." Lent by the proprietors of the *Graphic*. (See Oil Paintings.)
- Kilburne, G. G., R.I.**, Hawkhurst House, Steele's-road, London—
123. "Dreaming."
- Knight, Joseph, R.I.**, 121, Cheney-walk, London—
124. "Summertime"
- Langley, Walter, R.I.**, Bayview House, Newlyn, Cornwall—
125. "In Memoriam."
- Lewis, C. J., R.I.**, 122, Cheyne-walk, London—
126. "Minding the Lock"—Lock! Lock!! Lock!!! (See Oil Paintings.)
- Ludby, Max**, "Ye Hutte," Cookham Dene, Berks—
127. "Springtime."
- Macbeth, James**, 1a, Old Bond-street, London—
128. "Lock Fad, Bute." (See Oil Paintings.)
- Macculloch, J.**, 9, Harrington-square, London—
129. "Benvenue, Loch Achray."
- Marks, H. Stacey, R.A., R.W.S.**, 17, Hamilton-terrace, London—
130. "Science in Measurement"—Replica of the diploma picture presented by the artist to the Royal Academy. (See Oil Paintings.)
- Marshall, Herbert, R.W.S.**, 1, Victoria Mansions, London—
131. "The Parliament Houses and Westminster Hall."

- Montalba, Clara, Miss, A.R.W.S.,** 20, Stanley-crescent, London—
32. "Canal of San Gregoria, Venice."
- Moore, Henry, A.R.A., R.W.S.,** Collingham, Maresfield Gardens, London—
133. "After Rain—Brixham Boats in the Offing." (See Oil Paintings.)
- Murray, David, A.R.S.A.,** 1, Langham Chambers, London—
134. "On the Shore, Port Appin, near Oban, Argyllshire." (See Oil Paintings.)
- Naftel, P. J., R.W.S.,** 76, Elm Park-road, London—
135. "Dowgeon Ghyll."
- Orrock, J., R.I.,** 48, Bedford-square, London—
136. "Stoke Ferry, Nottinghamshire."
- Parker, J., R.W.S.,** 5, Melina-place, Grove End road, London—
137. "Wargrave-on-Thames."
- Parsons, A., R.I.,** 54, Bedford Gardens, London—
138. "Mowing Time." (See Oil Paintings.)
- Pilsbury, Wilmot, A.R.W.S.,** The Hawthorns, Knighton Park-road, Leicester—
139. "An Old Water-mill."
- Pyne, Thos., R.I.,** 44, Upper Park-road, Haverstock-hill, London—
140. "Glandford Mill, Norfolk."
- Rickatson, O.—**
141. "St. Alban's."
- Scott, John, R.I.,** 5, The Mall, Haverstock-hill London—
142. "Hours of Idleness."
- Small, W., R.I.,** 294, Camden-road, London—
143. "United Services." Lent by the proprietors of the *Graphic*.
144. "Don't Move!" Lent by the proprietors of the *Graphic*.
145. "On the Moors." Lent by the proprietors of the *Graphic*.
146. "At the Masthead." Lent by the proprietors of the *Graphic*.
- Spiers, R. Phene,** 12, Regent-street, London—
147. "The Parthenon, Athens."
- Taylor, Fred. W., R.W.S.—**
148. "A Page and Horses." Lent by E. F. White, Esq.
- Waller, S. E.,** 58, Circus-road, London—
149. "Scarlet Runners." Lent by the proprietors of the *Graphic*.
- Walton, Frank, R.I.,** Holmbury-street, Mary, Dorking—
150. "Dancing Ledge, Stone Quarries, Swanage." (See Oil Paintings.)
- Wimperis, E. M., R.I.,** 137, Jower-street, London—
151. "Sand-pit Common."
- Yeames, W. F., R.A.,** 4, Grove End-road, London—
152. "A Boy at Last!" Lent by the proprietors of the *Graphic*.

## ARCHITECTURAL DRAWINGS.

- Aitchison, G., A.R.A.,** 150, Harley-street, London—
153. Royal Exchange Assurance, 29, Pall Mall, London.
154. Arab Hall. Sir F. Leighton's, Bart., P.R.A., Kensington, London.
155. Daawing-room. Sir W. Lawson's, Bart., Grosvenor Crescent, London.
156. A New Drawing-room.
- Brooks, Jas.,** 35, Wellington-street, Strand, London—
157. S.W. View of St. Peters. St. Leonards on Sea.
158. West View, St. Mary, Woolwich.
159. West View of St. St. John's Baptist, Kensington.
160. Schools of S. Michael and Convent of S. Mary at Yex, Shoredich.
161. Reredos; Church of Annunciation, Chislehurst.
162. N.W. View of S. Saviour, Mortainley, Sheffield.

- Edis, R. W., F.S.A.**, 14, Fitzroy-square, London—
163. Constitutional Club, Northumberland-avenue, London.
164. Bishop's Palace, Buckdew; Restoration and Additions.
- George, Ernest, & Peto**, 18, Maddox-street, London—
165. Harrington Gardens, S.W. London.

- Jackson, Thomas G.**, 4, Nottingham-place, London—
166. Brazenose College, Oxford; West Side of New Quadrangle.
167. Trinity College, Oxford; New Quadrangle.
168. The College, Brighton; New Hall, Chapel, and Boarding-houses.
169. Bromley Church, Kent.
- 169A. **Royal Institute of British Architects**, 9, Conduit-street, London—A series of Photographs of buildings erected from designs by Members and Associates of the Royal Institute of British Architects.

## ENGRAVINGS AND ETCHINGS.

PUBLISHED AND LENT BY ROBERT DUNTHORNE.

- Anglej, H. J.**—
170. "Henley-on-Thames."
171. "Sonning-on-Thames."
- Aumonier, J., R.I.**—
172. "The Way through the Stream."
- Campbell, C. W.**—
173. "The Birth of Galatea"—after E. Burne Jones, A.R.A.
174. "Pan and Psyche"—after E. Burne Jones, A.R.A.
175. "The Cathedral of Limbourg on the Lahn."
- Holloway, C. E., R.I.**—
176. "St. Ives, Huntingdonshire."
- Hunter, Coliss, A.R.A., R.I.**—
177. "The Herring Market at Sea."
- Knight, Joseph, R.I.**—
178. "The Wings of the Morning."
- Macbeth, R. W., A.R.A.**—
179. "The Harvest Moon"—after G. Mason, A.R.A.
180. "Marlow Ferry"—after F. Walker, A.R.A.
181. "The Pied Piper of Hamlin"—after G. J. Pinwell.
182. "The Pied Piper of Hamlin"—after G. J. Pinwell.
183. "Bacchus and Ariadne"—after Titian.
184. "The May of Life"—after G. Mason, A.R.A.
- Riviere, Briton, R.A.**—
185. "An Old Hound."
186. "The King Drinks!"
- Robertson, H. R.**—
187. "The Fighting Temeraire"—after J. M. W. Turner, R.A.
- Slocombe, E.**—
188. "Nerina"—after C. E. Perugini.
- Slocombe, F.**—
189. "My Windmill."
190. "Home"—after S. E. Waller.
191. "The Village of Basing."
- Short, F.**—
192. "Sunset on Beach"—after Copley Fielding.
- Wyllie, W. L., R.I.**—
193. "Toil, Glitter, Grime, and Wealth on a Flowing Tide."
- Buckman, E., R.W.S.**, 22, Ovington Gardens, London—
194. "A Tug of War"—from a picture in the possession of E. Armitage, R.A.

## DRAWINGS IN BLACK AND WHITE.

LENT BY THE PROPRIETORS OF "THE GRAPHIC."

**Armstrong, Miss—**

195. "The Violin Lesson."

**Barnes, R., A.R.W.S.—**

196. "Illustrations to 'Mayor of Casterbridge.'"

**Banerle, Carl—**

197. "Happy Christmas Time."

**Charlton, J.—**

198. "H.R.H. the Prince of Wales and Family in the Hunting Field."
- 
199. "Bolted: a Gallant Rescue."
- 
200. "Sword
- versus*
- Lance."
- 
201. "The Traction Engine."
- 
202. "Ponies in the Ring."
- 
203. "A Fractious Hielerander."

**Davidson, G.—**

204. "Steamer Rescuing Survivors of a Wreck."

**Dollman, J. C.—**

205. "Grandmamma's Elopement."

**Durand, G.—**

206. "Britannia and her Boys."
- 
207. "Sitting-room, Osborne House."

**Franishnikoff, J.—**

208. "The Early Bird."

**Gandy, H.—**

209. "The Love Token."

**Hodgson, J. E., R.A.—**

210. "The Red Cross at Work."

**Hopkins, A., R.W.S.—**

211. "Convalescent,"
- 
212. "Tennis in the Snow,"
- 
213. "Ready for a Stroll."
- 
214. "On Board a Training Ship—Private Theatricals."
- 
215. "Lawn Tennis Championship Match."
- 
216. "Soudan Mirage."

217. "As You Like It."

218. "Home Again."

219. "A Lady B.A."

220. "Children's Hospital."

221. "Cornish Fisher Lad."

**Linton, Sir James D., P.R.I.—**

222. "A Jewish Synagogue."

**Macquoid, Percy, R.I.—**

223. "For the Shore—Ceylon."

**Nash, J.—**

224. "German Emigrants."

**Reinhardt, C.—**

225. "Monte Carlo—Morning."

**Small, W., R.I.—**

226. "Lord Beaconsfield's Monument—Primrose Day."
- 
227. "Illustration to '93.'"
- 
228. "Edinburgh Cross."
- 
229. "Decorating the Victory."
- 
230. "Levée at St. James' Palace."
- 
231. "History of a Week: At Death's Door."
- 
232. "Gladstone at Midlothian."
- 
233. "Military Tournament."

**Staniland, C. J., R.I.—**

234. "With Emigrants from Liverpool to Canada."
- 
235. "A Letter Home."

**Villiers, F.—**

236. "Edison in his Laboratory."

**Wingman, T. B.—**

237. "Artists of the
- Graphic*
- ":—C. Green, Sydney P. Hall, E. J. Gregory, A.R.A., Henry Woods, A.R.A., Luke Fildes, A.R.A., J. Nash, H. Herkomer, A.R.A., G. Durand, F. Holl, R.A., W. Small.

**Wyllie, W. L., R.I.—**

238. "Yachting on the Ice."
- 
- 238A. "The Orient liner Ormuz entering Tilbury Dock," lent by the Orient Steam Navigation Company.

## ENGRAVINGS.

PUBLISHED AND LENT BY MESSRS. P. &amp; D. COLNAGHI &amp; Co.

- |  |  |
|--|--|
| 239. "Penelope Boothby"—after Sir Joshua Reynolds, by S. Cousins, R.A.     | 244. "The Blue Boy"—after Gainsborough, by Waltner.          |
| 240. "Vestal"—after Sir Frederic Leighton, P.R.A., by J. D. Miller.        | 245. "The Evening Hymn"—after G. Mason, A.R.A., by Waltner.  |
| 241. "The Milkmaid"—after G. Mason, A.R.A., by J. D. Miller.               | 246. "Summer Moon"—after Sir F. Leighton (photogravure).     |
| 242. "Anita"—after Sir Frederic Leighton, P.R.A., by Atkinson.             | 247. "Opening the Lock"—after Constable, by Brunet Debaines. |
| 243. "The End of the Day"—after G. Mason, A.R.A., by R. W. Macbeth, A.R.A. |  |

## STAINED GLASS.

MESSRS. CLAYTON &amp; BELL, 311, REGENT STREET, LONDON.

248. Part of Window—"Our Lord in majesty, canopied by the seven gifts of the Holy Spirit, and accompanied by symbols and the three Archangels."
249. Figure of Shakespeare, surrounded with medallions illustrative of the "Seven Ages."

## PHOTOGRAPHY.

- Barrands, 263, Oxford-street, London—**
250. Mary Anderson as "Julia." Enlarged permanent photograph.
251. Henry Irving. Enlarged permanent photograph.
252. Cardinal Newman. Enlarged permanent photograph.
253. Wilson Barrett as "Chatterton." Enlarged permanent photograph.
254. Mr. and Mrs. Kendal in "The Ironmaster." Enlarged permanent photograph.
- Collinson & Lock, 76 to 80, Oxford-street, London—**
255. A walnut carved break-front cabinet, on eight square and fluted columns and plinth. Centre enclosed by two transparent glass doors, side by panelled doors; drawer in centre.
256. Rosewood inlaid music cabinet.
257. Rosewood cabinet, inlaid ivory. The lower part open; cupboards at sides; upper part enclosed by doors; lined with silk velvet.
258. A walnut china cabinet, with canted ends; lower part enclosed; upper part enclosed by glass doors.
259. An ebonised cabinet, with canted ends; panelled doors, with mouldings on lower part; transparent glass doors above.
260. A mahogany cabinet, inlaid orange.
261. A walnut and marqueterie-shaped front sideboard; pedestals; three drawers in frame; bevelled silver glass in back.
262. A walnut sideboard, with panelled cupboards to upper part.
263. A rosewood china cabinet on legs, fitted with three drawers; upper part enclosed by two glass doors.
264. A sweep-front mahogany inlaid cabinet on legs; three drawers in frame.
265. A mahogany inlaid china cabinet; upper part enclosed by two glass doors, lower part by two panelled glass doors.
266. A fine rosewood cabinet with canted ends; enclosed by panelled doors.
267. Mahogany cabinet on eight legs; enclosed by glass doors to cupboards.
268. A walnut cylinder fall writing table; two drawers in frame; inside top lined with morocco.
269. A rosewood table with marqueterie banding; on turned legs and moulded stretcher.
270. Oblong coromandel table, with marqueterie banding.

- |   |  |
|---|--|
| 271. A finely-inlaid rosewood and ivory cabinet.                                    | 276. An oval coromandel table; inlaid lines.                 |
| 272. A rosewood table cabinet, inlaid with ivory.                                   | 277. A rosewood and marqueterie pedestal writing table.      |
| 273. Two marqueterie chairs.  | 278. Two mahogany chairs; stuffed backs; covered with silk.  |
| 274. Small rosewood and ivory chair; stuffed seat and back; covered with red plush. | 279. Two walnut elbow chairs, covered with embossed leather. |
| 275. Small rosewood and ivory chair; covered with blue plush.                       | 280. Two walnut elbow chairs, covered with velvet.           |

## LADIES' FINE ART WORK.

- |   |  |
|---|--|
| 281. Arranged by Mrs. R. St. John Hall.   | 15. Satin fan; hand-painted, with shoes to match. Miss Haines.   |
| 1. Portière; Venetian red, Roman satin, with dado of magnolias on brown velvet. Painted by Miss Tuckett, Shirehampton, Gloucestershire. | 16. Pair sabots; hand-painted. Miss McCleod.   |
| 2. Portière; old gold Roman satin, with dado of lilies painted in panels on moss-green plush. Miss Tuckett.                             | 17. Strip; hand-painted poppies. Miss McCleod.   |
| 3. Coverlet; poppies painted on brown velvet, bordered with deep red plush. Miss Tuckett.   | 18. Memo. slate; hand-painted apple blossom. Miss McCleod.   |
| 4. Coverlet; small poppies painted on brown velvet, bordered with crimson plush. Miss Tuckett.  | 19. Collection of water-colour sketches. By Miss S. M. Fox.  |
| 5. Coverlet; single dahlias painted on brown velvet, bordered with maroon plush. Miss Tuckett.  | 20. Painting in sepia on opal, "Greek Girls." Miss Ethel Rogers.   |
| 6. Tapestry work. By Miss Whittle.  | 21. Oil painting; old archway in Mont Orgueil, Jersey. Miss Ethel Rogers.  |
| 7. Chair back; Breton embroidery. By Mrs. Haynes, Jersey.   | 22. Oil painting; Léhon Loch, near Dinan. Miss Ethel Rogers.   |
| 8. Satin panel for lady's dress; crimson satin decorated with hand-painted swallows. Miss McCleod, Jersey.                              | 23. Palette callender; painted with poppies and wild clematis. Miss Ethel Rogers.  |
| 9. Table; purple clematis. Painted by Miss Mabel Rogers.  | 24. Terra-cotta plaque; wild roses. Miss Ethel Rogers.   |
| 10. Chrystoleum; Raphael's "Madonna del san Sisto." Miss Agnes Rogers.  | 25. Portrait of the Queen; painted by Cornwall at the time of her ascension to the throne. Exhibited by Mrs. St. John Hall.        |
| 11. Hand-painted bellows. Miss Agnes Rogers.  | 26. Chair backs and sideboard cloth in crewel work. Miss E. Hall, Torquay.   |
| 12. Plaque; painting on opal, "At the Spring." Miss Copland.  | 27. Jubilee d'yoyles in antique knitting. Miss Maule Stapleton, Gloucestershire.   |
| 13. Plaque; painting on opal, "Hillside." Miss Copland.   | 28. D'yoyles in drawn linen work embroidered in silk. Miss Alice Hall Stapleton, Gloucestershire.                                  |
| 14. Collection of Christmas and birthday cards; hand-painted on ivory fans. Miss Haines.  | 29. Antique netting. Mrs. Hall Stapleton, Gloucestershire.   |
|   | 30. Coverlet; cream Roman satin painted with purple iris and foxgloves mounted on old gold satin. Mrs. St. John Hall, Walkerville. |
|   | 31. Paintings on pottery and wood. Mrs. St. John Hall, Walkerville.  |

# AUSTRIAN EXHIBITS.

## DEPARTMENT II.

### Manufactures.

#### CLASS 200—Chemicals—Pharmaceutical Preparation.

1. Faber Brothers, Trieste, Austria—Insecticide powders.
2. Wagemann, Seybel, & Co., Vienna, Austria—Tartaric acid.

#### CLASS 203—Paints, Dyes, &c.

3. Auhl & Metz, Vienna, Austria—Different kinds of colours.

#### CLASS 213—Porcelain, China, &c.

4. Richter, G. H., Warnsdorf, Bohemia, Austria—Flowers of china.
5. Wahliss, Ernest, Vienna, Austria—First-class assorted china of every description.

#### CLASS 214—Glass used for Mirrors, &c.

6. Bloch & Son, S., Vienna, Austria—Looking-glasses and mirrors.

#### CLASS 216—Decorative Glassware.

7. Pfeiffer & Co., Gablonz, a/n Bohemia, Austria—cent bottle and other kinds of glassware.
8. Reich, S., & Co., Vienna, Austria—Glassware.
9. Redelhammer Brothers, Gablonz, a/n Bohemia, Austria—Glassware of different kinds.
10. Stolze & Sons, C., Vienna, Austria—Glassware.

#### CLASS 217—Heavy Furniture.

11. Kohn, Jacob & Josef, by H.I. and R.M. Letters Patent, manufacturers and inventors of the celebrated Vienna bentwood furniture, awarded with 35 gold medals and first prizes at all Exhibitions, especially Sydney. 1879, first prize with special mention; Melbourne, 1881, first prize; Calcutta, 1883-4, highest award and gold medal for progress and perfection; Bos-

ton, 1881, first prize and special mention, New Orleans, &c., &c. Factories—Teschen, Wsetin, Bistritz, Ketsch, Vorosko, Vowo Radomsk, Radriwillon, Troppau.

12. Erste Thur & Fenster Fabrik, (First Door and Window Manufactory), Vienna, Austria—Bentwood spring mattresses.

#### CLASS 217—Heavy Furniture.

13. Ungyvar Mobil Fabrik, Ungyvar, Hungary—Bentwood furniture.

#### CLASS 218—Table Furniture.

14. Muller, Hermann, Ullrichthal, Bohemia, Austria—Glassware.
15. Stolze, C., & Sons, Vienna, Austria—Glassware.

#### CLASS 224—Apparatus for Lighting.

16. Brunner Brothers, Vienna, Austria—Lamps of every description.
17. Reich, S., & Co., Vienna, Austria—Glassware, lamps, &c.

#### CLASS 225—Kitchen and Pantry Utensils.

18. Bartelmus Bros. & Tarisch, Brünn, Moravia, Austria—Kitchen and cooking utensils.

#### CLASS 228—Manufactured Parts of Buildings.

19. Erste Thur & Fenster Fabrik, (First Door and Window Manufactory), Vienna, Austria—Doors and windows of Austrian wood.

#### CLASS 231—Cotton Yarns, Curtains, &c.

20. Daubek, Thomas, & Son, Vienna, Austria—Chenille curtains and chenille tablecloths.
21. Haas, Philipp, & Sons, Vienna, Austria—Chenille curtains and chenille tablecloths.

22. **Lowenfeld, W.**, Vienna, Austria—Table-cloths and napkins of different kinds.
23. **Wolff Brothers**, Vienna, Austria—Curtains of different kinds.

**CLASS 236—Linen Fabrics.**

24. **Vonviller & Co.**, Vienna, Austria—Linen and cloths.

**CLASS 240—Wool Fabrics, Broad-cloths, Tweeds, &c.**

25. **Bauer & Widemann**, Brünn, Moravia, Austria—Tweeds and cloths.
26. **Demuth, Anton, & Sons**, Reichenberg, Bohemia, Austria—Tweeds and cloths.
27. **Low, Adolf, & Son**, Brünn, Moravia, Austria—Tweeds and cloths.
28. **Schmidt, T. Phil, & Sons**, Reichenberg, Bohemia, Austria—Tweeds and cloths.

**CLASS 241—Flannels, Serges, &c.**

29. **Haas, Philipp, & Sons**, Vienna, Austria—Different kinds of cloth for furniture.

**CLASS 243—Wool Fabrics for Women's Wear, Merinos, &c.**

30. **Lowenfeld, W.**, Vienna, Austria—Silk embroidery and ladies' dresses.

**CLASS 246—Felted Goods.**

31. **Kreczy, Theodore**, Brunn, Moravia, Austria—Cloth for industrial purposes.

**CLASS 254—Crapes, Velvets, &c.**

32. **Bujatti, Franz**, Vienna, Austria—Silk goods.
33. **Deri, Friedrich**, Vienna, Austria—Silk goods.

**CLASS 257—Silk and Mixed Silk Furniture Coverings.**

34. **Haas, Philip, & Son**, Vienna, Austria—Silk goods and silk covertures for furniture.
35. **Wolff Brothers**, Vienna, Austria—Silk goods and silk covertures for furniture.

**CLASS 259—Ready-made Clothing.**

36. **Joss, M., & Lowenstein**, Prague, Bohemia, Austria—Shirts, collars, and manchettes.
37. **Tedesko, Leopold, & Co.**, Vienna, Austria—Gentlemen's and children's clothing.
38. **Zentler, A., & Son**, Vienna, Austria—Gentlemen's and children's clothing.

**CLASS 261—Hats, Caps, Gloves, &c.**

39. **Bossi, Gius**, Vienna, Austria—Hats of every description.
40. **Grunbaum Brothers**, Vienna, Austria—Cravats, scarfs, &c.
41. **Haager, Thomas**, Vienna, Austria—Gloves.

**CLASS 262—Boots, Shoes, &c.**

42. **Jac, Fridezko, & Brother**, Vienna, Austria—Boots and shoes.
43. **Strakosch, B.**, Vienna, Austria—Fancy ladies' shoes.

**CLASS 263—Jewellery and Dress Ornaments.**

44. **Augustin, A.**, Vienna, Austria—Gold and silver jewellery, with imitation of precious stones.
45. **Steiner & Kolliner**, Prague, Bohemia, Austria—Bohemian garnets.
46. **Redelhammer Brothers**, Gablonz, a/n Bohemia, Austria—Fancy glass bijouterie.

**CLASS 264—Artificial Flowers, Pipes, Fancy Articles, &c.**

47. **Brix, C. M.**, Vienna, Austria—Briar pipes.
48. **Brix, Johann**, Vienna, Austria—Meerschau pipes.
49. **Bachlechner, Louise**, Vienna, Austria—Embroidery.
50. **Grunbaum Brothers**, Vienna, Austria—Fans of every description.
51. **Andreas, Ludwig, & Son**, Vienna, Austria—Wooden sticks of various kinds.
52. **Geb, Simon**, Vienna, Austria—Fancy pipes of great variety.
53. **Weiss, Frieda**, Vienna, Austria—Embroidery.

**CLASS 265—Fancy Leatherwork.**

54. **Atlas, Erasmus**, Vienna, Austria—Fancy leather goods.

**CLASS 269—Writing Paper, Envelopes, &c.**

55. **Kink, Martin, & Co.**, Vienna, Austria—Rolls of paper and different kinds of white and coloured paper.

**CLASS 274—Wall Papers, Coloured Papers, &c.**

56. **Schutz, Christian**, Vienna, Austria—Cigarettes, paper, and other specialities.

**CLASS 291—Cutlery.**

57. **Strubmyer, J.**, Trattenback, Austria—Carving, fruit, and bread knives.

**CLASS 293—Ornamental Castings, &c.**

58. **Oster, Franz**, Vienna, Austria—Metal and enamelled letters.

**CLASS 294—Hardware.**

59. **Moravia, Olmutz**, Austria—Boot nails—an Austrian specialty.

**CLASS 300—Flags, &c.**

60. **Bossi, Gius.**, Vienna, Austria—Assortment of flags and standards.

**CLASS 303—Pleasure Carriages.**

61. **Armbruster, Sebastian**, Vienna, Austria, Imperial and Royal Carriage Manufacturer—One carriage (landauer).

**DEPARTMENT III.***Education and Science.***CLASS 353—Professional and Technical Schools.**

62. **Bach, Elise**, Vienna, Austria (Directress of the Superior School of Embroidery)—Method for embroidery works.

**CLASS 360—Weights, Measures, and Weighing Apparatus.**

63. **Jos, Florenz**, Vienna, Austria—Balances and scales of every description.  
64. **Nemetz, Josef**, Vienna, Austria—Balances and scales for scientific purposes.

**CLASS 361—Chronometric Apparatus.**

66. **Bloch, S., & Son**, Vienna, Austria—Regulators, clocks with different movements.

**CLASS 363—Telegraph Instruments and Methods.**

67. **Deckert & Homolka**, Vienna, Austria—Electric bells, electric apparatus, and a new system of telephone.

**CLASS 364—Musical Instruments.**

68. **Oeser, Franz**, Vienna, Austria—One concert piano, one large cottage piano.  
69. **Thie, Wilhelm**, Vienna—Mouth harmonicas.

**DEPARTMENT IV.***Art.***CLASS 409—Paintings with Vitri-fiable Colours, Pictures on Porcelain, &c.**

70. **Geyling, Carl**, Erben, Vienna, Austria—Painted glass window for churches, and other painted fancy glasses.

71. **Zasche, Josef**, Vienna, Austria—Enamelled and hand-painted china and old Vienna.

**CLASS 411—Engravings.**

72. **Mietke, H. O.**, Vienna, Austria—Engravings.

**CLASS 413—Lithographs.**

73. **Mietke, H. O.**, Vienna, Austria—Lithographs.

**CLASS 414—Oleographs, &c.**

74. Czeiger, S., Vienna, Austria—Oleographs.
75. Holzel, Edoard, Vienna, Austria—Oleographs.
76. Mietke, H. O., Vienna, Austria—Oleographs.
77. Zoeller, William, Vienna, Austria—Oleographs.

**CLASS 429—Miscellaneous Objects of Art.**

78. Gutfreund, Josef, Vienna, Austria—Three pictures with human hair—
1. Adelaide Town Hall.
  2. St. Peter's Cathedral.
  3. General Uchatius.
79. Schutz Bros., Vienna, Austria—Ceramic and majolica in artistic style.

**DEPARTMENT V.***Machinery.***CLASS 573—Flour Mills and Dressing Machinery.**

80. Ganz & Co., Buda-Pesth, Hungary—Roller flour mill in working order.

**DEPARTMENT VI.***Agriculture.***CLASS 614—Tobacco, Hops, &c.**

81. Wiener, John, Vienna—Natural pressed yeast.

**CLASS 619—Flour—Crushed and Ground Cereals; Decorticated Grains.**

82. Hauser & Sobotka, Stadlau, near Vienna, Austria—Malt.

**CLASS 625—Wine, the Produce of the Grape.**

83. Roemer, J., & Son, Vienna, Austria—Six different kinds of Austrian wines.
84. Halle & Son, Buda-Pesth—Champagne.

**CLASS 627—Cider, Vinegar, &c.**

85. Godnig, G., Trieste, Austria—Vinegar.

**CLASS 629—Liqueurs, Cordials, &c.**

86. Luxardo, Girolamo, Zara, Dalmatie, Austria—Maraschino liqueurs.
87. Pollak, Adolf, & Son, Jägerndorf, Schlesien, Austria—Different kinds of liqueurs.

**CLASS 639—Shells, Coral, Sponges, &c.**

88. Flumiani, G., Trieste, Austria—Sponges.

## AUSTRIAN ART EXHIBITS.

## CLASS 406—Paintings in Oil.

- Aigner, F.**, Vienna—  
1. Soldier, time of Wallenstein.
- Aigner, F.**, Vienna—  
2. Portrait.
- Angerer, S.**, Vienna—  
3. Lady portrait.
- Blaas, Julius**, Vienna—  
4. Horse.
- Blaas, Julius von**, Vienna—  
5. Shepherd.
- Blaas, Julius von**, Vienna—  
6. Foggy Day.
- Blaas, Julius von**, Vienna—  
7. Horse.
- Blaas, Julius von**, Vienna—  
8. Horse.
- Blaas, Julius von**, Vienna—  
9. Cow.
- Blaas, Julius von**, Vienna—  
10. Dog.
- Blaas, Julius von**, Vienna—  
11. "In the Osteria" (Italian wineshop).
- Blaas, Julius von**, Vienna—  
12. Horse.
- Blaas, Professor Carl**, Vienna—  
13. Young Girl.
- Boucher, L.**, Vienna—  
14. Nymphs.
- Budinsky, Miss M.**, Vienna—  
15. "Love-making."
- Costa, C.**, Vienna—  
16. Zingara.
- Costa, C.**, Vienna—  
17. "First Smoke."
- Ditrich, M.**, Vienna—  
18. Lady portrait.
- Efender, L.**, Vienna—  
19. Cellarman.
- Fischer, R.**, Vienna—  
20. Cattle in the Paddock.
- Fischer, R.**, Vienna—  
21. Landscape.
- Fink, R.**, Vienna—  
22. Landscape.
- Fuger, T.**, Vienna—  
23. "Surprise."
- Giacomelli, V.**, Vienna—  
24. "Fête dans le Parc."
- Giacomelli, V.**, Vienna—  
25. "In the Bibliotck."
- Giacomelli, V.**, Vienna—  
26. "Conversation."
- Giacomelli, V.**, Vienna—  
27. "The Last Resource of the Widow."
- Giacomelli, V.**, Vienna—  
28. "Christopher Columbus—First Sight of Land."
- Geiger, S.**, Vienna—  
29. Landscape.
- Geiger, S.**, Vienna—  
30. Landscape.
- Gauermann, F.**, Vienna—  
31. Cows.
- Kunewalder, A.**, Vienna—  
32. Portrait.
- Kunwalder, R.**, Vienna—  
33. Portrait.
- Kneifel, R.**, Vienna—  
34. Gipsy Girl.
- Lang, C.**, Vienna—  
35. Landscape.

- Lang, C.,** Vienna—  
36. Landscape.
- Lyacono, F.,** Vienna—  
37. Well.
- Mark, S.,** Vienna—  
38. Landscape.
- Mark, S.,** Vienna—  
39. Landscape.
- Massani, V.,** Vienna—  
40. "The Favourite Drink."
- Massani, V.,** Vienna—  
41. Lady with Fan.
- Mauer, S.,** Vienna—  
42. Landscape (with clock).
- Menzel, J.,** Vienna—  
43. Madonna (copy of Rubens).
- Menzel, J.,** Vienna—  
44. Madonna (copy of Murillo).
- Palme, A.,** Vienna—  
45. Landscape.
- Rapazzini, L.,** Vienna—  
46. "Flirtation."
- Ritter, L.,** Vienna—  
47. Napoleon and Bismarck.
- Rubler, D.,** Vienna—  
48. Horses on the Gallop.
- Raggianini, M.,** Vienna—  
49. "Mother Happiness."
- Richard, S.,** Vienna—  
50. Landscape.
- Schill, R.,** Vienna—  
51. Portrait.
- Schill, R.,** Vienna—  
52. Portrait.
- Schill, R.,** Vienna—  
53. Portrait.
- Schill, R.,** Vienna—  
54. Ferdinand, Emperor of Austria.
- Schill, R.,** Vienna—  
55. Portrait of an Austrian Archduke.
- Swoboda, S.,** Vienna—  
56. Cattle.
- Schweninger, Miss Rose,** Vienna—  
57. "Good for Nothing."
- Schweninger, Miss Rose,** Vienna—  
58. "Surprise."
- Schweninger, Miss Rose,** Vienna—  
59. Teuton Head.
- Schweninger, Miss Rose,** Vienna—  
60. Italian Girl.
- Stross, A.,** Vienna—  
61. Horses.
- Schilker, G.,** Vienna—  
62. Lady Portrait.
- Schneider, A.,** Vienna—  
63. Horses.
- Schneider, A.,** Vienna—  
64. Horses.
- Tancovits, T.,** Vienna—  
65. Landscape.
- Fellscher, S.,** Vienna—  
66. Horse.
- Tetzner, A.,** Vienna—  
67. Horse.
- Winter, M.,** Vienna—  
68. Young Man.
- Weiss, O.,** Vienna—  
69. Young Lady Portrait.
- Weiss, W.,** Vienna—  
70. Landscape.
- Winternitz, Wilhelm,** Vienna—  
71. Oil paintings.
- Zingone, A.,** Vienna—  
72. Bootmaker's Shop.
- Zimmer, F.,** Vienna—  
73. Landscape.

