

1892.
NEW ZEALAND.

PATENTS, DESIGNS, AND TRADE-MARKS.

(THIRD ANNUAL REPORT OF THE REGISTRAR.)

Presented to both Houses of the General Assembly pursuant to Section 128 of "The Patents, Designs, and Trade-marks Act, 1889."

In compliance with the provisions of "The Patents, Designs, and Trade-marks Act, 1889," I have the honour to report as follows on the business of the Patent Office during the year ended 31st December, 1891:—

2. The appendix to this report contains the following returns:—

- A. Statement of revenue and expenditure.
- B. List of the staff and salaries.
- C. Return of applications for patents in each year from 1861 to 1889.
- D. Return of provisional and complete specifications received in 1890 and 1891.
- E. Classified return of applications to register trade-marks during 1890 and 1891.
- F. Nature of inventions for which letters patent applied for during 1891.
- G. Total number of applications relative to patents, designs, and trade-marks during 1890 and 1891.
- H. List of applications for letters patent in 1891, not included in last report.
- I. Return showing from what countries and colonies applications for letters patent have been received during 1890 and 1891.
- J. Return showing from what countries and colonies applications for registration of trade-marks have been received during 1890 and 1891.
- K. List of publications in the Patent Office Library.

3. No appeals have been made during the year against my decisions.

4. During the year 2,274 letters and memoranda were despatched. I would again urge upon applicants the necessity of ascertaining the simple requirements of the Act and regulations before forwarding their applications. This would save them both time and disappointment, and much needless work to this office. Recently a case occurred in which an applicant for a patent had his papers returned to him no less than four times before he could or would complete his application in compliance with the Act, &c., and protection of his invention was delayed nearly three months through his negligence. Probably many think these requirements are unnecessary and vexatious, but they are really for the benefit of the inventor, and in order to give him a valid patent. A faulty specification is worse than useless, it is mischievous—as many have found to their cost when they entered into litigation. This applies also to applications to register trade-marks.

5. It is impossible with the present staff to make a thorough search in order to ascertain whether the invention is a novelty. The records of this office are to a limited extent referred to, but the heavy task of searching the specifications received from other countries and colonies, and deposited in the Museum, cannot be undertaken by the Patent Office, and the responsibility is thrown upon the applicants to search for themselves, or to employ an agent to do so.

6. The Patent Office Library at the Museum is now in good order, and the number of visitors is increasing.

7. A collection of models for the Patent Office would be of great utility; but at present there is no accommodation for them.

8. Very few persons subscribe for the Patent Office supplement to the *New Zealand Gazette*, which gives particulars of applications relative to patents and trade-marks from all English-speaking countries, and occasionally from other places. Business men of all kinds would derive benefit from and be interested in the perusal of this useful publication. The newspapers having discontinued publishing applications for patents, it is the more important that the *Gazette* should be perused.

9. This colony has given its adhesion to the International Convention for the Protection of Industrial Property. Under this the subjects of each of the contracting States enjoy, as regards

patents, designs, and trade-marks, the advantages that their respective laws grant to their own subjects. Consequently they have the same protection as the latter, and the same legal recourse on any infringement of their rights, provided they observe the formalities and conditions imposed on subjects by the legislation of each State. To this Convention Great Britain, the United States, Belgium, Brazil, Spain, France, Italy, Holland, Portugal, Switzerland, Queensland, and other countries belong; and in these countries the people of this colony have the benefit of the advantages of the Convention, including protection for seven months of inventions, and four months of trade-marks and designs, protected in this colony.

10. Arrangements will shortly be completed with the Colony of Victoria for similar reciprocal protection.

11. It will be observed that the number of applications for registration of trade-marks has increased. As search has to be made in every case to ascertain whether a similar mark is already on the register, and questions have constantly to be decided as to the admissibility for registration of such marks, either on account of old marks being similar, or of doubts whether the new marks contain the essential particulars required by the Act, the work of the office in connection with them is very considerable.

12. My assistants perform their work with care and ability. The senior clerk, Mr. Lewis, has very responsible duties to perform, and takes great interest in them. He receives a very inadequate salary.

13. A comparison of the work and staff in this office with those in other colonies may be interesting. In 1889 the New South Wales Patent Office staff consisted of three officers and a messenger, with salaries amounting to £1,220, and the number of applications for patents was 796. Trade-marks are dealt with by another office. In Victoria the staff consisted of six officers, whose salaries amounted to £1,760; the number of applications in 1890 for patents was 1,017, and for registration of trade-marks 267. In Queensland, besides the Registrar, who is also Registrar-General, there are three clerks, with salaries amounting to £450; and the number of applications in 1890 was, for patents 395, and for registration of trade-marks 188. In this office there are two clerks with salaries amounting to £250; the number of applications for patents last year was 589, and for registration of trade-marks 225.

14. In the last report of the Commissioner of Patents for the United States that officer remarks that the patent law "exists for the benefit of the public, and to promote progress of science and useful arts. There is no class or condition of men in the whole country which has not felt the blessings of American inventive genius, fostered into its fullest flower by wise and kindly patent laws." And most undoubtedly we in New Zealand owe much to the patent laws of Great Britain, the United States, and other countries, as well as to our own Patents Acts. Inventions have furnished profitable employment for thousands of people, and have made the world richer as well as more comfortable. The profits of the Patent Office should be wisely and generously expended in fostering inventive talent. This could be done by publishing in a cheap and handy form, and by distributing to public reading-rooms, the specifications and drawings lodged in our Patent Office. Artisans and others might learn from them what has been done, and thus be urged to further inventions. Many, too, might be saved some disappointment and waste of precious time by knowing what has been already discovered and need not be repeated. It must be remembered that these specifications include not only New Zealand inventions, but those of the United Kingdom, America, Australia, and other countries. Up to the end of 1879 these specifications were published in yearly volumes, with photolithographs of the drawings: then a desire for economy caused the discontinuance of the publication. The system was defective and the sale was small, because publication was delayed till after, for some purposes, the time for its usefulness had passed. My proposal is now to print the specifications, with drawings, separately, and as soon as possible after they are lodged in the office, and to sell them at a moderate price. The several inventors would be only too glad to purchase copies of their own specifications, and there would be a gradually increasing sale to others; but there should be also a liberal distribution to public institutions. The present practice of specifications and drawings being copied by hand when required is necessarily costly, and prohibitive for the purpose of education.

15. There appears to be considerable ignorance of the fact that merchants, shopkeepers, and others are liable to a heavy penalty for representing articles as "patent" which have not been patented in this office, and trade-marks as registered which have not been registered, and this opportunity is taken of giving a word of caution on the subject.

16. Very few of our manufacturers seem to be aware of the advantage to be gained by them by registering designs, or more of them would probably take steps to protect their patterns from piracy.

17. As showing that some New Zealand inventions, at any rate, are considered of value, and that this colony is not backward as regards patents, I have extracted from the Patent Office report of England and statistics of New South Wales the following information: During 1890, 68 applications for patents were received in London from Victoria, 57 from New South Wales, 30 from India, 11 from South Australia, 7 from Queensland, 12 from Ceylon, 2 from Cape of Good Hope, 1 from Tasmania, and 48 from *New Zealand*; and during 1889 this colony showed a still better record. In New South Wales, out of 768 applications during 1890, 145 were from Great Britain, 43 from the United States, 150 from Victoria, 16 from Queensland, 27 from South Australia, and 43 from *New Zealand*. I regret that no information from Victoria has been received on this subject.

Patent Office, Wellington, 16th June, 1892.

C. J. A. HASELDEN,
Registrar of Patents, &c.

APPENDIX.

A.—STATEMENT of all FEES, SALARIES, ALLOWANCES, and other Moneys received and paid under the Act during the Year ending 31st December, 1891.

| | | £ | | s. | | d. | |
|--|-----|-----|-----|--------|----|----|--|
| Received— | | | | | | | |
| Patent fees | ... | ... | ... | 1,489 | 2 | 0 | |
| Designs fees | ... | ... | ... | 2 | 10 | 0 | |
| Trade-marks fees | ... | ... | ... | 267 | 11 | 6 | |
| Total | | ... | ... | £1,759 | 3 | 6 | |
| Paid— | | | | | | | |
| Salaries | ... | ... | ... | 245 | 0 | 0 | |
| Other moneys | ... | ... | ... | 56 | 11 | 3 | |
| Value of printing and stationery from Government Printing Office | | | | 90 | 0 | 0 | |
| Total | | ... | ... | £391 | 11 | 3 | |
| Credit balance | | ... | ... | £1,367 | 12 | 3 | |

B.—STAFF of OFFICERS and SALARIES.

| | | £ | |
|--|-----|-----|------|
| Registrar of Patents, Designs, and Trade-marks | | ... | Nil. |
| Clerk | ... | ... | 150 |
| Clerk | ... | ... | 100 |
| Total | | ... | £250 |

C.—NUMBER of APPLICATIONS for PATENTS and LETTERS of REGISTRATION under Acts now repealed.