# BELGIAN EXHIBITS.

## DEPARTMENT I.

### Mining, Metallurgy, and their Products.

#### CLASS 106—Minerals, Combustible Coal.

1. **Societe Anonyme des Charbonages de Mariemont**—Prepared coal in blocks for locomotives and steamers.

#### CLASS 107—Building Stones.

2. **Boucaeu, Leon**, Rue Verte, 140, at Schaerbeck, near Brussels—Chimney mantel in white statuary marble; dining-room decoration, black marble; breakfast room, grey and red marble; bedroom, white, veined. (See class 224.)
3. **Denis, Victor**, Boulevard Bischoffsheim, No. 40—Four chimney mantels, richly carved marble. (See class 224.)
4. **Depruyssenaeere, H. A.**, at Bouillon—Funereal crown, "Christ on Cross," in white marble; picture with white marble relief letters; picture, black granite ornate engraving.
5. **Devillers & Co.**, Boulevard d'Anderlecht, Brussels—Seven chimney mantels, different sorts; two marble pedestals. (See class 224.)

6. **Pirmez-Moncheur**, at Gougnyes, via Gerpennes. Mantelpiece in marble, and carvings and black marble decorations; collection of samples of St. Ann marble, different sizes and different colours. (See class 224.)

7. **Societe Anonyme de Merbes-le-Chateau**—Four chimney mantels, three columns, and marble pavements. (See class 224.)

#### CLASS 108—Cements.

8. **Dassonville de St. Hubert, L.**, Villers La Ville—Barrels of improved cement.
9. **Societe Anonyme de Niel on Ruppel**, No. 32, Canal de l'Amidon, at Antwerp—Portland cement.

#### CLASS 116—Tin, Nickel, Lead, &c.

10. **Boubouille, E. A. & A. J., Bros.**, Rue de la Petite Ourse, 61, Antwerp—New patent system of zinc roofing. (See class 719.)

## DEPARTMENT II.

### Manufactures.

#### CLASS 201—Oils, Soap, and Detergent Preparations, &c.

11. **Spinnael, Charles**, Manufacture Royale des bougies de la Oour, Chaussée de Mons, Cureghem, near Brussels—Stearine candles, different qualities.

#### CLASS 203—Paints, Pigments, Dyes, Colours, Turpentine, Varnishes, Blacking.

12. **Van Speybrouck**, Bruges—Samples of pitch for caulking vessels.

#### CLASS 205a—Tobacco (Manufactured), Cigars, &c.

13. **Tinchant Bros.**, Rue Breydell, No. 17, Antwerp; Trade Mark, "Veni, Vidi, Vici"—Extra fine Havana cigars, brand "Honi soit," &c.; cigars, Mexican tobacco, &c.
14. **Van den Driessche, D.**, Quai des Chaudronniers, at Ghent—Samples of different cigars from 50f. to 400f., per 1,000.

#### CLASS 208—Tiles.

15. **De Smet Leon & Co.**, Boulevard Béguinage, 24, Ghent—Ornamental tiles for household purposes.

16. Fieve, Gve., & Co., Boulevard Lousbergs, No. 12, Ghent—Ornamental tiles in compressed cement.

**CLASS 213—Porcelain, China, and Earthenware.**

17. Gasparoli, Miss Mary, Rue Van Maerlaut, 19, Brussels—China plaque and six painted plates.

**CLASS 214—Glass used in Construction, &c.**

18. Agence generale de Vente des Glaceries, Belges, Rue de Jéricho, No. 7, Brussels: Société Anonyme de Glaces de Ste. St. Marie, d'Oignies; Compagnie de Floreffe; Société Anonyme de Glaces et Verreries du Hainaut, at Roux; Société Anonyme de Courcelles pour la fabrication des Glaces, at Gosselies-Courcelles; Société Anonyme des Glaces d'Auve-lais—One bevelled oval mirror, one rectangular mirror.

19. Haidin, Emile, & Co., Société des Verreries de Gosselies, Gosselies-Courcelles, —Window glass, different sizes.

20. Lambert, L., & Co., Verrerie des Hamendes at Jumet—Coloured glass, large-sized window glass, and photo glasses. (See class 219.)

21. Societe Anonyme des Verreries de Charleroi, at Gilly—Window glass, frosted and muslin glasses. (See class 216.)

**CLASS 216—Decorated Glassware.**

22. Societe Anonyme des Verreries de Charleroi, at Gilly; Manager, Mr. N. Grégorius. (See class 214.)

**CLASS 217—Heavy Furniture.**

23. Arens, Arnold, Rue des Nerviens, 19, Antwerp—Three pieces art furniture—pedestal, form, chair. (See class 293.)

24. Brauburger, J., Rue de Suède, 53, Brussels—Eleven clocks and ornaments, inkstand clock with works.

25. Huybers-Severyns, H., Rue du Vaneau, 23, Antwerp—Six black chairs, red plush.

26. Van Halle, Mrs. J., & Bro., Chaussée de Malines, 8, Antwerp—Oak sideboard (period Renaissance and Francis I.), two dining-room chairs, ditto.

27. Zech, H., Pré aux Oies, 35, Malines—Sideboard, carved, style Henry II.; cabinet carved, ditto.

**CLASS 219—Mirrors, Stained and Enamelled Glass, &c.**

28. Lambert, L., & Co., Verrerie des Hamendes, Jumet. (See class 214.)

29. Pluys, L., Rue de Bèfer, 33, Malines—Screen representing "The Sacred Heart of Jesus," and medallions.

30. Zaudig, Wm., Rue de Cologne, 22, Brussels—Mosaic panel and bust.

**CLASS 223—Apparatus and Fixtures for Heating and Cooking.**

31. Costermans Bros., Rue de Rollebeek, 27, Brussels—Fireplaces, large and small (period Louis XVI.)

**CLASS 224—Apparatus for Lighting.**

32. Boucneau, Leon, Rue Verte, 140, Schaerbeek, near Brussels. (See class 107.)

33. Denis, Victor, Boulevard Bisschoffsheim, 40, Brussels. (See class 107.)

34. Devillers & Co., Boulevard d'Anderlecht, 63, Brussels. (See class 107.)

35. Pirmez-Moncheur, Gougny, via Gerpinnes. (See class 107.)

36. Societe Anonyme de Merbes le Chateau; Manager, Mr. Puissant. (See class 107.)

**CLASS 233—Printed Cottons, Muslins, &c.**

37. Koch, J., Rue Boisot, 23, Antwerp—Carpets; handkerchiefs, plain and embroidered.

**CLASS 235—Linen Yarns and Threads.**

38. Declercq-Clement, Iseghem—23 pieces towelling, varied, and hand-made lace; sewing cotton, &c. (See class 236.)

**CLASS 236—Linen Fabrics, &c.**

39. Declercq-Clement, Iseghem. (See class 235.)

**CLASS 239—Yarns, Worsteds, &c.**

40. Oudin, Albert, & Co., at Dinant—Fine prepared Australian wool yarns (see Class 243).

**CLASS 240—Wool Fabrics, &c.**

41. Aubin-Sauvage & Co., at Ensal, Verviers—Sample album, men's clothing in wool.

**CLASS 242—Blankets, Rugs, Shawls, &c.**

42. Goris, Augustine, at St. Nicolas—Various shawls, plaids, cricketware, &c.

**CLASS 243—Wool Fabrics for Women's Wear.**

43. Oudin, Albert, & Co., Dinant—Merinos and ordinary cashmere; ditto, plain and rich, &c. (See Class 239.)

44. La Dinantaise Societe Anonyme, at Dinant—Thirty pieces merino and cashmere, black and different shades.

**CLASS 254—Crapes, Velvets, Plushes, &c.**

45. **Gillemon-DeCock, Alphonse**, Rue sud du Sablon, 36, Bruges—Samples hand-made lace, silk, thread, cotton, &c.

**CLASS 256—Bindings, Buttons, &c.**

46. **Thiroux & Son**, Rue des Boiteux, 10, Brussels—Buttons, metal, and material ladies' fringes and ornaments for dress.

**CLASS 261—Hats, Caps, Gloves, &c.**

47. **Dor, J. B. A.**, Rue des Harengs, 3 and 4, Brussels—Kid gloves for men and women.
48. **Lanssen-DeBal**, Rue du Nord, Roulers—Three-button gloves (Siege), (see Class 634).
49. **Ropsy, A., & Co.**, Rue du Marteau, 32, Brussels—Collection kid gloves, various qualities.

**CLASS 264—Laces.**

- 49A. **Lavalette, Adolph & Co.**, 14, Rue des Paroissiens, Brussels—Lace of different descriptions.

**CLASS 280—Firearms.**

50. **Dresse, Laloux & Co.**, Rue des Urbanistes, Liege—Twenty guns or carbines (hunting), 25 revolvers.

**CLASS 287—Surgical Instruments and Appliances.**

51. **Waersegers, Joseph**, Place Verte, 35, Antwerp—Artificial limbs, stays, bandages, orthopodic apparatus, &c.

**CLASS 292—Emery and Sandpaper, and Cloth, &c.**

52. **Dumortier, H. L.**, Chaussée de Haecht 89, Brussels—Different sorts and qualities of emery and glass paper, emery wheels, grain and powdered emery, &c.

**CLASS 293—Metal Hollowware.**

53. **Arens, Arnold**, Rue des Nerviens, 19, Antwerp—Vases, dishes, helmet, picture and glass hammered copper in repressed copper. (See Class 217).

**CLASS 294—Hardware used in Construction.**

54. **Societe Anonyme de la fabrique de boulons**, La Blanchisserie, Marcinelle—Bolts, clamps, rivets, rail fittings.
55. **Focroulle, C.**, Liege—Steel safety screws.

**DEPARTMENT III.****Education and Science.****CLASS 351—Elementary School Apparatus, &c.**

56. **Doyen, Eugene**, Head Teacher Beauvéchain—Calculating frame with moveable bells. This frame offering a specially easy method of calculating.
57. **Francis, Joseph**, Namur—Works upon measurement, &c.
58. **Frere Marianus** (Ant Arens), Principal of Christian Brothers at Alost—An arithmometer, complete course of writing and exercises for mental and written arithmetic.

**CLASS 356—Libraries.**

59. **Geelhand Kervyn, Alfred**, Member of the Provincial Council of Antwerp (Commissioner-General in Belgium for Adelaide Exhibition)—Special report on the Universal Exhibition of Antwerp, 1885, a study upon the Belgian emigration of 1886.

**CLASS 362—Optical and Thermotic Instruments and Apparatus.**

60. **Deny, J.**, Ghent—Dry plates for photographers.
61. **Koch, T. S.**, Antwerp—Optical goods.

**CLASS 364—Musical Instruments.**

62. **Deulin, Fr.**, Jumet—Window glass, glass for mirrors, &c.
63. **Senecaut, P.**, 82, Boulevard der Capucins, Malines—Cornets, bugles, trombones, French-horns, clarionettes, and saxophones.

**CLASS 380—Art and Industrial Exhibitions.**

64. **DeVriendt, Francois**, Rue du Casque, 24, Borgerhout—A scriptural representation in coloured plaster.

## DEPARTMENT V.

### Machinery.

**CLASS 565**—Locomotives, Models, Drawings, &c.

65. **La Metalurgique, Societe Anonyme de construction**, place de Louvain, Brussels—Plans of materials for railways, tramways, bridges, &c.

**CLASS 576**—Confectioners' Machinery.

66. **Joveneau, Arthur**, Tournai—Plan representing material of a chocolate manufactory. (See class 623.)

## DEPARTMENT VI.

### Agriculture.

**CLASS 619**—Flour—Crushed and Ground Cereals.

67. **Jonckheere-Lobelle**, Roulers—Chicory seed, chicory root, powdered and grain, in packets.

**CLASS 621**—Starch, Arrowroot, &c.

68. **Servais, G. J., & Co.**, Rue Jacobs, Antwerp—Rice starch in cardboard boxes and in grain.

**CLASS 623**—Bread, Biscuits, Chocolate, &c.

69. **Joveneau, Arthur**, Tournai—Chocolate in packets, from 1s. 3d. to 3s. 6d. per lb.; cocoa in powder, &c. (See class 576.)

70. **Pickery, Helene**, Marché aux Oeufs, 15, Bruges—Bruges sweet biscuits.

**CLASS 628**—Alcohols—Brandy, &c.

71. **Notermans, Joseph & Co.**, Hasselt—Geneva from grain, brandy, cherries in brandy. (See class 629.)

**CLASS 629**—Liqueurs, Cordials, &c.

72. **Masquelier, Edige**, Borgerhout, near Antwerp—Bonekamp bitters.

73. **Notermans, Joseph & Co.**, Hasselt—Liqueurs. (See Class 628.)

**CLASS 634**—Skins, Hides, &c.

74. **Lanssen de Bal**, Rue du Nord, Roulers—Prepared and unprepared skins for gloves

**CLASS 676**—Farm Buildings and Appurtenances.

75. **Van de Putte, Emile**, Rempart des Chaudronniers, 46, Ghent—Plan of farm, Flemish style; study of the farmer's dwelling.

**CLASS 715**—Horticultural Buildings, &c.

76. **Boucneau, L.**, Brussels—Garden plans.

77. **Marchand, A.**, Ghent—Architectural plan of hothouse, &c.

## DEPARTMENT VII.

### Horticulture and Floriculture.

**CLASS 719**—Ornamental Wirework, &c.

78. **Boulboulle Brothers**, Rue de la Petite Ourse, 61, Antwerp—Artificial fountain, no reservoir, natural pressure height attained two to ten yards; patented. (See Class 116.)

### Unenumerated.

79. **Huesebrouck, E.**, Bruges.—A frame containing flowers made with hair.

80. **Trefois, F. J.**, Charleroy—Drawing compasses, with movable points remaining verticle.

## BELGIAN ART EXHIBITS.

## CLASS 400—Figures and Groups in Stone, Metal, &amp;c.

1. **Brunin, Chas.**, 271, Rue Rogier, Brussels—  
 "A Souvenir of Venice"—Pigeons of St. Marc.  
 "The Lark's Song." ✓
2. **Comein, Polydore**, 47, Rue van Dyck, Brussels—  
 A bronze statuette—"Winter."  
 Do. "The Young Mother."  
 Do. "The Reproof."
3. **Fraikin, C. A.**, 182, Chaussee de Haecht, Brussels—  
 Marble statues—"A Mother."  
 Do. "Love Asleep."  
 Do. Bust of Venus,
4. **Lefever, Edmond Florimond**, 68, Rue Josaphat, Schaerbeck—  
 A bronze statue, "Cinderella."
5. **Van Beurden, Alphonse**, Professor of the Academy of Fine Arts, 11, Rue de la Corne, Antwerp—  
 Bronze group, "The Lesson."
6. **Van Biesbroeck, Louis Pierre**, Rue D'Egmont, Ghent—  
 Bronze bust, Bust of a Man,  
 Do. "Crescentia."
7. **The Late Jean Frs. Van den Kerckhove**, Rue du Progres, 224, Brussels—  
 A marble statue, "Isha."
8. **Van den Kerckhove, Godefroid**, Rue du Progres, Brussels—  
 "An Armourer of the Sixteenth Century." A reduction of the bronze statue for the Place du Petit Sablon, Brussels.
9. **Van Luppen, Frans**, Rue Doolhof, 5, Mersxem, Antwerp—  
 A marble bust, "Hope."  
 Do. "Joyous Innocence."
10. **Willems, Joseph**, Professor Academy of Fine Arts, 55, Leopold-square, Malines—  
 A bronze statuette, "Triboulet."

## CLASS 406—Paintings in Oil on Canvas, &amp;c.

11. **Andriaenssens, Ferdinand**, 112, Longue Rue Pothock, Antwerp—  
 Landscape, "Edge of a Wood."
12. **Albracht, Willem**, 98, Rue Carnot, Antwerp—  
 Picture, "The Picker."
13. **Baron, Theodore**, 237, St. Servais, Namur—  
 "Autumn's Evening Fogs" (Ardennes)  
 "Summer's Morning" (Ardennes)  
 "Summer in Brabant."  
 "Marine View in Flanders."
14. **Beernaert, Euphrosine**, 20, Rue du Buisson, Brussels—  
 View of Petersheim.  
 "Burcht," on the Scheldt.
15. **Bossuet, Francois Antoine**, (not for competition) 165, Rue Royale, Brussels—  
 "A View of the Tiber." (Rome)  
 "The Harbour of Iviza," in the Islands of Baleares.
16. **Boudry, Stanislas**, 98, Rue Carnot, Antwerp—  
 "Home in the Campine."
17. **Bource, Henry**, 19, Rue Montébello, Antwerp—  
 "The Fisherman's Daughter," Holland.
18. **Bourotte, Auguste**, 8, Rue du Téléscope, Brussels—  
 "A Scene of Divorce."  
 "A Poacher."
19. **Bullerkotten, Louis**, Eykerliet lez Puers, Antwerp—  
 "The Village Argentaui."
20. **Carabain, Jacques**, 54, Rue Vifquin, Brussels—  
 "The Fish Market at Genoa."
21. **Claus, Emile**, Astene, Flandre Orientale—  
 "A Sylph"  
 "Moonrise,"

22. **Cogen, Felix**, 31, Rue de la Charité, Brussels—  
 "Widows and Orphans," Holland.  
 "Fisherwomen," Holland.
23. **Dael, Auguste**, Chaussee de Courtrai, St. Guent—  
 "At Rest."
24. **De Beul, Henry**, 84, Rue de la Consolation, Schaerbeek, Brussels—  
 "A Shepherd at Rest."  
 "The Hallow-way."
25. **De Hemptine, Jane**, 10, Quai de Willebroeck, Brussels—  
 "Gladiola."  
 "Bouquet of Pinks."
26. **De Kegel, 24**, Rue de la Monnaie, Ghent—  
 "Oysters."  
 "Wedding Gifts."  
 "Chrysanthemums."
27. **Dell'Acqua, Cesare**, 83, Rue du Prince Royal, Brussels—  
 "Dalila."
28. **De Franès, Henry**, 25, Rue de la Charité—  
 "View of Couvin," Ardennes.
29. **Delpereé, Emile**, Rue Fabry, 35, Liège—  
 "At Prayer."
- De Prateré, Edmond**, 27, Rue du Champ de Mars, Brussels—  
 "Donkeys with Pack Saddles."  
 "Oxen at Pasture."
31. **de Villermont, Marie**, Couvin—  
 "The Willows."
32. **De Vriendt, Julien**, 38, Rue Delocht, Brussels—  
 "The Last Days of the Virgin at Jerusalem."
33. **Farasyn, Edgard**, 2, Rue Schull, Antwerp—  
 "Emigrants Embarking at Antwerp."  
 "Consolation."
34. **Gasparoli, Miss Mary**, 19, Rue van Maerlant, Brussels—  
 "Good Luck."
35. **Gerard, Joseph**, 46, Rue Dupont Schaerbeek, Brussels—  
 "Men of the Lake Cities."
36. **Gerard, Theodore**, 2, Rue Marie Christine, Laecken, Brussels—  
 "Compulsory Education."  
 "The Faithless."
37. **Godding, Emile**, 73, Rue des Nerviens, Antwerp—  
 "Cousin, they are listening."
38. **Hennebicq, Andre**, 1, Rue Lausane, St. Gilles, Brussels—  
 "Objects of Art at Auction."
39. **Herbo, Leon**, 28, Rue des Drapiers, Brussels—  
 "The Enchantress."
40. **Hoorickx, H. G. E.**, 85, Rue Hennin, Landscape, "The Downs," (Campini).
41. **Huysmans, J. B.**, 6, Rue d'Offemont, Paris—  
 "Conjuring at the Kalifat's Palace."
42. **Janssens, Jacques**, 15, Grand Place, Antwerp—  
 "In the Forest."
43. **Jeanne-Stroobant, Madame Marguerite**, 101, Rue de Hennin, Ixelles, Brussels—  
 "A Spring Harvest."
44. **Laumans, Miss Fanny**, 2, Rue Marie, Christine, Laeken, via Brussels—  
 "During the Artist's Absence."
45. **Meunier, Georgette**, 16, Rue Maes, Ixelles, Brussels—  
 "A Bouquet of Lilac."  
 "The Mandolin Player."
46. **Montigny, Jules Leon**, Tervueren, near Brussels—  
 "A Herd of Cows in the Ardennes."
47. **Ooms, Karel**, 52, Avenue Van Eyck, Antwerp—  
 "A Scene of Spanish Fury at Antwerp, 1576."
48. **Paulin, Matilda**, 229, Rue des Coteaux, Schaerbeek—  
 "Interior of Farmhouse."
49. **Plasky, E. J. B.**, 30, Rue d'Ecosse, St. Gilles, via Brussels—  
 "Marsh" (autumn in the Campini).  
 "Autumn in Rainy Weather."
50. **Plumot, Andre**, Rue des Nerviens, 34 Antwerp—  
 "Shoing Smith."  
 "The Hollow Way."

51. **Portaels, Jean**, 25, Rue de la Charité, Brussels—  
"The Flower Girl of Trieste."
52. **Raeymaekers, Jules**, Houffalize (not for competition).  
"The Field Life in the Ardennes"
53. **Rul, Henry**, 97, Chaussée de Breda, Merxem, Antwerp—  
"The Pond—Evening."
54. **Ryssens de Lauw, 39**, Rue du Péage, Antwerp—  
(1) "Still Life."  
(2) "Still Life."
55. **Seeldrayers, Emile**, 9, Rue du Marteau, Brussels—  
"Instruction at the Veterinary School, Brussels."
56. **Simons, J. F.**, Brasschaat, via Antwerp—  
"The Winner of the Race for Oxen."  
"Cornflowers."
57. **Slingeneyer, Ernest**, 93, Rue du Commerce, Brussels (Chairman of the Belgian Fine Arts Committee, A.J.I.E.)—  
"A Flemish Interior."  
"Waiting."
58. **Soubre, Charles**, 14, Rue des Augustins, Liège—  
"The Convalescent."
59. **Struys, Alexandre**, 57, Boulevard des Arbalétriers, Malines—  
"Deception."
60. **Triest, Miss Camilla**, 21, Rue Geefs, Brussels—  
"Spring Flowers."  
"The Lilacs."
61. **Tschaggeny, Charles**, 1, Rue de l'Abondance, Brussels—  
A Ploughman at Rest.  
A picture of a Stallion.
62. **Van Acker, F. M.**, 60, Quai de la Portière, Bruges—  
A Woman Cutting Cabbages.  
Also see Class 407.
63. **Van Damme, F.**, 20, Rue Rogier, Brussels—  
A Landscape in Flanders.
64. **Van Damme-Sylva, E.**, 56, Rue Vander Linden, Brussels—  
A pasturage at Willemsdorp, Holland.
65. **Van der Meulen, Edmond**, 15, Rue de la Buanderie, Brussels—  
"Two Friends."  
Bloodhound and Yorkshire Terrier.
66. **Vanden Bussche**, 247, Rue Rogier Brussels—  
"Youth."
67. **Van Engelen, Louis**, 5, Place Conscience, Antwerp—  
"The Fencing Lesson."
68. **Van Kensbilck, Jules**, 59, Rue Wiestz, Ixelles, Brussels—  
"Country Love."  
"Entering a Gondola."
69. **Van Lemputten, Corneille**, 48, Rue Albert de la Tour, Schaerbeek, Brussels—  
"April Morning."  
Sheep.
70. **Van Lemputten, Frans**, 52, Rue van der Linden, Brussels North—  
The Wharf at Doel, Holland.
71. **Van Luppen, Joseph**, 50, Rue de la Provence, Sud Antwerp—  
View near Dinant.  
View near Modare.
72. **Van Seben, Henry**, 107, Rue Goffart, Ixelles, Brussels—  
"In the Forest."  
"The Schoolboys."
73. **Van Severdonck, Joseph**, 26, Rue du Progrès, Brussels—  
Scene, "Hunting."
74. **Van Snick, Joseph**, Nieukerken, Waas—  
"A Forced Sale."
75. **Van Soom, Hippolyte**, 52, Rue de la Province, Antwerp—  
A Waterfall in Norway.  
Views in the Neighbourhood of Bergen.
76. **Verstraete, Theodore**, 34, Rue du Vanneau, Antwerp—  
A Summer Evening.  
A Farmyard.
77. **Wulfaerd, Hippolyte**, 2, Rue de l'Espianade, Brussels—  
Musicians Travelling (Naples).  
Water Carriers (Venice).

**Glass Paintings—Windows,**

78. **Zandig, William**, 22, Rue de Cologne, Brussels—

“The Golden Spurs.”

A Bouquet of Roses.

“A Biblical Subject.”

**CLASS 407—Water-Colour Pictures, &c.**

79. **Stacquet, Henry**, 45, Rue des Palais, Brussels—

A Winter Scene.

A Landscape at Calevoet.

80. **Titz, Louis**, 9, Place Fontaines, Brussels—

Place Royal, Brussels.

A corner of the Grand Place, Brussels, by electric light.

81. **Uttenschaut, Victor**, 54, Rue de Stassert, Ixelles, Brussels—

Interior of a Wood near Brussels.

A View near Bouillon (Ardennes).

82. **Van Acker, F. M.**, Quai de la Poterie, 60, Bruges—

“Childish Joys.”

A Potato-Cleaner.

A View of Bruges.

See Class 406.

**CLASS 411—Engravings from Steel, Copper, Stone, &c.**

83. **Danse, A. M.**, Rue des Cinq Visages, Mons—

A Monk at Prayer (after Memling).

A Portrait of Sarah Bernhardt (after Lepage).

An Etching of Rubens, by himself.

The Horseman (after T. Hals).

Sunset (after Den Duyts).

A Frame with three Etchings.

A Bull's Head (after Vervee).

A Frame with Portraits from Nature.

84. **Greuse, L. J.**, 4, Rue des Cinq Visages, Mons—

A Portrait of the Wife of Moreel (after Memling).

**Royal Belgian Commission—**

A Bust of Leopold II., King of the Belgians.

A Bust of the Queen of the Belgians.

A Portrait of Leopold I. (after Winterhalter).

A Portrait of Leopold II., by Portielje.

**CLASS 415—Photographs.**

86. **La Metallurgique**, Brussels—Frames with photographs, albums, &c.

87. **Marchand, Achille**, Rue Courte des Pierres, 8, Ghent—Plan of private house to be erected on corner of Boulevard (see Class 720).

**CLASS 420—Ecclesiastical Designs.**

88. **Tulpinck, Desire**, Rue Wallonne, Bruges—A picture on canvas representing Christ placed in the tomb.

# GERMAN EXHIBITS.

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## DEPARTMENT I.

### *Mining, Metallurgy, and their Products.*

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#### CLASS 111—Lithographic Stones, &c.

1. Piezer, Cristoff, Schweinfurt—Grind-stones.

#### CLASS 112—Mineral Waters, &c.

2. Harzer, Sauerbrunnen, Granhop, near Goslar—Mineral water.
  3. Oberhofer & Co., Palzel bei Treer—Mineral waters in bottles and jugs.
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## DEPARTMENT II.

### *Manufactures.*

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#### CLASS 200—Chemicals, &c.

4. Byk, Heinrich, Berlin—Chemical preparations.

#### CLASS 201—Oils, Soap, and Detergent Preparations, &c.

5. Dobbethy, John, Berlin—Perfumes, toilet soaps, smelling salts, &c.

#### CLASS 205—Pyrotechnics, for Display, Signalling, &c.

6. Ruffer, P. S., Charlottenburg—Fire kindling material.

#### CLASS 206—Bricks, Drain Tiles, Terra-cotta, &c.

7. Heldebrandt, Ch., Grafmoda, Thuringia—Terra-cotta goods.

#### CLASS 208—Tiles.

8. Mosaic Platten Actien, Sinzig-on-Rhine—Mosaic tiles.

#### CLASS 213—Porcelain, China, &c.

9. Wolfschn, Helena, Dresden—Artistic china.

#### CLASS 216—Glassware.

10. Wittorf, A., Ottensen, Hamburg—Glassware, &c.

#### CLASS 276—Small Arms, Guns, &c.

11. Wolff & Son, Walrode, Hanover—Empty powder kegs and flasks, imitation powder.

#### CLASS 221—Nursery Furniture, &c.

12. Muller, Friche, Sonneberg—Toys.
13. Sourhammer, Ph., Sonneberg—Dolls.

#### CLASS 227—Bathroom Requisites, &c.

14. Vinause, W., & Co., Neusley, near Oder—Baths, tubs.

**CLASS 231—Yarns, &c.**

15. **Henkels, A. & E.**, Longerfeld, Prussia—Laces.

**CLASS 268—Stationery, &c.**

16. **Elsas, Frederick, Jun.**, Bormen—Variegated papers.  
 17. **Faber, Johann**, Nuremberg, Bavaria—Lead and coloured pencils, stationers' articles.  
 18. **Gebruder, Spear**, Fürth, Bavaria—Lead pencils.

**CLASS 272—Printing and Writing Inks, &c.**

19. **Fromann & Marian**, Darmstadt—Playing cards.

**CLASS 254—Crapes, Velvets, Plushes, &c.**

20. **Tendrils, J. T., & Son**, Kulmbach—Plushes.

**CLASS 259—Ready-Made Clothing, &c.**

21. **Horstmann, Richard**, Berlin—Shirts, collars, corsets, hosiery.

**CLASS 260—Ladies' Mantles, Costumes, &c.**

22. **Loeblich & Josephson, Gero**—Ladies' wearing apparel.  
 23. **Winner, Wilhelm**, Göppenger—Corset fastenings and springs.

**CLASS 261—Hats, Caps, &c.**

24. **Moi, S. & M.**, Frankfort-on-Maine—Straw hats.

**CLASS 262—Boots, Shoes, &c.**

25. **Herz, Otto, & Co.**, Frankfort-on-the-Maine—Fine boots and shoes.

**CLASS 264—Artificial Flowers, Coiffures, &c.**

26. **Kallmon & Co.**, Barmen—Cloth and metal buttons.

**CLASS 287—Surgical Instruments, &c.**

27. **Hersel & Zum, Felde**, Hamburg—Surgical instruments.  
 28. **Hoffman, J. G.**, Berlin—Surgical bandages.

**CLASS 290—Hand Tools and Instruments.**

29. **Dunker, J. W.**, Werdohl, Westphalia—Tools.

**CLASS 291—Cutlery.**

30. **Guge & Harbeck**, Hamburg—Table cutlery.  
 31. **Uhliger, Carl**, Solingen—Knives and scissors.  
 32. **Weber, Wilhelm**, Hamburg—Knives and arms.  
 33. **Mimmenhoff & Lugemann**, Bochum—Files.

**CLASS 293—Metal Holloware, Ornamental Castings.**

34. **Zieger, T. G.**, Ronwein—Ironware.  
 35. **Drinler & Scithold**, Berlin—Metal and bronzeware.

**CLASS 296—Wirework.**

36. **Bonten, H. & F.**, 5, Laurence Pountney-hill, London. Sole agents for the colonies of the "Triangular sword Steel Fencing Wire," of unexceptional quality and strength; owing to its greater length by far the most economical wire in the market. Barbed Steel Fencing Wire offers larger surface, is effective without injuring cattle, combines strength and cheapness. Steel Grooved Wire Nails, plain and notched, may be obtained through leading importers.

Registered Trade Mark; also "Ram Brand."



- 36A. **Schmidt Bros.**, Hagen—Patent barbed fence-wire, triangular steel.

**CLASS 297—Indiarubber Goods and Manufactures.**

37. **Hanover Rubber Works**, Linder—Rubber goods, balls, &c.  
 38. **Morx, Julius, Heine, & Co.**, Leipsic—Indiarubber goods.

**CLASS 298—Brushes.**

39. **Dukos, D. T.**, Baden—Brushes in all varieties.

**CLASS 299—Ropes, Cordage.**

40. **Voss, Johannes**, Hamburg—Ropes, cocoa fibre, Manila hemp.

*DEPARTMENT III.*  
*Education and Science.*

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| <p><b>CLASS 357—School and Textbooks, &amp;c.</b></p> <p>41. Union Journal for Export Trade, Berlin—Periodicals.</p> <p><b>CLASS 361—Chronometric Apparatus—Chronographs.</b></p> <p>42. Hetzel, L., Anholt—Clocks.</p> <p><b>CLASS 364—Musical Instruments, &amp;c.</b></p> <p>43. Darner, F., &amp; Sohn, Stuttgart—Iron upright grand piano; small model.</p> <p>44. Fehrmann, R., Berlin—Musical instruments.</p> | <p>45. Gunther &amp; Sohn, Kircheln, Teck—Grand pianoforte, cottage piano.</p> <p>46. Heilbrunner, H., &amp; Son, Erfurt—Drums and tambourines.</p> <p>47. Lipp, Richard, &amp; Son, Stuttgart—Pianos.</p> <p>48. Oehler, C., Stuttgart—Grand piano, pianoforte.</p> <p>49. Schiedmeyer &amp; Son, Stuttgart—Horizontal grand piano, cottage pianoforte, &amp;c.</p> <p>50. Schmidt, Carl, Berlin—Pianos.</p> <p>51. Thurmer, Ferdinand, Meissen, Germany—Pianos.</p> <p>52. Vogel, J. G., &amp; Son, Plonen, Saxony—Grand piano, upright pianos.</p> <p>53. Weidenslaufer, Th., Berlin—Piano.</p> |
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*DEPARTMENT VI.*

*Agriculture.*

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| <p><b>CLASS 614—Tobacco, Hops, &amp;c.</b></p> <p>54. Teckendorf, Le Vino, &amp; Co., Nuremberg, Bavaria—Hops.</p> <p><b>CLASS 623—Bread, Biscuits, &amp;c.</b></p> <p>55. Lobeck &amp; Co., Dresden—Maccaroni, chocolate, cocoa, &amp;c.</p> <p>56. Stollverk, Gebruder, Cologne—Chocolate, cocoa, sweetmeats.</p> <p><b>CLASS 625—Wine, the Produce of the Grape.</b></p> <p>57. Deutsche Wein Gesellschaft, Cologne-on-Rhine—Moselle and Rhine wines, hock, champagne.</p> <p>58. German Wine Co., Rheinberg, Cologne—Hock, sparkling wine, punch, champagne.</p> <p>59. Pabstmann, G. M., &amp; Sohn, Mayence—German still wines.</p> <p><b>CLASS 626—Ale, Porter, &amp;c.</b></p> <p>60. Bruner Actier Brouerei, Kreuzberg—Lager beer in bottles.</p> <p>61. Fleusberg Actier Bire Brouwerri, Fleusberg—Pyramid of lager beer.</p> <p>62. Hammonia Brouerei, Hamburg—Beer in bottles.</p> <p>63. Kolnische Malts Extract Fabrik, Cologne—Malt extract.</p> | <p>64. Nereins Brouerei, Bergedorf, near Hamburg—Beer in bottles.</p> <p>65. Schwensen &amp; Fehrs, Kiel, Germany—Lager and pilsen beer.</p> <p><b>CLASS 629—Liqueurs, Cordials, &amp;c.</b></p> <p>66. Bunc, T., Posen—Bitters.</p> <p>67. Meinhard, Dr. Teodor, Hamburg—Bolivar bitters.</p> <p>68. Naumann, Franz, Delitoeets, Germany—Liqueurs and confections.</p> <p>69. Prank, Alexander, Cologne and Düsseldorf—Liqueurs and essences.</p> <p>70. Stibbe, Hermann, Cologne—Liqueurs, syrups, bitters.</p> <p><b>CLASS 633—Honey, Gelatine, &amp;c.</b></p> <p>71. Gelatine Fabrik, Winterthur—Gelatine.</p> <p><b>CLASS 671—Machines Applicable to Farm Economy.</b></p> <p>72. Krause, W., &amp; Co., Neusby, near Oder—Meat-chopping machine.</p> <p style="text-align: center;"><b>UNENUMERATED.</b></p> <p>73. Kirchner &amp; Seeber, Roda bei Ilmen.</p> <p>74. Peartree &amp; Co., Berlin.</p> |
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# FRENCH EXHIBITS.

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## DEPARTMENT II.

### Manufactures.

CLASS 204—Flavouring Extracts,  
Essences, Perfumery, Pomades,  
Cosmetics.

1. Warwick Freres, Grasse Alp Maritime,  
France—Raw materials for perfumes.

2. Chamber of Commerce, Limoges—  
Collective exhibit: China, plain and orna-  
mental, marble chimney-pieces, counter-  
panes, hardware and ironmongery, boots,  
shoes, &c., straw papers, prepared rabbit  
skins, laces, &c.

## DEPARTMENT IV.

### Art.

CLASS 406—Paintings in Oil, on  
canvas, panels, ivory, glass, terra  
cotta, &c.

3. Huyman, Jean Baptiste, Paris—Oil  
painting, Oriental scenery.

## DEPARTMENT V.

### Machinery.

CLASS 589—Models or Drawings of  
Steamships, Steamboats, and all  
Vessels Propelled by Steam, or  
other motive power.

4. Campagnie des Messageries Mari-  
time, Paris—Model of steamer.

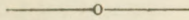
## DEPARTMENT VI.

### Agriculture.

CLASS 625—Wine, the produce of  
the Grape.

5. Nicholas, Chas., Constantine, Algeria—  
Red wine, white wine, grain, tobacco.

# ITALIAN EXHIBITS.



## DEPARTMENT IV.

### Art.

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**CLASS 400—Figures and Groups in Stone, &c.**

1. **Andreoni, G.**, Pisa, Italy—Statues in Carrara marble.
2. **Andreoni, O.**, Rome—Statues in bronze and marble.
3. **Coloronti, Liugi**, Rome—Group in Carrara marble.
4. **Cecchini**, Venice—Statuary.
5. **Rondoni, Allesandro**, Rome—Statues in marble and bronze.
6. **Rozzetti, Giovanni**, Rome—Groups in marble.
7. **Sanguinetti, A.**, Rome—Group Carrara marble.

**CLASS 404—Cameos, Intaglios, &c.**

8. **De Felice Publico**, Rome—Cameos, intaglios, &c., mounted and unmounted.
9. **Negri, Ottavio**, Rome — Goldwork, jewellery.

**CLASS 406—Paintings in Oil.**

10. **Pennochini, Domenico**, Rome—Water and oil paintings.
  11. **Corelli, A.**, Rome—Paintings in oil and water colours.
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ITALIAN EXHIBITS.  
*SWEDISH EXHIBITS.*

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*DEPARTMENT II.*

*Manufactures.*

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**CLASS 203—Paints, Pigments, &c.**

1. Legerlind, G., Holmsted, Sweden—  
Blacking.
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*DEPARTMENT VI.*

*Agriculture.*

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**CLASS 672—Dairy Fittings and  
Appliances.**

2. Cream Separator Co., Stockholm,  
Sweden—Cream separators.
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# DANISH EXHIBITS.

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## DEPARTMENT II.

### *Manufactures.*

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#### CLASS 240—Wool Fabrics.

1. Madsens, F. C., & Co., Horsens—Woven and coloured woollen goods.

#### CLASS 306—Carriage and Horse Furniture.

2. Kjobenhasen Hesherkbrk, Copenhagen—Machine-made horseshoes.
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# SWISS EXHIBITS.

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## DEPARTMENT II.

### *Manufactures.*

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#### CLASS 205a—Tobacco (Manufactured), Cigars, &c.

1. Taverney, F., & Co., Vevey—Cigars.

# TURKISH EXHIBITS.

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## DEPARTMENT II.

### *Manufactures.*

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**CLASS 429—Miscellaneous Objects  
of Art.**

1. Aboujabere, Jean, & Co., Bethlehem  
—Turkish carpets ; articles in bronze, wood,  
and shell.
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# INDIAN EXHIBITS.

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## DEPARTMENT VI.

### *Agriculture.*

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**CLASS 614—Tobacco, Hops, Tea,  
Spices, &c.**

1. Nordramjee, Framjee, Bombay—In-  
dian condiments.

## MALTESE EXHIBITS.

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### DEPARTMENT II.

#### *Manufactures.*

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##### CLASS 231—Laces, &c.

1. **Borg, Michael,** Valetta—Maltese lace and jewellery.
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## HOLLAND EXHIBITS.

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### DEPARTMENT VI.

#### *Agriculture.*

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##### CLASS 628—Spirits, &c.

1. **Henkes, F. H.,** Rotterdam—Genevas and schmapps in cases.

##### CLASS 673—Iron Manufactures, &c.

2. **Schmidt Brothers,** The Hague—Steel fencing wire, nails, &c.

# UNITED STATES EXHIBITS.

## DEPARTMENT II.

### Manufactures.

#### CLASS 201—Oils, Soap, and Detergent Preparations, &c.

1. **Borne, Scrymser, & Co.**, 324, Front-street, New York—Mineral and lubricating oils, products of petroleum.
2. **Frozer Lubricator Co.**, 75, Murray-street, New York—Axle grease and lubricating oils.

#### CLASS 204—Flavouring Extracts, Essences, Perfumery, Pomades, Cosmetics.

3. **Lozell, Dalley, & Co.**, 90, Maiden-lane, New York—American perfumes.

#### CLASS 223—Apparatus, &c.

4. **Baldwin Refrigerator Co.**, New York, United States—Refrigerators, ice-making machines.
5. **Fischer Cooking & Heating Apparatus Co.**, Cincinnati, Ohio—Cooking and heating apparatus.
6. **Rathbone, Gard, & Co.**, Albany, New York—Stoves.

#### CLASS 228—Manufactured Parts of Buildings.

7. **Miller Lock Co.**, Philadelphia—Locks and door furniture.

#### CLASS 283—Medicines.

8. **Ayer, J. C., Company**, Lowell, Mass.—Medical preparations.
9. **Seabury & Johnson**, 21, Platt-street, New York—Medicinal and surgical plasters, antiseptic dressings, &c.

#### CLASS 290—Hand Tools and Instruments.

10. **Cheney Hammer Co.**, Little Falls, New York—Tools and hammers.
11. **Hendey Machine Co.**, Torrington, Conn.—Mechanical tools.
12. **Standard Handle Co.**, Knoxville—handles.
13. **Turner, Day, & Woolnutt**, Louisville, Kentucky—Handles.

#### CLASS 305—Vehicles for Movement of Goods.

14. **Jackson Manufacturing Co.**, Harrisburg, Pa.—Wheelbarrow.

#### CLASS 306—Carriage and Horse Furniture, &c.

15. **Dann Bros. & Co.**, New Haven, Conn.—Carriage woodwork.

#### CLASS 364—Musical Instruments, &c.

16. **Smith American Organ Co.**, Boston, Mass.—American organs.
17. **Whitney Organ Co.**, Detroit, Mich.—Organs.

## DEPARTMENT V.

*Machinery.*

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| <p><b>CLASS 533—Machines for Sewing and Knitting, &amp;c.</b></p> <p>18. <b>White Sewing Machine Co.</b>, Cleveland, Ohio—Sewing machines.</p> <p>19. <b>Davis Sewing Machine Co.</b>, Watertown—Sewing machines and appliances.</p> | <p><b>CLASS 568—Wheels, Tires, Axles, &amp;c.</b></p> <p>22. <b>Griffin, Thos. F., &amp; Sons</b>, Buffalo, New York—Iron car wheels.</p> <p>23. <b>Ives &amp; Miller</b>, United States—Axles.</p> |
| <p><b>CLASS 537.—Machines for Cleaning, Scouring, &amp;c.</b></p> <p>19A. <b>Horton Manufacturing Co.</b>, Fort Wayne, Indiana, America — “Western Monarch” washing machine.</p>   | <p><b>CLASS 580—Machines for Preparing Agricultural Products.</b></p> <p>24. <b>Bell, Wm. G., &amp; Co.</b>, Boston, Mass.—Meat covers.</p>   |
| <p><b>CLASS 551—Windmills, &amp;c.</b></p> <p>20. <b>Mast, Foss, &amp; Co.</b>, Springfield, Ohio—Wind engines.</p> <p>21. <b>U.S. Wind Engine and Pump Co.</b>, Batavia, New York—Windmills and pumps.</p>                          | <p><b>CLASS 588—Boats, Sailing Vessels, &amp;c.</b></p> <p>25. <b>Radix Manufacturing Co.</b>, New York—Patent folding centre boards for small boats.</p>   |

## DEPARTMENT VI.

*Agriculture.*

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| <p><b>CLASS 667—Tillage Implements Machinery, &amp;c.</b></p> <p>26. <b>Allen, S. L., &amp; Co.</b>, Philadelphia, Pa.—Garden drills and ploughs.</p> <p>27. <b>Moline Plough Co.</b>, Moline, United States—Agricultural machines, ploughs.</p> | <p>32. <b>Dunn Edge Tool Co.</b>, Oakland, Maine—Scythes, hay knives, &amp;c.</p> <p>33. <b>Hatt, Hiram, &amp; Co.</b>, East Hilton, Maine—Hay knives.</p> <p>34. <b>McCormick Reaper and Binder Co.</b>, Chicago—Reaping and binding machines.</p>                                     |
| <p><b>CLASS 668—Planting Implements and Machinery.</b></p> <p>28. <b>Freeman, S., &amp; Sons</b>, Racine, Wisconsin—Sowers, fanning mills, &amp;c.</p> <p>29. <b>Goshen, Sweeper, &amp; Co.</b>, United States—Broadcast seed-sower.</p>         | <p>35. <b>Wood, W. A.</b>, Hoosick Falls, New York—Mining and reaping machines.</p> <p>35A. <b>Aultman, Miller, &amp; Co.</b>, Ohio, U.S.A.—Twine binder, Buckeye mower. J. G. Ramsay &amp; Co., Currie-street, sole agents for South Australia.</p>                                    |
| <p><b>CLASS 669—Harvesting Implements and Machinery.</b></p> <p>30. <b>Blair Manufacturing Co.</b>, Springfield, Mass.—Lawn mower.</p> <p>31. <b>Dickey &amp; Pease Manufacturing Co.</b>, Racine, Wisconsin—Grain separator, fanning mills.</p> | <p><b>CLASS 673—Appliances for Laying out and Improving Farms, &amp;c.</b></p> <p>36. <b>Rogers Fence Co.</b>, Springfield, Ohio—Iron fence.</p> <p><b>CLASS 672—Dairy Fittings and Appliances.</b></p> <p>37. <b>Vermont Farm Machine Co.</b>, Belows Falls, Vt.—Dairy implements.</p> |

# CANADIAN EXHIBITS.

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## DEPARTMENT I.

### *Mining, Metallurgy, and other Products.*

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#### CLASS 114—Iron and Steel in the Pig, &c.

1. Taylor, J. & J., Toronto — Fire and  
burglar-proof safes.
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## DEPARTMENT II.

### *Manufactures.*

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#### CLASS 204—Flavouring Extracts, Essences, &c.

2. Symon & Sons, Montreal—Drugs, oils,  
and perfumery.

#### CLASS 260—Ladies' Underclothing, &c.

3. Crompton Corset Co., Toronto, Canada  
—Caroline corsets.

#### CLASS 303—Pleasure Carriages, &c.

4. Armstrong, J. B., Manufacturing Co.,  
Guelph, Canada—Carriages and carriage  
furnishing.

#### CLASS 306—Carriage and Horse Furniture, &c.

5. Pinder, Jos., & Co., St. John's, New  
Brunswick—Horseshoe nails.
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## DEPARTMENT III.

### *Education and Science.*

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#### CLASS 364—Musical Instruments, &c.

6. Bell, W., & Co., Guelph, Ontario, Canada  
—American organs.
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## DEPARTMENT VI.

### *Agriculture.*

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#### CLASS 667—Tillage Implements and Machinery.

7. Halifax Manufacturing Co., Halifax,  
Nova Scotia—Shovels, spades, scoops.

## JOHORE.

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The State and Territory of Johore is situated at the extremity of the Malay Peninsula. It includes the province of Moar and several islands in the Straits of Malacca and off its east coast. It is bounded by the British colony of Malacca and the native State of Pahang on the north, by the Straits of Malacca on the west, by the China Sea on the east, and by Salat Yubrow, or the old Straits of Singapore, on the south, through which the old East India Company's ships used to pass before Singapore was established. This flourishing settlement is distant fifteen miles.

An early navigator writing in 1639 describes it as "Johor ; the utmost point of the land of the demi-isle, called by the ancients Aurea Chersonesus, reaching to the Straits of Sincapura."

Its area is about 10,000 square miles, and its population consists of about 50,000 Malays and upwards of 100,000 Chinese, and a few Europeans.

The chief town is Johore Baru, founded by the present enlightened ruler. The houses are mostly of brick and tile, and contains 5,000 inhabitants. The population is steadily increasing. Under the mild but firm Government of the Sultan peace and prosperity reign. The soil is well adapted for all tropical plants. It is, like Singapore, a free port.

His Highness has visited Europe three times. On his last visit he assumed his ancient title of Sultan, which was recognised by Her Majesty the Queen.

Johore being so close to Singapore cannot fail to be a place of great importance ere long, particularly if the railway so long contemplated is pushed through the territory. The forests contain vast wealth in timber, and tin is wrought. Gold has been got on the Malay Peninsula from time immemorial. The late Sir Roderick Murchison gave it as his opinion that gold and tin would be found in Australia some time before it actually was found. He believed that the tin and gold-bearing strata trended from the Malay Peninsula down south to Australia.

The great product of Johore is gambier and black pepper, and it may be remembered that it was in Johore that gutta-percha was first discovered—just at the moment that such a substance was required for covering the deep-sea telegraph cables.

Should the railway from Adelaide to Port Darwin be constructed, Singapore and Johore would be within six days' steaming.

## JOHORE EXHIBITS.

**His Highness Abu Bakar**, Sovereign Ruler of the State and Territory of Johore and its Dependencies, G.C.M.G., K.C.S.I., &c., &c., sends the undernoted exhibits. The whole of them are given to the South Australian Government:—

1. Granite.
2. Laterite.
3. Clay, red.
4. " white.
5. " black.
6. Bricks.
7. Shells.
8. Coral.
9. Rattan rope.
10. Serangs silk and cotton.
11. Mats.
12. Kadjang.
13. Attap.
14. Malay bajaw (jacket), salner (trousers), dustar (cap).
15. Calum (pen).
16. Resou (knife).
17. Billyengs (axes.)
18. Spears.
19. Sumpitan.
20. Kriss.
21. Tahats (chisels).
22. Basketwork.
23. Malay schoolbooks.
24. Map of Territory of Johore.
25. Weights.
26. Measures.
27. Musical instruments.
28. Model Malay dwelling-house.
29. Model Malay prahu.
30. Photographs of Johore.
31. Crayon portrait of H.H. the Sultan of Johore, by T. Knott, Edinburgh.
32. Loom for weaving cloth.
33. Timber—Specimens of 406 different kinds suitable for every purpose to which wood may be applied.
34. Bark.

35. Seeds.
36. Planks.
37. Sleepers.
38. Gum dammar, oil.
39. Tapioca flour.
40. Sago flour.
41. Rice.
42. Lalang grass.
43. Coffee, cocoa.
44. Tea.
45. Pineapple fibre.
46. Rami rope.
47. Beeswax.
48. Tiger skin, female, killed a Chinaman.
49. Python skin, 23 feet long.
50. Horns.
51. Elephants' tusks.
52. Alligator hook.
53. Gambier—the staple product of Johore.
54. Black pepper—largely cultivated in Johore.
55. Malay medicines.
56. Coins current in Johore.

**Paterson, Simons, & Co., Messrs.,** of Singapore and 39, Lime-street, E.C., London—

1. Specimens of gutta percha, various qualities.
2. Specimens of gum dammar.
3. Specimens of rattans.

**Bastiana, Mr. Joseph—**

1. Specimens of preserved pineapples.
2. Specimens of preserved tropical fruits.

Mr. Bastiani was the first to introduce this industry into Singapore.

**Larkins, M.,** of Castlewood—

1. Sample of tea grown in Johore.

# SUPPLEMENTARY LIST OF EXHIBITS.

## GREAT BRITAIN.

### DEPARTMENT I.—Mining, Metallurgy, and their Products.

#### CLASS 108—Cements.

618. **Stewart, R. M.**, 27, Jamieson-street,  
Sydney, N.S.W.—Portland cement, &c.

### DEPARTMENT II.—Manufactures.

#### CLASS 200—Chemicals, Pharmaceutical Preparations.

619. **Calvert, F. C., & Co.**, Manchester, England—Carbolic acid and preparations of same.
620. **Greenbank Alkali Company**, St. Helen's, Lancaster, England—Caustic soda, potash, refined pearl ashes, &c.
621. **Morris, Little, & Son**, Doncaster, England—Little's non-poisonous sheep dip, Little's soluble phenyle, (disinfectant), and Little's disinfecting powder.

#### CLASS 203—Paints, Pigments, &c.

622. **Taylor, W., Jun., & Co.**, London—Paints and oils.

#### CLASS 204—Flavouring Extracts, Perfumery, &c.

623. **Biggleston, Edwin**, 11, Mercery-lane, Canterbury, England—Perfumery.

#### CLASS 213—Porcelain, China, and Earthenware, &c.

624. **Bodley, E. J. T.**, London—Chinaware.
625. **Goss, W. H.**, Stoke-on-Trent, England—Porcelain and chinaware.
626. **Gulike, Paul**, 338, Kent-street, Sydney, N.S.W.—porcelain statues, busts, and flower-holders.

#### CLASS 221—The Nursery and its Accessories.

627. **Campbell, Guthridge, & Co.**, 13, William-street, Melbourne—Children's carriage furniture, chairs.

#### CLASS 224—Apparatus for Lighting.

628. **Rhodes, W. & T.**, Rundle-street, Adelaide—Lamps manufactured by Rowatt and Co., Birmingham.

#### CLASS 225—Kitchen and Pantry Utensils, Tinware, &c.

629. **Tin-Plate Decorating Co., Limited**, 4, Cullum-street, London—Tin plates, decorated tin plates, and decorated tinware.

#### CLASS 231—Cotton Yarns, &c.

630. **Lipman & Co.**, Dundee, Scotland—Tent ducks and sailcloths.

#### CLASS 236—Linen Fabrics, &c.

631. **Lipman & Co.**, Dundee, Scotland—Linen goods.

#### CLASS 237—Manufactures from Jute.

632. **Lipman & Co.**, Dundee, Scotland—Jute carpets and goods.

#### CLASS 240—Wool Fabrics, &c.

633. **Archibald, J. & R.**, Devonvale Tilli-coultry, Scotland—Scotch tweeds.

#### CLASS 259—Ready-made Clothing, &c.

634. **Tillie & Henderson**, Glasgow and London—Glass showcases of shirts.

## CLASS 269—Writing Paper, Envelopes, &amp;c.

635. **Cowan & Co.**, 38, West Register-street, Edinburgh—Papers, envelopes, and stationery.

## CLASS 293—Metal Holloware, &amp;c.

636. **Gutike, Paul**, 338, Kent-street, Sydney, N.S.W.—Pressed wrought-iron spear-heads and ornaments.

## CLASS 294—Hardware used in Construction.

637. **Harris, G. P., Scarfe, & Co.**, Gawler-place, Adelaide—Hardware; stoves, fenders, &c.

## CLASS 296—Wirework.

638. **Orr, William**, Glasgow, Scotland—Wire fence.

## DEPARTMENT III.—Education and Science.

## CLASS 350—Elementary Instruction.

639. **Meyers, A. N., & Co.**, Berners-street, Oxford-street, London—Kindergarten articles and toys combining instruction and amusement.

## CLASS 351—Elementary Schools, &amp;c.

640. **Myers, A. N., & Co.**, Berners-street, Oxford-street, London—Educational publications and appliances.

## CLASS 353—Professional and Technical Schools, &amp;c.

641. **Pitman, Eizak**, Phonetic Institute, Bath, England—Phonographic books, charts, &c., and specimens of shorthand writing.

## CLASS 360—Weights, &amp;c.

642. **Australasian Automatic Weighing Machine Co.**, 7, Eastcheap, London, and Salisbury Buildings, Bourke-street, Melbourne—Automatic strength-testing machine.

## CLASS 362—Optical and Thermotic Instruments, &amp;c.

643. **Anderson, Wm.**, 4, Warrimer Gardens, Battersea Park, London, S.W.—Graphoscopes, stereoscopes, microscopes, polaroscopes, and spectacles.

## CLASS 363—Telegraph Instruments and Methods.

644. **Indiarubber, Guttapercha, and Telegraph Works Co., Limited**, Silvertown, London—Submarine and other cables; also wires, insulated.

644A. **Indiarubber Guttapercha and Telegraph Works Co., Limited**, 106, Cannon-street, London, E.C.—Samples of sub-marine telegraph cable.

## CLASS 364—Musical Instruments and Acoustic Apparatus.

645. **Cary, Alphonso**, Newbury, England—Violin chin rests, violin cases, and violin fittings.

646. **Higham, Jos.**, 127, Strangeways, Manchester—Musical instruments.

647. **Wallis, Joseph, & Son**, 135, Euston-road, London—Miscellaneous musical instruments.

## DEPARTMENT IV.—Art.

## CLASS 406—Paintings in Oil.

648. **Huson, Thomas**, Northcote, Waterloo, near Liverpool, England—Three oil paintings, by T. Huson, "A Sunny September Morning," "Among the Reeds," "Evening on the Hill."

649. **Phillips, E. G.**, Melbourne-street, North Adelaide—Oil painting by F. W. Hulme, painted 1880, "In a Welsh Valley."

650. **Turck, Miss Eliza**, 151, Gloucester-road, Regent's Park, London—Oil paintings, "Old Letter," "The White Plume," from Sir W. Scott's "Woodstock;" water-colour, "Nydia," from Bulwer Lytton's "Last Days of Pompei;" water-colour, "Lucia," from the "Bride of Lammermoor;" water-colour, "Manrico," from "Trovatore."

651. **Turnbull, Mrs. Thomas**, 5, South Hill, Park Gardens, Hampstead, London—Three oil paintings.

**CLASS 407—Water-Colour Pictures, &c.**

652. **Barratt, Reginald** — Water-colour drawings.

**CLASS 412—Etchings.**

653. **Stuart, Chas., & Co.**, 78, Curriestreet, Adelaide—Etchings and engravings.

**CLASS 429—Miscellaneous Objects of Art.**

654. **Bradley, John**, 154, Fore-street, Exeter, Devon, England—Slate table imitation Devonshire marbles, corals, zoophytes.

655. **Grimes, Mrs. Jas.**, Parkside, Glen Osmond-road—Picture needlework made in England about 1800.

*DEPARTMENT V.—Machinery.*

**CLASS 504—Machines and Apparatus for Pumping, &c.**

656. **Merryweather & Sons**, Greenwich-road, London, S.E.—One portable steam pumping engine, for use as a fire engine.

656A. **RANSOMES, SIMS, & JEFFERIES, Limited**, Orwell Works, Ipswich, and 9, Gracechurch-street, London. Representatives in South Australia—Messrs. J. G. Ramsay & Co., Adelaide.

Four h.p. vertical steam engine, with boiler. These engines are made from 1½ to 10 h.p. The fireboxes are fitted with cross tubes, and are adapted to burn any description of ordinary fuel. If required, the engines and boilers can be mounted on four wheels for facility of transport.

Eight h.p. portable engine (new design). These engines are made from 2½ to 30 h.p., and can be fitted with the firm's patent apparatus for burning straw as fuel. They can be converted into semi-fixed engines by substituting pedestals for the wheels.

Double-furrow plough, S.M.E. (7). Single-furrow plough, N.S.W. (3-53). Collection of chilled shares, as patented by the firm in 1805, and which still retain their supremacy over all others.

Improved horse-rake, S.C.T.M. (9).

Illustrated catalogues of Messrs. Ransomes' manufactures may be obtained gratis at their stand, or from Messrs. J. G. Ramsay & Co., at their own stand, or at their offices in Adelaide.

**CLASS 519—Tools, Implements, &c., for Working Metal, &c.**

657. **Ashforth, J. & Co.**, Birmingham, England—Tools, steel, &c.

**CLASS 533—Machines for Sewing and Knitting.**

658. **Harrison Knitting Machine Co.**, Manchester—Knitting machines.

**CLASS 550—Boilers, &c.**

659. **Garrett, Rd., & Sons**, Leiston Works, Suffolk, England—Multitubular cylindrical steel boiler, with front frame; No. 8 vertical cross-tube steel boiler.

**CLASS 552—Steam, Air, Gas, and other Machines.**

660. **Robey & Co.**, Engineers, Globe Works, Lincoln, England—One 30 horse-power Robey's improved horizontal steam engine.

661. **Westray, Copeland, & Co.**, Barrow-on-Furness, England—Small compound engine and boiler.

**CLASS 567—Brakes, Buffers, &c.**

662. **Vacuum Brake Co., Limited**, 32, Queen Victoria-street, London, E.C.—Working models continuous automatic vacuum brake.

**CLASS 591—Marine Engines, &c.**

663. **Harris, G. P., Scarfe, & Co.**, Gawler-place, Adelaide—Shipping tackle.

**CLASS 592—Iron Castings, &c.**

664. **Stewart, R. M.**, 27, Jannison-street, Sydney, N.S.W.—Cast-iron pipes and castings.

**CLASS 593—Boilers, Engines, &c.**

665. **Clark, F. H., & Sons**, Blyth-street, Adelaide—Boilers, engines, &c.

## DEPARTMENT VI.—Agriculture.

## CLASS 614—Tobacco, Hops, &amp;c.

666. **Lea & Perrins**, Worcester, England—Worcestershire sauce.

## CLASS 626—Ale, Porter, &amp;c.

667. **Calder, Jas., & Co.**, Shore Brewery, Alos, Scotland—Bulk and case beer.

## CLASS 665—Implements and Apparatus of Fishing, &amp;c.

668. **Allcock, S., & Co.**, Standard Works, Redditch, England—Fishhooks, fishing-rods, and tackle.

## CLASS 669—Harvesting Implements.

669. **Garrett, Richard, & Sons**, Leiston Works, Suffolk, England—Clark's patent peg drum threshing machine, with portable engine for driving.

## CLASS 673—Laying out and Improving Farms, &amp;c.

670. **Bain, Wm., & Co.**, Lochien Iron Works, Edinburgh—Steel fencing.

- 670A. **The Musket Iron Works**, Dalkeith—Garden chairs, tables, vases, &c., for use of exhibition.

## UNENUMERATED.

671. **Hall & Savage**, 91, Rundle-street, Adelaide—Large working model of tailor's workroom and exhibit of clothing.

## GERMANY.

## DEPARTMENT I.—Mining, Metallurgy, and their Products.

## CLASS 108—Cements.

75. **Ahrens Portland Cement Co.**, Hamburg, Germany—Portland cement.

## CLASS 114—Iron and Steel, &amp;c.

76. **Gebruder, Bruninghaus, & Co.**, Werdohl, Westphalia, Germany—Iron, steel bars.

## DEPARTMENT II.—Manufactures.

## CLASS 200—Chemicals, Pharmaceutical Preparations.

77. **Helbing, Heinrich**, Wandsbeck, Hamburg—Preserved yeast in boxes for bakers' and brewers' use.

## CLASS 204—Flavouring Extracts, Perfumery, &amp;c.

78. **Farnia, Maria Johann**, Jülich's Platz, No. 4, Köln, Rhein—Eau de Cologne.

## CLASS 217—Heavy Furniture.

79. **Beneko, Carl**, Detmold, Germany—Otto Brandt furniture (carved Elizabethan style).

## CLASS 220—Gilt Cornices, &amp;c.

80. **Geck, August Theodor**, Fserholm—Stamped and cast brassware, viz., cornices, furniture decorations, &c.

## CLASS 223—Apparatus for Heating and Cooking, &amp;c.

81. **Nieske, Alwin**, Dresden—Carbon natron heating apparatus.

## CLASS 259—Ready-Made Clothing, &amp;c.

82. **Christian, Heinrich**, Waldenburg, Saxony—Hosiery of all kinds, and also silk and cotton gloves.

CLASS 269—Writing Paper, Envelopes, &c.

83. **Haenle, Leo**, München—Gold and silver paper, bronze powder in all kinds, leaf metal, &c.

CLASS 272—Printing and Writing Inks, &c.

84. **Geler, Jaencke, & Schneemann, F.**, Hanover—Printing inks and colours, litho inks and colours, little varnish, roller composition.

85. **Leonhardi, August**, Dresden—Writing and copying inks, stamping inks, drawing inks, ink powders, &c., liquid gum.

CLASS 294—Hardware used in Construction.

86. **Lehmann, Heinrich, & Co.**, Chausseester, 113, Berlin North, Germany—Fire-proof weight-bearing iron construction.

87. **Ganz, Frank**, Frankfort—Fire and burglar-proof safes, deed and cash boxes.

88. **Westfälische Holzschrauben Fabrik**, Schwelin, Westf.—Iron wood screws, bolts, &c.

CLASS 297—Indiarubber Goods and Manufactures.

89. **United Berlin Frankfort Indiarubber Co., The**, Gelenhausen, near Frankfort—Indiarubber goods of all kinds.

CLASS 299—Ropes, Cordage, &c.

90. **Heinsong, C., & Co.**, Hancburg, Harburg—Rope made of Russian Manila and sisal, hemp tarred.

CLASS 301—Wooden and Basketware, &c.

91. **Lustner, T. G.**, Chewinitz, Saxony—Wooden ware.

*DEPARTMENT III.—Education and Science.*

CLASS 359—Indicating and Registering Apparatus, &c.

92. **Dreyer, Roskenkianz, & Droop**, Hanover—Patent water meter.

93. **Memecke, H., Jun.**, Sabitzstrasse, Breslau—Water meters.

CLASS 360—Weights, Measures, and Weighing Apparatus.

94. **Gebruder, Pfitzer**, in Oschalz, Saxony—Weighing scales.

CLASS 364—Musical Instruments, &c.

95. **Bohner & Pfan**, Berlin—Pianos.

96. **Bornholdt, S.**, Berlin, Germany—Pianos.

97. **Dobrowski & Barsch**, Berlin—Pianos.

98. **Gebruder & Knabe**, Munster, Germany—Pianos.

99. **Kuhnel, G.**, Pirie-street—Upright pianos (German manufacture).

100. **Pianoforte Fabrik Co.**, Berlin, Germany, Proprietors, Menzel & Berndh—Three pianos, speciality "Concordia," iron frame, iron sound board.

101. **Steinthal, G.**, Berlin—Pianos.

102. **Schwechten, G.**, Berlin—Pianos.

103. **Wertheim, Hugo**, 101, Rundle-street, Adelaide—Pianos.

*DEPARTMENT V.—Machinery.*

CLASS 515—Machines for Working Metals, &c.

104. **Kalker Werkzeugmaschinen Fabrik** (in Kalk am Rhein), Breuer, Schumacher, & Co., Köln—One pipe-cutter.

CLASS 533—Machines for Sewing and Knitting, &c.

105. **Frister & Rosman**, S.O. Berlin—Sewing machines.