| Year and Act. | Number of Applications received. | | Number of such Applications lapsed or refused. | | Number of Patents and Letters of Registration sealed on such Application. | | Number of such Patents lapsed owing to Non-payment of Renewal Fees. | | Number of such Patents and Letters of Registration in force to End of Term. | | |
|-------------------|----------------------------------|----------|--|----------|---|----------|---|----------|---|----------|----|
| | N.Z. | Foreign. | N.Z. | Foreign. | N.Z. | Foreign. | N.Z. | Foreign. | N.Z. | Foreign. | |
| Under Act of 1860 | 1861 | 6 | 15 | ... | 6 | 15 | ... | ... | 6 | 15 | |
| | 1864 | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | 1865 | 1 | 5 | ... | ... | 1 | 5 | ... | ... | 1 | 5 |
| | 1866 | 4 | 5 | ... | ... | 4 | 5 | ... | ... | 4 | 5 |
| | 1867 | 3 | 4 | ... | ... | 3 | 4 | ... | ... | 3 | 4 |
| | 1868 | 5 | 6 | ... | ... | 5 | 6 | ... | ... | 5 | 6 |
| | 1869 | 9 | 8 | ... | ... | 9 | 8 | ... | ... | 9 | 8 |
| Under Act of 1870 | 1870 | 19 | 19 | ... | ... | 19 | 19 | ... | ... | 19 | 19 |
| | 1871 | 19 | 10 | 5 | ... | 14 | 10 | ... | ... | 14 | 10 |
| | 1872 | 19 | 17 | 8 | ... | 11 | 17 | 10 | ... | 1 | 17 |
| | 1873 | 14 | 19 | 8 | ... | 6 | 19 | 4 | ... | 2 | 19 |
| | 1874 | 4 | 10 | 2 | ... | 2 | 10 | 2 | ... | ... | 10 |
| | 1875 | 16 | 22 | 7 | ... | 9 | 22 | 8 | ... | 1 | 22 |
| | 1876 | 19 | 5 | 6 | ... | 13 | 5 | 12 | ... | 1 | 5 |
| | 1877 | 15 | 23 | 6 | ... | 9 | 23 | 7 | ... | 2 | 23 |
| | 1878 | 27 | 23 | 4 | ... | 23 | 23 | 20 | ... | 3 | 23 |
| | 1879 | 22 | 25 | 9 | ... | 13 | 25 | 13 | ... | ... | 25 |
| | 1880 | 34 | 46 | 10 | ... | 24 | 46 | 16 | ... | 8 | 46 |
| Under Act of 1883 | 1881 | 34 | 43 | 10 | ... | 24 | 43 | 23 | ... | 1 | 43 |
| | 1882 | 89 | 93 | 34 | ... | 55 | 93 | 48 | 2 | 7 | 91 |
| | 1883 | 159 | 74 | 85 | ... | 74 | 74 | 57 | ... | 17 | 74 |
| | 1884 | 260 | 98 | 127 | 8 | 133 | 90 | 116 | 49 | 17 | 41 |
| | 1885 | 240 | 83 | 141 | 14 | 99 | 69 | 90 | 40 | 9 | 29 |
| | 1886 | 380 | 123 | 216 | 16 | 164 | 107 | 141 | 62 | 23 | 45 |
| | 1887 | 402 | 143 | 242 | 11 | 160 | 132 | * | * | * | * |
| | 1888 | 489 | 256 | 300 | 40 | 189 | 216 | * | * | * | * |
| | 1889 | 460 | 236 | 266 | 32 | 194 | 204 | * | * | * | * |

NOTE.—By "N.Z." is meant those in which the applicants reside in the colony, and by "Foreign" those in which they are not so resident.

* These columns are not filled up, as necessarily the returns would be incomplete and of no value, the respective periods not having yet expired.

D.—NUMBER of APPLICATIONS for LETTERS PATENT under Act of 1889.

| Year. | Number of Applications with which Complete Specifications lodged. | | Number of Applications with which Provisional Specifications lodged. | | Number of Applications for which Complete Specifications subsequently lodged. | | Number of Applications abandoned, lapsed, or refused. | | Number of Patents sealed and at present in Force. | |
|-------|---|----------|--|----------|---|----------|---|----------|---|----------|
| | N.Z. | Foreign. | N.Z. | Foreign. | N.Z. | Foreign. | N.Z. | Foreign. | N.Z. | Foreign. |
| 1890 | 244 | 205 | 108 | 59 | 27 | 17 | 185* | 40* | 144* | 216* |
| 1891 | 187 | 207 | 126 | 69 | 18* | 17* | 32* | 14* | 43* | 187* |

* These figures are necessarily incomplete, as the time for proceeding further with the applications has not yet expired.

E.—The following Table shows the Number of Applications to Register Trade-marks, the Number Advertised, and the Number Registered in the Fifty different Classes in 1890 and 1891 :—

| Classes. | Classification of Goods. | 1890. | | | 1891. | | |
|----------|--|--------------|---------|-------------|--------------|---------|-------------|
| | | Applied for. | Advert. | Registered. | Applied for. | Advert. | Registered. |
| 1 | Chemical substances used in manufactures, photography, or philosophical research, and anti-corrosives | 2 | 2 | 1 | 1 | 1 | 2 |
| 2 | Chemical substances used for agricultural, horticultural, veterinary, and sanitary purposes | 3 | 3 | 1 | 4 | 3 | 3 |
| 3 | Chemical substances prepared for use in medicine and pharmacy | 14 | 14 | 6 | 32 | 27 | 20 |
| 4 | Raw or partly-prepared vegetable, animal, and mineral substances used in manufactures not included in other classes | 1 | 1 | 1 | 1 | .. | .. |
| 5 | Unwrought and partly-wrought metals used in manufacture | 2 | 2 | 2 | 3 | 3 | .. |
| 6 | Machinery of all kinds, and parts of machinery, except agricultural and horticultural machines included in Class 7 | 1 | 1 | 1 | 2 | 2 | 2 |
| 7 | Agricultural and horticultural machinery, and parts of such machinery | 5 | 5 | 5 | 1 | 1 | .. |
| 8 | Philosophical instruments, scientific instruments, and apparatus for useful purposes; instruments and apparatus for teaching | 1 | 1 | 1 | 1 | 1 | .. |
| 9 | Musical instruments | .. | .. | .. | .. | .. | .. |
| 10 | Horological instruments | .. | .. | .. | .. | .. | .. |
| 11 | Instruments, apparatus, and contrivances not medicated for surgical or curative purposes, or in relation to the health of men or animals | 1 | 1 | 1 | 1 | 1 | 1 |
| 12 | Cutlery and edge-tools | 1 | 1 | 1 | .. | .. | .. |
| 13 | Metal goods not included in other classes | 2 | 2 | 2 | 2 | 2 | 2 |
| 14 | Goods of precious metals (including aluminium, nickel, Britannia-metal, &c.) and jewellery, and imitations of such goods and jewellery | 1 | 1 | 1 | .. | .. | .. |
| 15 | Glass | 3 | 3 | 2 | 1 | 1 | 2 |
| 16 | Porcelain and earthenware | .. | .. | .. | .. | .. | .. |
| 17 | Manufactures from mineral and other substances for building or decoration | .. | .. | .. | .. | .. | .. |
| 18 | Engineering, architectural, and building contrivances | .. | .. | .. | 1 | 1 | 1 |
| 19 | Arms, ammunition, and stores not included in Class 20 | .. | .. | .. | .. | .. | .. |
| 20 | Explosive substances | 2 | 2 | 2 | .. | .. | .. |
| 21 | Naval architectural contrivances and naval equipments | .. | .. | .. | .. | .. | .. |
| 22 | Carriages | .. | .. | .. | .. | 1 | 1 |
| 23 | Cotton-yarn and thread | .. | .. | .. | .. | 5 | 5 |
| 24 | Cotton piece-goods of all kinds | .. | .. | .. | .. | 1 | 1 |
| 25 | Cotton goods not included in Classes 23, 24, and 38 | .. | .. | .. | .. | .. | .. |
| 26 | Linen and hemp yarn and thread | .. | .. | .. | .. | .. | .. |
| 27 | Linen and hemp piece-goods | .. | .. | .. | 1 | 1 | 1 |
| 28 | Linen and hemp goods not included in Classes 26, 27, and 50 | .. | .. | .. | .. | .. | .. |
| 29 | Jute yarns and tissues, and other articles made of jute not included in Class 50 | .. | .. | .. | .. | .. | .. |
| 30 | Silk, spun, thrown or sewing | .. | .. | .. | 2 | 2 | 1 |
| 31 | Silk piece-goods | .. | .. | .. | 1 | 1 | 1 |
| 32 | Other silk goods, not included in Classes 30 and 31 | .. | .. | .. | .. | .. | .. |
| 33 | Yarns of wool, worsted, or hair | 1 | 1 | 1 | .. | .. | .. |
| 34 | Cloth and stuffs of wool, worsted, or hair | 1 | .. | .. | 1 | 2 | 1 |
| 35 | Woollen and worsted and hair goods not included in Classes 33 and 34 | 2 | .. | .. | 1 | 3 | 2 |
| 36 | Carpets, floorcloth and oilcloth | .. | .. | .. | .. | .. | .. |
| 37 | Leather, skins, unwrought and wrought, and articles made of leather, not included in other classes | 3 | 3 | 3 | 1 | 1 | .. |
| 38 | Articles of clothing | 17 | 16 | 7 | 9 | 10 | 15 |
| 39 | Paper (except paperhangings), stationery, and bookbinding | 1 | 1 | 1 | 3 | 2 | 2 |
| 40 | Goods manufactured from indiarubber and guttapercha, not included in other classes | .. | .. | .. | .. | .. | .. |
| 41 | Furniture and upholstery | .. | .. | .. | .. | .. | .. |
| 42 | Substances used as food or ingredients in food | 61 | 61 | 40 | 57 | 51 | 46 |
| 43 | Fermented liquors and spirits | 15 | 15 | 11 | 38 | 31 | 24 |
| 44 | Mineral and aerated waters, natural and artificial, including ginger-beer | 3 | 3 | 2 | 10 | 10 | 7 |
| 45 | Tobacco, whether manufactured or unmanufactured | 10 | 10 | 7 | 17 | 14 | 10 |
| 46 | Seeds for agricultural or horticultural purposes | .. | .. | .. | .. | .. | .. |
| 47 | Candles, common soap, detergents; illuminating, heating, or lubricating oils; matches; and starch, blue, and other preparations for laundry purposes | 7 | 7 | 2 | 13 | 13 | 12 |
| 48 | Perfumery (including toilet articles), preparations for the teeth and hair, and perfumed soap | 4 | 4 | 2 | 9 | 7 | 2 |
| 49 | Games of all kinds, and sporting articles not included in other classes | 1 | 1 | .. | 1 | 1 | 1 |
| 50 | Miscellaneous | 1 | 1 | .. | 4 | 4 | 4 |

F.—NUMBER and NATURE of LETTERS PATENT applied for in New Zealand during the Year 1891

| Nature of Invention. | Number of Applications. | Nature of Invention. | Number of Applications. | Nature of Invention. | Number of Applications. |
|--|-------------------------|---|-------------------------|---------------------------------------|-------------------------|
| Account-book | 1 | Electrical insulating | 1 | Meat-cover | 1 |
| Advertising | 6 | Electric machines | 5 | Mechanical movement | 1 |
| Amalgamating | 5 | Electro-medical apparatus | 4 | Medicines | 5 |
| Ambulance appliances | 1 | Electrolysis, manufacture of | 3 | Metals, separating, &c. | 37 |
| Amusements | 3 | articles by | | Milking | 1 |
| Anti-inflammable composition | 1 | Elevators | 5 | Moths, &c., exterminating | 3 |
| Augers | 2 | Enamel for wood, &c. | 2 | Motors and motive-power | 34 |
| Bait-can | 1 | Engines | 12 | Musical instruments | 2 |
| Barb-wire, manufacturing | 1 | Envelopes | 3 | Nail | 1 |
| Barrow | 1 | Excavating | 1 | Nickel | 1 |
| Basket | 1 | Exercising-machine | 1 | Nightsoil, &c., treating | 2 |
| Belt or girdle | 1 | Explosive | 1 | Ores, dressing, &c. | 6 |
| Beverage | 1 | Eyelet | 1 | Packing-case | 1 |
| Billiard-chalk holder | 1 | Fang-plate | 1 | Paint | 1 |
| Bill-hooks | 2 | Fascine-works | 1 | Painter's firebox | 1 |
| Binding | 2 | Fencing | 10 | Panelling | 2 |
| Blight-cure | 2 | Fermentations, collecting products of | 1 | Paper bags, making | 1 |
| Blind | 1 | Fibre, dressing, &c. | 7 | Pipes, coating | 1 |
| Blinkers | 1 | Filters | 4 | Pipe-coupling | 1 |
| Blue, liquid | 1 | Firebar | 1 | Pipes, manufacturing | 2 |
| Boilers, steam | 4 | Fire-extinguishing | 2 | Pipe (smoking) | 1 |
| Boiling | 2 | Fire-grating | 1 | Plane | 1 |
| Bolts and nuts | 5 | Fire-screens | 2 | Plate-powder | 1 |
| Books | 2 | Fire-telegraph instrument | 1 | Plate, stereo- and electro-type | 1 |
| Boots and shoes | 8 | Firearm | 1 | Plates, uniting metal | 1 |
| Bottles and bottling | 12 | Flax-dust for sores, &c. | 1 | Ploughs | 8 |
| Box | 1 | Flax, utilising tow of | 2 | Poison-laying | 1 |
| Brakes | 6 | Floors, washing | 1 | Polishing | 4 |
| Branding | 4 | Flooring, &c., substitute for | 1 | Postal wrappers | 4 |
| Breakwater | 1 | Flour-manufacturing | 2 | Potato-digging, &c. | 5 |
| Brewing | 2 | Fly-paper | 1 | Preserving | 7 |
| Brooms and brushes | 2 | Food | 1 | Presses | 5 |
| Buildings, &c., protecting | 2 | Freezing | 5 | Printing | 3 |
| Burnishing leather | 2 | Fruit-dryer and range | 1 | Pulley-block | 1 |
| Butter-beater | 1 | Fuel | 5 | Pulverising | 3 |
| Butter-making | 2 | Fuel, combustion of | 1 | Pumps | 7 |
| Butter-printers, &c. | 5 | Furnaces | 6 | Rabbits, destroying | 10 |
| Buttons | 2 | Gas | 4 | Racing-clock | 1 |
| Calculating | 1 | Furniture | 4 | Railways | 11 |
| Carbonic-acid gas, collection and utilisation of | 1 | Gate | 1 | Rails, stopping gaps between | 1 |
| Castors | 2 | Gold, obtaining | 29 | Rasp | 1 |
| Cement | 2 | Grain, &c., drying | 1 | Reaping | 3 |
| Chaff-blowers | 2 | Grain, pickling | 1 | Recording | 2 |
| Chaff-cutting | 2 | Grinding and sharpening | 2 | Registering-machine | 1 |
| Chimney-damper | 1 | Grooming horses | 1 | Ridging | 2 |
| Chimney-sweeper | 1 | Harness | 3 | Road-repairing | 1 |
| Chimney-top | 1 | Harvesting | 6 | Runaways, stopping | 2 |
| Churns | 4 | Heating | 2 | Saddle-tree | 1 |
| Cigarette-making, &c. | 4 | Hinges | 3 | Salt, manufacturing | 2 |
| Clamping | 2 | Horse-cover | 1 | Sash-balances | 4 |
| Closets | 4 | Horse-shoes | 3 | Scarifiers | 3 |
| Clothes, drying | 3 | Hose-reel | 2 | Seed-cleaners | 6 |
| Clothing | 7 | Hydrant | 1 | Separating materials | 3 |
| Coating for steam, &c., pipes | 1 | Hydraulic machinery | 1 | Sewers | 2 |
| Coin-freed machines | 2 | Illuminating | 7 | Sewing-machines | 6 |
| Combustion, aiding | 2 | Indicating apparatus | 3 | Shaft-sinking | 1 |
| Compasses | 3 | Ink-pad | 1 | Sharpening-stone | 1 |
| Compressing | 2 | Insecticides | 1 | Shearing and clipping | 17 |
| Concentrating | 4 | Insulating | 1 | Sheep-shears | 16 |
| Conduits | 3 | Ironing | 1 | Signalling | 3 |
| Cooking apparatus | 4 | Ironsand, treating | 7 | Sign-letter | 1 |
| Copper tubes, &c., manufacturing | 1 | Jack, lifting | 2 | Skins, plucking | 1 |
| Corks, drawing | 1 | Kauri-gum, preparing | 8 | Smoke-consumers | 2 |
| Counting sheep, &c. | 2 | Kettle | 1 | Soap | 1 |
| Couplings | 2 | Knives, cleaning | 1 | Sowing | 2 |
| Cream, separating | 1 | Lacing | 1 | Spark extinguisher, or arrester | 2 |
| Cutting | 4 | Ladder | 1 | Spinning and spooling | 1 |
| Cycle | 1 | Lamb-feeder | 1 | Spraying plants | 1 |
| Dags, clearing | 1 | Lamps | 6 | Stand, tin | 1 |
| Die | 1 | Last | 1 | Stirrup | 2 |
| Disinfecting | 3 | Leather, colouring and enamelling | 1 | Stone-dressing | 2 |
| Door-handles | 1 | Leaves, turning | 1 | Straw-shaker, &c. | 1 |
| Doors | 1 | Lens | 1 | Tallying | 2 |
| Doors, closing and locking | 1 | Lightning arrester | 1 | Tanning | 2 |
| Draining | 1 | Loading wagons, &c. | 2 | Tapping | 1 |
| Drawing-instructor | 1 | Locks and latches | 2 | Target | 1 |
| Dredging | 4 | Looping | 1 | Telegraphy | 5 |
| Dressmaking | 3 | Lubricating | 2 | Telephones | 2 |
| Drill | 1 | Malt, preparing | 1 | Telescope | 1 |
| Drying | 5 | Manuring | 2 | Thawing | 1 |
| Dynamometer | 1 | Match-box | 1 | Theodolite | 1 |
| | | | | Threshing | 4 |
| | | | | Tickets, issuing, &c. | 1 |

F.—NUMBER and NATURE of LETTERS PATENT applied for in New Zealand during the Year 1891
—continued.

| Nature of Invention. | Number of Applications. | Nature of Invention. | Number of Applications. | Nature of Invention. | Number of Applications. |
|--------------------------------|-------------------------|--|-------------------------|----------------------------------|-------------------------|
| Tills | 2 | Vehicles | 23 | Wave-power motor | 1 |
| Timekeepers | 3 | Ventilating | 4 | Well-sinking | 1 |
| Tools | 4 | Vermin, destroying | 1 | Wheel, water | 1 |
| Toy | 1 | Vessels | 7 | Whitelead, manufacturing | 1 |
| Tramways | 3 | Vessels (for preserved meat, &c.) | 4 | Winding | 3 |
| Traps for rabbits, &c. | 5 | Vinery | 1 | Windmill | 1 |
| Tub | 1 | Wall-paper, &c., substitute for | 1 | Windows, cleaning, &c. | 1 |
| Tubes, manufacturing | 1 | Washing | 14 | Window-sash | 1 |
| Tunnelling | 1 | Watch-pendant | 1 | Wines, producing | 1 |
| Turbine | 1 | Watercourses, forming and deepening, &c. | 1 | Wire | 1 |
| Typewriter | 1 | Watering | 2 | Wire, straining, &c. | 5 |
| Tires, closing | 2 | Water purifying and softening | 1 | Wood (joining pieces of) | 1 |
| Unloading trucks, &c. | 1 | Water-wheel | 1 | Wool, preparing, &c. | 6 |
| Valves | 5 | | | Wreck-raising | 2 |

NOTE.—As some applications are entered under more than one head, the figures will add up to more than the actual number of applications received.

G.—TOTAL NUMBER of APPLICATIONS for PATENTS, and REGISTRATION of DESIGNS, and TRADE-MARKS for the Years 1890 and 1891.

| Year. | Patents. | Designs. | Trade-marks. | Total. |
|-------|----------|----------|--------------|--------|
| 1890 | 616 | 5 | 160 | 781 |
| 1891 | 589 | 4 | 225 | 818 |

H.—LIST of APPLICATIONS for PATENTS during the Year 1891.

NOTE.—A list of applications (Nos. 4779 to 4891), with which complete specifications were lodged, will be found at the end of the report for the year 1890. An asterisk (*) denotes that a provisional specification has been filed with the application.