106. **German Natalis Co.**, Brunswick—Sewing machines.

107. **Hugo Wertheim**, 101, Rundle-street, Adelaide—Sewing machines.

108. **Kochs, C. C.**, Berlin, Germany—Patent motive sewing machines.

CLASS 592—Iron and other Castings;

109. **German Natalis Co.**, Brunswick—Artistic castings.

## DEPARTMENT VI.—Agriculture.

CLASS 614—Tobacco, Hops, &amp;c.

110. **Scharrer, Edward, & Co.**, Cannstatt and Nürnberg—Hops, and also the preparation and best means of packing for export.

CLASS 622—Sugar and Syrups.

111. **Syrups and Starkezucker Fabrik**, Wronke—Syrups and glucose.

CLASS 626—Ale, Porter, &amp;c.

112. **Brener Braueri, A. G.**, Am Deich, 24, Bremen, Germany—Lager beer in bottles.
113. **Kaiser Brauerei Co.**, Bremen, Germany—Kiosque for the display of Pilsener and lager.
114. **Moabit Brewing Co., Limited**, Berlin—Lager beer.
115. **St. Pauli Braueri**, Bremen—Lager beer and extract of malt.

CLASS 629—Liqueur, Cordials, &amp;c.

116. **Albrecht, H. Underberg**, Rheinberg am Niederheim—Collection of Maag and Bonekamp bitters; cordials from the sole inventor and distiller.

CLASS 667—Tillage Manual Implements.

117. **Gebrueler, Bruninghans, & Co.**, Werdhohl, Westphalia, Germany—Hay and manure forks and spades.
118. **Lehmann & Solding**, Withen a/d Ruhr—Shovels, spades, and rakes made of cast steeled tin pressed.

CLASS 671—Applicable to Farm Economy.

119. **Boldt & Vogel**, Hamburg, Germany—Pumps and agricultural machinery.

## AUSTRIA.

## DEPARTMENT II.—Manufactures.

CLASS 201—Oils from Mineral, Animal, and Vegetable Sources.

40. **Richter, F.**, Pilsen, Bohemia—Bog-litharge.

CLASS 216—Decorative Appliances.

41. **Czech, A., & Co.**, Haida, Austria—Hollow glass, useful articles in glassware, parts of lamps.
42. **Stefan Hanel**, Langenan—Hollow glassware.
43. **Wagner & Morawertz**, Haida, Bohemia—Hollow glass and lampware.

CLASS 217—Heavy Furniture.

45. **Gebruder Thonet**, Vienna—Austrian bentwood furniture.

CLASS 269—Writing Paper, Envelopes, &amp;c.

46. **Ellisen, Roeder, & Co.**, Vienna—Writing, fancy, and printing paper of all kinds.
47. **Leykam, Josefsthäl**, Wien, Austria—Writing, fancy, and printing paper.

## DEPARTMENT VI.—Agriculture.

CLASS 604—Gums, Resins, Vegetable Wax, &amp;c.

48. **Koblitz & Lander**, Hohsmuth, Bohemia—Shoemakers' and other wax.

CLASS 609—Oats, Barley, and other Cereals.

49. **Jonaz and Wihelm Brius Malz Fabrik**, Olmutz, Austria—Moravian barley (first quality), malt from same.

*FRANCE.**DEPARTMENT V.—Machinery.*

CLASS 540—Printing, Stamping, and  
Other Presses.

6. **White & Co., R. P.**, Bendigo, Victoria  
—French patent hand-printing machine,  
“A Magand,” engraving on silver, &c.

*DEPARTMENT VI.—Agriculture.*

CLASS 625—Wine.

7. **Abele, Henry**, Rheims, France—Champagnes and champagne liqueurs.
8. **Bourran de Freres & Co.**, Bordeaux, France—French clarets.
9. **Irroy, Ernest**, Rheims—Champagne.
10. **Preller, G., & Co.**, Bordeaux, France—Wines.

CLASS 624—Olive and other Oils.

11. **Depouzier, Jules**, Marseilles, France—Bottles of olive oil.

*ITALY.**DEPARTMENT IV.—Art.*

CLASS 400—Figures and Groups in  
Stone, &c.

1. **Cecchini, Guilo**, 82, Goulbourn-street, Sydney—Italian statuary in marble and alabaster, &c.

*DEPARTMENT VI.—Agriculture.*

CLASS 631—Dairy Produce.

2. **Faccioli, A., & Co.**, Milan, Italy—Butter.

*BELGUIM.**DEPARTMENT II.—Manufactures.*

CLASS 228—Manufactured Parts of  
Buildings, Mantels, &c.

89. **Rhodes, W. & T.**, Rundle-street, Adelaide—Marble mantelpieces of Belgium manufacture.

*DEPARTMENT IV.—Art.*

CLASS 429—Miscellaneous Objects of  
Art

90. **Societe Anonyme de Merbres le Chateau, The**, Belgium—Collection of marble tombstones, fenders, colonnettes, tables, &c.

*TURKEY.**DEPARTMENT IV.—Art.*

CLASS 429—Miscellaneous Objects of  
Art.

2. **Moses, Attalah**, Turkey—Turkish carpets, jewellery, and fancy goods.
- 2A. **Selby, George**, Fowls' Buildings, New School of Mines, Sandhurst, Victoria—Turkish carving wood, fancy pipes, table bells, Turkish filagree, olive wood ornamental boxes, cherry-stone wood, &c.
3. **Jean Sabat**, Turkey—Turkish carpets, jewellery, and fancy goods.

*SWITZERLAND.**DEPARTMENT II.—Manufactures.*

CLASS 231—Cotton Yarns, Threads,  
&c.

2. **Wood, John**, Gawler-place, Adelaide—Swiss embroideries.

CLASS 251—Spun Silk, Yarns, and  
Fabrics.

3. **Reiff & Huber**, Zrouch, Switzerland—  
Milling silks.

*SWEDEN.*

*DEPARTMENT VI.—Agriculture.*

CLASS 672—Dairy Fittings and Ap-  
pliances.

3. **DeLaval Cream Separator Co., Limited**, Stockholm—One DeLaval patent cream separator, intermediate gearing and complete, capable of separating 60 gallons of milk per hour.

CLASS 294—Hardware.

4. **Hults, Bruk**, Sweden. H. B. Hardt, representative.

*SEYCHELLES.*

*Class Unenumerated.*

1. **Seychelles Committee**, Seychelles—  
Various produce.

*INDIA.*

*DEPARTMENT VI.—Agriculture.*

CLASS 614—Tobacco, Condiments, &c.

2. **Framjee, Bhikhajee, Khan, Co.**,  
Bombay—Collection of Indian condiments.

*UNITED STATES.*

*DEPARTMENT II.—Manufactures.*

CLASS 203—Paints, Dyes, &c.

38. **Detroit White Lead Works**, U.S.A.  
Paint.

CLASS 264—Artificial Flowers, Fancy  
Articles, &c.

39. **Warde, Joseph**, corner of Sycamore  
and Fourth-streets, Cincinnati, Ohio—East  
India and Oriental fancy goods.

CLASS 283—Medicines, Official.

40. **Delaplaine Pharmacal Co.**, No. 155,  
Maiden-lane, New York—Emulsion of  
pure cod liver oil with hiposfites lime,  
soda with pepsine.
41. **Radway & Co.**, 32, Warren-street, New  
York—Patent medicines—"Radway's  
Ready Relief," Radway's sarsaparilla, re-  
solvent, Radway's pills.

CLASS 305—Vehicles for Movement of  
Goods, &c.

42. **Dole & Osgood**, Peabody, Massachu-  
setts, U.S.A.—Carriages of American manu-  
facture.

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*DEPARTMENT III.—Education and Science.*

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- CLASS 357—School and Textbooks,  
Dictionaries, &c.
43. **Merriam, G. & C., & Co.**, Springfield,  
Massachusetts, U.S.A.—Webster's Dic-  
tionaries.

- CLASS 364—Musical Instruments, &c.
44. **Estey Organ Co.**, Brattlebore, Ver-  
mont, U.S.A.—Organs.
45. **Kuhnel, G.**, Pirie-street, Adelaide—  
Cabinet organs, American (by B. Shonin-  
ger).
46. **Wilcox & White**, Meridan, Conn.,  
U.S.A.—American organs.
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*DEPARTMENT V.—Machinery.*

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- CLASS 551—Water-wheels, Windmills,  
&c.
47. **Williams, B. S., & Co.**, Kalamazoe,  
Michigan, U.S.A.—Stover windmill.
48. **Mast, Foos, & Co.**, Springfield, Ohio—  
One 12-foot iron turbine windmill, with  
pump, &c., complete.
49. **Althouse, Wheeler, & Co.**, Waupin,  
Wisconsin, U.S.A.—One Althouse vaneless  
windmill.

- CLASS 552—Steam, Air, Gas, and other  
Engines.
50. **Gilbert & Barker, Manufacturing Co.**,  
Springfield, Massachusetts — 40 - light  
Springfield gas machine, making carburet-  
ted air gas from gasoline.

CLASS 585—Models or Drawings of  
Steamships, &c.

51. **Althouse, Wheeler, & Co.**, Waupin,  
Wisconsin—One working model Althouse  
vaneless windmill to be worked by air pro-  
peller.
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*DEPARTMENT VI.—Agriculture.*

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- CLASS 623—Bread, Biscuits, &c.
52. **Kennedy, F. A., & Co.**, U.S.A.—Bis-  
cuits.
- CLASS 626—Ale, Porter, &c.
53. **Fredericksburg Brewing Co.**, San  
Jose, California, U.S.A.—Lager beer.
- CLASS 667—Tillage, Manual Imple-  
ments, &c.
54. **Myers & Ermen**, Shoemaker Town,  
Montgomery Co., Pa. — Forks — Hay,  
manure, spading, barley, sluice, coal, coke,  
drag, oyster, spall.
55. **Sillcox, Geo. W.**, New York—Ploughs.

CLASS 669—Harvesting Implements.

56. **Aultman, Miller, & Co.**, Akron, Ohio,  
U.S.A.—One twine binder, one mower.
57. **Esterly Machine Co.**, Whitewater,  
Wisconsin, U.S.A.—One twine binder, one  
mower.
58. **Osborne, D. M., & Co.**, Auburn, New  
York—One Osborne steel-frame harvester  
and twint binder, No. 11.
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## BRITISH NORTH BORNEO.

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This British colony, as it may be called, is the outcome of the labours of some leading British subjects, who, after considerable expenditure of time and money, obtained concessions of land from the rulers of the northern portion of the large island of Borneo in 1877, which eventually merged into the British North Borneo Company, and in 1881 a Royal charter was obtained from Her Majesty's Government, conferring extensive corporate powers upon the Company, the Governorship being intrusted to Mr. W. H. Teacher, formerly Acting-Governor of Labuan and Consul-General for Borneo, the object of the Company being development of natural resources by introduction of capital and labour.

The situation is important, both from a commercial and naval standpoint. It extends from lat.  $4^{\circ} 05' N.$  to  $7^{\circ} 25' N.$ , and from long.  $115^{\circ} 20' E.$  to  $119^{\circ} 16'$ , being about midway between Hongkong and Singapore, and while within 90 miles of the course taken by traders to China and Japan from the west, steamers trading from the latter places to Australia pass close to the west coast. Harbours are fairly abundant, with safe anchorage. A range of mountains runs in a south-westerly direction throughout the territory, reaching to an altitude of 13,700 feet in the mountain of Kinabalu. Many streams find their sources in this range, some of which become fine rivers, the chief of which—Kina Batangan—is navigable by steam launches for 200 miles.

The area is about 31,000 miles, two-thirds of which, from its triangular shape, is surrounded by the sea, giving about 600 miles of coast, which includes all islands within three leagues.

The population is scanty, large tracts of forest country being uninhabited, many wandering tribes living in a very primitive fashion, simply hunting and fishing to provide for their own requirements, without engaging in trade.

The climate, while tropical, is not oppressive, but requires temperance and regularity, as in all other tropical countries, the inhabitants being particularly subject to a mild continual fever or febricula, which is easily overcome and of short duration.

The temperature ranges from 67.5 to 93 deg. in the shade.

The rainfall has averaged 124.34 inches during the last seven years.

## PRODUCTS.

SEA.—Bêche-de-mer, keema, agar, pearls, tortoiseshell, turtle eggs, sharks' fins, sponges, oysters.

FOREST.—Timber, rattans, birds' nests, guano, guttapercha, indiarubber, beeswax, gum dammer, camphor, vegetable tallow.

SWAMP PRODUCE.—Mangroves, nipa and nebong palms.

AGRICULTURE.—Although little more than experimental, the following articles have been successfully cultivated:—Tobacco, sugar, pepper, gambier, hemp, cocoa, betel nuts, coffee, kapoc, indiarubber, sago, tapioca, indigo, and fruits.

TRADE.—The returns for 1885 show revenue, £22,974; expenditure, £43,348; imports, £135,000; exports, £83,675.

MINERALS.—The following have been found:—Gold, precious stones, quicksilver, copper, and tin. The first-named is the only one that has been sought after to any extent, and the country proves to be rich in both alluvial and quartz, but the climate is somewhat against the advantageous working by white men.

Labour and land are to be obtained cheap, the regulations in connection with the latter being adapted from the well-known Torrens Act, title being based upon registration.

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## BRITISH NORTH BORNEO EXHIBITS.

*British North Borneo Company.*

### GENERAL PRODUCTS.

Beeswax.	Black and white birds' nests.
Boiled pandan grass.	Prepared pandan grass.
Damar daging.	Pandan mats.
Rattans.	Damar tanab.
Indiarubber.	Guttapercha.
Coffee.	Cotton.

### WOODS.

1. Billian.	10. Suayah merah.
2. Bawang.	11. Majow.
3. Tapang, or Mangar's.	13. Gajil.
4. Salangan Batu.	14. Krewin.
5. Rossack Batu.	15. Rossack Bungah.
6. Penagah.	16. Camphor.
7. Mirabow.	17. Selangan Putch.
8. Rungus.	20. Rangu.
9. Greeting.	

REMARKS.—Nos. 1 and 5 are samples of hardwood, which are submitted as the best wood for sleepers; they are all ant-proof. Nos. 6, 7, and 20 are most suitable for fine furniture; while Nos. 10, 11, and 17, being inexhaustible and obtainable in large sizes, are more suitable for railway carriages and general furniture. No. 9 is suitable for furniture and general purposes. No. 13 for large masts, &c. 14 and 6 for general purposes—beams and planks.

# MISCELLANEOUS EXHIBITS,

COLLECTED FROM VARIOUS COUNTRIES.

1. **Adams, G. H.**, Flinders-street, Adelaide—Spirits, beer, &c.
2. **Berry, Henry, & Co.**, 98, Currie-street, Adelaide—Butchers' requisites.
3. **Baghel Bros.**, 27, Eastern Arcade, Bourke-street. Melbourne—Alligators' teeth, sea beams, and Australian curios.
4. **Cawthorne & Co.**, Gawler-place, Adelaide—Musical compositions: English, Foreign, and Australian.
5. **Colton, J., & Co.**, Ironmongers, Adelaide—General assortment.
6. **Doolette, G. P., & Co.**, King William-street, Adelaide—Clothing.
7. **Georgeson & Co.**, 162, Bourke-street E., Melbourne—Oroid gold jewellery.
8. **Harper, R., & Co.**, Pulteney-street, Adelaide—Tea, coffee, rice, spices, and the like (not for competition).
9. **Harrold Bros.**, Hindley-street, Adelaide—Eastern produce.
10. **Heyne, E. B., & Co.**, 178, Rundle-street, Adelaide—Tree and vegetable seeds, herbs, flowers, bouquets, wreaths, designs.
11. **Heyne, E. B., & Co.**, 178, Rundle-street, Adelaide—Book on "Gardening."
12. **Jacobs, Hart, & Co.**, Grenfell-street, Adelaide—Taverney Swiss cigars, all descriptions.
13. **Jessop, L. A.**, Adelaide—Japanese curios.
14. **Milne & Co.**, Grenfell-street, Adelaide—Miscellaneous assortment of wines, spirits, &c.
15. **Peter, J.**, Prince's Wharf, Port Adelaide—Roller-mill machinery: United States, Germany, Switzerland; engine, with automatic expansion.
16. **Ramsay, J. G., & Co.**, Currie-street, Adelaide—Reapers and general agricultural implements.
17. **Rounsevell, William Benjamin**, Grenfell-street, Adelaide, and Port Adelaide—Wine, beer, spirits, &c.
18. **Sawtell, E.**, 5, Rundle-street, Adelaide—Scientific instruments, viz., optical, meteorological, physical, electrical, photographic, chemical, assaying apparatus, astronomical, &c.
19. **South Australian Auxiliary to the British and Foreign Bible Society, Incorporated**, 50, Rundle-street, Adelaide—Bible Society's publications.
20. **South Australian Gas Co.**, Grenfell-street, Adelaide—Sulphate of ammonia, photometer, lamps.
21. **Tolley, A. E. & F.**, Currie-street, Adelaide—"Kiosque" buildings in the grounds, wines, spirits, and malted liquors, and general merchandise.
22. **Wigg, R. H., & Sons**, 79, King William-street, Adelaide—Fancy chocolates, champagne, brandy, &c.
23. **Woodman, J.**, Rundle-street, Adelaide—Pianos, organs, and other musical instruments.

## EXHIBITS represented by A. S. MANDERS & Co.

### BRITISH EXHIBITS.

- No. 549. Main Floor.—**HARRIS & SHELDEN**, Birmingham—Shop-fittings show-cases, wax figures, &c. Special representatives, A. S. MANDERS & Co.
- No. 587. Western Annexe, Court 4.—**BLÉNHEIM & Co.**, Egham, Surrey.—Telephones, thief-detectors, electric bells, billiard markers, and general electrical appliances. Special representatives, A. S. MANDERS & Co.
- No. 590. Western Annexe, Court 1.—**SHANNON FILE COMPANY**—Office furniture. Special representatives, A. S. MANDERS & Co.
- No. 330. Western Annexe, Court 2.—**BADDELEY & REYNOLDS**, Old Bailey, London—Dye-sinking, engraving, stamping machinery, copying and perforating presses, and general stationers' sundries. Special representatives, A. S. MANDERS & Co.
- No. 572. Western Annexe, Court 2.—**WINDLE & BLYTH**, Walsall, England—Stationers' sundries and office furniture. Special representatives, A. S. MANDERS & Co.
- No. 531. Western Annexe, Court 2.—**WATSON & SONS**, Holborn, London—Scientific instruments, photographic materials, lanterns, field glasses, surveyors' instruments, &c., &c. Special representatives, A. S. MANDERS & Co.
- No. 282. Western Annexe, Court 2.—**WOLFF, E., & SONS**, London—Lead pencils manufacturers and stationers' sundries. Special representatives, A. S. MANDERS & Co.
- No. 333. Western Annexe, Court 4.—**TAYLOR & SONS**, Cleckheaton, England—Wire staples and wire brushes for cloth cleaning. Special representatives, A. S. MANDERS & Co.
- No. 589. Western Annexe, Court 2.—**WILLIS & SONS**, Longacre, London—Playing cards, ball programmes, menus, fine printing cards, and stationers' novelties. Special representatives, A. S. MANDERS & Co.
- No. 574. Western Annexe, Court 2.—**COND BROS.**, Birmingham—Lithographic specimens, ball programmes, and stationers' sundries. Special representatives, A. S. MANDERS & Co.
- No. 519. Western Annexe, Court 4.—**VERITY BROS.**, Leeds—Patent sash holders, window catchers, door springs, morticing machinery, &c., and builders' hardware. Special representatives, A. S. MANDERS & Co.
- No. 588. Western Annexe, Court 4.—**GREAVE, THOS.**, London—Printers' sundries, belting, blankets. Special representatives, A. S. MANDERS & Co.
- No. 505. Western Annexe, Court 4.—**TROTTER, Y., & SONS**, Cherside Bridge, Scotland—Fine paintings, writings, news, and enamelled papers. Special representatives, A. S. MANDERS & Co.
- No. 529. Western Annexe, Court 4.—**MORFITT, A. G.**, Nottingham—The "Empress" treadle or steam printing machines. Special representatives, A. S. MANDERS & Co.
- No. 283. Western Annexe, Court 4.—**ZUCCATO & WOLFF**, Holburn Viaduct, London—Trypograph, for printing *fac-simile* of writings from the original of which 5,000 can be obtained. Special representatives, A. S. MANDERS & Co.
- No. 544. Western Annexe, Court 2.—**SLATER, HENRY, & LEE**, Manchester—Printing, service, and wrapping papers. Special representatives, A. S. MANDERS & Co.
- No. 329. Western Annexe, Court 2.—**ROBERTS, T. H.**, London—"Illustrated Family Novelist," "Illustrated Bits," "Fireside Novelist," and other publications, also, electro blocks. Special representatives, A. S. MANDERS & Co.
- No. 524. Western Annexe, Court 1.—**BRUMBY & CLARKE**, Hull, England—High-class lithographic and chromo printings, advertising novelties, and general specimens of printing. Special representatives, A. S. MANDERS & Co.
- No. 520. Western Annexe, Court 2.—**JOHNSON, J. & J.**, London—Artistic Printing. Special representatives, A. S. MANDERS & Co.
- No. 558. Western Annexe, Court 2.—**JONES, S.**, London—Surface and gum papers. Special representatives, A. S. MANDERS & Co.

Western Annexe, Court 2.—**FORD, T. B.**, Snakeley Mills, Loudwater, Scotland—Blotting papers of the finest quality. Special representatives, A. S. MANDERS & Co.

Western Annexe, Court 1.—**COATES BROS.**, London—Printing and lithographic inks. Special representatives, A. S. MANDERS & Co.

No. 573. Western Annexe, Court 2.—**BAKER & SYME**, London—Printers' and stationers' trade publication, the "Effective Advertiser." Special representatives, A. S. MANDERS & Co.

Western Annexe, Court 4.—"**THE BRITISH TRADE JOURNAL**"—The leading publication of England. Their office will be found in Court 4. Special representatives, A. S. MANDERS & Co.

#### CANADIAN EXHIBITS.

No. 738. Western Annexe, Court 7.—**TAYLOR, J. & J.**, Toronto, Canada—Fire and burglar-proof safes. Established 33 years. These exhibits occupy a main portion of the Canadian Court, and are the largest and most valuable of safes ever shown in an Australian Exhibition. Special representatives, A. S. MANDERS & Co.

Western Annexe, Court 7.—**BURNE ROBERTSON MANUFACTURING Co.**, Hamilton, Canada—General assortment of lamps, wire bird-cages, and domestic labour-saving appliances. Special representatives, A. S. MANDERS & Co.

Western Annexe, Court 7.—**HALIFAX MANUFACTURING Co.**, Halifax—Garden and laborers' tools. Special representatives, A. S. MANDERS & Co.

Western Annexe, Court 7.—**EASTEY, E. M.**, Mineton, N.B., Canada—Pharmaceutical preparations. Special representatives, A. S. MANDERS & Co.

#### AMERICAN EXHIBITS.

Western Annexe, Court 7.—**EMERSON'S ALBUMENOID FOOD MANUFACTURING Co.**, New York, for infants, consumptives, invalids, dyspeptics, explorers, and others. Every visitor to the Exhibition should apply for a sample. Special representatives, A. S. MANDERS & Co.

Basement.—**HANNIS DISTILLING Co.**, Philadelphia—Pure rye whisky. Special representatives, A. S. MANDERS & Co.

Basement.—**GREENAWAY BREWING Co.**, Syracuse, New York—India pale ale, porter, stout, and the Germania celebrated lager. Special representatives, A. S. MANDERS & Co.

Western Annexe, Court 7.—**LOWELL, JOHN, & Co.**, Boston—Printings from steel. Special representatives, A. S. MANDERS & Co.

Western Annexe, Court 7.—**BARNES, A. S.**, New York—Writing and copying inks, pens, and educational works. Special representatives, A. S. MANDERS & Co.

Western Annexe, Court 7.—**SWAN & WHITEHEAD**, New Jersey—Fancy lamp shades. Special representatives, A. S. MANDERS & Co.

Western Annexe, Court 7.—**WILLIAMS, J. B.**, Connecticut—Shaving soaps, and the celebrated everine extract of soap. Special representatives, A. S. MANDERS & Co.

Western Annexe, Court 7.—**BANNING, CONOVER, & Co.**, New York—Haberdashery and the celebrated duplex corset, and other novelties. Special representatives, A. S. MANDERS & Co.

Western Annexe, Court 7.—**PHILADELPHIA NOVELTY Co.**—Patented American novelties in stationery specialties and light hardware. Special representatives, A. S. MANDERS & Co.

Western Annexe, Court 7.—**NEW YORK FIRE-PROOF PAINT Co.**—An absolute protection against fire. Flames cannot spread over surfaces covered with this paint. Special representatives, A. S. MANDERS & Co.

Western Annexe, Court 7.—**WELLS, HOPE, & Co.**, Philadelphia—Patent enamelled advertising signs. Special representatives, A. S. MANDERS & Co.

Western Annexe, Court 7.—**JENKS, H. F.**, Rhode Island—Improved drinking fountains, novelty boot lasts, &c. Special representatives, A. S. MANDERS & Co.

Western Annexe, Court 7.—**CURRIER & IVES**, New York—Lithographic printing. Special representatives, A. S. MANDERS & Co.

In addition, A. S. MANDERS & Co. represent about 40 other exhibitors.



# NEW SOUTH WALES,

*The Mother Colony of the Australias.*

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Discovered by Captain Cook in the year 1770, and first settled in 1788, New South Wales will, in a few months, complete her hundredth year of British colonization, having, during her brief history as a dependency of the Crown, attained a commanding position in the Austral world.

Shorn of her great southern province—now the colony of Victoria—in 1851, and of her northern territory—now the colony of Queensland—in 1859, New South Wales still retains an estimated area of nearly 196,000,000 acres, and possesses a coast line of 700 miles to the Pacific Ocean.

This coast line is pierced by numerous rivers, many of them navigable for considerable distances, and is indented with splendid harbours, one of which, Port Jackson, upon the shores of which Sydney, the capital of the colony stands, occupies a proud pre-eminence amongst the harbours of the world.

The interior is traversed by many important streams, some of which are water highways for several hundreds of miles.

Situated in the temperate zone, the climate of New South Wales is healthy and varied, and almost every description of country exists.

Snow-clad mountains and tropical valleys; golden grain fields and arid wildernesses; densest jungle and rugged mountain range; rich alluvial flats and undulating pastures that stretch away beyond the horizon—all are to be found within the boundaries of the Queen Colony of the Southern Sea.

And if the natural features of her vast domain are thus varied, so also are her natural resources.

The mineral wealth of New South Wales is unsurpassed by that of any country in the world.

Gold, silver, copper, tin, lead, bismuth, antimony, cinnabar, and iron; precious stones, coal, shale, alum, marble, slate, granite, and sandstone, all exist in large quantities, and the total value raised up to the end of 1886 amounted to £68,000,000.

The natural pastures of the colony feed vast flocks and herds, which constitute one of the largest sources of wealth which New South Wales can boast.

She possesses 40,000 more horses than any other of the Australian colonies.

She possesses 30,000 more cattle than any other colony except Queensland.



# NEW SOUTH WALES EXHIBITS.

## DEPARTMENT I.

### *Mining, Metallurgy, and other Products.*

#### CLASS 100—Geological Collections.

1. **Isaacsohn, Martin**, Nundle—Collection of minerals, &c.
2. **Mines, Minister for**, Sydney—Collection of minerals, &c.
3. **Powell, J. A.**, Woodville, Paterson River—Collection of pebbles.

#### CLASS 101—Samples of Reef and Alluvial Gold, &c.

4. **Garland, Charles L., M.P.**, Carcoar—Gold ore (non-competitive).
5. **Isaacsohn, Martin**, Nundle—Gold specimens.
6. **Liversidge, Professor**, Sydney—Gold specimens.
7. **Richardson, Walter W.**, Goulburn—Gold specimens.

#### CLASS 102—Ores of Copper, &c.

8. **Barton, Russell**, Five Dock—Copper ores.
9. **Garland, Charles L., M.P.**, Carcoar—Copper ores (non-competitive).
10. **Kelly, John E., M.P.**, Sydney—Copper ore.

#### CLASS 103—Ores of Silver, Lead, &c.

11. **Brackenridge, Robert**, Port Stephens—Iron ore.
12. **Broken Hill Proprietary Co., Limited**, Melbourne—Various silver and lead ores; bars of argentiferous lead; obelisk showing quantity of silver taken from Broken Hill Mine.
13. **Broken Hill South Silver Mining Co.**, Sydney—Silver and lead ores.
14. **Broken Hill Junction Silver Mining Co.**, Melbourne—Silver and lead ores.
15. **Day Dream Silver Mining Co.**, Silvertown—Silver ore.

16. **Garland, Charles L., M.P.**, Carcoar—Silver and lead ores (non-competitive).
17. **Kelly, John E., M.P.**, Sydney—Tin ore.
18. **Neild, J. C., M.P.**, Sydney—Silver ore.
19. **Pinnacle Tribute Silver Mining Co.**, Silvertown—Silver ore.
20. **Sultan Silver Mining Syndicate**, Silvertown—Silver and lead ores.
21. **Second-to-none Silver Mining Syndicate**, Silvertown—Silver and lead ores.
22. **Torrington Tin Mining Co.**, Sydney—Tin ore.
23. **Umberumberka Silver Mining Co.**, Silvertown—Silver ore.
24. **Webb's Silver Mining Co.**, Sydney—Silver ore.

#### CLASS 105—Gems and Precious Stones.

25. **Liversidge, Professor**, Sydney—Precious stones, &c.

#### CLASS 106—Minerals, Combustible—Coal, &c.

26. **Australian Kerosine Oil and Mineral Co.**, Sydney—Kerosine shale.
27. **Australian Agricultural Co.**, Newcastle—Coal.
28. **Berrima Coal Mining Co.**, Berrima—Coal.
29. **Bulli Coal Mining Co.**, Sydney—Coal.
30. **Brown, J. & A.**, Newcastle—Coal and coke.
31. **Burwood Coal Mining Co.**, Sydney—Coal.
32. **Dewhurst, A.**, Tamworth—Coal and shale.
33. **Great Northern Coal Mining Co.**, Sydney—Coal.
34. **Mackenzie & Henderson**, Sydney—Boghead mineral.

35. **Mines, Minister for**, Sydney—Coal.  
 36. **Minto, Nowland, & Co.**, Singleton—Coal.  
 37. **Mittagong Coal Co.**, Mittagong—Coal.  
 38. **Patent Asphaltum Co. of New South Wales**, Sydney—Preparations of asphaltum.  
 39. **Purified Coal & Coke Co.**, Newcastle—Coal and coke.  
 40. **Singleton Coal & Coke Co.**, Singleton—Coal and coke.  
 41. **Smith, W. Howard, & Sons**, Sydney—Coal and coke.  
 42. **Stockton Coal Mining Co.**, Sydney—Coal.  
 43. **Vickery & Sons**, Sydney—Coal.  
 44. **Waratah Coal Mining Co.**, Charles-town—Coal.  
 45. **West Wallsend Coal Mining Co.**, Newcastle—Coal.

CLASS 107—Building Stones, Marble, &c.

46. **Brackley, F. W. G.**, West Maitland—Sandstone.  
 47. **Browne, Thomas**, Singleton—Sandstone.  
 48. **Browne, Thomas**, West Maitland—Sandstone.

CLASS 109—Clays—Fire Clay, &c., &c.

49. **Cochrane, George**, North Willoughby—Terra-cotta clay, fire clay, &c.

CLASS 113—Precious Metals.

50. **Broken Hill Proprietary Co.**, Melbourne—Silver.

CLASS 115—Copper in Ingots, Bars, &c.

51. **Mines, Minister for**, Sydney—Copper in ingot.

CLASS 116—Tin, Brass, and other Metals.

52. **Caloola Tin Mining Co.**, Barrier Ranges—Tin ore.  
 53. **Cosmopolitan Tin Mining Co., Limited**, Barrier Ranges—Tin ore.  
 54. **Cosmopolitan Extended Tin Mining Co., Limited**—Barrier Ranges—Tin ore.  
 55. **Lady Don Tin Mining Co.**, Barrier Ranges—Tin ore.  
 56. **Melville, J. S.**, Alexandria, Sydney—Star antimony.  
 57. **Mines, Minister for**, Sydney—Antimony and lead, and refined tin.  
 58. **Mount Euriouri Tin Co.**, Barrier Ranges—Tin ore.  
 59. **Victory Tin Mining Co.**, Barrier Ranges—Tin ore.  
 60. **Wee Jim Tin Mining Co.**, Barrier Ranges—Tin ore.

CLASS 117—Alloys, &c., Gun Metal, Bell Metal, &c.

61. **Melville, J. S.**, Alexandria, Sydney—Type metal.

## DEPARTMENT II.

### Manufactures.

CLASS 200—Chemicals, Baking Powder, Self-raising Flour, &c.

62. **Hogleen, Edward**, Sydney—Balsam of aniseed.  
 63. **Lavers, Josiah**, Redfern, Sydney—Disinfecting powder, chlorozone, "Old Parr's Life Drops," &c.  
 64. **Lee, John Eckford**, West Maitland—Baking powder, egg powder, &c.,  
 65. **Toose, W. E.**, Sydney—Plate powder.

CLASS 201—Oils from Mineral, Animal, and Vegetable Sources.

66. **Australian Kerosine Oil and Mineral Co.**, Sydney—Candles and kerosine oil.

67. **Coleman & Sons**, Cootamundra—Eucalyptus oil.

68. **Lavers, Josiah V.**, Redfern, Sydney—"Printer's Friend."

CLASS 216—Decorative Glassware.

69. **Pownall, Harry**, Sydney—Engraved glassware.  
 70. **Webb, Frank P.**, Sydney—Engraved glassware.

CLASS 217—Heavy Furniture.

71. **Hulbert B.**, Sydney—Billiard table.  
 72. **Packman, Henry**, Sydney—Chairs, tables, baskets, flower-stands, &c.

73. **Smith, H. T.**, Sydney—Revolving show table.

74. **White, James**, Sydney—Costume stands

CLASS 218—Table Furniture.

75. **Jones, Evan**, Sydney—Silver and plated ware.

CLASS 224—Apparatus for Lighting.

76. **Smith, H. T.**, Sydney—Patent safety lamps; oil injector for filling lamps.

CLASS 225—Kitchen and Pantry Utensils, &c.

77. **Pratt, A. C.**, Raymond-terrace—Millet brooms.

CLASS 228—Manufactured Parts of Buildings.

78. **Jones, T., & Co.**, Sydney—Venetian and wire blinds.

Exhibits Unclassified.

79. **Lassetter & Co.**, Sydney—Wood ware.

CLASS 240—Wool Fabrics.

80. **Frost, Mrs. Jane**, Sydney—Scrap knitting.

81. **Technological Museum** (Trustees), Sydney—N.S.W. woollen goods.

CLASS 249—Cocoons and Raw Silk.

82. **Marcolino, P.**, Grafton—Raw silk.

CLASS 254—Velvets, Plushes, Knitted Goods, &c.

83. **Calvert, Mrs. M. M.**, Marrickville, Sydney—Silk braces.

CLASS 259—Ready-made Clothing, &c.

84. **McLeod, Margaret**, Woodford Leigh, Clarence River—Counterpane, &c.

CLASS 261—Hats, Caps, &c.

85. **Cochrance, W.**, Sydney—Hats.

CLASS 263—Jewellery and Ornaments of Dress, &c.

86. **Jones, Evan**, Sydney—Jewellery.

CLASS 264—Fancy Articles, &c.

87. **Campbell, Eliza**, Esk Bank—Fancy work.

88. **Levy, Rosa**, Sydney—Hair work.

89. **Russell, J. E. M.**, Sydney—Bullion bank.

CLASS 267—National Costumes, &c.

90. **Bray, J. S.**, Sydney—Photographs of New Guinea natives, &c.

CLASS 271—Blank Books, Bookbinding, &c.

91. **Government Printer**, Sydney—Account books, &c.

CLASS 274—Printing and Writing Inks.

92. **Frost, Henry C.**, Sydney—Compound colour printing.

CLASS 282—Aboriginal Weapons.

93. **Liversidge, Professor**, Sydney—Ethnological collection.

CLASS 287—Surgical Instruments and Appliances.

94. **Papini, Leopoldo**, Sydney—Self adjusting truss.

CLASS 295—Galvanized-Iron Work.

95. **Lassetter & Co.**, Sydney—Galvanized iron ware.

96. **Macgregor, Harris, & Co.**, Sydney—Galvanized iron and enamelled ware.

97. **Withers, John, Orange**—Galvanized iron vases.

CLASS 296—Wirework.

98. **Lysaght Bros. & Co., Limited**, Sydney—Wire netting.

CLASS 299—Ropes, Cordage, &c.

99. **Adams, George H.**, Sydney—Fishing lines, cordage, &c.

CLASS 303—Pleasure Carriages.

100. **Wilkins & Kennedy**, Dubbo—Buggies.

CLASS 304—Travelling Carriages, &c.

101. **Anderson, Robert**, Sydney—Perambulators.

- |  |   |
|--|---|
| CLASS 306—Harness and Saddlery,<br>Horse Furniture, &c.                  | 104. <b>Marsh, J. H.</b> , Blayney—Horse shoes.                         |
| 102. <b>Armstrong, William</b> , Tarce, Manning<br>River—Hogskin saddle. | 105. <b>Pitman, William</b> , Sydney—Horse<br>shoes.                    |
| 103. <b>Dadd, Edward</b> , Armidale—Horse-<br>shoes (veterinary).        | 106. <b>Wilkins &amp; Kennedy</b> , Dubbo—Saddle<br>harness, whips, &c. |

## DEPARTMENT III.

*Education and Science.*

- |   |   |
|---|---|
| CLASS 351—Elementary Schools.   | 121. <b>Gibbs, Shalland, &amp; Co.</b> , Sydney—<br><i>Illustrated Sydney Mail.</i> |
| 107. <b>Bombala Public School</b> , Bombala—<br>Pupils' work.                                 | 122. "Town and Country Journal,"<br>Sydney—Files of paper.                          |
| 108. <b>Esk Bank Public School</b> , Esk<br>Bank—Pupils' work.                                | Objects Unclassified.   |
| 109. <b>Kelton, Arthur E.</b> , Albury—Pen-<br>manship.                                       | 123. <b>Chissell, W. J.</b> , Sydney—Work in<br>phonography.                        |
| 110. <b>Kindergarten Public School</b> , Syd-<br>ney—Pupils' work.                            | 124. <b>Reeve, George J.</b> , Leichardt, Sydney<br>—Work in phonography.           |
| 111. <b>Sparkes' Creek Public School</b> ,<br>Sparkes Creek, via Scone—Pupils' work.          | CLASS 360—Weights, Measures, and<br>Weighing Apparatus, &c.                         |
| 112. <b>West Maitland Public School</b> ,<br>West Maitland—Pupils' work.                      | 125. <b>Bowrey Brothers</b> , Sydney—Weighing<br>machines.                          |
| 113. <b>Wilbertree Public School</b> , Wilber-<br>tree, via Mudgee—Pupils' work.              | 126. <b>Wedderburn, Robert</b> , Sydney—<br>Weighing machines                       |
| 114. <b>Wombah Public School</b> , Chats-<br>worth Island, Clarence River—Pupils'<br>work.    | CLASS 363—Telegraphic Instruments<br>and Methods.                                   |
| 115. <b>Woodford Leigh Public School</b> ,<br>Woodford Leigh, Clarence River—Pupils'<br>work. | 127. <b>Hopsch, Charles F. G.</b> , Petersham,<br>near Sydney—Telephones.           |
| 116. <b>Wickham Superior Public School</b><br>Pupils' work.                                   | CLASS 370—Topographical, Physical,<br>&c., Maps.                                    |
| CLASS 352—Higher Education, &c.   | 128. <b>Commissioner for Railways</b> ,<br>Sydney—New South Wales railway map.      |
| 117. <b>Stuart, Professor A.</b> , Sydney—Plans<br>of Sydney Medical School.                  | 129. <b>Clark &amp; Rowley</b> , Sydney—Map of<br>New South Wales.                  |
| 118. <b>Technical College</b> , Sydney—Students'<br>work.                                     | 130. <b>Clark &amp; Rowley</b> , Sydney—Station<br>map of New South Wales.          |
| CLASS 356—Libraries, Historic<br>Reports, &c.   | 131. <b>Cotton, Herbert W.</b> , Glen Innes—<br>Map of New South Wales, &c.         |
| 119. <b>Liversidge, Professor, F.R.S.</b> ,<br>University of Sydney—Scientific reports.       | 132. <b>Kelton, Arthur E.</b> , Albury—Topo-<br>graphical map.                      |
| CLASS 357—School and Textbooks,<br>Dictionaries, &c.  | 133. <b>Mines, Minister for</b> , Sydney—Geo-<br>logical maps, &c.                  |
| 120. <b>Greville, Edward</b> , Sydney—"Year<br>Book of Australia."                            | 134. <b>Postmaster-General</b> , Sydney—Postal<br>and telegraphic map.              |

## DEPARTMENT IV.

## Art.

## CLASS 400—Figures and Groups in Stone, &amp;c.

135. **Harrington, Charlotte**, Sydney—Model of aboriginal camp.
136. **MacCarthy, Charles W., M.D.**, Sydney—Plaster bust.
137. **Simonetti, Achille**, Sydney—Marble and plaster busts.
138. **White, James**, Sydney—Portrait busts.

## CLASS 405—Carvings in Wood or other Materials.

139. **Brown, John, Rockdale**—Carved emu eggs.
140. **Gaddes, G. W.**, Sydney—Oak brackets, carved.

## CLASS 406—Paintings in Oil.

141. **Art Society of New South Wales**, Sydney—Oil paintings by members.
142. **Folkes, Mrs. E. E.**, Dubbo—Oil painting.
143. **Nagel & Co.**, Newtown, Sydney—Oil paintings.
144. **Podmore, George**, Mossmans Bay—Oil painting.
145. **Waterlow, Paul L.**, Sydney—Oil painting.
146. **Woodhouse, E. B.**, Campbelltown—Oil paintings of stock.

## CLASS 407—Water-colour Pictures, &amp;c.

147. **Art Society of New South Wales**, Sydney—Water-colour paintings by members.
148. **Australian Joint-Stock Bank**, Sydney—Water-colour drawing.
149. **Dewhurst, Arthur**, Tamworth—Water-colour drawings for Christmas cards, &c.
150. **Folkes, Mrs. E. E.**, Dubbo—Water-colour drawings.
151. **Smith, W. Howard, & Sons**, Sydney—Water-colour drawings of steamers (non-competitive).
152. **Turner & Henderson**, Sydney—Water-colour drawings of Australian wild flowers.
153. **Waterlow, Paul L.**, Sydney—Water-colour paintings.
154. **Watson, P. Fletcher**, Sydney—Water-colour drawings.

## CLASS 410—Drawings with Pen, Pencil, or Crayons.

155. **Cotton, Herbert W.**, Glen Innes—Illuminated text, &c.
156. **Fisheries, Commissioners for N.S. Wales**, Sydney—Drawings of N.S.W. fishes.
157. **Ricketts, J. J.**, Sydney—Illuminated address.

## CLASS 411—Engravings.

158. **Bell, James, & Co.**, Sydney—Engravings and embossings.
159. **Electric Photo Engraving Company of Australia**, Sydney—Prints from photo-engraved blocks, &c.
160. **Picturesque Atlas Company of Australia**, Sydney—Engravings for atlas.
161. **Turner & Henderson**, Sydney—Die sinking and embossing on paper; lithos of wild flowers.

## CLASS 415—Photographs on Paper, Metal, Glass, &amp;c.

162. **Armidale Municipal Council—Armidale**—Photographs, from Imperial Jubilee Institute.
163. **Bathurst Municipal Council, Bathurst**—Photographs, from Imperial Jubilee Institute.
164. **Bayliss, Charles**, Sydney—Photographs, from Imperial Jubilee Institute.
165. **Boake, B. C.**, Sydney—Photographs.
166. **Campbelltown Municipal Council, Campbelltown**—Photographs, from Imperial Jubilee Institute.
167. **Caney & Co.**, Port Natal, South Africa, late Mt. Victoria—Photographs, from Imperial Jubilee Institute.
168. **Caspers, Rudolph**, Goulburn—Photographs.
169. **Commissioners for N.S. Wales**, Sydney—Photographs, from Imperial Jubilee Institute.
170. **Colonial Architect of N.S.W.**, Sydney—Photographs, from Imperial Jubilee Institute.
171. **Dewhurst, A.**, Tamworth—Photographs.
172. **Department of Public Works**, Sydney—Photographs, from Imperial Jubilee Institute.
173. **Domer, Henry**, Goulburn—Photographs.

# TROOD'S GIPPSLAND HOP BITTERS.

TRADE



MARK.

PUREST AND BEST.

A Grand Tonic, Appetiser, and Stimulant.

AGENTS—

MILNE & CO., Grenfell Street.

# SODA WATER MACHINERY

AND ALL ACCESSORIES FOR THE TRADE.

## BRATBY & HINCHLIFFE,

MANCHESTER.

CATALOGUES &c ON APPLICATION.

174. **Drinkwater, Charles**, Tamworth—Photographs, from Imperial Jubilee Institute.
175. **Forbes Municipal Council**, Forbes—Photographs, from Imperial Jubilee Institute.
176. **Freeman & Co.**, Sydney—Photographs.
177. **Geyer, Henry**, Hay—Photographs, from Imperial Jubilee Institute.
178. **Goodwin, Henry**, Sydney—Photographs of vehicles.
179. **Government Printer**, Sydney—Photographs, from Imperial Jubilee Institute.
180. **Hay Municipal Council**, Hay—Photographs, from Imperial Jubilee Institute.
181. **Herfort, Gustavus**, Yass—Photographs, from Imperial Jubilee Institute.
182. **Kiama Municipal Council**, Kiama—Photographs, from Imperial Jubilee Institute.
183. **Kerry & Jones**, Sydney—Photographs.
- 183a. **Lebinger, Carl**, Sydney—Photographs, from Imperial Jubilee Institute.
184. **Moriarty, E. O.**, Sydney—Photographs from Imperial Jubilee Institute.
185. **Mudgee Municipal Council**, Mudgee—Photographs from Imperial Jubilee Institute.
186. **Nagel & Co.**, Newtown, Sydney—Photographs.
187. **Newman, J. Hubert**, Sydney—Photographs.
188. **Paine, John**, Waterloo, Sydney—Photographs from Imperial Jubilee Institute.
189. **Randwick Municipal Council**, Randwick, Sydney—Photographs from Imperial Jubilee Institute.
190. **Russell, H. C.**, Sydney—Photographs from Imperial Jubilee Institute.
191. **Saunders, Robert**, Pymont, Sydney—Photographs from Imperial Jubilee Institute.
192. **Singleton Municipal Council**, Singleton—Photographs from Imperial Jubilee Institute.
193. **Slade, William**, Ashfield—Photographs from Imperial Jubilee Institute.
194. **Stevenson, J.**, Grafton—Photographs—
195. **Tamworth Municipal Council**, Tamworth—Photographs from Imperial Jubilee Institute.
196. **Tenterfield Municipal Council**, Tenterfield—Photographs from Imperial Jubilee Institute.
197. **Wark, William**, Kurrajong Heights—Photographs from Imperial Jubilee Institute.
198. **West Maitland Municipal Council**, West Maitland—Photographs from Imperial Jubilee Institute.
199. **Wilkins & Kennedy**, Dubbo—Photograph of factory.
200. **Young Municipal Council**, Young—Photographs from Imperial Jubilee Institute.

## CLASS 418—Industrial Designs.

- 201.
- Alford, Alice**
- , Sydney—Designs for embroidery, &c.

## CLASS 419—Agricultural Designs.

- 202.
- Preshaw, William F.**
- , Sydney—Architectural drawing.

## CLASS 425—Mosaic and Inlaid Work in Tiles, &amp;c.

- 203.
- Rutter, Samuel**
- , Armidale—Chess table of potichomanic work.

## CLASS 509—Machinery and Apparatus for Manufacturing Gas, &amp;c.

- 204.
- Smith, H. T.**
- , Sydney—Gas-making machine.

## DEPARTMENT V.

*Machinery.*

CLASS 514—Steam and other Hammers, &amp;c.

- 205.
- Macgregor, Harris, & Co.**
- , Sydney—Bellows (blacksmiths').

CLASS 521—Machines for Coining Metals, &amp;c.

- 206.
- Jones, Evan**
- , Sydney—Medal press.

CLASS 541—Type-Casting Machines, Stereotyping Apparatus, &amp;c.

- 207.
- Electric Photo Engraving Co. of Australia**
- , Sydney—Photo engraved blocks, &c.

CLASS 561—Beer Engines, Aerated Water Machines, &amp;c.

- 208.
- Smith, H. T.**
- , Sydney—Marble soda-water machine and aerating and bottling machine.

## CLASS 568—Wheels, Tires, Axles, &amp;c.

209. **Hogben, Edward**, Kogarah—Improvements in wheels and axles for railway rolling stock, &c.

## CLASS 569—Permanent Ways, &amp;c.

210. **Cowdery, George**, Sydney—Rails, chairs, &c.  
 211. **Thomas, Edwin Robins**, Sydney—Rails, chairs, &c.

## Exhibits Unclassified.

212. **McDonald, J. A.**, Sydney—Expansion roller for bridges.

## CLASS 588—Boats, Apparatus, &amp;c.

213. **Dawson, J. H.**, Sydney—Oars, sculls, &c.  
 214. **Stephenson & Son**, Sydney—Oars, sculls, and blocks.

## CLASS 592—Iron and Brass Castings, &amp;c.

215. **McLeod, Alexander**, Sydney—Brass castings, &c.

## DEPARTMENT VI.

*Agriculture.*

## CLASS 600—Timber and Trunks of Trees, Bark, &amp;c.

216. **Clarence River Agricultural Society**, Grafton—Collection of timbers, Clarence district.  
 217. **Cross, George J.**, Manning River—Collection of timbers.  
 218. **Donaldson, John**, Wingham—Manning River—Plank of cedar.  
 219. **Maiden, J. H.**, Sydney—Herbarium of indigenous plants.  
 220. **Mines, Minister for**, Sydney—Collection of New South Wales timbers, leaf specimens of N.S.W. timbers. N.S.W. timbers for wood engraving, tanning and other barks and fibres, and fibre barks of N.S.W. trees.  
 221. **Technological Museum, Trustees of**, Sydney—Slabs of N.S.W. timbers, barks, products, and drawings of timber trees, fibres, and fibrous barks.  
 222. **Warren, W. H., M.I.C.E.**, Sydney—Tested specimens of timber.

## CLASS 602—Ornamental Wood used for Decoration, &amp;c.

223. **Mines, Minister for**, Sydney—Turnery from N.S.W. timbers.

## CLASS 604—Gums, Resins, &amp;c.

224. **Mines, Minister for**, Sydney—Gums from N.S.W. forest trees.

## CLASS 608—Wheat.

225. **Brandt, Charles**, Tenterfield—Wheat.  
 226. **Corrin, John**, Tenterfield—Wheat (non competitive).

227. **Coulson & Naylor**, Orange—Wheat.

228. **Cram, Peter**, Young—Wheat.

229. **Dalton Brothers**, Orange—Wheat.

230. **Ditzell, Henry**, Inverell—Wheat.

231. **Faint, George**, Kelly's Plains—Red wheat.

232. **Hurst, William**, Bathurst—Wheat.

233. **Kelton, John L.**, Bungowannah, near Albury—Wheat.

234. **Klemke, J. G.**, Walla Walla—Purple straw wheat.

235. **Matthews & Son, George**, Bathurst—Wheat.

236. **Moffatt, Josias**, Armidale—Wheat.

237. **Orange Pastoral and Agricultural Society**, Orange—Wheat.

238. **Roberts, James**, Cootamundra—Purple straw wheat.

239. **Sim, Richard**, Carcoar—Wheat.

## CLASS 609—Oats, Barley, and Other Cereals.

240. **Bailey, William**, Gerrenong—Maize in cob.

241. **Bowden, G. B.**, Bolwarra, West Maitland—Planters' friend and millet seed.

242. **Broadhead, J. M.**, Bungonea—Cape barley.

243. **Crispin, George**, Grafton—Maize.

244. **Conlon, B.**, Windsor—Maize (six samples).

245. **Dickson, G.**, Windsor—Maize.

246. **Detzell, Henry**, Inverell—Barley.

247. **Faint, George**, Kelly's Plains—Barley and oats.

43. **Geehan, J.**, Windsor—Maize, barley, &c.  
 249. **Gow, Stephen H.**, Windsor—Maize.  
 50. **John, Thomas**, Richmond—Collection of seeds (grain).  
 251. **Orange Pastoral and Agricultural Society**, Orange—Oats and maize.  
 252. **Schofield, John**, Bathurst—Maize.  
 252. **Verco, Henry**, West Maitland—Maize.

**CLASS 614—Tobacco, Hops, Tea, Coffee, Spices, Herbs, Condiments, &c.**

- 263A. **Emery, D. J.**, Gilmore, via Adelong—Tobacco leaf.  
 54. **Hogg, S. P., & Co.**, Sydney—Condiments.

**CLASS 615—Seed and Seed Vessels.**

255. **Mines, Minister for**, Sydney—Seeds of New South Wales timber trees.

**CLASS 616—Oil, Scent, and Medicinal Plants.**

256. **Technological Museum, Trustees of**, Sydney—Drugs and medicinal plants, plants yielding volatile oil.

**CLASS 619—Flour—Crushed and Ground, Decorticated Grains.**

257. **Cram, Peter**, Young—Flour.  
 258. **Dalton Brothers**, Orange—Flour.  
 259. **Grover, Edward**, Glen Innes—Flour.  
 260. **Hayes, Henry**, Wagga Wagga—Flour.  
 261. **Matthews, Geo., & Son**, Bathurst—Flour.  
 262. **Orange Pastoral and Agricultural Society**, Orange—Flour.  
 263. **Sim, Richard**, Carecar—Flour.  
 264. **Tremain, William**, Bathurst—Flour.  
 265. **Wearne & Sons**, Ootamundra—Flour.

**CLASS 620—Preserved Vegetables, Fruits, &c.**

266. **Peacock, George**, Sydney—Jams and jellies.

**CLASS 621—Starch, Arrowroot, &c.**

267. **Crispin, George**, Grafton—Arrowroot and tapioca.  
 268. **Laurie, Alexander T.**, Rawdon Vale—Arrowroot, in packets.

**CLASS 622—Sugar and Syrups.**

269. **Colonial Sugar Refining Co.**, Sydney—Sugar, raw and refined; golden syrup and treacle.  
 270. **Garven, Andrew H.**, Clarence River—Sugar cane, 20 varieties.

**CLASS 625—Wine, the Produce of the Grape.**

271. **Barker, T. C.**, Maryland, Bringelly—Wines, six entries.  
 272. **Bouffier Brothers**, Sydney—Wines, 13 entries.  
 273. **Brecht, Carl**, Denman—Wines, entries.  
 274. **Campbell, George**, Rothbury—Wines, eight entries.  
 275. **Carmichael, G. T. & J. B.**, Porphyry, Seaham—Wines, six entries.  
 276. **Ditzell, John**, Inverell—Wines, two entries.  
 277. **Fallon, James T.**, Albury—Wines, ten entries.  
 278. **Fleming, G. T.**, Albury—Wines, five entries.  
 279. **Franis, George**, Port Macquarie—Wines, two entries.  
 280. **Frere, Leonce**, Albury—Champagne, dry and sweet.  
 281. **Gones & Son, J. T.**, Minto—Wines, ten entries.  
 282. **Harbottle, Alsop, & Co.**, Albury—Wines, eight entries.  
 283. **Hockings & Co.**, Sydney—Wines, 14 entries.  
 284. **Holmes, J. B.**, Allandale—Wines, four entries.  
 285. **Jack, David**, Inverell—Wines, six entries.  
 286. **Kelman, James**, Branxton—Wines, 16 entries.  
 287. **Mather, Thomas**, Inverell—Wines, four entries.  
 288. **Moore & Barnett**, Inverell—Wines, nine entries.  
 289. **Munro, Alexander**, Singleton—Wines, 12 entries.  
 290. **Munro, John**, Inverell—Wine, one entry.  
 291. **Stanley & Littlewood**, Sydney—Wines, three entries.  
 292. **Wilkinson, J. A.**, Sydney—Wines, eight entries.  
 293. **Wyndham, John**, Branxton—Wines, 18 entries.

**CLASS 626—Ale, Porter, &c.**

294. **Elwin, W. H., & Co.**; Orange—Draught ales and bottled ale and porter.  
 295. **Marks, S.**, Sydney—Lager beer, ale, and stout.

296. **McCallum & Co.**, Dubbo—Ale and porter (draught and bottle).  
 297. **McKenny & Parker**, Bathurst—Ale.  
 298. **Mullens, C. T.**, Bathurst — Ale (draught) and porter (bottle).  
 299. **Raymond Brothers**, Goulburn — Colonial stout.  
 300. **Stevens & Co.**, Dubbo—Ale and porter.

## CLASS 627—Cider, Perry, &amp;c.

- 301.
- Monk, D. J.**
- , Sydney—Vinegar.

## CLASS 628—Alcohols.

- 302.
- Colonial Sugar Refining Co.**
- , Sydney—Spirits, white and methylated spirits, and rum.

## CLASS 629—Liqueurs, Cordials, Bitters, Aerated Waters, &amp;c.

303. **James, Arthur B.**, Bathurst—Aerate 1 waters and cordials.  
 304. **Muller, Narcisse**, Dubbo — Aerated waters and cordials.  
 305. **Smith, H. T.**, Sydney—Cordials, bitters, and aerated waters.  
 306. **Watson & Young**, Albury and Corowa—Aerated waters and cordials.

## CLASS 630—Fish, Flesh, Fowl, Game, Eggs, &amp;c., Preserved.

307. **Commissioners for New South Wales Fisheries**, Sydney—Tinned fish.  
 308. **Sydney Meat Preserving Co.**, Sydney—Preserved meats, soups, &c.

## CLASS 631—Dairy Produce.

309. **Hanscombe, William**, Bega—Cheese.  
 310. **Hindmarsh, William R., Jun.**, Robertson—Butter.  
 311. **McGrath, J. & F.**, Burrawang—Butter.  
 312. **Wilson, William**, Lyttleton, near Bega—Cheese.

## CLASS 633—Honey and other Animal Products used for Food, &amp;c.

- 313.
- Hudson, F. A.**
- , Bathurst—Honey and comb foundation.

## CLASS 634—Skins, Hides, &amp;c., Tanned, Curried, and Dressed.

- 314.
- Arnold, A. E.**
- , Marrickville, Sydney—Compressed leather.

- 315.
- Berdsall & Son**
- , Botany, near Sydney—Morocco, &c.

- 316.
- Farleigh, Netthem, & Co.**
- , Sydney—Sole leather.

- 317.
- Forsyth, James, & Sons**
- , Sydney—Leather.

- 318.
- Grant, William**
- , Bathurst — Sole leather.

- 319.
- Loder, T. J.**
- , Taralga—Furs of indigenous animals.

- 320.
- Thompson Brothers**
- , Kelso—Leather &c.

- 321.
- Wilson, Affriatt S.**
- , Lawson—Tanned snake skins.

- 322.
- Young & Co., P. N.**
- , Sydney—Leather.

## CLASS 636—Whalebone, Bone, Horns, Hoofs, Animal and Fish Glue, &amp;c.

- 323.
- Parker, P. J.**
- , Bathurst—Glue.

## CLASS 637—Tallow, Stearine Candles, Lard, Animal Oils, &amp;c.

- 324.
- Sydney Meat Preserving Co.**
- , Sydney—Tallow.

## CLASS 641—Wool of Sheep, in Fleece, Washed, Scoured, &amp;c., Sheep or other Skins (Clip of 1887).

- 325.
- Black, John**
- , Muswellbrook—Fleeces of angora mohair.

- 326.
- Cooper, R. C.**
- , Tarago—Wool.

- 327.
- Dangar & Macdonald Bros.**
- , Wagga Wagga—Wool.

- 328.
- Hammond, Thomas W.**
- , Old Junee—Wool.

- 329.
- Haydon, B.**
- , Blandford—Wool.

- 330.
- James & Gray**
- , Corowa—Wool.

- 331.
- Mulholland, George**
- , Wagga Wagga—Wool.

- 332.
- Pearse & Co., T. S.**
- , Orange—Collection of wool.

- 333.
- Technological Museum, Trustees of**
- , Sydney—180 specimens of wool.

- 334.
- Woodhouse, E. B.**
- , Campbelltown—Wool.

## CLASS 644—Cotton.

- 335.
- Hewitt, T. G.**
- , Grafton—Raw cotton.

## CLASS 660—Wild Animals Stuffed, &amp;c.

- 336.
- Australian Museum Trustees**
- , Sydney—Illustrations of natural history of Australia.

CLASS 667—Tillage, Manual Implements, Machinery, &c.

337. **Dadd, Edward**, Armidale—Plough.  
 338. **Manners, John**, Taree, Manning River—Plough.  
 339. **Marsh, J. H.**, Blayney—Plough.  
 340. **Weingarth, T. J.**, West Kempsey—Plough.

CLASS 671—Applicable to Farm Economy.

341. **Wolseley, F. Y.**, Melbourne—Steam sheep-shearing machine.

CLASS 673—Laying Out and Improving Farms, Apparatus for Excavating Tanks, &c.

342. **Wolseley, F. Y.**, Melbourne—Excavator (tank and drain, &c.).

CLASS 674—Manures.

343. **Green, Thomas**, Alexandria, Sydney—Bonedust manure.  
 344. **Parker, P. J.**, Bathurst—Bonedust.  
 345. **Sydney Meat Preserving Co.**, Sydney—Fertiliser.

CLASS 675—Transportation—Waggons, Carts, &c.

346. **Goodwin, Henry**, Sydney—Waggons, lorries, tip drays, spring cart, &c.

## DEPARTMENT VII.

### *Horticulture and Floriculture.*

CLASS 700—Fruits of Temperate and Semi-Tropical Regions.

347. **Crispin, George**, Grafton—Pumpkins, grammas, and oranges.  
 348. **Jackes Brothers**, Armidale—Apples and nuts.  
 349. **Jacob, R.**, West Maitland—Collection of chillies.  
 350. **Marshall, Peter**, Perth, near Bathurst—Pumpkins and melons.  
 351. **Trevitt, George**, Bathurst—Baking apples.  
 352. **Volckers, H. A.**, Grafton—Shadocks.

CLASS 711—Floral Designs, &c.; Cut and Dried Flowers, &c.

353. **Cocks, G. W.**, Kiama—Dried and mounted orchids and ferns.  
 354. **Kennedy, Mrs. M. B.**, Warnaminta, Wilcannia—Dried grasses and fodder plants.  
 355. **Technological Museum, Trustees of**, Sydney—Specimens of plants, drawings, &c. (Australian).

CLASS 717—Tools and Implements, Pumps, &c.

356. **Macgregor, Harris, & Co.**, Sydney—“Boss” garden pump.



# QUEENSLAND EXHIBITS.

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## DEPARTMENT I.

### *Mining, Metallurgy, and their Products.*

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#### CLASS 106—Minerals (Combustible), &c.

1. Brydon, Jones, & Co., Eagle-street, Brisbane—Manufactured smelting coke.
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## DEPARTMENT II.

### *Manufactures.*

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#### CLASS 109—Clays, Kaolin, Silax, Fire Clay, &c.

2. Rogers, Richard H., Martin-street, Ipswich, Queensland—Pressed fire-bricks, pressed common bricks, sand stock bricks.

#### CLASS 297—Indiarubber Manufactures.

3. Cregan, John M., 136, Queen-street, Brisbane—Rubber stamp plant.
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## DEPARTMENT IV.

### *Art.*

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#### CLASS 351—Elementary Schools, &c.

4. Fewtrell, John, State School, Harrison's Pocket, North Pine—Spelling and notation apparatus for use in teaching spelling.
5. Fewtrell, John, State School, Harrison's Pocket, North Pine—School slate and ball frame combined for use of children.

#### CLASS 406—Paintings in Oil.

6. Austin, Wm., Dickens-street, Brisbane—Water-colour painting, historical picture, "Arrival of First Gold Escort in Melbourne—in William-street;" painted by the exhibitor.

7. Drewet, Mrs., Main-street, Kangaroo Point, Brisbane—Two oil paintings—  
"Garden Reach, Brisbane."  
"View near Brisbane."

#### CLASS 411—Engravings.

8. Cregan, John M., 136, Queen-street, Brisbane—Engraving.
9. McKellar, Alexander R., 140, Elizabeth-street, Brisbane—Copperplate engraving, original.

#### CLASS 413—Lithographs.

10. McKellar, Alexander R., 140, Elizabeth-street, Brisbane—Samples of lithography, original.

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 DEPARTMENT V.

 Machinery.
 

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 CLASS 540—Printing and other  
Presses.

- 11.
- Cregan, John M.**
- , 136, Queen-street,
- 
- Brisbane—Printing machinery.
- 

## DEPARTMENT VI.

 Agriculture.
 

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 CLASS 620—Preserved Vegetables  
and Fruits.

- 12.
- Skinner, B.**
- , 136, Albert-street, Brisbane
- 
- Preserved provisions—turtle, beche de
- 
- mer, pine apples, and other varieties.

## CLASS 621—Starch, Arrowroot, &amp;c.

- 13.
- Lahey, F., & Sons**
- , Arrowroot Manu-
- 
- facturer, Pimpama, Queensland—Trophy,
- 
- arrowroot packet; small box loose arrow-
- 
- root.

## CLASS 622—Sugar and Syrups.

- 14.
- Smith, Thos. L.**
- , Woodlands Plantation,
- 
- Marburg, Queensland—Bag sugar, three
- 
- bottles golden syrup, made on the planta-
- 
- tion 1886.

## CLASS 629—Liqueurs, Cordials, &amp;c.

- 15.
- The Helidon Spa Water Co.**
- , Eliza-
- 
- beth-street, Brisbane — Natural mineral
- 
- waters, aerated waters, cordials.

## CLASS 630—Preserved Meats, &amp;c.

- 15A.
- Central Queensland Meat Pre-  
serving Co.**
- , Rockhampton, Queensland
- 
- Preserved meats.

## CLASS 637—Tallow, &amp;c.

- 16.
- Ruddell, Rd.**
- , Bundaberg, Queensland—
- 
- Block best No. 1 Crown soap.

## CLASS UNENUMERATED.

- 17.
- Nielsen, Sophie**
- , corner of Norman and
- 
- Stanley-streets, Woolloongabba, East Bris-
- 
- bane—Handwork in hair.
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# NEW ZEALAND EXHIBITS.

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## DEPARTMENT I.

### *Mining, Metallurgy, and their Products.*

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#### CLASS 108—Cements.