4790. 6th January. ANDREW HONMAN, of Nelson Place, Williamstown, Victoria, Surgeon, and VICTOR VULLIEZ, of Osborne Street, Williamstown, aforesaid, White-lead Manufacturer.—An invention for an improved process of extracting silver from lead-ores.* (Abandoned.)
4791. 9th January. JOHN LANGMUIR, of Lawrence, Otago, New Zealand, Surveyor.—An invention for an improved tripod hinge-joint, adaptable to theodolite or level tripod-heads, to be called "The Theodolite and Level Tripod Improved Clamping Hinge-joint."* (Abandoned.)
4796. 6th January. WILLIAM JOHN SYDNEY DAY, of Auckland, New Zealand, Printers' Manager.—An invention for an improved blocking-press.* (Abandoned.)
4798. 6th January. WILLIAM WATSON, of Adam Street, Dunedin, New Zealand, Engineer and Draughtsman.—An invention for obtaining gold from river-beds, called "A Movable Cofferdam."* (Abandoned.)
4808. 19th January. GEORGE ALLEN, of Masterton, New Zealand, Blacksmith.—An invention for an upsetting-machine for closing tires in an ordinary vice.* (Abandoned.)
4814. 20th January. ARTHUR JAMES COYLE, of Queen Street, Auckland, New Zealand, Brush-manufacturer.—An invention entitled "Coyle's Renewable Tuft to Bottle-washers."* (Abandoned.)
4819. 29th January. RICHARD BOYD ECHLIN, of 127, Queen Street, Brisbane, Queensland, Sharebroker, and HORACE JOHN PAGE, of Kelvin Grove Road, Brisbane aforesaid, Clerk.—An invention for an improved machine for issuing tickets, receipts, cheques, &c., and for recording the number issued.*
4820. 29th January. WILLIAM PRIESSNITZ BONWICK, of 59, Blomfield Road, Paddington, Middlesex, England, Tutor.—An invention for improvements relating to bottles and in the means for closing and opening them.*
4821. 29th January. FRANK ARTHUR HARRIS, of South Preston, near Melbourne, Victoria, Porter, WILLIAM MACHAR, of Collingwood, near Melbourne aforesaid, Engineer, and WILLIAM GEORGE SANDYS, of South Preston aforesaid, Engineer.—An invention for an improvement in the manufacture of earthenware drainpipes and linings for sewers.* (Abandoned.)
4834. 5th February. RICHARD GURNEY, of 94, Willis Street, Wellington, New Zealand, Basket-maker.—An invention entitled "Gurney's Iron Handle and Basket-bottom Protector."* (Abandoned.)

4835. 5th February. SOLOMON COX, of Bendigo Street, Richmond, Victoria, Horse-dealer.—An invention for a new compound for blistering and curing sprains, swellings, mange, and other skin- and foot-diseases in horses, bullocks, dogs, sheep, and other animals.* (Abandoned.)
4836. 5th February. CHARLES WALTER PRICE, of Wellington, New Zealand, Plumber.—An invention for a new or improved churn.* (Abandoned.)
4837. 5th February. WILLIAM O'BRIEN, Jun., of Upper Waipori, Otago, New Zealand.—An invention for a new kind of dredge, to be called "O'Brien's Hydraulic Suction Dredge."* (Abandoned.)
4841. 3rd February. EDWIN FAIRBURN, of Parnell, Auckland, New Zealand, Surveyor.—An invention for propelling vessels by wave-power, the title of which is "The Wave-power Perpendicular Motor."* (Abandoned.)
4845. 6th February. WILLIAM CUTHBERT, of Hull Street, Oamaru, New Zealand, Building Contractor.—An invention for cutting stone, to be called "A Reciprocating Toothed Saw-frame Stone-cutter."*
4850. 12th February. WILLIAM HENRY BOYENS, of Kaikoura, Marlborough, New Zealand, Engineer.—An invention for a billiard chalk-holder and suspender.* (Abandoned.)
4855. 13th February. HERMANN GRUSON, of Magdeburg-Buckau, Germany, Engineer.—An invention for an improved amalgamator.*
4857. 10th February. FREDERIK PETERSEN, of Milton, Otago, New Zealand, Engineer.—An invention for improvements in hydro-metallurgical methods of extracting metals from their ores.* (Abandoned.)
4869. 24th February. HENRY HUGHES, of Wellington, New Zealand, Engineer and Patent Agent.—An invention for improved conduit for carrying wires, cables, pipes, and the like, below the surface of streets and roads.* (C. J. Levien.) (Abandoned.)
4876. 2nd March. GEORGE VAL BILLMAN, of Cuba Street, Wellington, Cab Proprietor.—An invention for a new or improved brake for carriages, traps, and vehicles of all kinds.*
4877. 3rd March. WILLIAM BETTY, of Masterton, New Zealand, Road Overseer.—An invention for a pendulum lever for lessening the power required to work a force or other pump.*
4878. 8th March. ARTHUR WILBRAHAM DILLON BELL, Civil Engineer, and JOHN WELSBY, Mechanical Engineer, both of Wellington, New Zealand.—An invention for improvements in apparatus for actuating lifts, elevators, and similar machinery.*
4883. 11th March. THOMAS MONTRESOR BALDWIN, of Milton, Otago, New Zealand, Accountant, and FREDERIK PETERSEN, of the same place, Engineer.—"Improvements in separating and concentrating metallic materials from wash-dirt, and applicable for general ore-dressing purposes."*
4890. 14th March. LAURENCE BERNARD McGRATH, of Williamstown, Victoria, Manufacturing Engineer, HIRAM JONES, of Footscray, Victoria, Mechanical Engineer, and WILLIAM THOMAS CARTER, of Williamstown aforesaid, Member of the Victorian Legislative Assembly.—An invention for "New or improved combined supply-, cut-off-, expansion-, and exhaust-valves, with corresponding automatic variable gear for land, marine, and locomotive steam-engines, and other motors."*
4892. 12th March. WILLIAM ROLLITT, of Ashburton, Canterbury, New Zealand, Miller.—An invention for an improved method of manufacturing wheaten meal flour.*
4893. 18th March. NATHANIEL DODGSHUN, of Wellington, New Zealand, Merchant.—An improved tailor's duplex press-board.
4894. 13th March. AARON BLACKE, Tobacconist, and JOHN KENNEDY JAMESON, Engineer, both of Invercargill, New Zealand.—An invention for "Blacke and Jameson's Patent Vertical Flax-stripper," for stripping New Zealand flax.
4895. 19th March. RICHARD PENNEFATHER ROTHWELL, of 27, Park Place, New York, United States of America, Mining Engineer.—An invention for improvements in apparatus for sinking shafts.
4896. 19th March. JONATHAN TREVETHICK, of Lower Hutt, Wellington, New Zealand, Brush-maker.—An invention for a new or improved method of and apparatus for manufacturing brooms, brushes, and some other similar articles.*
4897. 20th March. BERT WILLIAM CRISSEY, Commercial Agent, and VICTOR CHARLES HOTTENSTEIN, Commercial Agent, both of Sydney, New South Wales.—An invention for an improved contrivance for washing dishes and other articles and substances.*
4898. 20th March. THOMAS JOHN HOOD, of Newtown Road, Sydney, New South Wales, Doctor of Medicine.—An invention for improvements in boots and shoes for footwear.
4899. 16th March. EDWARD GRAVE, of Tyne Street, Oamaru, New Zealand, Sailmaker and Ship Chandler.—An invention for the economical and comfortable covering of horses, to be called "Grave's Patent Atlas Durable Waterproof Self-adjusting Horse-cover."*
4900. 20th March. JOHN EVELYN LIARDET, of 37, Russell Road, Kensington, London, England Gentleman.—An invention for improvements in water-motors.
4901. 20th March. RICHARD HORNSBY AND SONS (LIMITED), of Spittlegate Ironworks, Grantham, Lincoln, England, Engineers.—An invention for improvements in reaping- or harvesting-machines. (J. Hornsby, J. Innocent, and J. H. Smith.)
4902. 23rd March. THOMAS HAYCOCK, of Richmond, Nelson, New Zealand, Toilet-soap Maker.—An invention for extracting and utilising the pulp from New Zealand flax.*
4903. 25th March. SAMUEL CLOVER, of Sandon, New Zealand, Flour-miller.—An invention for drying grain or other substances, to be known as "Clover's Simplex Vibrating Grain-drying Machine."*
4904. 24th March. JOB OSBORNE, of Doyleston, Canterbury, New Zealand, Farmer.—An invention for improvements in appliances for sinking artesian wells.