1. **Blaikie, James Barclay**, Auckland—  
Blaikie's patent fire-resisting plaster.
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## DEPARTMENT II.

### *Manufactures.*

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#### CLASS 217—Heavy Furniture.

- 1A. **Bayne, Walter**, Wood's Buildings, Karangahape-road, Auckland — One lady's escritoire.

#### CLASS 242—Blankets, Rugs, &c.

2. **Kaipoi Woollen Manufacturing Co., Limited**, The, Christchurch — Tweeds, rugs, shawls, flannels, blankets, &c.

#### CLASS 259—Ready-made Clothing.

3. **Georgeson, George, & Co.**, Wellington—Suits clothing, and ladies' habits.
4. **Kenwick & Son**, Dunedin—Machine-knitted goods: jerseys, hosiery.

#### CLASS 283—Medicines.

5. **New Zealand Patent Medicine Manufacturing Co., Limited**, Auckland—Vegetable compounds from New Zealand plants, Hitchen's patent medicines.

#### CLASS 294—Hardware used in construction, &c.

6. **Harrington, James**, Invercargill—Shod feet and horse shoes.

#### CLASS 294—Hardware.

7. **Reid, J. S.**, Dunedin—Reid's patent "triplex" permanent wire strainer, Reid's patent titan wire strainer and splicer.
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## DEPARTMENT III.

### *Education and Science.*

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#### CLASS 357—School and Text-books, Newspapers, &c.

8. **Reid, R. C.**, Dunedin—Newspaper, viz., *The Australian Times and Anglo-New Zealander*.
9. **Stone, Son, & Co.**, Dunedin—Directories of Dunedin, Otago, and Southland; maps of Dunedin, Otago, &c.

#### CLASS 405—Carvings in Wood, &c.

10. **Huckles, Joseph**, Dunedin—Fancy tables made of New Zealand woods, and carved wood ornaments.

**CLASS 406—Paintings in Oil.**

11. **Moultray, J. Douglas**, Dunedin—Three framed oil paintings—
  1. "Wet Jacket Arm, Dusky Sound."
  2. "In George Sound, West Coast."
  3. "Sky Breaking after Rain, Lake Wakatipu."
12. **Smith, Frank Brooke**, Dunedin—Four landscapes in oils.
13. **Laurence, W. Wilson**, Dunedin—Two oil paintings New Zealand scenery.

**CLASS 407—Water-colour Pictures.**

14. **Morton, Samuel H.**, Invercargill—Four water-colours—
  1. "Mitre Peak, Milford Sound."
  2. "Pembroke Peak, Milford Sound."
  3. "Te Tarata, White Terrace."
  4. "Te Ranghpham, Pink Terrace."

**CLASS 411—Engravings.**

15. **Caxton Steam Printing Co.**, Dunedin—Engravings from stone: lithographs, zincographs, chromo-lithographs, and specimens of printing in various styles.

**CLASS 415—Photographs.**

16. **Barleet, R. H.**, Auckland—Photographs of New Zealand scenery.
- 16A. **Corporation of Invercargill, N.Z.**—Photographic views, &c., of City of Invercargill.
17. **Morris, J. R.**, Dunedin—Instantaneous photographs, bromo-gelatine enlarged photographs.
18. **Jones, T. L.**, Dunedin—Photographs.
19. **Burton Brothers**, Dunedin—Photographs of New Zealand scenery.

**CLASS 426—Inlaid Work.**

20. **Stewart, James**, Dunedin—Inlaid cabinet work, small tables in ornamental N.Z. woods.

**CLASS 429—Miscellaneous Objects in Art.**

21. **Danneford, S.**, Auckland—Green stone and kauri-gum ornaments and New Zealand curios.

**CLASS 508—Machines and Apparatus for Chemical and other Manufactures.**

22. **Lamblin, E.**, Wellington—Press for cutting and stamping soap.

*DEPARTMENT V.**Machinery.***CLASS 524—Machine for the Manufacture of Woollen and other Goods.**

23. **Gibbons, Robert George**, Wellington—Fancy wool-working and patent rag machine, small machine worked by hand.

**CLASS 576—Confectioners' Machinery.**

24. **Tezza, S. M.**, Wellington—Two new pattern comfit pans, two paste machines, one coconut cutting; steam required, half-horsepower.

*DEPARTMENT VI.**Agriculture.***CLASS 623—Bread, Biscuits, &c.**

25. **Tezza, S. M.**, Wellington—Sweets, confectionery, preserved fruit, dry fruits, &c.

**CLASS 631—Dairy Produce.**

26. **Gore Dairy Factory Co.**, Invercargill—Cheese.

**CLASS 641—Wool of Sheep.**

27. **Young & Dalgety**, Omarama, Otago—Merino wool scoured.

# THE COLONY OF SOUTH AUSTRALIA.

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TAKING for the date of its birth that day on which its first Governor landed and planted the British flag on the shores at Glenelg, December 28th, 1836, South Australia completed its fiftieth year on the 28th December, 1886.

South Australia was not the offshoot from another colony. It was a distinct and independent individual; not a cutting nor a layer, but with roots and stem and branches it had its own complete and compact being. Besides, it had novelties in its composition. It was the exponent of a new theory of colonization evolved by Edward Gibbon Wakefield. Nature gave the land, and the sale of this was to supply the capital for the introduction of labour necessary to raise the wealth from it which should provide for its future life.

In anticipation of the funds to be thus ultimately acquired from land, a sufficient loan had been authorised by the mother country.

So, at its birth a fresh response was given to the prayer of the great Milton, who, in 1641, "implored that that Divine Power which had built up the Britannic Empire to a glorious and enviable height, with all her daughter islands about her, would stay us in this felicity;" and an additional illustration was started of Penn's theory (1680), who said "that colonies are the seeds of nations, begun and nourished by the care of wise and populous countries."

In 1832 there was a great want of employment in England, and a not inconsequent desire amongst all classes for emigration

In 1833 Coleridge wrote:—"Colonization is an imperative duty on Great Britain. God seems to hold out his fingers to us over the sea; but it must be a colonization of Hope, not, as has happened, of Despair."

Under these conditions of public opinion and national requirements was it that authority was sought to establish a new colony in Australia; and, much aided by the great Duke of Wellington, an Act of Parliament was passed in 1834 for the founding of South Australia.

The execution of the Act was placed in the charge of a Board of Commissioners, whose members were Colonel Torrens, F.R.S. (Chairman), George Fife Angas, Edward Barnard, William Hutt, John George Shaw LeFevre, William Alexander Mackinnon, M.P., Samuel Mills, Jacob Montefiore, George Palmer, and John Wright, Esquires, with George Barnes, Esq., Treasurer, and Rowland Hill, Esq. (afterwards Sir Rowland, author of the penny post system), as Secretary.

The Governorship was first offered to but declined by Colonel Charles James Napier (afterwards Sir Charles), the hero of Scinda. The Surveyor-Genera

appointed was Colonel Light, who had served with distinction under the Duke of Wellington in the Peninsular War. To him we owe the admirable selection of the site of Adelaide.

The colony now possesses a territory of 914,730 square miles, or nearly one-third of the so-called continent of Australia. Its northern boundary on the Indian Seas comprises that section of the coast which first made known to the world the existence even of Australia. This occurred in the year 1616, when the Dutch navigator Zeachen sighted the shore, and called it Diemen's Land, after the then Dutch Governor-General at Java. That was the most northern portion of our present Northern Territory.

The southern boundary of South Australia was the latest discovered of all the shores of Australia. This was the work of Flinders, to whom and at whose request the British Admiralty had given the command of the ship Investigator for exploring purposes. This occurred in 1802, shortly after Flinders and Bass had discovered that Tasmania was not a part of the main land of Australia—but an island severed from the continent by Bass's Straits.

Twenty-eight years after Flinders had mapped our southern coasts, Charles Sturt found the River Murray and followed it down from New South Wales to the junction of the Darling, and into South Australia—or 1,000 miles—to the sea.

Flinder's revelations of the coast in 1802-3, and Sturt's report on the valley of the River Murray in 1831, constituted the evidence upon which, in the same year in London, a few gentlemen discussed the propriety of founding a colony in this part of Australia. In 1834 an Act of the Imperial Parliament authorised the work. In August, 1836, the first survey party arrived under command of Colonel Light, with whom were officers who have survived Colonel Light, and are still with us, namely, the Hon. B. T. Finnis, Mr. Jacobs (of Moorooroo), Mr. Lindsay (of Encounter Bay). Ships with settlers and immigrants and stores arrived month by month in succession till, on the 28th December of the same year, the first Governor, Captain Hindmarsh, R.N., reached our shores, and, landing on December 28th at Holdfast Bay, formally took possession of the land in the name of the then British Sovereign, King William IV.

Inland, South Australia is bounded on the west by Western Australia, and on the east by Victoria, New South Wales, and Queensland.

On this occasion of celebrating the fiftieth year of the colony it will be appropriate to publish our debt of gratitude to its "fathers and founders." Their work has ended, and they mostly have passed away; we remain and reap the fruits of their labours.

Probably due to the fact that so little was known of the lands of the colony, intending investors were slow to move. Eventual success came through Mr. Geo. Fife Angus establishing the South Australian Company, whose purchases of land satisfied all requirements. Later on Mr., afterwards Sir James Hurtle Fisher, became Resident Commissioner to the colony.

The Act authorising the founding of the colony defined certain guiding principles. Funds for starting the colony were to come from the sales of the land, the revenue obtained in ordinary ways should pay for its government. The colony was not to

be a charge on the mother country. For this purpose land was to be sold at a sufficient price, and not under £1 per acre. This principle demanded that settlers should be sufficiently capitalists able to profitably work the land. Three-fourths of the payments for land was to be invested in bringing our labour, the rest to roads and bridges. Thus three elements of success were gained—capital, labour, and means of general traffic.

The settlement was to be regulated in groups in order to secure the advantages of neighbouring communities. For this end the lands generally were to be surveyed in small blocks, a standard of 80 acres per section being adopted. The sales were to be by public auction, so that the evils of large monopolies might be avoided. Emigration was to be as much as possible by families. In the opinion of the writer these principles of action were well attained, as indeed the occupation of the Adelaide plains under the first surveys to this day bear witness, in the compact farms and grouped gardens, and frequent townships, and the network of roads, telegraph wires, mails, post and other conveyances, and advantages of concentrated dwellings, which appear on all sides. And so long as care was taken not to offer lands for sale until there was a *bona fide* demand for them, with a fair chance of healthful competition, no monopoly evil could readily have arisen. In those days the land fund was kept separately, and was rigidly devoted to the purposes the Imperial law had assigned to it.

The practice had not till then obtained of looking on the land fund as ordinary revenue; nor would that have been a legal appropriation.

But if it be grateful on this occasion to recall to mind the benefits conferred on us by our "fathers and founders," it is equally incumbent on us not to overlook the long list of sturdy settlers, colonists of all professions and classes, officials, civilians, pastoralists, and farmers, whose intelligence and pluck, energy and perseverance, hardy daring and untiring labours, sterling character, and unflinching bravery have effected that great conquest of a savage land, growing meat and wool off hundreds of thousands of square miles recovered from the wilderness, where forests have been reduced to smiling wheatfields, marshes to garden grounds, hills to terraced fruit grounds and vineyards, and who have constructed cities and towns, harbours and highways, railways and metalled roads, telegraph and telephones, to so vast an extent, considering the few years and with so limited a population.

Then need we extend our vision outside the circle of those officially, or as members of trading corporations, or as settlers whose labours have so greatly and beneficially promoted our growth over our life of fifty years, and now thankfully recognise that what of the healthy functioning of our social and political life is subject to, and can be strongly influenced for good or evil by, the imperial agencies acting on and with our national being, the colony has been second to none in the valuable services rendered to it by the Governors who have respectively held the high position of Her Majesty's representatives amongst us.

From the hour of our colony's birth—less the interval of the 174 days between that event on the 28th December, 1836, and the 20th June, 1837—have the benign influences of Queen Victoria's eventful and illustrious reign presided over our Imperial interests. When, on the 20th June, 1837, Her Majesty ascended the throne, this colony lay in its wildest state of nature. The kangaroo and emu

fed over the glades of the Adelaide plains, interspersed amongst the somewhat dense thickets of wattles, sheoaks, and lofty gumtrees. Here peace and silence were undisturbed except by the hunting aborigines, whose coo-ees in the daytime were heard from the hills, and the doleful cries of howling dingoes at night. Beyond the erection of a few tents of reedy breakwinds, and of wooden ready-made houses brought with them by the colonists from London, and of a few felled trees for firewood and other immediate wants, or for the surveyors' labours, and beyond the anchoring of a ship off the coast, and the haulage of goods to and on shore, no impress of a civilised occupation yet marked the founding of a colony. Fifty years of life have passed, and the colony is what we this day see it, and what the sub-joined statistics declare it to be. Fifty years of our life have passed under the reign of our gracious Queen Victoria—Queen of Great Britain and Ireland, Empress of India and the Colonies—whom God yet long preserve, whose Jubilee sovereignty we now blend with our own.

The increase of population during the year 1886 was, by births 6,943, by immigration 1,208, making the total number on the 31st of December, 312,739 persons, composed of 164,877 males, and 147,904 females. In 1875 the population was 210,439, and in 1880 it was 267,573. During the year 1884, 356 foreigners obtained letters of naturalisation, and thereby became British subjects; of these 44 were Russians, 136 Germans, 114 Chinese, and the others made up of various nationalities. The proportion of births per thousand of the population was 35·32, the proportion of marriages 6·24 per thousand, and the proportion of deaths 18·38 per thousand.

The area of land alienated from the Crown in 1886 was 9,527,760 acres. In 1875 it was little over 6,000,000 acres. The shipment of wool amounted in 1886 to £1,955,207. The shipment of minerals amounted in 1886 to £684,797. The production of wine in 1884 was 473,535 gallons.

The value of imports amounted in 1875 to £4,203,802; in 1886 £4,852,750. The value of exports amounted in 1875 to £4,805,050; in 1886, £4,489,000. The proportion of imports from the United Kingdom in 1886 was £1,973,647, the balance being from other places. The combined import and export trade of the colony was in 1875, £9,008,851; in 1886, £9,341,758.

The arrivals of shipping were in 1884—British, 768,301 tons; foreign, 141,034 tons; total, 909,335 tons. The number of vessels belonging to Port Adelaide were—in 1875, steamers, 75, tonnage, 7,443; sailing vessels, 212, tonnage, 24,948. In 1886, steamers, 93, tonnage, 12,109; sailing vessels, 220, tonnage, 26,789.

# SOUTH AUSTRALIAN EXHIBITS.

## DEPARTMENT I.

### *Mining, Metallurgy, and other Products.*

#### CLASS 100—Geological Collections.

1. **Brown, H. Y. L., F.L.S.**, Government Geologist, Adelaide—Specimens of rocks and fossils.
2. **Chamber of Manufactures, Adelaide**—Specimens of strata upon which the city of Adelaide stands.
3. **Jones, J. W.**, Conservator of Water, Adelaide—Specimens of bores, &c., undertaken by the Water Conservation Department.
4. **Lawrence, V.**—Valuable mineral specimens.
5. **Martin, John**—Petrified tree, &c.

#### CLASS 101—Samples of Reef and Alluvial Gold, &c.

6. **Jansen, Olaf**, Palmerston, Northern Territory—Quartz specimens from various claims, N.T.
7. **Proprietors of Eleanor Reef, Pine Creek, Northern Territory**—65 ozs. alluvial gold and auriferous specimens.

#### CLASS 102—Ores of Copper, &c.

8. **Horn, T. S.**, Adelaide—Silver ore from Eureka Mine, Woodside, with assays.
9. **Parsons, Hon. J. L.**, Government Resident, N.T.—Specimens of copper ore from River Daly mines.
10. **Parsons, Hon. J. L.**, Government Resident, N.T.—Specimens of copper ore and quartz specimens.
11. **Patrick, William**, Hillside, Kapunda—Collection of ores of copper and assorted rocks, &c.
12. **Tregillas, Daniel**, Belair—Collection of copper ores and other minerals.

#### CLASS 103—Ores of Silver, Tin, Iron, &c.

13. **Adamson, H. M.**, Adelaide—Samples of ulamanite.
14. **Davenport, Sir Samuel**, Beaumont—Iron ore.

15. **Royal Commissioners for S.A.**—Tin from Northern Territory smelted in Adelaide.
16. **Singleton, F. C.**, Adelaide—Ore from Aclaire Silver Mine, Woodside, and assays.

#### CLASS 104—Collection of Minerals, systematically arranged.

17. **Austin, J. B.**, Freeman-street, Adelaide—Rocks, minerals, and mining products.

#### CLASS 107—Building Stones—Rough, hewn, sawn, &c.

18. **Allen, John**, Delabole Slate Quarries, Willunga—Slates and flagging.
19. **Bassett, Fred F.**, Trade Exchange, Gresham-street—Slates and flagging.
20. **Board of Governors, Public Library**—Collection of building stones.
21. **Bundey, Wm.**, Teatree Gully Quarry—Freestone pedestal and column.
22. **Hanson & Evans**, Waymouth-street, Adelaide—Marble and granite monuments and headstones.
23. **Kapunda Marble Co.**, Kapunda—Marble for building and ornamental work.
24. **Kelly, Thos.**, Mount Gambier—Dressed stone.
25. **Stirling District Council**, Mount Lofty—Blocks of freestone.

#### CLASS 108—Cements.

26. **Gawler Lime and Produce Co.**, 86, Waymouth-street, Adelaide—Specimens of lime and limestone.

#### CLASS 109—Clays, Kaolin, Silix, Fire Clay, &c.

27. **Hawke, James**, Teatree Gully—Fire clay, pipe clay, and sand.
28. **Kempson, H.**, Teatree Gully—Pipe clay.

**CLASS 115—Copper—In cakes, tiles, ingots, bars, &c.**

29. **Walleroo Mines, Limited**, Adelaide—Trophy of refined copper made at the Company's smelting works, Wallaroo, Y.P.

**CLASS 120—Geological Maps, Sections, and Plans of Goldfields, &c.**

30. **Jones, J. W.**, Conservator of Water, Adelaide—Map of natural waters in the colony.

## DEPARTMENT II.

### Manufactures.

**CLASS 200—Chemicals—Pharmaceutical Preparations, &c.**

31. **Adelaide Chemical Works**, New Thebarton—Mineral acids; sulphates and chemical manures, &c.
32. **Cross, Chas.**, Chemist, Gawler, S.A.—Medicines.
33. **Faulding, F. H., & Co.**, 42 and 44, King William-street—Chemicals, &c.
34. **Fowler, D. & J.**, King William-street, Adelaide—Baking powders, pharmaceutical preparations, &c.
35. **Fry, H., Mrs.**, 208, Gover-street, North Adelaide—Fry's patent Australian ointment.
36. **Macklin, Hall, & Co.**, Franklin-street, Adelaide—Insect destroying powder.
37. **Moseley, H. J.**, Pink Lake Salt Works, Yorketown, Y.P.—Table, household, and curing salt, and lake salt.

**CLASS 201—Oils from Mineral, Animal, and Vegetable Sources, &c.**

38. **Barnard, G. L.**, Walkerville—Olive oils.
39. **Burford, W. H., & Sons**, Sturt-street, Adelaide—Stearine candles, soaps, axle grease, and animal oil.
40. **Burford, W. H., & Sons**, Sturt-street, Adelaide—Tallow, &c.
41. **Corporation of the City of Adelaide**—Olive oil produced in South Australia from fruit grown in the City Plantations.
42. **Fowler, D. & J.**, King William-street, Adelaide—Oils, &c.
43. **Jacobs, J. C.**, Moorooroo—Olive oil.

**CLASS 203—Paints, Pigments, Dyes, Colours, &c.**

44. **Lapidge, J. T.**, King William-road, Unley—Paints, ochres, australsomine, &c.

**CLASS 205—Tobacco (manufactured), Cigars, Cigarettes, &c.**

45. **Cameron, Wm., & Co.**, Virginia Factory, Grenfell-street—Tobaccos.

46. **Schmidt, H. G. & Co.**, Nelson-street, Stepney—Cigars, and process of manufacture.

**CLASS 206—Bricks, Drains Tiles, &c.**

47. **City and Suburban Steam Brick Co.**, Blackwood; Office, Pirie Chambers, Pirie-street—Bricks and their manufacture.
48. **Cole, E.**, Rundle-street East, Adelaide—Plaster of Paris figures and brackets.
49. **Shearing, W., & Co.**, Hindmarsh—Terra-cotta, bricks and tiles, drain pipes, &c.
50. **Trewenack, J. H.**, Magill Pottery, Magill—Drain pipes and terra-cotta ware.
51. **Zoerner, M. M. J.**, Lobethal—Pottery.

**CLASS 207—Fireclay Goods—Crucibles, Pots, &c.**

52. **Trewenack, J. H.**, Magill Pottery, Magill—Fireclay goods and chemical stoneware.

**CLASS 208—Tiles—Plain Enamelled, Encaustic, &c.**

53. **Trewenack, J. H.**, Magill Pottery, Magill—Pavement tiles.

**CLASS 210—Stone China, for Chemists, Druggists, &c.**

54. **Trewenack, J. H.**, Magill Pottery, Magill—Earthenware and stoneware.

**CLASS 214—Glass used in Construction and for Mirrors, &c.**

55. **Bishop & Willis**, Glass Manufactory, Brompton—Glassware.
56. **Gardiner, Joseph**, Port-road, Hindmarsh—Plate glass.

**CLASS 217—Heavy Furniture—Chairs, Tables, &c.**

57. **Adams, Edward A.**, Hindmarsh-square East—Miniature chest of drawers.

# GIBBS, BRIGHT, & CO.,

## General Merchants,

### GRENFELL ST., ADELAIDE.

Agents for the following Exhibitors:—

- JNO. WALKER & SONS, Kilmarnock—Whisky.  
DITTMANN & SAUERLANDER, Aix-le-Chapelle—Pilsner Beer.  
NEWCOMB & SONS, London—Tottenham Lager Beer.  
ST. MARCEAUX & Co., Reims—Champagne.  
BROWNS & Co., Glasgow—Cornflour.  
PEMBERTON & HILL Co., Richmond—Tobacco.  
SWANSEA PATENT FUSE Co., Swansea—Fuse.  
F. S. CLEAVER & SONS, London—Fancy Soaps and Perfumery.  
WM. HEPTON & SONS, Leeds—Brassware.  
MOREWOOD & Co., Limited, Birmingham—Brassware.  
J. DEWHURST & SONS, Skipton—Sewing Cotton.  
SALFORD AND IRWELL RUBBER Co., Salford—Rubber Goods.  
COWAN & Co., Edinburgh—Water Meters.  
COWAN, W. & B., Edinburgh—Gas-testing Apparatus.  
H. P. SKIDMORE, Dudley—Boring Tubes, &c.  
UNITED HORSESHOE NAIL Co., London—Horseshoes and Nails.  
WOODHOUSE & RAWSON, London—Electric Fittings, &c.  
NAISH & SONS, London—Planing Machinery.  
SHATTOCK, HUNTER, & Co., Bristol—Saddle Trees.  
W. SHANKS & SONS, Arbroath—Engines and Machinery.  
MERRYWEATHER & SONS, London—Irrigation Pumps.  
HEARN & Co., London—Glass Bottles.  
FORD & Co., Tunstall—Earthenware.  
BELFAST ROPEWORK Co., Belfast—Rope, Twine, and Lines.  
W. D. HARRY & Co., Deptford—Linoleums.  
ARTISTIC STATIONERY Co., London—Stationery.  
F. H. BOWDEN & Co., London—Specialities.  
J. F. P. MASSIE, London—Charts, &c.  
LINCOLN, BENNETT, & Co., London—Hats.  
B. FINCH, London—Sanitary Appliances.  
C. WADMAN, Bath—Artistic Furniture.  
MILLER & JOHNSTON, London—Chemical Manure.  
ANGLO-CONTINENTAL GUANO Co., London—Dissolved Guano.  
CHAMBER OF COMMERCE, Limoges—China Ware, Painted Ware, Bronze  
Statuary, Hardware, Tools, &c., Silk Laces and Braids, Eider-down Quilts, &c.  
BRITISH NORTH BORNEO Co.—Borneo Products.

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INDENTS executed on the most favourable terms for all  
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## VICTORIA HOTEL.

MRS. E. TAYLOR, Proprietress.

This Hotel is one of the most centrally situated in the City, and is in close proximity to the Adelaide Railway Station.

Suites of Rooms for Private Families.

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Do not fail to visit **HARDY'S ARCADE WINE SALOON**, where you will be able to obtain the Oldest and Finest WINES.

MRS. HAYS, Proprietress.

58. **Brice, Richard**, Marion-street, Adelaide—Inlaid octagon table, consisting of over 8,000 pieces colonial woods.
59. **Duncan & Fraser**, Franklin-street, Adelaide, and Caledonian Works, Kilkenny—Show desk and album stand made from colonial blackwood.
60. **Evans, Wm. Poole**, York Hotel, Adelaide—Toilet stand.
61. **Gaetjens, Ferdinand**, Elbe Villa, Wakefield-street—Fretwork music stand and decanter holder.
62. **Gay, P.**, Arcade, Adelaide—Billiard table.
63. **Huwald, Herman**, Pirie-street, Adelaide—Cabinet in walnut.
64. **Lindo, Caroline J.**, Whitmore-square—Firescreen of seedwork, and needlework centre.
65. **Mayfield, S., & Sons**, Rundle-street, Adelaide—Furniture and upholstery.
66. **Reid, T. S.**, Childers-street, North Adelaide—Verandah tea table.
67. **Royal Commissioners for South Australia**—Photograph and cereal stands, &c., made from S.A. timber.
- 67A. **Simpson, Fredk.**, O'Connell-street, North Adelaide—Drawing-room suite.
68. **Simpson, F.**, O'Connell-street, N.A.—Drawing-room suite in tapestry and plush.
69. **Simpson, A., & Son**, Gawler-place, Adelaide—Iron and brass bedsteads.
70. **Wells, Bedford**, Gladstone-road, Prospect—Show case on table in walnut and cedar, made to contain the work by J. W. Barnes ("A Tribute to Apollo").

**CLASS 219—Mirrors, Stained and Enamelled Glass, &c.**

71. **Evans, Wm. Poole**, York Hotel, Adelaide—Fretwork mirror.
72. **Wigg, E. S., & Son**, Rundle-street, Adelaide—Glacier decorations (imitation stained glass).

**CLASS 220—Gilt Cornices, Brackets, Picture-frames, &c.**

73. **Honey, R.**, Lion Timber Yard—Port Adelaide—Case of mouldings, turnery, &c.
74. **Molton, A., & Son**, Flinders-street, Adelaide—Picture frames, &c.
75. **Reid, T. S.**, Childers-street, North Adelaide—Canework bracket shelf.
76. **Wolf, Anton**, Nuriootpa—Fancy frames.
77. **Wigg, E. S., & Son**, Rundle-street, Adelaide—Picture framing, mount cutting and gilding.

**CLASS 223—Apparatus and Fixtures for Heating and Cooking, &c.**

- Simpson, A., & Son**, Gawler-place, Adelaide—Cooking ranges, patent ovens, kerosine stoves, &c.

**CLASS 225—Kitchen and Pantry Utensils.**

79. **Rhodes, W. & T.**, Rundle and Wyatt-streets—Plumbing and tinware.

**CLASS 226—Laundry Appliances—Washing Machines, &c.**

80. **Fotheringham, G.**, Mellor Park, Port Adelaide—Portable combination boiler.

**CLASS 227—Bathroom and Water-closet, Shower, and other Baths, &c.**

81. **Rhodes, W. & T.**, Rundle and Wyatt-streets—Bath and sanitary appliances.
82. **Simpson, A., & Son**, Gawler-place—Galvanised-iron baths.

**CLASS 228—Manufactured Parts of Buildings, &c.**

83. **Beare, E. & Co.**, Hindmarsh-square, Adelaide—Venetian, wire, Spanish, and box blinds, and Venetian shutters.
84. **Brooks, F.**, Finniss-street, Lower North Adelaide—Venetian blinds and fittings.
85. **Dallas & Co.**, Robe-street, Port Adelaide—Venetian blinds.
86. **Hooper Brothers**, Pulteney-street North—Show case with venetian blinds.
87. **Honey, R.**, Lion Timber Yard, Port Adelaide—Mantelpieces, &c.
88. **Knaption Brothers**, Pulteney-street, Adelaide—Turnery, &c.
89. **Martin, W. H.**, King William-street South—Enamelled mantelpieces.
90. **MacDougall & Son**, Roper-street, Adelaide—Door and frame complete.
91. **Martin, W. H.**, King William-street South and Unley—Enamelled slate mantelpieces.
92. **Simpson, A., & Son**, Gawler-place, Adelaide—Metal door mats.
93. **Walter & Morriss**, North-terrace and Port Adelaide—Timber mouldings, turnery, &c.

**CLASS 230—Coarse Fibres of Grass, Mats and Matting.**

94. **Royal Commissioners for S.A.**—Native mats from Northern Territory.

**CLASS 231—Cotton Yarns, &c.**

95. **Scott, Mrs. J. L.**, Edgeware-road, Hyde Park, Adelaide—Macrame lace for tables, mantles, &c.

**CLASS 239—Yarns, Worsteds, &c.**

96. **Robin, D.**, Gawler-place, Adelaide—Showcase containing fingering yarns, &c.
97. **Schlork, F. H.**, Gawler-place, Adelaide—Glass case containing dyed wools.

**CLASS 240—Wool Fabrics, Broadcloths, &c.**

98. Robin, D., Gawler-place, Adelaide—Woolen fabrics, tweeds.

**CLASS 241—Flannels, Serges, &c.**

99. Robin, D., Gawler-place, Adelaide—Flannels.

**CLASS 242—Blankets, Rugs, Shawls, &c.**

100. Robin, D., Gawler-place, Adelaide—Blankets.

**CLASS 249—Cocoons and Raw Silk, &c.**

101. Cleland, Dr. W. L., c/o Sir Samuel Davenport, K.C.M.G.—Silk.  
101A. Scott, Miss—Collection of raw silk.

**CLASS 251—Spun Silk Yarns and Fabrics.**

102. Davenport, Lady, Beaumont, Adelaide—Manufactured silk from S.A. cocoons.

**CLASS 253—Figured and Fancy Silk Piece Goods, &c.**

103. Clark, A. S., Esq., for Mrs. Golland, Adelaide, c/o F. H. Clark & Son—"Times" printed in silk.

**CLASS 259—Ready-Made Clothing, &c.**

104. Bailey, H. J., & Co., Rundle-street, Adelaide—Ladies' costumes, underclothes, and hosiery.  
105. Doolette, G. P., & Co., 50, King William-street, Adelaide—Clothing.  
106. Evans, Kirkham, & Co., Grenfell-street, Adelaide—Gentlemen's apparel.  
107. Shierlaw, W. & Co., Hindley-street, Adelaide—Clothing.  
108. Welch, Sarah, at Mrs. Beeby's, care of M. A. Charlton, South-terrace—Quilt, and toilet set in crochet work.  
109. Westwood, T. A., 64, Rundle-street, Adelaide—Infant layettes.

**CLASS 260—Ladies' Mantles, Costumes, &c.**

110. Westwood, T. A., 64, Rundle-street Adelaide—Ladies' and children's costumes.

**CLASS 261—Hats, Caps, Gloves, &c.**

111. Everett, Jos., Franklin-street, Adelaide, and 9, Brooke-road, London—Hats, caps, helmets, &c.

112. Leaver, Jos., 46, King William-street, and 83, Rundle-street—Colonial-made hats and caps.

113. Westwood, T. A., 64, Rundle-street, Adelaide—Millinery.

**CLASS 262—Boots, Shoes, &c.**

114. Adelaide Boot Factory, Waymouth-street, Adelaide—Boots and shoes.

115. Dowie, A., & Co., 63, Rundle-street, Adelaide—Boots and shoes.

116. Green, J. J., & Co., Hindley-street—Boot uppers.

**CLASS 263—Jewellery and Ornaments, &c.**

117. Brunkhorst, A. L., 106, Rundle-street, Adelaide—Silver-mounted emu eggs; own manufactured gold and diamond jewellery, silver epergnes, trophies, Northern Territory beans, shells, and sundries.

118. Falk & Co., Gawler-place, Adelaide—Jewellery.

119. Lorraine, F. J., King William-street—Jewellery.

120. Wendt, J. M., 70, Rundle-street—Jewellery, silver goods, and gold goods.

**CLASS 264—Artificial Flowers, Coiffures, &c.**

121. Best, S., Freeman-street, Adelaide—Umbrellas and specimens of rivetted glass and china.

122. Best, G. F., O'Connell-street, North Adelaide—Umbrellas.

123. Champion, Miss N., Rose-street, Glenelg—Pair of cork brackets.

124. Dening, Miss M., Robe Town, Guichen Bay, S.A.—Seaweed pictures.

125. Humberstone, Miss T., Mount Rat, Yorke's Peninsula—Canework ornaments and wild flowers.

126. Kerr, Thos., Semaphore, S.A.—Walking sticks of Australian woods, in numerous pieces.

127. Margett, Mary Anne, North-parade, Parkside—Leatherwork frame, containing mirror.

128. Nelson, Georgina, Clifton House, Wakefield-street—Ornamental seed work and lace work, and occasional table ornamented with seed work.

129. Royal Commission for S.A. at the Jubilee Exhibition—Pipes made from S.A. woods, &c.

130. Shroeder, F. W., East Pallant-street, North Adelaide—Hand-made walking sticks.

131. Teakle, Mrs., Golden Grove—Artificial flowers.

132. Welsh, Robt., Woodville Park—Fans, ornamental, and fire-screens.

133. Werlin, Miss J., 6, Botanic-terrace—Artificial flowers.

**CLASS 265—Fancy Leatherwork, Pocket-books, &c.**

134. **Amev, Miss Marion**, South-terrace—Pair leather work frames.
135. **Colton, J., & Co.**, Currie-street, Adelaide—Portmanteaus and leather fancy goods, trunks, bags, and valises.
136. **Simpson, A., & Son**, Gawler-place, Adelaide—Hat and bonnet boxes, trunks, &c.
137. **Protector of Aborigines**, Adelaide—Bags or wallets of native hemp from Northern Territory.

**CLASS 270—Printing Paper for Books, Newspapers, &c.**

138. **Royal Commission of S.A. at the Jubilee Exhibition**—Hand-made paper made from the natural products of South Australia.

**CLASS 271—Blank Books—Sets of Account Books, &c.**

139. **Sands & MacDougall**, King William-street—Account books, ruled only, and ruled and printed in various bindings and styles.
140. **Sherring, J., & Co.**, 42, Currie-street, Adelaide—Account books, book binding, billheads, &c.

**CLASS 272—Printing and Writing Inks, &c.**

141. **Carey, Page, & Co.**, Santo Buildings, Waymouth-street—Show bill cards.
142. **Carey, Page, & Co.**, Santo Buildings, Waymouth-street—Case of printed samples.
143. **Sherring, J. H., & Co.**, 42, Currie-street, Adelaide—Type printing in all styles.

**CLASS 276—Military Small-Arms, Muskets, Pistols, &c.**

144. **Ekins, W. E.**, King William-street, Adelaide—Guns, pistols, and other implements.

**CLASS 282—Aboriginal Weapons.**

145. **Jones, J. W.**, Conservator of Water, Adelaide—Aboriginal weapons.
146. **Lindsay, David**, North Adelaide—Collection of native weapons from the Peake to the North Coast of South Australia.
147. **Moody, J.**, Orroroo—Collection of native weapons.
148. **Protector of Aborigines**, Adelaide—Collection of native weapons.
149. **Royal Commissioners for South Australia**—Spears from the Northern Territory.

150. **Wilkinson, W. B.**, Pirie-street, Adelaide—Native weapons made and used by the aborigines of Northern Territory.

**CLASS 283—Medicines, &c.**

151. **Secombe, J., & Son**, Blackwood, S.A.—Seacombe's world-famed ointment.

**CLASS 285—Pharmaceutical Apparatus.**

152. **Birks, J. N.**, St. Vincent-street, Port Adelaide—Patent medicines (own manufactures).

**CLASS 288—Dental Instruments and Appliances.**

153. **Meyer, Ernest**, King William-street, Adelaide—Medicinal dentistry.

**CLASS 290—Hand Tools and Instruments of every description used by Artificers.**

- 153A. **Crooks & Brooker**, Port Adelaide—Hardware.
154. **Sherring, J., & Co.**, 42, Currie-street, Adelaide—Cutting and other dies.

**CLASS 294—Hardware Used in Construction, &c.**

155. **Bennett, J.**, Nile-street, Port Adelaide—Bolts and nuts, dog spikes, and cart axles.

**CLASS 295—Galvanized Iron Work.**

156. **Gray, W. F., & Co.**, Gawler-place, Adelaide—Collection of galvanized iron work, ventilators, air coolers, &c.
157. **Simpson, A., & Son**, Gawler-place, Adelaide—Galvanized pails, tubs, seed troughs, sky lights, gatter bars, waterpots, wire net signs, &c.

**CLASS 296—Wirework.**

158. **Barth, Carl**, Nelson-street, Stepney—Birdcages, wire baskets, fancy goods, household utensils, sand sieves, and screens.

**CLASS 297—Indiarubber Goods and Manufactures.**

159. **Andrew, Wm.**, Arcade, Adelaide—Rubber stamps.

**CLASS 298—Brushes.**

160. **Adelaide Broom Factory**, Franklin-street, Adelaide—Carpet brooms and whisks.

161. **Cloudsdale, B.**, Industrial School for the Blind—Hair brooms and brushes, bass brooms, whisks, banisters, Turks' head shoe, black lead, &c.
162. **Harris, Robert, & Co.**, Blyth-street, Adelaide—Brushware.

**CLASS 299—Ropes, Cordage.**

163. **Donaghy, M., & Son**, Adelaide Rope Works, Queenstown—Ropes and cordage.
164. **Tamlin & Coomb**, Adelaide Rope Works, Carrondown—Manilla rope, New Zealand flax rope, Manilla twine for reaper, &c., clothes lines, &c.

**CLASS 301—Wooden and Basket-ware, &c.**

165. **Davenport, Sir Samuel**, Beaumont—Native baskets.
166. **Moser, A. G.**, Lobethal—Paper baskets and clothes baskets.
167. **Royal Commissioners for South Australia**—Native baskets.

**CLASS 303—Pleasure Carriages.**

168. **Barlow, T., & Son**, Hindmarsh-square, Adelaide—Landau carriage and waggonette.
169. **Barlow, Bros.**, Flinders-street, Adelaide—Brougham and glass light waggonette.
170. **Cox & Witherick**, Waymouth-street, Adelaide—Hooded buggy.
171. **Clarke, Bros.**, Franklin-street, Adelaide—Landau, brougham, Victoria pony cart, express waggon, hooded buggy.
172. **Duncan & Fraser**, Franklin-street, Adelaide, and Caledonian Works, Kilkenny—Adelaide phaeton or hooded buggy, five light landaus.
174. **Peters & Fuller**, Pirie-street, Adelaide—Spider buggy.
175. **Ray, W. H.**, O'Connell-street, North Adelaide—Express waggonette.

**CLASS 304—Travelling Carriages, Coaches, &c.**

176. **Duncan & Fraser**, Franklin-street, Adelaide, and Caledonian Works, Kilkenny—Tramcar, same as used by Adelaide Tram Companies, licensed to carry 44, weight, 36 cwt.
177. **Duncan & Fraser**, Franklin-street, Adelaide, and Caledonian Works, Kilkenny—Tramcar, same as used by Adelaide Tram Companies, licensed to carry 44, weight, 36 cwt.
178. **Moller, Franz Ernest Wilhelm**, Acland-street, Adelaide—One 52-inch nickelled bicycle.
179. **Ward, Owen A.**, Gibson-street, Port Augusta—Carriage wheel, cap wrench, and shaft and pole coupling for buggy.

**CLASS 305—Vehicles for Movement of Goods, &c.**

180. **Blake, Joseph**, Smithfield—English waggon.
181. **Dawson, Arthur**, Balaklava—English waggon.
182. **Lawton, J. A.**, North-terrace West—Spring van, trolley, wheels and axles.

**CLASS 306—Carriage and Horse Furniture, Harness, &c.**

183. **Burton, William**, c/o Mr. M. Wilkes, Currie-street, Adelaide—Two collections of horseshoes, hand-made, one finished and one off the hammer.
184. **Colton, J., & Co.**, Currie-street, Adelaide—Harness and saddlery.
185. **Carbis, E.**, High-street, Kensington—Hand-made leather laces.
186. **Genders, J. C., & Co.**, Grenfell-street, Adelaide—Harness and saddlery.
187. **Holden & Frost**, Grenfell-street, Adelaide—Saddlery, harness and leather manufactures.

**DEPARTMENT III.***Education and Science.***CLASS 351—Elementary Schools.**

188. **Hartley, J. A., B.A., B.Sc.**, Inspector-General Schools, Adelaide—Appliances, &c., used in public schools.

**CLASS 352—Higher Education.**

189. **Schomburgk, Dr. R.**, Director of Botanic Gardens, Adelaide—Herbarium (in four volumes) of South Australian plants.

**CLASS 356—Libraries, History, Reports, Statistics, and Catalogues.**

190. **Brown, H. Y. L., F.L.S.**, Government Geologist, Adelaide—Reports of Geological Department.
191. **Blackmore, E. G.**, Clerk House of Assembly, Adelaide—Decisions of Right Hon. the Speaker of House of Commons.

192. Davenport, Sir Samuel, K.C.M.G., Beaumont—(1) "South Australia," illustrated by George French Angas; (2) Ampelographic, by Rendu.

193. Geographical Society of Australia. South Australian Branch, Adelaide—Reports of the Society.

194. Hamilton, E. W., Protector of Aborigines, Adelaide—"South Australian Aborigines, and their Tribes, Vocabularies, and other Fragmentary Records."

195. Worsnop, Thos., Town Clerk, Adelaide—(1) "History of the City of Adelaide," (2) "Guide Book to Adelaide."

#### CLASS 357—School and Text-books, Dictionaries, &c.

196. Royal Commissioners South Australia—"Official Handbook and Catalogue."

197. Scandrett & Elliott, Kapunda, S.A.—The twenty-second annual volume of the *Kapunda Herald*, a newspaper published every Tuesday and Friday morning at Kapunda, S.A.

#### CLASS 358—Instruments of Precision and Apparatus of Physical Research, Experiment, and Illustration, &c.

198. Meteorological Society of Australasia, Adelaide—A Stevenson's thermometer screen, and meteorological instruments required in a climatological station of the Society.

199. Boettger, Otto, Flinders-street, Adelaide—Y theodolite, transit theodolite, Y level, dumpy level, distance level (own design).

#### CLASS 361—Chronometric Apparatus.

200. Clarke, George, William-street, Norwood—Eight-day skeleton quarter-chime clock, eight bells, dead beat escapement going fusee, with simplified quartering arrangements, all wheel cutting and pinion making, &c. (all own work).

201. Loraine, F. J., 107 and 109, King William-street, Adelaide—Clock mounted on old gum tree.

#### CLASS 362—Optical and Thermotic Instruments and Apparatus, &c.

202. Todd, C., Esq., General Post-Office, Adelaide—Exhibition of telegraphic, telephonic, and observing instruments.

#### CLASS 363—Telegraphic Instruments and Methods.

203. Miller, Jas., West-terrace—Working model of automatic signalling apparatus, to prevent collisions between vessels at sea.

#### CLASS 364—Musical Instruments and Acoustic Apparatus, &c.

204. Fincham & Hobday, Twin-street, Adelaide—Prize organ, entirely of colonial manufacture, built by exhibitors in Adelaide. 41 stops, 1,878 pipes, 3 manuals.

205. Robertson, J. H., Chowilla, Overland Corner—Three colonial-made violins.

206. Rogerson, G. A., Exeter—Piano, own manufacture, iron-framed upright grand.

#### CLASS 365—Civil Engineering, Land Surveying, Public Lands, &c.

207. Jones, J. W., Conservator of Water, Adelaide—Maps showing the operations of the Water Department.

208. Lapidge, J. E., King William-road, Unley—Models of bridges.

209. Murray, A. J., Morialta Chambers, Victoria-square—Designs for an outer harbour.

210. Stephens (Secretary Marine Board S.A.), Port Adelaide—Plans and photographs connected with lighthouses and deepening operations.

#### CLASS 370—Topographical Maps, Marine and Coast Charts, &c.

211. Brown, H. Y. L., F.L.S., Government Geologist, Adelaide—Coloured map showing the mineral resources and discoveries of the colony.

212. Goyder, G. W., Surveyor-General, Adelaide—(1) Map of Adelaide and suburbs. (2) Map of South Australia, showing lands alienated and leased, counties, hundreds, railways, telegraphs, lighthouses, jetties, &c.

213. Goyder, G. W., Surveyor-General, Adelaide—(1) Plan showing Adelaide, Port Adelaide, and surrounding towns and villages, railways, tramways, reservoirs, &c. (2) General plan of South Australia, including the Northern Territory, showing so'd land, pastoral leases, and explorers' routes, with descriptions. (3) Map of southern part of province, showing counties, hundreds, railways, telegraphs, lighthouses, jetties, &c.

#### CLASS 375—Money, Mints and Coining, &c.

214. Moody, J., Land Agent, Orroroo—Silver, bronze, and copper coins.

#### CLASS 377—Benevolence—Blind, Deaf, and Dumb Asylums, &c.

215. Old Colonist Association of S.A. (Secretary, Hiram Mildred), 9, Old Exchange—Pictures and relics of early settlers.

216. Industrial School for the Blind, Brougham-place, North Adelaide—Work by its inmates, and sold as made.

## DEPARTMENT IV.

## Art.

**CLASS 400—Figures and Groups in Stone, &c.**

217. **Board of Governors**, Public Library, Adelaide—Native Mi-Mior wurley with figures of aboriginal man, lubra, and piccaninny.
218. **Herring, Fred**, West-terrace—Marble work.
219. **Kennedy, W.**, Noarlunga—Carving in slate; subject, "Australia."
220. **Royal Commissioners for S.A.**—Plaster cast of mullaway fishes and other S.A. fishes, and plaster cast of merino ram, and one double profile cast of same.
221. **Saupe, A.**, Stepney-street, Stepney—Medallion in plaster paris.

**CLASS 401—Works in Relief in Stone or Metal.**

222. **Heddle, W. H.**, West Hilton, c/o Hansen, Evans, & Co.—Marble picture frame.

**CLASS 402—Medals, Pressed and Engraved.**

223. **Dobbie, A. W.**, Gawler-place, Adelaide—Medals.

**CLASS 405—Carvings in Wood, Ivory, Metal, &c.**

224. **Turner, —**, Knightsbridge—Wooden chain carved out of solid piece of apple wood.

**CLASS 406—Paintings in Oil.**

225. **Angas, J. H.**, Collingrove—Paintings of cattle, farm stock, scenery, &c.
226. **Angas, Miss E.**, Penny-street, Exeter—Painting in oil of colonial scenery.
227. **Anson, H.**, St. Vincent-street Port Adelaide—Three oil paintings of colonial scenery.
228. **Ashton, Jas.**, Town Hall, Norwood, S.A.—Four oil paintings, viz. :—  
 1. "In the Sweet Stillness of an Autumn Day."  
 2. "Old Age."  
 3. "The Avenue Castle, Howard, Yorkshire."  
 4. "Clearing Up after the Storm (Glencg)."
229. **Bailey, Ettie**, Semaphore—Oil paintings.
230. **Bourne, G. R. W.**, Semaphore—Oil painting representing the rescue of the crew of the ship Ebland by the Decapolis in a gale in the Bay of Biscay.

231. **Broad, Fanny E.**, King William-road, Enley—Oil paintings.
232. **Billiatt, A. E.**, Government Cottage, Glencg—Two pictures—  
 1. "Stuart's Tree."  
 2. View on the Onkaparinga.
233. **Bischoff, G. W.**, Gawler—Two oil paintings on canvas, viz., "The Shepherd."
234. **Brown, A. H.**, Menindie, North-East-road—Oil painting in mirror.
235. **Broad, A. Scott**, Hanson-street, Adelaide—Oil colour paintings.
236. **Board of Governors**, Public Library, Museum, and Art Gallery—Two oil paintings by E. Gouldsmith—  
 1. Morning Scene on Onkaparinga.  
 2. Marine View, Port Adelaide.
237. **Belcher, E. W.**, Burra Burra Mines—Oil painting, Australian scenery.
238. **Brunell, James**, Exeter, Semaphore-road—Oil painting on showcase.
239. **Brunell, James**, Exeter, Semaphore-road—Etched designs in acid, gold, silver, on plate-glass.
240. **Clayton, Henry**, Artist to His Excellency Sir W. C. Robinson, K.C.M.G., No. 1, Albert-terrace, Carrington-street—Six oil paintings, viz.—  
 1. Portrait of Sir Henry Loch.  
 2. Landscape; coast of New Zealand.  
 3. "The Dell, Adelaide."  
 4. Landscape, Bridgewater, S.A.  
 5. Portrait on opal of A. Abrahams, Esq.  
 6. Fancy sketch.
241. **Cawthorne & Co.**, Gawler-place, Y.M.C.A. Buildings—Paintings, native flowers, &c., on opal, terra-cotta, velvet, poonah, lustre, and crystal paintings by South Australian artists.
242. **Davenport, Sir Samuel**, Beaumont—Oil painting by R. H. Shaw, "Preparing for a Corroboree."
243. **Harrison, Miss A. T.**, Maesbury-place, Kensington—Painting in oil.
244. **Hill, Chas.**, South-terrace, Adelaide—Five oil paintings, viz.—  
 1. "Reading Proclamation of the Colony."  
 2. Portrait of Sir R. R. Torrens.  
 3. Wreck of the Admella.  
 4. Georgetown.  
 5. Gulnare Area.
245. **Honner, Rev. A.**, Adelaide—Painting, "The Prison Pet."
246. **Irving, J.**, 117, Rundle-street, Adelaide—Oil painting

247. **Jagoe, R.**, Semaphore—Painting of fish caught at Kangaroo Island, very rare, supposed to be of the Wrasse specie.
248. **Johnson J.**, Gordon-road, Prospect Hill, near Nailsworth—Oil painting.
249. **King, Miss**, Aylesbury Farm, Georgetown—Oil paintings in gilt frame.
250. **Leonard, J. H.**, *Lantern Office*, King William-street—Paintings in oil.
251. **Lyons, J. H.**, Whinham College, N.A.—Oil paintings.
252. **MacCormac, Andrew**, Barton-terrace—Three portraits.
253. **Murray, A. J.**, Morialta Chambers—Paintings in oil.
254. **Nicols, H. F.**, Miller-street, North Unley—Landscape painting in oil.
255. **Radcliffe, Chas.**, Melbourne street, Lower North Adelaide—Oil painting.
256. **Radford, Fred.**, Plympton—Oil paintings.
257. **Ragless, Miss S. A.**, Enfield—One glass case and stand, containing oil painting on satin—Flowers and birds.
258. **Ragless, Miss S. A.**, Enfield—Four oil paintings, viz.—  
1. "Mount Wells, Farina."  
2. "Old Farm House," English.  
3. "Stockman's Camp."  
4. "Augmooring House."
259. **Rake, Miss E.**, Enfield—Oil painting on satin, brackets, and cushion (in case), and two oil paintings on millboard.
260. **Royal Commissioners for S.A.**—Opal pictures, representing natural-size fruits grown in the colony.
261. **Smart, Mrs. R. K.**, Norwood—Oil painting, "Eagle Hawk."
262. **Shakespeare, Jas.**, No. 1, Albert-terrace, Carrington-street—Oil painting.
263. **Tannert, Louis**, South Australian Institute—Oil painting.
264. **Wickens, Mrs. M.**, John-street, Eastwood—Poonah paintings.
265. **Williams, Geo.**, 26, Lefevre-terrace, N.A.—Three oil paintings.
266. **Woodhouse, H. J.**, Adelaide, c/o J. H. Leonard—Oil painting in gold frame, entitled, "After the Flood."
267. **White, John**, Rundle-street, Kent Town—Three oil paintings, viz.—  
1. "Mount Lofty."  
2. "Torrens Lake."  
3. "Bush Scene," S.A.
268. **Walker, G. H.**, Birkenhead—Oil painting of Port Adelaide.

**CLASS 407—Water-colour Pictures.**

269. **Bailey, Miss E.**, Semaphore—Water-colour painting.
270. **Broad, A. Scott**, Hanson-street, Adelaide—Water-colour paintings.

271. **Dalwood, J. C.**, Halifax-street, Adelaide—Water-colour portrait of E. T. Smith, Esq., as Mayor of Adelaide.
272. **Gold, W. K.**, 29, Lefevre-terrace, N.A.—Three water-colour paintings, original.
273. **Gow, John**, 53, Lefevre-terrace, N.A.—Four water-colour paintings.
274. **Miller, Mrs. K. St. Barbe**, Beaumont—Two water-colour paintings, viz.—  
1. "Morning View on Onkaparinga."  
2. "Evening View on Onkaparinga."
275. **Murray, A. J.**, Morialta Chambers—Water-colour paintings.
276. **Randell, E. D.**, Letton Lodge, Strangways-terrace—Four water-colour paintings.
277. **Sells, Rev. A., M.A.**, Mitcham—Twenty-four water-colour sketches of S.A. scenery.

**CLASS 408—Frescoes, Cartoons for Frescoes, &c.**

278. **Brunell, Jas.**, Semaphore-road, Exeter—Illuminated colour on plate glass.
279. **Chadwick, Robert**, Edgeware-road, Hyde Park—Specimens of graining and marblings.

**CLASS 410—Drawings with Pen, Pencil, or Crayons.**

280. **Broad, A. Scott**, Hanson-street, Adelaide—Studies in black and white, in charcoal and Indian ink.
281. **Davenport, Sir Samuel**, Beaumont—Drawings illustrative of the anatomy of the grape.
282. **Ferneley, W. R.**, Mary-street, Unley—Pen and ink sketches.
283. **Joyner, G. P. W.**, Adelaide—Illuminated address.
284. **Summerhayes, E.**, Dulwich—Pen and ink sketches.

**CLASS 411—Engravings from Steel, Copper, Stone, and Wood.**

285. **Lorraine, F. J.**, 107 and 109, King William-street, Adelaide—Specimens of engraving.
286. **Moody, John**, Ororoo—Collection of old engravings.
287. **Sherring, J., & Co.**, 42, Currie-street, Adelaide—Copper plate printing.

**CLASS 413—Lithographs, Zinco-graphs, &c.**

288. **Sherring, J., & Co.**, 42, Currie-street, Adelaide—Lithographs.

**CLASS 414—Oleographs, Chromolithographs, &c.**

289. **Sherring, J. H., & Co.**, 42, Currie-street, Adelaide—Chromo-lithographs.

**CLASS 415—Photographs.**

290. **Angas, J. H.** Collingrove—Photographs of cattle, farm stock, scenery, &c.
291. **Areas Photo. Company** (Proprietor, G. F. Jenkinson), Laura—Specimens of up-country photographs taken in a travelling studio.
292. **Adcock, Thos.**, Port-road, Hindmarsh—Gelatine-bromide enlarged portraits.
293. **Brown, H. Y. L., F.L.S.**, Government Geologist, Adelaide—Photographs illustrative of geological features of S.A., and photographs illustrating traces of glacial action at Hallett's Cove.
294. **Duryea, Townsend**, 158, Rundle-street, Adelaide—Photographs: enamelled, plain, vignette, finished in oil, &c.
295. **Duffield, D. W.**, Sea Wall, Glenelg—Amateur photography.
296. **Foelsche, Paul**, Palmerston, Northern Territory—Views of Northern Territory scenery.
297. **Hammer & Co.**, Rundle-street, Adelaide, and Port—Specimens of photography.
298. **Hood, John**, Glenelg, S.A.—Painted photographs, &c.
299. **Krichauff, F. C.** Superintendent Public Buildings, new Government Offices—Landscape and architectural photographs in radiating frame.
300. **Lindsay, R.** Carron Iron Works, Port Adelaide—Photograph of 20 horse-power engine, compound surface condensing, made in the colony by the exhibitor for the Marine Board.
301. **Royal Commissioners for S.A.**, Adelaide—Photographs of fruit and flowers grown in S.A., and albums of photos, of S. Australian scenery: public works and public buildings and private residences.
302. **Royal Commission for S.A.**, Adelaide—Views of Adelaide from plateau near west end of Strangways-terrace, N.A., and view of King William-street, Adelaide (the principal street of the city), looking north.
303. **Sweet, Captain**, Arcade, Adelaide—Photographs, landscapes, and interiors of mansions.
304. **Schomburgk, Dr. R.**, Director of Botanic Gardens—Views of Botanic Gardens, by Captain Sweet.
305. **Tuttle & Co.**, New Arcade, Rundle-street—Photographs and enlargements.
306. **Todd, Charles, C.M.G.**, Postmaster-General—Photograph of General Post-Office.
307. **Watson, G.**, Mount Gambier—Photographs.

**CLASS 417—Photo-Lithographs, &c.**

308. **Corporation of the City of Adelaide**, Adelaide—Photo-lithographed copy of cadastral survey plans of the city of Adelaide, compiled from notes of trigonometrical survey made under the direction of Mr. C. W. Smith, A.M.I.C.E., Hydraulic Engineer Department.

**CLASS 418—Industrial Designs.**

309. **Lorraine, F. J.**, 107 and 109, King William-street—Clock mounted on model of the "Old Gum-tree."
310. **Withall & Wells**, Architects, Rundle-street—Drawings of sundry works executed in the colony.

**CLASS 419—Architectural Designs.**

311. **Black & Hughes**, Architects, Adelaide—Architectural designs.
312. **English & Soward**, Barnard Chambers, Currie-street—Architectural drawings of buildings executed by them.
313. **Garlick, D., & Son**, Architects, 8, Register Chambers, Grenfell-street, Adelaide—Architectural drawings.
314. **Henderson & Marryatt**, 95, King William-street—Architectural drawings.
315. **Royal Commission for S.A.**, Adelaide—Plan of Public School, Hindmarsh, drawn in Architect-in-Chief's Department.
316. **Murray, A. J.**, Morialta Chambers—Drawings and designs of Messrs. E. S. Wigg & Son's shop.
317. **Superintendent of Public Buildings**, Adelaide—Plan of the Public Works Office, Victoria-square.
318. **Withall & Wells**, Architects, Rundle-street, Adelaide—Architectural drawings of sundry works executed in the colony.

**CLASS 420—Ecclesiastical Designs.**

319. **Holwell, R. G.**, 4, Old Exchange, Adelaide—Drawings of St. John's Church.
320. **Murray, A. J.**, Morialta Chambers, Victoria-square—Perspective drawings of a design for a cathedral.

**CLASS 421—Designs for Decorations of Interiors of Buildings.**

321. **Brunell, Jas.**, Semaphore-road, Exeter—Decorations for interior of buildings.
322. **Brunell, Jas.**, Semaphore-road, Exeter—Original mural and other decorations.
323. **Barnes, G. H.**, George-street, Norwood—Decorations for interior of buildings.
324. **Troy, E. F.**, Freeman-street, Adelaide—Interior decoration for doors, &c.

**CLASS 422—Designs for Decorations of Exteriors of Buildings.**

325. **Hislop, G.**, Freeman-street, Adelaide—Ornamental sign-writing.
326. **Troy, E. F.**, Freeman-street, Adelaide—Specimens of graining woods and marbles.

**CLASS 426—Inlaid Work in Wood and Metal, Parqueterie, Marquetrie.**

327. Gray, Harry, Young - street, Kent Town—Toilet glass and stand.  
 328. Gray, Harry, Young - street, Kent Town—Inlaid pier glass.

**CLASS 427—Stained, Embossed, and Engraved Glass.**

329. Brunell, Jas., Exeter, Semaphore-road—Embossed designs on plateglass, and show case.

**CLASS 429—Miscellaneous Objects of Art.**

330. Aird, Edith Blanche, Henley Beach—Hautel drap, velvet inlaid, with painting on porcelain, and etchings.  
 331. Brazill, Mary E., Chapel-street, Norwood—Tapestry, Australian coat of arms.  
 332. Churchett, Miss O., Regent-street, Adelaide—Wool-work pictures.

333. Earle Bros., Yongala—Case of carved specimens, carved by hand, consisting of kangaroo bone, malachite, silver, pearl, cocoonut, and native peach stone, &c.

334. Grimes, Mrs. Jas., Parkside—Tapestry worked on silk, black enamel, and gold frame.

335. Hamer, A. H., Grenfell Chambers, Grenfell-street—Engraving on brass salver.

336. Harper, John, Hawthorn, Lower Mitcham—Tapestry, representing the "Warrener;" worked by a member of his family, and said to be 130 years old. Valued at £50.

337. Mellor, J. F., Holmfirth, Fulham—Three wool-work pictures and vase of ornamental flowers in shade, made from fish scales, &c.

338. Lorraine, F. J., 107 and 109, King William-street—Specimens of castings, &c.

339. Rounsevell, A., Hutt-street, care of A. S. Beaumont—Tapestry, representing "Christ blessing little children."

340. Solomon, Miss M., Buckhurst House, 167, Gover-street, North Adelaide—Tapestry work.

341. Smith, Marshall, Tyneside Cottage, Largs Bay—Tapestry work, framed.

**DEPARTMENT V.***Machinery.***CLASS 500—Machines and Apparatus for Rock Drilling.**

342. Martin, J., & Co., Phoenix Foundry, Gawler—Engineering and agricultural implements.  
 343. May Bros. & Co., Gawler—Engineers' and machinists' machinery.

**CLASS 501—Machines and Apparatus for Well and Shaft Boring.**

344. Harrold Bros., Hindley-street and North-terrace, Adelaide—Complete set artesian well-boring rods and tools for the depth of 200 feet.

**CLASS 504—Machines and Apparatus for Pumping, Draining, and Ventilating.**

345. Hooker, James, Kilkenny—Portable steam pump.

**CLASS 505—Machines and Apparatus for Crushing, Grinding, Sorting, &c.**

346. Forwood, Downs, & Co., Hindley-street West, Adelaide—Five-head quartz-crushing battery.

347. Mellor, T. F., Adelaide—Jubilee gold-washing cradle.

348. Harrold Brothers, Hindley-street and North-terrace, Adelaide—Gold diggers' "save all" gold cradle.

349. Nott, W. J., Blanchetown, River Murray—Model self-regulating windmill, named "Advance Australia."

**CLASS 515—Machines for Working Metals.**

350. Hooker, James, Kilkenny—Squaring machine.

**CLASS 524—Machines for the Manufacture of Woollen Goods—Carpets, Tapestry, &c.**

351. Robin, D., Gawler-place, Adelaide—Power loom at work in manufacture of woollen piece goods.

**CLASS 533—Machines for Sewing and Knitting.**

352. Dobbie, A. W., Gawler-place, Adelaide—Sewing machines.

**CLASS 550—Boilers and all Vessels or Apparatus for Generating Steam.**

353. **Lindsay, R.**, Carron Ironworks, Port Adelaide—Steam engine and boiler.

**CLASS 552—Steam, Air, Gas, Electro-Magnetic or other Engines, &c.**

353A. **Crooks & Brooker**, Port Adelaide—Steam engine, petroleum engine in work.

354. **Hawke, H. B.**, Kapunda—Steam engine.

355. **Lindsay, R.**, Carron Ironworks, Port Adelaide—Steam engine and boiler.

**CLASS 556—Pumps, &c.**

356. **Harrold Bros.**, Hindley-street and North-terrace, Adelaide—McComa's patent water lifter, raising 30 gallons per minute. Each 2½-inch, 60 gallons; 3-inch, 80 gallons; 3½-inch, 120 gallons; 5-inch, 300 gallons; 7-inch, 1,000 gallons; 9-inch, 2,000 gallons; the whole raising 3,590 gallons of water per minute.

357. **Hooker, James**, Kilkenny—Portable steam pump.

358. **Nott, W. J.**, Blanchetown, River Murray—Model pump, named "Water Propeller."

359. **Dobbie, A. W.**, Gawler-place, Adelaide—Dobbie's patent water lifter for irrigating purposes, watering stock, &c.

**CLASS 567—Brakes, Buffers, Couplings, &c.**

360. **Gray Bros.**, Leadenhall-street, Port Adelaide—Buffers.

**CLASS 568—Wheels, Tires, Axles, Bearings, Springs, &c.**

361. **Gray Bros.**, Leadenhall-street, Port Adelaide—Wheels and axles.

**CLASS 588—Models or Drawings of Boats, Marine Apparatus, &c.**

362. **Fraser, John**, Birkenhead, Port Adelaide—Models of yachts.

363. **Walker, G. H.**, Birkenhead, Port Adelaide—Half model of ship.

**CLASS 589—Models or Drawings of Steamships, &c.**

364. **Alexander, Hugh**, Birkenhead, Port Adelaide—Model of steamship Adelaide.

**CLASS 592—Iron Castings, Malleable Castings, or other Metal Castings.**

365. **Union Engineering Co.**, North-terrace, Adelaide—Pumps and castings, consisting of detail parts of machinery.

366. **Dobbie, A. W.**, Gawler-place, Adelaide Brass castings.

367. **Fulton, G. E., & Co.**, Peel-street, Adelaide—A variety of cast-iron work, ornamental and otherwise.

368. **Hydraulic Engineer**, Adelaide—Hydraulic appliances.

369. **Keipert, Hy. John**, Crown Foundry, Laura—Wheel pinions and sundry castings; ploughshares; umbrella stands.

370. **Stephens**, Secretary Marine Board, S.A., Port Adelaide—Castings; patterns in wood for castings.

371. **Hawke, H. B., & Co.**, Kapunda Foundry, Kapunda—Castings, horse power.

**CLASS 593—Boilers, Engines, Cranes, &c.**

372. **Forward, Downs, & Co.**, Hindley-street, Adelaide—Ornamental ironwork.

**DEPARTMENT VI.***Agriculture.***CLASS 600—Timber and Trunks of Trees, entire or in transverse or truncated sections, &c.**

373. **Cornish, J., & Co.**, Normanville, S.A.—Glass case containing exhibit of mimosa bark, bag ground mimosa faggot, and cut bark.

374. **Government Resident (Hon J. L. Parsons)**, Palmerston, Northern Territory—Herbarium specimens of Northern Territory timbers.

375. **Hardy, Arthur, M.P.**, Mount Lotty—Cork (*Quercus suberosa*) and cork acorns grown at Mount Lotty by Mr. Hardy.

376. **Honey, R.**, Lion Timber Yard, Port Adelaide—Naves, felloes, &c.

377. **Royal Commissioners for S.A.**, Adelaide—Grass trees, &c., for decoration of native scenes.