4905. 26th March. SIR WILLIAM GEORGE MONTAGUE CALL, Baronet, of 10, Pall Mall, Middlesex, England.—An invention for improvements relating to the washing or scouring of cotton-waste and other dirty materials or fabrics.
4906. 26th March. ANNE CLARKE HOLDEN, of Paterson River, New South Wales, Spinster.—An invention for an improved combined scrubbing and mopping appliance.
4907. 26th March. THOMAS OLDHAM BENNETT, of Sydney, New South Wales, Mechanical Engineer.—An invention for improvements in machine sheep-shears and in the mode of driving the same.
4908. 26th March. WILLIAM CLARK, of Sydney, New South Wales, Inspector of Sanitary Plumbing.—An invention for an improved automatically-flushing water-closet, and apparatus in connection therewith.
4909. 26th March. AUGUSTUS GROSS, of Sydney, New South Wales, Optician.—An invention for an improved mode of and appliance for locking nuts on bolts.
4910. 26th March. HENRY PARKINSON, of Mailor's Flat, near Warrnambool, Victoria, Machinist, and WILLIAM HENRY BATEMAN, of Koroit Street, Warrnambool aforesaid, Stock Agent.—An invention for an improved coupling for connecting shafts or poles to vehicles.*
4911. 25th March. JAMES FORSYTH, of Lower Cargill Street, Dunedin, New Zealand, Clerk in New Zealand Railways.—An invention for a new and improved system for extracting fibre from our fibre-producing plants indigenous to New Zealand—viz., New Zealand flax; silver, red, and yellow tussock; serge- and snow-grass; and native cabbage-tree leaves.
4912. 31st March. HEINRICH JULIUS WILHELM, of Beaconsfield, KIWITEA, New Zealand, Blacksmith.—An invention for an improvement in wool-presses, to be called "H. J. Wilhelm's Patent Simplex Lever Wool-press."
4913. 31st March. ALEXANDER FRANCIS GARDEN BROWN, of Swindridge Muir, Dalry, Ayr, Scotland, Gentleman.—An invention for improvements in rotary engines.
4914. 31st March. JOHN BOWING, of Tilbury, in Essex, England, Consulting Chemist.—An invention for improvements in the manufacture of fuel from coal-slack and similar substances, and in obtaining tar-products.
4915. 31st March. CHARLES ARTHUR BARRETT and ALFRED BARRETT, both of Beech Street, London, England, Engineers.—An invention for improvements in what are known as automatic or coin-freed dynamometers.
4916. 31st March. ADAM SPIES, of Mudgee, New South Wales, Mechanical Engineer.—An invention for improvements in churns.
4917. 31st March. JAMES REID, of Oamaru, New Zealand, Blacksmith, and JOHN GOLDING HOWARD, of the firm of J. and C. Howard, Engineers, Agricultural Implement and General Machinery Importers, of Sydney, New South Wales.—An invention for improvements in ploughs.*
4918. 1st April. WILLIAM ARTHUR BROWNING and THOMAS TORY, of Palmerston North, New Zealand, Coachbuilders.—An invention for a spring shaft-attachment for two-wheeled vehicles, to be called "Browning and Tory's Eclipse Spring Shaft-attachment."
4919. 10th February. JOHN HISLOP, of Dunedin, New Zealand, Watchmaker.—An invention for shearing sheep, clipping horses, and other similar work, to be called "Hislop's Hand-power Shearing-machine."*
4920. 1st April. ERNST FAHRIG, of 24, Listria Park, Stamford Hill, Middlesex, England, Electrical Engineer.—An invention for an improved composition applicable for electrical insulating and other purposes; and the process for manufacturing the said composition.
4921. 3rd April. JOSEPH RICHARDS, of Danevirke, Hawke's Bay, New Zealand, Gardener.—An invention for "Richards's Blight- and Insect-cure for Fruit-trees."
4922. 3rd April. OTTO FLOHR, of 557, Masten Street, Buffalo, in the County of Erie and State of New York, United States of America, Mechanical Engineer.—An invention for improvements in automatic couplings for railway coaches, trucks, wagons, and like vehicles.
4923. 2nd April. WILLIAM BARNETT, Chemist, and JAMES TRENT, Gentleman, both of Christchurch, New Zealand.—An invention for an apparatus for extracting and saving the fat or grease from wool, and for cleaning the said wool by the use of benzine or other suitable volatile solvent.
4924. 3rd April. JAMES WOODFORD, of 31, Nursery Road, Linwood, Christchurch, New Zealand, Watchmaker.—An invention for "Woodford's Electro-magnetic Iron, Gold, and Sand Separator."
4925. 3rd April. GEORGE SARGENT JAKINS, of Blyth's Road, Papanui, Christchurch, New Zealand, Merchant.—An invention for patent pigeon-cage for marine telegraphy, to be used at night.*
4926. 4th April. REUBEN WITHELL, of Brookside, Canterbury, New Zealand, Dairy-farmer.—An invention for an improved butter-print.
4927. 7th April. WILLIAM HENRY BOYENS, Engineer, and ROBERT RUSSELL LOCHHEAD, Blacksmith, both of Kaikoura, New Zealand.—An invention for an improved potato-digger and gatherer.*
4928. 4th April. MOSES BATE, of Brighton Road, Parnell, Auckland, New Zealand, Millwright.—An invention for improvement for the separating of iron or any magnetic materials from any other materials by magnetic attraction.
4929. 6th April. HERBERT HENRY SMITH, of Auckland, New Zealand, Wrought-iron Range Manufacturer.—An invention for a combination range or oven and fruit-drier.
4930. 8th April. ALEXANDER MCVICAR, Engineer, and ERNEST KRAUSE, Fireman, both of Napier, New Zealand.—An invention for a new or improved apparatus for drying or preparing wool.*

4931. 10th April. ANDREW HONMAN, of Electra Street, Williamstown, Victoria, Surgeon, and VICTOR VULLIEZ, of Osborne Street, Williamstown aforesaid, White-lead Manufacturer.—An invention for improvements in the process of and apparatus for the manufacture of white-lead.*
4932. 10th April. WALTER MORRISON, of Sydney Road, Brunswick, Victoria, Bootmaker.—An invention for an improved heel-plate for boots and shoes.
4933. 11th April. EDWARD FIELD, of Chandos Chambers, 22 Buckingham Street, Adelphi, London, England, Consulting Engineer.—An invention for method of and apparatus for producing mixture of steam and air under pressure for use in motive-power engines.
4934. 4th April. ALEXANDER THOMPSON, of Kelso, Otago, New Zealand, Farmer.—An invention for "Thompson's Improved Machine for Manuring, Drilling, and Sowing."
4935. 6th April. FREDERICK WALTER PAGE, of Chertsey, Canterbury, New Zealand, Labourer, and WILLIAM CHARLES PAGE, of Ashburton, Canterbury aforesaid, Carpenter.—An invention for a screw lock-staple for holding wire in fences, to be called "Page's Patent Screw Lock-staple for Fencing."
4936. 13th April. WILLIAM WRATTEN, of Birch Hill, Martinborough, New Zealand, Sheep-farmer.—An invention for improvements in latches or hasps for fastening doors or gates.
4937. 11th April. CHARLES LENDRICK MACLEAN, of Kaikoura, New Zealand, Barrister.—An invention for an improved safety postal wrapper.*
4938. 16th April. EDWARD WATERS, of 131, William Street, Melbourne, Victoria, Patent Agent.—An invention for an improvement in the driving mechanism for harvester binders. (J. C. McLachlan.)
4939. 16th April. EDWARD WATERS, of 131, William Street, Melbourne, Victoria, Patent Agent.—An invention for an improved sign-letter or symbol. (G. J. B. Rodwell.)
4940. 16th April. GILBERT TOMKINS, of San Leandro, California, United States of America, Gentleman.—An invention for improvements in foot-rasps for horses.
4941. 9th April. ROBERT SACKVILLE MATHESON, of the Glen, Mornington, Dunedin, New Zealand, Insurance Clerk.—An invention for "The Simplex Combination Envelope and Letter Notice or Circular Paper."
4942. 10th April. GEORGE RUSSELL FELLOWS, of Princes Street, Onehunga, New Zealand, Furnace-builder.—An invention for ironsand deoxidizer and general purifier.
4943. 14th April. WILLIAM JOHN BLAKEY, of Albert Street, Auckland, New Zealand, Blockmaker.—An invention for a new and useful improvement in clothes-pins.
4944. 15th April. GEORGE RUSSELL FELLOWS, of Onehunga, New Zealand, Furnace-builder.—An invention for ejecta fettling for use in puddling and mill furnaces working iron and steel.
4945. 17th April. EDWARD JONES, of Sydenham, New Zealand, General Smith.—An invention for improvements in the construction of gigs or other similar vehicles. (Withdrawn.)
4946. 20th April. RELPH CUNLIFFE DIXON, of Sydney, New South Wales, Gentleman.—An invention for an improved lamp to be used for burning the vapour from suitable volatile oils.
4947. 20th April. CHRISTIAN KOERSTZ, of Balmain, near Sydney, New South Wales, Mechanical Engineer, and LOUISA MASON, of Sydney, in the said colony.—An invention for an improved double-acting pump.*
4948. 20th April. GEORGE SYME, Timber Merchant, and JOHN RAUCH, Engineer, both of Hawera, New Zealand.—An invention for an improved washing-board.
4949. 10th April. MATTHEW HIGHT LAUCHLAN, of 369, George Street, Sydney, New South Wales, Manufacturers' Agent.—An invention for improvements in tapping cocks and valves. (B. J. Bacon.)
4950. 21st April. EDWARD WATERS, of 131, William Street, Melbourne, Victoria, Patent Agent.—An invention for improvements in or connected with the positive elements (negative electrodes in charging) of secondary batteries, which elements are applicable also as cathodes in electrolysis. (The Mining and General Electric Lamp Company, Limited; D. G. Fitzgerald.)
4951. 21st April. JOHN STEWART WALLACE, of Belfast, Antrim, Ireland, Timber Merchant.—An invention for improvements relating to guns or rifles and other apparatus operated by compressed or liquefied gases.
4952. 16th April. WILLIAM ROSS, of Invercargill, New Zealand, Twine-manufacturer.—An invention for "Ross's Patent Flax Steaming and Dressing Process."
4953. 22nd April. JAMES EDWARD FULTON, of Wellington, New Zealand, Civil Engineer.—An invention for an improved method of protecting bolts and nuts from the action of the weather.*
4954. 24th April. ABRAHAM DAVID LASKER, of Sydney, New South Wales.—An invention for a new or improved anti-inflammable composition.
4955. 24th April. EDWARD LEWIS, of Salisbury Buildings, Bourke Street, Melbourne, Victoria, Agent.—An invention for an improved hydrant and valves. (W. Errington.)*
4956. 24th April. DONALD GRANT BROWN, of Bath Street, Abbotsford, Victoria, Furniture Salesman.—An invention for an improved nut-lock for screw-bolts.*
4957. 24th April. JOHN POOL, of Milparinka, New South Wales, Surveyor.—An invention for an improved exterminator and process for applying noxious gases to burrows.*
4958. 24th April. EDWARD SEITZ, of Market Buildings, Flinders Lane, Melbourne, Victoria, Consulting Engineer.—An invention for an improved centrifugal pump.
4959. 24th April. WILLIAM MEIKLE, of Goulburn, New South Wales, Mechanical Engineer.—An invention for improved exhaust-blast contrivance for locomotive and suchlike steam-boilers.*
4960. 24th April. ROBERT MCKENZIE, of Sydney, New South Wales, Chief Sanitary Inspector of the Board of Water-supply and Sewerage.—An invention for improved appliances to be used in connection with sewers, whereby the same are more effectively ventilated, and the noxious gases and disease-germs contained therein destroyed.

4961. 24th April. MARCUS STOW HILL, of Sydney, New South Wales, Exporter.—An invention for improvements in pneumatic desiccating-closets.
4962. 24th April. JOHN TRY, of Sydney, New South Wales, Contractor.—An invention for an improved mode of manufacturing Portland cement.
4963. 24th April. WALTER WILLIAM SMITH, of Priory Works, High Road, Lower Clapton, London, England, Railway-rug and Lubricator Manufacturer.—An invention for improvements in journal-bearing lubricators.*
4964. 24th April. EVERARD HESKETH and ALEXANDER MARCET, both of 23, St. Swithin's Lane, London, England, Engineers.—An invention for improved means to be employed in connection with the freezing or chilling of meat or other articles.*
4965. 24th April. THOMAS PINK, of Bermondsey, London, England, Manufacturer and Merchant.—An invention for apparatus for acknowledging and recording payments.
4966. 20th April. JOHN WATSON, of Tay Street, Invercargill, New Zealand, Tinsmith.—An invention for "Watson's Patent Magic Flyer."
4967. 18th April. JAMES KELLY, of Auckland, New Zealand, Engineer.—An invention for "The Wizard Power-jack."
4968. 20th April. WALTER COUSENS ALEXANDER, of Grenville House, Boutport Street, Barnstaple, North Devon, England, at present lodging at the house of Mrs. Wrigg, Dalston Villa, Grafton Road, Auckland, New Zealand.—An invention for separating the magnetic ironsand from titanium and siliceous matter, for the purpose of obtaining the ironsand and titanium for certain uses.*
4969. 23rd April. JOSEPH SCOTT, of Kuaotuna, Coromandel, Auckland, New Zealand, Miner.—An invention for "Scott's Concentrator and Amalgamator combined."*
4970. 30th April. THOMAS WHITE, of Rangiora, New Zealand, Coachbuilder.—An invention for "Simplex Springs for Two-wheeled Vehicles."
4971. 27th April. SAMUEL BARBER, of the Adelphi, London, England, Engineer.—An invention for improvements in the method of, and machinery or apparatus for, continuous cleaning and mechanically distilling with other materials of coal, coke, metal ores, pulps, and suchlike materials.*
4972. 27th April. JOSIAH CLIFTON FIRTH, of Auckland, New Zealand, Gentleman.—An invention for a new process or method for cleaning kauri-gum.
4973. 30th April. WILLIAM AITKEN, of Totara Valley, Pleasant Point, Timaru, New Zealand, Contractor.—An invention for an improvement in the tines, points, or shares of grubbers, horse-hoes, or scarifiers, whereby the weeds, roots, or rubbish can be raised and left on the surface of the ground, and to be called "Aitken's Patent Grubber-foot."*
4974. 4th May. RICHARD TODD, of 13, Mason Street, Manchester, Lancaster, England, Embroiderer.—An invention for improvements in sewing-machine attachments for facilitating the stitching of button-holes, and for other purposes.
4975. 4th May. EDWARD WILLIS VAN SENDEN, of Adelaide, South Australia, Wool-broker.—An invention for improved method or process for treating metal-bearing bodies, and the recovery of metals therefrom. (W. C. Loe.)*
4976. 4th May. ROBERT WILLIAM RUTHERFORD, of Caversham, Otago, New Zealand, Photographer.—An invention for "New Zealand Tanning Extract."
4977. 8th May. GEORGE TAYLOR, of Seel Street, Liverpool, Lancaster, England, Glass-manufacturer.—An invention for improvements in apparatus for automatically supplying disinfectant liquids to water-closets, urinals, and the like.
4978. 8th May. JOHN HENDERSON GALBRAITH, of Oxford Street, Thompson Estate, South Brisbane, Queensland, Carpenter.—An invention for an improved hinge for automatically closing gates and the like.
4979. 9th May. ROBERT REID, of Union Lane, Little Collins Street, Melbourne, Victoria, Engineer, ROBERT HANNA, of 18, Market Street, Melbourne aforesaid, Importer, THOMAS HOLROYD, of Barkly Street, Brunswick, near Melbourne aforesaid, Draughtsman, and HENRY ARTHUR WHEAT, of Union Lane, Little Collins Street, Melbourne aforesaid, Engineer.—An invention for an improved lamp for burning gasoline and other light liquid hydrocarbons.
4980. 5th May. JOHN SMAILL, of Fernhill, Dunedin, New Zealand, Mechanical Engineer.—An invention for "The Safety Swingle-tree and Mountings for uncoupling Traces of Buggies and other Vehicles from Runaway Horses instantaneously."
4981. 6th May. THOMAS PEACOCK, of Auckland, New Zealand, Optician.—An invention for an improved case for winding narrow steel bands, and means of rendering them available for link-measurements.
4982. 5th May. PERCY ADOLPHUS VAILE, Solicitor, and WILLIAM VAILE, Draper, both of Auckland, New Zealand.—An invention for Vaile's patent roller-eyelet for the more speedy lacing of boots, shoes, corsets, surgical appliances, &c.
4983. 8th May. ROBERT MOORHEAD, of Southbridge, New Zealand, and JOHN MOORHEAD, of Ashburton, New Zealand, Threshing-mill Owners.—An invention for improvements in chaff-blowers for automatically removing chaff from combine threshing-machines.*
4984. 5th May. HERBERT CHARLES HANCHARD, of Auckland, New Zealand, Gentleman.—An invention for a gold-saving appliance, to be called "Simplex Gold-saver."*
4985. 12th May. WILLIAM ISAAC SPENCER, of Napier, New Zealand, Surgeon.—An invention for improvements in and apparatus for manufacturing iron from ironsand.*
4986. 11th May. JAMES WALTER OLIVER, of Greenstreet, Canterbury, New Zealand, Mechanical Engineer.—An invention for a relieved rotary slide-valve for a cut-off valve for steam-engine governors or other purposes, to be called "The Oliver Governor Valve."
4987. 18th May. WILLIAM WHITE MANSFIELD, of Martin Street, Wellington, New Zealand, Draper.—An invention for improvements in hose-reels, to be called "Mansfield's Patent Ever-ready Hose-reel."

4988. 14th May. JAMES HILLS HARTRIDGE, of Ryland Road, Middlesex, England, Manufacturing Chemist and Soapmaker.—An invention for improvements in boxes.
4989. 11th May. ROBERT COCKERELL, of Invercargill, New Zealand, Blacksmith.—An invention for “R. Cockerell’s Patent Drag Anchor Picks, for Dredging and other Purposes.”
4990. 13th May. WILLIAM CHARLES PAGE, of Ashburton, Canterbury, New Zealand, Carpenter.—An invention for a wire-strainer, to strain wire without boring holes in the straining-post, to be called “Page’s Patent Speedy Wire-strainer.”
4991. 15th May. JOHN FRANCIES KITTO, Jun., of Ettrick, Otago, New Zealand, Miner.—An invention for improvements in gold-saving apparatus.
4992. 12th May. CHAPMAN EWEN, of Tamahere, Auckland, New Zealand, Farmer.—An invention for a combined potato-raiser and scarifier, for the purpose of raising from the soil potatoes, and tillage for carrots, turnips, beans, mangolds, and all crops where scarifiers are used between the ridges in which the plants grow, to be called “Ewen’s Combined Potato-raiser and Scarifier.”
4993. 16th May. DAVID COLIN COOMBES, of Lewisham, near Sydney, New South Wales, Railway Signalman, and WILLIAM ROWE, of Marrickville, near Sydney aforesaid, Railway Interlocking-gear Mechanician.—An invention for improvements in telegraph block-systems of railway traffic control.
4994. 18th May. FREDERICK HENRY SYMONS, of Boylan Road, Normanby, Taranaki, New Zealand, Settler.—An invention for a machine for cleaning cocksfoot or any other seed or grain, to be called “The Egmont Seed-cleaner.”
4995. 18th May. FREDERICK YORK WOLSELEY, of the Union Club, Sydney, New South Wales, Gentleman.—An invention for an improved comb for sheep-shearing machines.
4996. 18th May. WILLIAM MERTON, Watchmaker, and DANIEL HYDE KINGSTON MCGUINNESS, Storekeeper, both of Daysdale, New South Wales.—An invention for an improved automatically-closing rising-pivot or centre hinge, principally applicable to gates and doors.*
4997. 18th May. JOHN GOLDING HOWARD and CHARLES RYLAND HOWARD, both of Sydney, New South Wales, Engineers and Agricultural Implement Importers.—An invention for improvements in ploughshares.*
4998. 19th May. WILLIAM TOOGOOD, of Featherston, New Zealand, Storekeeper.—An invention for scutching and hackling New Zealand hemp or other fibres, to be called “Toogood’s Patent Scutcher and Hackler.”*
4999. 19th May. ALBERT PARSONS MASSEY, of Watertown, Jefferson, New York, United States of America, Mechanical Engineer.—An invention for improvements in automatic brakes for railway-trains.
5000. 19th May. ROBERT EDWARD EVENDEN, of Sydney, New South Wales.—An invention for an improved butter-churn.
5001. 19th May. JAMES YORK, Maltster, and JOHN FLETCHER, Bag-merchant, both of Sydney, New South Wales.—An invention for an improved firebar.
5002. 19th May. REGINALD BAYLEY, of Wellington, New Zealand, Draughtsman.—An invention for an improved method of protecting the walls of buildings and other similar structures from the action of the weather, and of disinfecting the same.
5003. 20th May. HUMPHREY GEORGE PITCHER, of Hawera, New Zealand, Watchmaker.—An invention for an improved watch-pendant and bow.
5004. 19th May. GEORGE HENRY LETHABY, of Dunedin, New Zealand, Umbrella-manufacturer.—An invention for “The Electric Sharpening-stone.”
5005. 18th May. FREDERICK NOKES, Bootmaker, and JAMES PAULING, Blacksmith, both of Ashburton, New Zealand.—An invention for a portable folding-ladder for the use of fire-brigades and other purposes, to be called “Nokes and Pauling’s Folding-ladder.”
5006. 20th May. BRISBANE DOYLE, of 4, Thurlow Street, Redfern, Sydney, New South Wales, Gentleman, HENRY COOKE, of Spring Street, Waverley, Sydney aforesaid, Gentleman, and CHARLES LAUNCELOT GARLAND, of North Sydney, New South Wales, Gentleman.—An invention for improvements in apparatus for generating, storing, and sustaining motive force by compressed air or gases, and in the method of applying the same to motive-power engines.
5007. 20th May. HERBERT LESLIE MANTON, of 7, Queen’s Walk, Swanston Street, Melbourne, Victoria, Merchant.—An invention for an electric device for indicating tabulated public information.*
5008. 20th May. WILLIAM BROWN, Hatter, and JOHN HENRY BROWN, Hatter’s Apprentice, both of Wellington, New Zealand.—An invention for an improved method of making violins and other similar musical instruments.*
5009. 20th May. DUNCAN MCKAY and DANIEL MCKAY, trading under the style of McKay Brothers, of Hunterville, New Zealand, Blacksmiths.—An invention for an improved brake for carts and carriages.
5010. 21st May. CHARLES BURGON and HARRY BURGON, both of Malin Bridge, near Sheffield, York, England, Sheepshear-manufacturers.—An invention for improvements in apparatus for shearing or clipping sheep or other animals.
5011. 22nd May. BENJAMIN WILLIAMS, of Wellington, New Zealand, Engineer.—An invention for improvements in compound reciprocating engines.*
5012. 19th May. GEORGE COZENS, Customs Agent, and HERBERT CHARLES HANCHARD, Agent, both of Auckland, New Zealand.—An invention for “The Climax Gold-saver.”*
5013. 26th May. HENRY DALTON, of Alfred Street, Prahran, Victoria, Plumber.—An invention for improvements in ridge-capping and moulding-dies.
5014. 26th May. GEORGE MYERS, of 2, Church Court, Clement’s Lane, Agent, and CHRISTEN REES BONNE, of 57 and 58, Chancery Lane, Patent Agent, both of London, England.—An invention for improvements in the manufacture of slag cement,