**CLASS 602—Ornamental Woods used in Decorating and for Furniture.**

378. Wilhelm, P., Woodville—specimens of turnery.

**CLASS 603—Dyewoods, Barks, Galls, and other Vegetable Substances for Colouring and Tanning.**

379. Borrow & Haycroft, Echunga—Mimosa tannage extract, specimens of leather tanned therewith, and other illustration of industry.

380. Pfau, P., & Co., Blumberg—Mimosa bark in its various states and manufactured for tanning purposes and export.

381. Pearce, Wincey, & Co., Gawler and Kapunda—Wattle bark ground and powdered.

382. Tate, Professor Ralph, F.G.S., Adelaide University—Wattle bark and other illustrations of the industry.

**CLASS 604—Gums, Resins, Caoutchouc, Guttapercha, Vegetable Wax, &c.**

383. Government Resident (Hon. J. L. Parsons), Palmerston, Northern Territory—Gum arabic and gum acacia.

**CLASS 605—Lichens, Mosses, Fungi, Pulu, Ferns, &c.**

384. Schomburgk, Dr. R., Director of Botanic Gardens—Four fern trees (*Todea Africana*), two grass trees (*Xantorrhæa*).

**CLASS 606—Seeds, Nuts, Fruits, Seed Vessels, &c., for Food and Ornamental Purposes.**

385. Government Resident (Hon. J. L. Parsons), Palmerston, Northern Territory—Bag dhol, ground nuts, sesame seed, prepared by Maurice Holtje, N.T.

386. Holtje, Maurice, Palmerston, Northern Territory—Collection of seeds.

387. Royal Commissioners for S.A., Adelaide—Native peach stones.

**CLASS 607—Forestry—Illustrations of the Art of Planting, Managing, and Protecting.**

388. Brown, J. E., F.L.S., J.P., F.R.G.S., Conservator of Forests, Adelaide—Forestry exhibit of S.A.

**CLASS 608—Wheat.**

389. Ashby, Thomas, Clare—Wheat.

390. Angas, J. H., Collingrove—Wheat.

391. Adelaide Milling and Mercantile Co., Victoria-square—Wheat.

392. Brook, W., Woodchester—Wheat.

393. Dyke, John, Mount Gambier—Wheat.

394. McArthur, James, Mount Gambier—Wheat.

395. Medhurst, James, Mount Gambier—Wheat.

396. Robertson, John, Golden Grove—Wheat.

397. Ragless, O., Willaston—Wheat.

398. Steinwedel, G. W., P.O. Dalkey—Wheat.

399. Thomas, Wm., & Co., Port Adelaide—Wheat.

400. Wurm, Fred, Cliffdale, near Stansbury—Wheat.

**CLASS 609—Oats, Barley, Rye, Millet, Maize, Rice, and other Cereals.**

401. Angas, J. H., Collingrove—Bushel cape barley.

402. Brook, Wm., Woodchester—Barley and oats.

403. McArthur, James, Mount Gambier—Oats.

404. Medhurst, James, Mount Gambier—Barley, oats, and rye.

405. Medland, J., Fairfield Farm, Kangaroo Island—Scotch barley.

406. Robertson, John, Golden Grove—Cape barley.

407. Ragless, O., Willaston—Oats, barley, and other cereals.

408. Smith, James, Mount Gambier—Rye.

409. Williams, F. W., Mount Gambier—Rye.

410. Wurm, Fred, Cliffdale, near Stansbury—Barley, Cobbett's corn, &c.

**CLASS 610—Samples of Cereals in the Straw.**

411. Hart, J., Stirling North—Cereals in the straw.

412. Ragless, O., Willaston—Samples of cereals in the straw.

413. Smith, R., Golden Grove—Sheaves-wheaten hay.

**CLASS 611—Grasses and Forage Plants.**

414. Ragless, O., Willaston—Grasses and forage plants.

415. Smith, R., Golden Grove—Half-dozen large pie melons.

416. Williams, F. W., Mount Gambier—Rye grass and cocksfoot.

**JOHN DUNN & CO.,**  
**Millers and Wheat Merchants,**  
**SOUTH AUSTRALIA.**

HEAD OFFICE—FREEMAN STREET, ADELAIDE.  
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**ROLLER FLOUR MILLS.**

PORT ADELAIDE  
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QUORN  
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WHEAT AGENCIES at all the principal wheat-  
 producing districts throughout the Colony.  
 FLOUR AGENCIES throughout AUSTRALASIA.

With regard to the success of our

**“ECLIPSE” ROLLER FLOUR,**

We have every reason to be proud. All the great milling centres of the world, including Austria, Hungary, United States, and Great Britain, were visited by Mr. Dunn, and, as a result, Roller Mills were erected for the manufacture of the “Eclipse” Flour, which, for completeness and efficiency are unsurpassable.

 PLEASE NOTE THAT THE BREAD AT THE   
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Is made exclusively from our

**“ECLIPSE” ROLLER FLOUR.**

**CLASS 612—Leguminous Plants and Esculent Vegetables.**

417. **Beasley, W. M.**, Adelaide—Vegetables (various).  
 418. **Kimber, C., & Sons**, Clare and River-ton—Split peas.  
 419. **McArthur, Jas.**, Mount Gambier—Peas and potatoes.  
 420. **Medhurst, Jas.**, Mount Gambier—Potatoes.  
 421. **Smith, Jas.**, Mount Gambier—Field peas.  
 422. **Sinclair, Alex. B.**, Mount Gambier—Potatoes.  
 423. **Williams, F. W.**, Mount Gambier—Potatoes.

**CLASS 614—Tobacco, Hops, Tea, Coffee, Spices, Herbs, Condiments, &c.**

424. **Murray, The Hon. D.**, Adelaide—Hops.  
 425. **Waverley Vinegar Company**, West-terrace, Adelaide—Mustard, mustard plant and seeds, seeds crushed, pressed seed cake, with oil extracted; curry powder, and gold top sauce.  
 426. **Norman, D.**, Mount Gambier—Hops of the grape variety.

**CLASS 615—Seeds and Seed Vessels.**

427. **Hackett, E. & W.**, 73, Rundle-street, Adelaide—Glass show case, containing seeds.  
 428. **Heyne, E. B., & Co.**, Rundle-street—Collection of flower, vegetable, agricultural, and forest-tree seeds grown in South Australia.

**CLASS 619—Flour, crushed and ground Cereals, decorticated Grains.**

429. **Adelaide Milling and Mercantile Company**, Victoria-square—Flour.  
 430. **Beaglehole & Johnston**, North Adelaide—Malt in three samples.  
 431. **Davey, Edwin, & Son**, Eudunda and Angaston—Flour.  
 432. **Deland & Co.**, Hamley Bridge—Flour.  
 433. **Dunn, John, & Co.**, Freeman-street, Adelaide—Trophy of flour in bags, with photographs of our mills suitably arranged.  
 434. **Finck, Christian**, Greenock—Flour.  
 435. **Hubble, Geo., & Co.**, Port Wakefield—Hungarian process roller flour.  
 436. **Harrison, W. C., & Co.**, Port Adelaide—Flour, &c.  
 437. **Hilfers & Co.**, Gawler—Flour in bags, roller made.  
 438. **Kimber, Chas. & Sons**, Clare—Patent roller flour and pea flour.

439. **Kneese & Sons**, Crystal Brook, S.A.—Hungarian process roller-made flour.

440. **Trilling & Co.**, Jamestown—Flour.  
 441. **Truslove & Addison**, Orroroo—Flour, &c.  
 442. **Thomas, W., & Co.**, Port Adelaide—Flour, &c.

**CLASS 620—Preserved Vegetables and Fruits, dried or in cans or jars; Vegetable Extracts.**

443. **Ball, W. H.**, Angaston—Dried fruits and some of the products of the district.  
 444. **Chance & Co.**, Payneham-road, College Park—Jams, sauces, pickles, and preserves.  
 445. **Evans, H. A.**, Ivanhoe, Keyneton—Collection of dried fruit, &c.  
 446. **Fotheringham, D. & R. J.**, Gawler—Sauces.  
 447. **Hamilton, C. J.**, c/o Ryan & Co., Gray-street, Adelaide—Tomato and Worcestershire sauce, curry powder.  
 448. **Hardy, Thos.**, 78, Currie-street, Adelaide—Samples of dried fruits, &c.  
 449. **Kimber, W. & M.**, Woodleigh Gardens, Clare, S.A.—Jams, jellies, and dried fruits.  
 450. **Lorne Vinegar Works**, Grote-street West, Adelaide—Pickles, sauces, &c.  
 451. **Margetts, E.**, North Parade, Parkside—Tomato sauce and pickles.  
 452. **Murray, Wm.**, Glen Osmond—Show case of jams and jellies.  
 453. **Murray, Alex., & Son**, Coromandel Valley—Jams.  
 454. **Poole, John R. B.**, Bowen street, Adelaide—Tomato, Worcestershire, and other sauces.  
 455. **Robson, T. B.**, Ellythorp, Hectorville, S.A.—Dried fruits, raisins, &c.  
 456. **Ryan & Co.**, Gray-street, Adelaide—Sauces.  
 457. **Smith, S., & Sons**, Talambo Vineyard, Angaston—Canned fruits.  
 458. **Wirrilda, Jam Factory**, Wirrilda, Stirling West—Jams and tomato sauce and preserved fruits.  
 459. **Wurm, Fred**, Cliffdale, near Stansbury, Y.P.—Collection of dried fruits, and raisins.  
 460. **Waverley Vinegar Co.**, West-terrace, Adelaide—Pickled walnuts.
- CLASS 621—Starch, Arrowroot, and similar Products.**
461. **Adelaide Crystal Ice Co.**, 45, Exchange, Adelaide—Starch of rice, and wheat, cornflour, &c.  
 462. **Government Resident (Hon. J. L. Parsons)**, Palmerston, Northern Territory—Tapioca and arrowroot.

**CLASS 623—Bread, Biscuits, Cakes, Confectionery, Cocoa, Chocolate, &c.**

463. **Aerated Bread Co.**, Waymouth-street, Adelaide—Trophy of biscuits.
464. **Calder & Balfour**, Rundle-street, Adelaide—Biscuits (fancy and charcoal), wedding cakes, and cakes of all descriptions.
465. **Henderson & Co.**, Rundle-street, Adelaide—Confectionery, also steam revolving pan in operation, showing trade process.
466. **Kindermann, G., & Son**, Rundle-street, Adelaide—Glass containing confectionery.
467. **Menz, W., & Co.**, Wakefield-street, Adelaide—Machine and hand-made fancy biscuits in tins and showcase, and trophy of biscuits.
468. **Murray, Alex., & Son**, Coromandel Valley—Case and table containing exhibits of biscuits.

**CLASS 624—Olive, Almond, and other Vegetable Oils, Oil Cake.**

469. **Hardy, Thos.**, 78, Currie-street, Adelaide—Olive oils, &c.
470. **North, Benjamin**, Bridge-street, Kensington—Olive oils for the years 1885-6-7.
471. **Wurm, Fred**, Cliffdale, near Stansbury—Oils.

**CLASS 625—Wine, the Produce of the Grape.**

472. **Hardy, Thos.**, 78, Currie-street, Adelaide—Trophy of wines, consisting of large wine vat surrounded by cases and bottles of wines, &c.
473. **Jacobs, William**, Moorooroo, P.O. Rowland's Flat—S.A. wines, viz., one doz. each reising, dry white light, verdiello, sweet white light, frontegnac, sweet, dry red light, carbinet, and shiraz.
474. **Kaines, N. E. T.**, Currie-street, Adelaide—Wines.
475. **Richman, J. M.**, Spring Vale, c/o Mr. H. Biring, Pirie-street, Adelaide—South Australian wines, to be exhibited as a trophy, noted for their age and being matured wines.
476. **Robson, T. B.**, Ellythorp, Hectorville, S.A.—South Australian unfermented wines.
477. **Salter, Wm., & Son**, Mamre Brook, Angaston—Various exhibits of South Australian wines.
478. **Smith, S. & Sons**, Yalumba Vineyard, Angaston—South Australian wines.
479. **Seppelt, B.**, Seppeltsfield, P.O. Greenock—Trophy of wines.
480. **Wilkinson & Mason**, 2, Pirie-street, Adelaide—South Australian wines.
481. **Wright, E. W.**, Adelaide—Wines for competition.
482. **Young, C. B.**, Holmsdale—South Australian wines.

**CLASS 626—Ale, Porter, and other Beverages made from Cereals.**

483. **Fotheringham, D. & R. J.**, Cordial Factory, Gawler—Bottled ale.
484. **Goodyier, W., & Co.**, Marion-street, Glanville—Bottled ale and porter, and ale in bulk.
485. **Haines, Mallen, & Co.**, Waverley Brewery, Lower Mitcham—Brewers' materials and articles.
486. **Knapman, Wm.**, Cannon Brewery, Port Adelaide—Bottled ale and porter.
487. **Laura Brewery Co.**, Laura, S.A.—Lager beer in bottle, on bottom fermentation principle; beer in bulk.
488. **Sabine, T. T.**, Laura—Bottled ale and porter; beer in bulk, and aerated hop ale.
489. **Stephens & Co.**, Waymouth-street, Adelaide—Stout and ales.
490. **Tilley, R.**, Lion Bottling Co., North Adelaide—Bottled ale and porter.
491. **Ware, A. W. & T. L.**, Torrensidge Brewery, Southwark—Show case containing the materials used in making the Beverley ales and porter; also bottled ale and porter, malt ale, colonial bulk ale, and XX and XXX colonial bulk stout.

**CLASS 627—Cider, Perry, &c.**

492. **Lorne Vinegar Works**, Grote-street west, Adelaide—Lorne and sundry vinegar.
493. **Stephen & Co.**, Waymouth-street, Adelaide—Vinegar and fruit wines.
494. **Waverley Vinegar Co.**, West-terrace, Adelaide—Vinegars—brown malt, white wine, crystal, spiced, paragon, &c.
495. **Seppelt, B.**, Greenock—Vinegar.

**CLASS 628—Alcohols.**

496. **Seppelt, B.**, Seppeltsfield, P.O., Greenock—Spirits.

**CLASS 629—Liqueurs, Cordials, Bitters, Aerated Waters, &c.**

497. **Aerated Waters Co.**, Angas-street, Adelaide—Show case containing aerated waters, cordials, bitters, liqueurs, &c.
498. **Crowder & Co.**, Franklin-street, Adelaide—Aerated waters, cordials, &c.
499. **Carstairs & Coxell**, Eureka Cordial Factory, Currie-street, Adelaide—Cordials, liqueurs, and bitters.
500. **Hall, George, & Son**, Edward-street, Norwood—Cordials and aerated waters.
501. **Fotheringham, D. & R. J.**, Cordial Factory, Gawler—Liqueurs, cordials, bitters, and aerated waters.
502. **Laura Brewery Co.**, Laura, S.A.—Aerated waters, viz., lemonade, gingerale, sodawater, and sarsaparilla.
503. **Ryan & Co.**, Gray-street, Adelaide—Trophy of aerated waters and cordials.

504. **Stephen & Co.**, Waymouth-street, Adelaide—Bitters, liqueurs, cordials.

505. **Seppelt, B.**, Seppeltsfield, P.O., Greenock—Cordials, bitters, and liqueurs.

506. **Sabine, T. T.**, Laura—Aerated waters, viz., lemonade, gingerale, sodawater, and sarsaparilla.

**CLASS 630—Fish, Flesh, Fowl, Game, Eggs, &c.; Preserved Animal Extracts.**

507. **Conrad, L.**, 90, Hindley-street, Adelaide—Preserved meats; kegs and casks containing varieties of beef, dripping, and other preserves.

508. **Just, Heinrich**, O'Connell-street, North Adelaide—Very handsome glass case, especially designed for containing exhibitions of butcher fancy small goods.

509. **Royal Commission for S.A.**, Adelaide—Emu and ostrich eggs.

510. **Davenport, Sir Samuel**, Beaumont—Emu and ostrich eggs.

**CLASS 631—Dairy Produce—Milk Cream, Butter, Cheese, Bacon, &c.**

511. **Conrad, L.**, 90, Hindley-street, Adelaide—Bacon, hams, &c.

512. **Mount Gambier Butter Factory**, Mount Gambier—Cheese.

513. **Sandford, A. W. & Co.**, Curriestreet, Adelaide—Trophy of dairy produce produced in the Mount Gambier District.

514. **Tapzcott, Samuel**, Mount Pleasant—Cheese.

**CLASS 633—Honey and other Animal Products used for Food. Gelatine, Isinglass, &c.**

515. **Coleman & May**, Fairfield Apiary, Mount Barker—Honey, both extracted and in the comb, in glasses and tins.

516. **Walters & Co.**, Carrington-street, Adelaide—Honey, comb foundation, and apiarian supplies.

**CLASS 634—Skins, Hides, &c.**

517. **Davenport, Sir Samuel**, Beaumont—Emu skins, lizard skin, and dingo skin.

518. **Dowie, A.**, Rundle-street, and Bowden—Leather.

519. **Jahn, Carl**, Beulah-road, Norwood—Angora goat skin, sheep and lamb skins dyed.

520. **Royal Commissioners for S.A.**, Adelaide—One leopard-seal skin.

521. **Royal Commissioners for S.A.**, Adelaide—Skins of native animals.

522. **Reid, John, & Sons**, Hindmarsh—Leather.

523. **Reid, David**, Hindmarsh—Leather, sole dressing, and harness.

524. **Scriven Bros.**, Hindmarsh—Collection of dressed leather.

525. **Shaw, John, & Co.**, Hindmarsh—Basils, &c.

**CLASS 635—Furs, Feathers, Down, and Felting.**

526. **Cave, W. R., & Co.**, Adelaide—Ostrich feathers and eggs.

527. **Davenport, Sir Samuel**, Beaumont—Tuft of emu feathers, eagle feathers.

528. **Royal Commissioners for S.A.**, Adelaide—Furs of native animals.

**CLASS 636—Whalebone, Bones, Horns, &c.**

529. **Shaw, J., & Co.**, Hindmarsh—Bones, horns, hoofs, glue, and glue pieces.

**CLASS 637—Tallow, Stearine, Butterine, Glycerine, Candles, &c.**

530. **Shaw, J., & Co.**, Hindmarsh—Animal oils, &c.

**CLASS 640—Beeswax, Shellac, Cochineal, and other Insect Secretions.**

531. **Coleman & May**, Fairfield Apiary, Mount Barker—Beeswax.

**CLASS 641—Wool of Sheep—In the Fleece, Scoured, &c.**

532. **Angas, J. H.**, Coilingrove—Wool.

533. **Jahn, Carl**, Beulah-road, Norwood—Angora goat skin, sheep and lambs' skins in the wool.

534. **Maurice, Price**, Curriestreet, Adelaide—Angora goat skins in the wool.

535. **Ostermeyer, Dewez, & Co.**, Curriestreet, Adelaide—Samples of wool chiefly bought in S.A., showing some of the stages of manufacture. Not for competition.

536. **Smith, W., & Co.**, Heynam—Fleeces of ewes and lambs.

537. **Shaw, J., & Co.**, Hindmarsh—Sheepskins dressed with wool on.

**CLASS 644—Cotton, in the stem, in the boll, ginned, and baled.**

538. **Government Resident** (Hon. J. L. Parsons), Palmerston, Northern Territory—Upland cotton.

**CLASS 645—Hemp, Flax, Jute, Esparto Grass, Ramie, &c.**

539. **Government Resident** (Hon. J. L. Parsons), Palmerston, Northern Territory—Ramie rope fibre, pineapple fibre, prepared by Maurice Holtj.

**CLASS 646—Silk in the Cocoon and Reeled.**

540. **Scott, Miss May**, Fernleigh Cottage, Norwood—Collection of raw silk.
541. **Wurm, Fred.**, Cliffdale, near Stansbury—Silk cocoons.

**CLASS 658—Ostriches, and their Management.**

542. **S. A. Ostrich Company, Limited**, Eagle Chambers, King William-street—Ostrich feathers, egg shells, and photographs of the birds.

**CLASS 660—Wild Animals, Specimens of, stuffed, or otherwise preserved.**

543. **Royal Commissioners for S.A.**, Adelaide—Stuffed specimens of kangaroos, emus, wallabies, dingoes, and other native animals.

**CLASS 661—Insects, useful—Honey Bees, &c.**

544. **Simpson, A., & Son**, Gawler-place, Adelaide—Beekeepers' requisites.

**CLASS 662—Insects, injurious, and systems of their treatment.**

545. **Rothe, B. S.**, Sedan—A collection of S.A. insects.

**CLASS 667—Tillage Machinery, &c.**

546. **Harris, Scarfe, & Co.**, Gawler-place—May's patent "Eureka" automatic relief plough.
547. **Heithersay Bros.**, Petersburg—Ordinary plough; three-furrow; stump-jumper, three furrows, each with patent reversible ploughshares.
548. **Keipert, H. J.**, Crown Foundry, Laura—Plough and scarifier shares.
549. **Mellor Bros.**, Franklin-street, Adelaide—Agricultural implements and machinery.
550. **Mellor Bros.**, Franklin-street, Adelaide—Models of ploughs, &c.
551. **Maxwell, J.**, Manoora—Two triple stump-jumping ploughs.
552. **Stott, J. W., & Son**, Alma—Triple stump-jumping plough, &c., ordinary three-furrow plough.
553. **Wiesner & Bilbig**, Eudunda—Stump-jump treble plough, stump-jump scarifier, and leaf of stump-jump harrow.

**CLASS 668—Planting—Manual Implements—Steam-Power Machinery, &c.**

554. **Brice, Henry**, Buckland Park, Two Wells—A seed drill to be drawn from front by one horse, with handles projecting from behind for operator to steer it by; no shafts, but drawn by swingletree and traces. Designed to make its own drill, sow the seed, and cover it up as it proceeds.
555. **Dobbie, A. W.**, Gawler-place, Adelaide—Broadcast seed-sower for sowing wheat, barley, and other seeds.
556. **Hawke, H. B., & Co.**, Kapunda—Seed sower.

**CLASS 669—Harvesting Machinery, &c.—Manual Implements, Animal Power Machinery, &c.**

557. **Blake, Walter**, Balaklava—Damp weather stripping machine, for stripping and threshing standing corn in damp or ordinary weather.
558. **Cameron, R.**, Kapunda—Two Adelaide strippers for damp and ordinary weather.
559. **Dutch, C. E.**, Mount Barker—One combined wheat-threshing machine with straw elevator and wheat-cleaning attachments.
60. **Ramsay, J. G., & Co.**, Mount Barker—Stripper, and model of stripper and shearer.
561. **Stott, J. W., & Son**, Alma—Stripper.

**CLASS 670—Threshers, Winnowers, Horsepowers, &c.**

562. **Hawke, H. B., & Co.**, Kapunda—Horsepower castings.
63. **Forwood, Downs, & Co.**, Hindley-street West, Adelaide—Rack wool press and general collection of iron manufactures.
564. **Harris, G. P., Scarfe, & Co.**, Gawler-place, Adelaide—Ferrier's patent lever wool press, with the newly-improved traversing boxes as invented by A. McFarlane, Esq., Wellington, S.A.
565. **Wheatley, J.**, Kapunda—Two winnowing machines.
66. **Bagshaw, T. S.**, Elizabeth-street, Adelaide—Winnowing machine and horsepower.

**CLASS 671—Applicable to Farm Economy, &c.**

567. **Bagshaw, T. S.**, Elizabeth-street, Adelaide—Chaffcutter and cornercrusher, &c.
568. **Harris, G. P., Scarfe, & Co.**, Gawler-place, Adelaide—The old reliable "Freeport" windmill.
569. **Mellor Bros.**, Franklin-street, Adelaide—Windmills and implements.

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### Glass, Oil, & Colour Merchants.

PLATE GLASS.

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GLAZIERS' DIAMONDS.

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Linseed Oil, Cod Oil, Olive Oil, Palm Oil, Colza  
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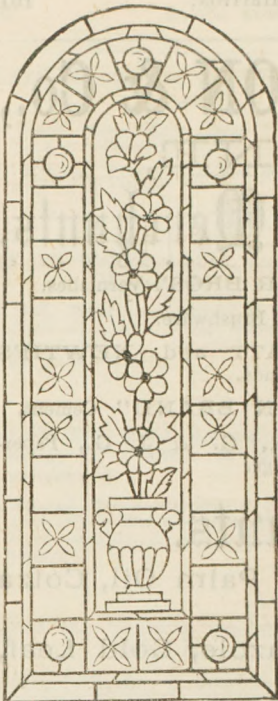
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- Residence of E. T. Smith, Mayor of Adelaide.
- W. Cain, Mayor of Melbourne.
- Dalgety & Company, Bourke Street, Melbourne.
- Carmelite Convent, South Melbourne.
- All Saints' Church, St. Kilda, Melbourne.
- Premier Buildings, Collins Street, Melbourne.



570. **Paternoster, E. J.**, Salisbury, S.A.—Patent all-iron windmill, "Little Gem," invented and made at Salisbury. To be erected with pump, &c., and shown with all its self-regulating appliances.

#### CLASS 672—Dairy Fittings and Appliances.

571. **Chambers, A. O.**, Flinders-street, Adelaide—Butter churns, moulds, and workers.

572. **Harris, G. P.; Scarfe, & Co.**, Gawler-place, Adelaide—Churns, ice chests.

#### CLASS 672a—Cooperage.

573. **Adams, E. A., jun.**, Hindmarsh-square East—Model and fancy cooperage of all kinds in wood; also general cooperage, commercial sizes.

574. **Adelaide Co-operative Cooperage**, Currie-street, Adelaide—Wine casks and hogsheads, barrels, half-barrels, kegs, beef tierces, vats, butter tubs, barrel churn, &c.

575. **Gerner, J. F., & Co.**, Coopers and Vat Builders, Currie-street, Adelaide (Established 1840)—General cooperage, consisting of casks of all kinds used by brewers, wine-growers, produce merchants, tallow ehancers, and others; collection of staves.

#### CLASS 673—Laying Out and Improving Farms.

576. **Simpson, A., & Son**, Gawler-place, Adelaide—Fence gates, whim buckets, sheep troughs, and wire strainers.

577. **Stott, J. W., & Sons**, Alma—Mallee bush cutter and earth scoop.

#### CLASS 674—Manures.

578. **Mehrtens, Lender**, Gilles-street, Adelaide—Bonedust, sulphur phosphate, bone-meal, animal charcoal, bonesh, and crushed bones.

#### CLASS 675—Transportation.

579. **Blake, Walter**, Balaklava—Waggon, as used for agricultural purposes.

580. **Wiesner & Hilbig**, Budunda—German waggon.

#### CLASS 676—Farm Buildings and Appurtenances.

581. **Murray, A. J.**, Morialta Chambers—Designs of farm buildings by the author, including all buildings, &c., required on a farm station.

#### CLASS 679—Systems of Canalization and Irrigation.

582. **Burchell, F. N.**, Water Conservator's Office—Designs, plans, and descriptions of canalization and irrigation.

## DEPARTMENT VII.

### *Horticulture and Floriculture.*

#### CLASS 700—Fruits of Temperate and Semi-tropical Regions.

583. **Beasley, W. M.**, Adelaide—Fruit, viz., oranges, apples, &c.

584. **Bray, J.**, Lamorna House, Payneham—Grapes.

585. **Beaseley, R. C.**, Para Wurra, Paradise—Oranges, apples, and pears.

586. **Ball, W. H.**, Angaston—Fruit.

587. **Crispen, John**, near Kersbrook, Chain of Ponds—Three quinces, 3½ lbs.

587A. **Hardy, Arthur**, Mount Lofty—Filberts and chestnuts grown at Mount Lofty by Arthur Hardy.

588. **Hart, James**, Stirling North—Peaches, plums, &c.

589. **Johnston, J.**, Wroxtton Grange, near Angaston—Apples, &c.

590. **Mundy, E.**, Blackwood—Peaches.

#### CLASS 701—Tropical Fruits and Nuts.

591. **Beasley, R. C.**, Para Wurra, Paradise—Oranges.

592. **Johnston, J.**, Wroxtton Grange, near Angaston—Dried apricots, apples, &c.

#### CLASS 702—Ornamental Trees and Shrubs, Evergreens.

593. **Hart, James**, Stirling North—Pampas grass.

594. **Smith, Edwin**, Clifton Nursery, Walkerville—Ornamental trees, shrubs, evergreens, &c.

#### CLASS 703—Herbaceous Perennial Plants.

595. **Smith, Edwin**, Clifton Nursery, Walkerville—Herbaceous perennial plants.

**CLASS 704—Bulbous and Tuberous-rooted Plants.**

596. **Smith, Edwin**, Clifton Nursery, Walkerville—Bulbous and tuberous-rooted plants, &c.

**CLASS 705—Decorative and Ornamental Foliage Plants.**

597. **Smith, Edwin**, Clifton Nursery, Walkerville—Decorative and ornamental foliage plants.

**CLASS 706—Annuals and other Soft-wooded Plants.**

598. **Smith, Edwin**, Clifton Nursery, Walkerville—Annuals, &c., &c.

**CLASS 707—Roses.**

599. **Smith, Edwin**, Clifton Nursery, Walkerville—Roses.

**CLASS 708—Cactaceæ.**

600. **Smith, Edwin**, Clifton Nursery, Walkerville—Cactaceæ.

**CLASS 709—Ferns and Lycopods.**

601. **Smith, Edwin**, Clifton Nursery, Walkerville—Ferns, &c., &c.

**CLASS 710—New Plants, with Statement of their Origin.**

602. **Smith, Edwin**, Clifton Nursery, Walkerville—New plants, with statement of their origin.

**CLASS 711—Bouquet Materials, &c.**

603. **Marks, Ann, Mrs.**, Jervois - street, New Thebarton—Wax flowers.
604. **Royal Commissioner for S.A.**, Adelaide—Wax models of fruits grown in South Australia, made by Mrs. Gray, Melbourne.
605. **Smith, Edwin**, Clifton Nursery, Walkerville—Floral designs, cut flowers, &c.
606. **Wickins, Martha**, John-street, Eastwood—Wax flowers.

**UNENUMERATED.**

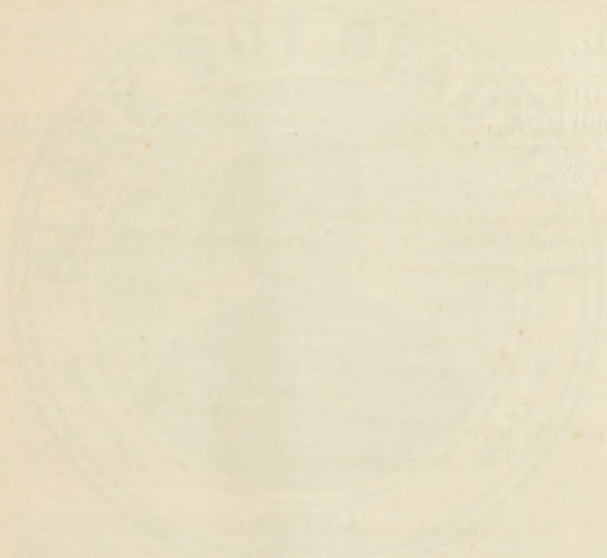
607. **Nash, Joseph George**, Hindmarsh-square, Adelaide—Iron turning, and bone ash for silver refining.

**CLASS 719—Ornamental Wirework.**

608. **Simpson, A., & Son**, Gawler-place, Adelaide—Garden seats.
609. **Harris, G. P., Scarfe, & Co.**, Gawler-place, Adelaide—Garden seats.

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A. c. c.



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FOR BOOTS AND SHOES. **BLACKING,** REQUIRES NO BRUSHING.

**HARNESS COMPOSITION** (Waterproof.)

**POLISHING PASTE**  
For Cleaning Metals and Glass.

**JET BLACK OIL** (for Harness).

**HARNESS LIQUID, or Self-Shining Jet.**

**BLACK DYE** for Staining Harness  
And all kinds of Leather.

**BRUNSWICK BLACK**  
For Varnishing Stoves and Grates.

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FISHERIES  
(Gold).



1883.

SYDNEY  
EXHIBITION  
PRIZE  
MEDAL.



FIVE  
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PARIS



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MILWARD'S REGISTERED CASES,  
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A requisite for every household.

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Only "GOLD MEDAL" for General Fish Hooks, Inland Fisheries, and  
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Printers' Furnishers,

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**Engravers,**

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AND

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Gold Medal, New Zealand.

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Silver Medal, Sydney.

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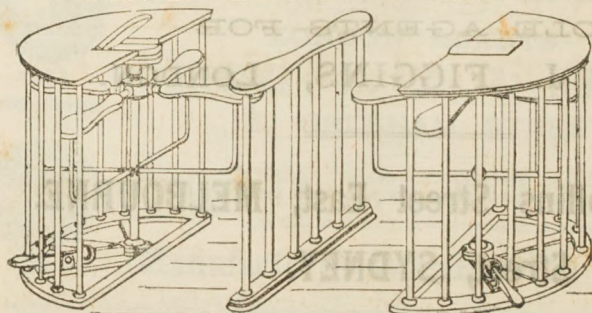
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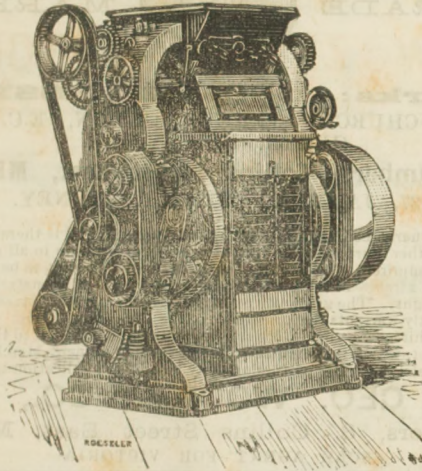
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