5015. 26th May. GIUSEPPE GARIBALDI TURRI, of Sun Buildings, Queen Street, Melbourne, Victoria, Patent Agent.—An invention for improvements in bottling-machines. (The General Bottle Seal Syndicate, Limited; W. Painter.)
5016. 26th May. GIUSEPPE GARIBALDI TURRI, of Sun Buildings, Queen Street, Melbourne, Victoria, Patent Agent.—An invention for improvements in bottle-stoppers, and in machinery for inserting wire loops in the same. (The General Bottle Seal Syndicate, Limited; W. Painter.)
5017. 22nd May. PERCY ADOLPHUS VAILE, of Auckland, New Zealand, Solicitor.—An invention for “Vaile’s Patent Simplex Acute-angled Wire-fastener or Nail for fastening and keeping in position Fencing and other Wire.”
5018. 28th May. ALFRED ARDEN LYCETT, of Sydney, New South Wales, Salt-manufacturer.—An invention for improved apparatus for the manufacture of salt.
5019. 28th May. EDWARD MARTIN KNIGHT, of 1209, Market Street, San Francisco, California, United States of America, Gentleman.—An invention for improvements in and relating to filters.
5020. 27th May. JAMES WALTER OLIVER, of Greenstreet, Canterbury, New Zealand, Mechanical Engineer.—An invention for a self-feeder for threshing-machines, to be called “The Oliver Self-feeder.”
5021. 1st June. ARTHUR NORMAN LAWRENCE BENPORATH, of Manaia, New Zealand, Accountant.—An invention for improvements in account-books whereby liability to error is minimised, and rapidity in reference and entry ensured, such invention to be called “The Lightning Reference and Entry-book.”
5022. 3rd June. THOMAS FRANKLIN BOYD, Blacksmith, and JOHN THOMAS CRAIG, Farmer, both of Upper Hutt, Wellington, New Zealand.—An invention for a new or improved potato-digger.*
5023. 3rd June. DAVID SMITH LAING, of Timaru, New Zealand, Manager of John Mill and Co.—An invention for “Laing’s Number Register,” to be fixed on a shoot for tallying.*
5024. 4th June. THOMAS BRINING and GEORGE LISTER, of Leeds, England, Boot and Shoe Engineers.—An invention for improvements in or relating to machines for feeding and driving tacks, rivets, nails, and other similar fastenings.*
5025. 4th June. THE WOLSELEY SHEEP-SHEARING MACHINE COMPANY (LIMITED), of Great Britain, whose registered office is at No. 4, Sun Court, Cornhill, London, England.—An invention for improvements in flexible couplings or joints for toothed-wheel gearing. (W. Barraclough.)
5026. 4th June. JOHN MOFFAT, Tinsmelter, and WILLIAM WRIGHT VIRTUE, Engineer, both of Sydney, New South Wales.—An invention for improvements in machines for shearing or clipping wool and for cutting hair.
5027. 4th June. MANFIELD NEWTON, of Sydney, New South Wales, Civil Engineer.—An invention for an improved mode of manufacturing a new or improved safety explosive. (J. Spencer.)
5028. 4th June. WILLIAM WALLACE NORTON, of Adelaide, Commercial Traveller, and PETER SINTON MITCHELL, of Mount Gambier, Farmer, both of South Australia.—An invention for improvements in sheaf-carriers of reaping-and-binding machines and in means of attaching and working the same.
5029. 4th June. EMMA BARRETT, of Wellington, New Zealand, Dressmaker.—An invention for an improved bodice-pattern of all sizes, traced or stencilled on to glazed, starched, or other material linings used in connection with dressmaking.
5030. 4th June. ALBERT WILLIAMS DAW, and ZACHARIAS WILLIAMS DAW, both of Laurvig, Norway, Mining Engineers.—An invention for improvements in and connected with valves for percussive rock-drills, direct-acting pumps, and engines.
5031. 1st June. THOMAS WEARE, of Kumeu Junction, Auckland, New Zealand, Farmer.—An invention for a new self-ventilating and mildew-preventing glass roof for vinery or orchard-house.
5032. 1st June. MATTHEW GRIFFITH, of Howe Street, Dunedin, New Zealand, Miner.—An invention for a gold-saving appliance, to be called “Griffith’s Gold-saving Ripple.”
5033. 3rd June. HENRY CORRICK, of 218, Oxford Terrace, Christchurch, New Zealand, Boot-maker.—An invention for forming loops in leather and other materials, to be called “Patent Looping-machine.”
5034. 6th June. FREDERICK WILLIAM BURSILL, of Rangiora, New Zealand, Sheep-station Manager.—An invention for an improved trap for catching rabbits, rats, mice, or other small quadrupeds.
5035. 6th June. WILLIAM REEVES, Jun., of Rangiora, New Zealand, Coachbuilder.—An invention for “Reeves’s Patent Splashboard.”
5036. 8th June. SAMUEL JOSEPH MACKIE, of 27, Chancery Lane, Middlesex, England, Civil Engineer, and HENRY HUGHES, of Hendre House, Coronation Road, Bristol, England, Merchant.—An invention for improvements in coding and transmitting telegrams and secret messages.
5037. 4th June. HARRY ERNEST PAGE, of 7, Bury Street, King Street, Westminster, England, Gentleman.—An invention for improvements in advertising.*
5038. 9th June. THOMAS SHIELDS, of Wellington, New Zealand, Tailor.—An invention for an improved button, and fastener for the same.*
5039. 10th June. DAVID RANKEN SHIRREFF GALBRAITH, of Bell Road, Remuera, Auckland, New Zealand, Fellow of the Institute of Chemistry of Great Britain and Ireland, Metallurgical Expert.—An invention for “The Galbraith-Bessemer Non-intermittent Water-gas Producer.”*
5040. 11th June. GEORGE ASHWIN CHEEKE, of Sydney, New South Wales, Gentleman.—An invention for a new or improved trap for the capture of rabbits in infested country.

5041. 11th June. WILLIAM CURPHEY CORLETTE, of Burwood, near Sydney, Financial Agent.—An invention for improvements in the manufacture of coke, and the collection of the by-products thereof, and in apparatus therefor.*
5042. 11th June. ROBERT GEORGE GIBBONS, of Melbourne, Victoria, Importer.—An invention for an improved device for indicating, separating, and quickly obtaining change from a till or money-drawer.
5043. 11th June. PARNELL RABBIDGE, of Sydney, New South Wales.—An invention for improvements in telephones.
5044. 9th June. JOHN ANDERSON, of Dunedin, New Zealand, Engineer and Brassfounder.—An invention for an improvement in giving motion to Anderson's patent hydraulic sluice-valve, and entitled "Anderson's Improved Patent Hydraulic Sluice-valve."
5045. 10th June. THOMAS JONES, of Tainui Street, Greymouth, New Zealand, Hotelkeeper.—An invention for the "Novelty Gold-saving Tables."
5046. 5th June. THOMAS WILLIAM QUELCH HONEYWILL, Inventor, and WILLIAM CHRISTIAN JULIUS KORTEGAST, Brewer, both of Hokitika, New Zealand.—An invention for improvements in brewers' cleansers.*
5047. 16th June. EMMA BARRETT, of Wellington, New Zealand, Dressmaker.—An invention for ladies' and children's material traced underclothing.
5048. 16th June. PETER ROBERTSON, of Melbourne, Victoria, Engineer.—An invention for improvements in lamps.*
5049. 16th June. ROBERT PEACE and COLIN ARCHIBALD PEACE, trading as Robert Peace and Son, of Auckland, New Zealand, Plumbers.—An invention for an improved gas cooking apparatus.
5050. 17th June. DONALD DONALD, of Solway, Masterton, New Zealand, Sheep-farmer.—An invention for "Donald's Patent Stumping-jack."
5051. 18th June. JOHN ADAM BERG, of Palmerston North, New Zealand, Coachsmith.—An invention for an improved road-cart.
5052. 13th June. KARL GRAF, of Dunedin, New Zealand, Engineer.—An invention for plucking skins in such a manner as to separate the hair from the fur.*
5053. 18th June. ROBERT MARTIN, of Wellington, New Zealand, Painter.—An invention for an improved charcoal fire-box for the use of painters in removing old paint from woodwork.
5054. 18th June. WILLIAM EDWARD HARDING, of Bannockburn, Otago, New Zealand, Gold-miner.—An invention for an improvement in rabbit-traps, to be called "Harding's Patent Under-spring Rabbit-trap."
5055. 18th June. THOMAS KENNEDY PARK, of Sydney, New South Wales, Gentleman.—An invention for an improved paint.*
5056. 15th June. JOHN SMAILL, of Fernhill, Dunedin, New Zealand, Mechanical Engineer.—An invention for extension of mountings for uncoupling runaway horses from vehicles, to be used in connection with "Safety swingle-tree."
5057. 20th June. JAMES GRESHAM, of the firm of Gresham and Craven (Limited), of Craven Iron-works, Salford, Manchester, England, Engineer.—An invention for improvements in or applicable to automatic vacuum-brake apparatus, having reference more especially to the ejector and brake-controlling mechanism.
5058. 20th June. THE WOLSELEY SHEEP-SHEARING MACHINE COMPANY (LIMITED), of Great Britain, whose registered office is at No. 4, Sun Court, Cornhill, London, England.—An invention for an improvement in the flexible shafts of sheep-shearing and such like machines.
5059. 20th June. THOMAS WHETTER, Carpenter, and MICHAEL SEALE, Company Secretary, both of Petersham, near Sydney, New South Wales.—An invention for improved apparatus for controlling and adjusting sliding sashes in window-screens, and suchlike.
5060. 20th June. JAMES SIMCOE FITZMAURICE, of Sydney, New South Wales, Electrical Engineer.—An invention for an improved brand or hot stamp for live and inanimate subjects.
5061. 20th June. ANDREW WILLIAMS, of Wellington, New Zealand, Blacksmith.—An invention for an improved method of setting and strengthening the axles of road-vehicles.*
5062. 18th June. WALLACE CARR, of Dunedin, New Zealand.—An invention for "The Carbine Rabbit-trap."
5063. 19th June. SAMUEL JOHN LORING, of Caversham, Otago, New Zealand, Goods Agent.—An invention for combined ambulance appliances.*
5064. 24th June. CHARLES SAYWELL, of Upper Hutt, Wellington, New Zealand, Coachbuilder.—An invention for convex butter-beaters, to be called "Saywell's Convex Butter-beaters."*
5065. 26th June. EDWARD BATTERSBY TOOMATH, of Moutoa, Manawatu, New Zealand, Farmer.—An invention for branding and counting sheep or other animals by mechanical means.
5066. 25th June. HENRY CORRICK, of 218, Oxford Terrace, Christchurch, New Zealand, Boot-maker.—An invention for a machine for burnishing or polishing leather for the soles of boots and shoes.
5067. 27th June. DAVID SAMUEL CHAMBERS, of Francis Street, Sandringham, near Melbourne, Victoria, Mechanical Engineer, and JOHN MONASH, of Yarra Street, St. James's Park, Hawthorn, near Melbourne aforesaid, Civil Engineer.—An invention for an improved machine for shearing or clipping sheep and other animals.*
5068. 24th June. GEORGE NEILSON GOLDIE, of Cheltenham Road, Devonport, Auckland, New Zealand, Naval Architect and Designer of Ships, Yachts, and Boats propelled by sails or machinery.—An invention for the construction of the hull of vessels, which invention is named "Evolution."*
5069. 29th June. ALFRED AMBLER, SAMUEL AMBLER, and FRANK AMBLER, all of Prospect and Well House Mills, Wilsden, near Bingley, in the County of York, England, Spinners.—An invention for improvements in the cleansing, treating, or washing of wool and like animal fibres and in apparatus employed therein.

5070. 29th June. HENRY THOMAS DAWSON, of Salcombe, Devon, England, Gentleman.—An invention for improvements in gas-engines.
5071. 30th June. HARRY EDWARD GOOD, Auctioneer, and ARTHUR NORMAN LAURENCE BENPORATH, Accountant, both of Manaia, Taranaki, New Zealand.—An invention for improvements in sheep-brands and other similar appliances for marking, whereby much time is saved.
5072. 30th June. WILLIAM ARTHUR HILLS, of Neutral Bay, near Sydney, New South Wales, Metallurgist.—An invention for improvements in the manufacture of sodium chloride.
5073. 29th June. JAMES KELLY, of Auckland, New Zealand, Engineer.—An invention for a pulley-block, to be called "The Climax Pulley-block."*
5074. 25th June. JAMES WELLS, of Shortland, Thames, Auckland, New Zealand, Carpenter.—An invention for "Wells's Pneumatic Power-transmitter."
5075. 2nd July. ELIHU THOMSON, of Swampscott, Massachusetts, United States of America, Electrician.—An invention for improvements in lightning-arresters.
5076. 2nd July. JOHN TONNER KELLY, of No. 4, Queen's Parade, North Fitzroy, Victoria, Blacksmith, and ARCHIBALD MCINTYRE, of No. 52, Cecil Street, Victoria, Builder.—An invention for improved means for raising sunken vessels.*
5077. 2nd July. JULIUS MOELLER, of 14, Palmer Street, Westminster, London, England, Engineer.—An invention for improved method and apparatus for producing and applying combustible fluid for illumination or heating.
5078. 6th July. REGINALD STANLEY, of Nuneaton, Warwick, England, Manufacturer.—An invention for improvements in and relating to tunnelling and mining machines.
5079. 6th July. HENRY VALENTINE EDMONDS, of New Westminster, British Columbia, Sawmill Proprietor.—An invention for improvements in and relating to panel and other doors, and apparatus applicable for use in the manufacture thereof.*
5080. 7th July. JOHN HOWARD MAYNARD, of South Brisbane, Queensland, Timber Merchant.—An invention for improvements in joining pieces of wood and pieces of other substances and materials.
5081. 7th July. SAMUEL LOWE, of Collins Street, Melbourne, Victoria, Merchant, and RICHARD PICKUP PARK, of Forest Hill, Nunawading, Victoria, Engineer.—An invention for an improved apparatus to be used for fumigating trees or plants, also for destroying vermin or insect pests, or for disinfecting buildings and other such places.
5082. 7th July. EDWARD WATERS, of No. 131, William Street, Melbourne, Victoria, Patent Agent.—An invention for improvements in or connected with printing-machines. (F. F. W. Oldfield, W. W. Head, and H. R. Mark.)*
5083. 4th July. HENRY SAMWAYS, of Richmond Road, Ponsonby, Auckland, New Zealand, Storeman.—An invention for cleaning kauri-gum, to be called "Samway's Kauri-gum Cleaner."
5084. 6th July. MATTHEW JOHN MULLON, of York Street, Opawa, near Christchurch, New Zealand, Boiler-composition Manufacturer.—An invention for "Mullon's Eclipse Non-conductor of Heat."
5085. 7th July. THOMAS WILLIAM MAYSON, Draughtsman, and JOHN PEDDER FELL, Mechanic, both of Hobson Street, Auckland, New Zealand.—An invention for "Patent Liquid Lenses."
5086. 9th July. WILLIAM SOLTAU PILLANS, of Manuka Island Station, Balclutha, New Zealand, Sheep-farmer.—An invention for laying poison for rabbits, to be called "The Rabbit-poison Layer."*
5087. 11th July. HENRY EDWARD ARTHUR MINCHIN, of Waddington, Canterbury, New Zealand, Farmer.—An invention for a momentum brake for trancars and other heavy vehicles which are drawn by horses, and which have to stop frequently.*
5088. 10th July. DAVID WILLIAM OWEN FAGAN, of Mangapai, Auckland, New Zealand, Settler, and WILLIAM METHVEN CROWE, of the same place, Settler.—An invention for a method of advertising with transparent letters, to be called "Fagan and Crowe's Transparent Advertiser."*
5089. 14th July. EDWARD JAMES CAMPION, of Palmerston North, New Zealand, Surveyor.—An invention for filling ruts, &c., to be called "E. J. Campion's Patent Road-repairer."*
5090. 15th July. WILLIAM WARD ALLEN, of Hamilton East, Auckland, New Zealand, Bootmaker.—An invention for "Allen's Volcanic Scouring-soap."
5091. 16th July. FRANK JAMES LUDINGTON, Master Mechanic, of Waterbury, Connecticut, and EDWARD THOMAS POLLARD, Master Mechanic, of Richmond, Virginia, both in the United States of America.—An invention for an improvement in machines for making cigarettes.
5092. 16th July. WILLIAM HUTCHINS, of 257, Rathdowne Street, Carlton, near Melbourne, Victoria, Storeman.—An invention for improved means for enabling window-sashes to be temporarily removed from their frames and reversed.
5093. 16th July. DAVID REID, of Caxton Buildings, Little Collins Street, Melbourne, Victoria, Publisher.—An invention for improved devices for mounting and locking interchangeable stereotype and electrotype plates on or to their bases.
5094. 16th July. FREDERICK YORK WOLSELEY, of the Union Club, Sydney, New South Wales, Gentleman.—An invention for improvements in the cutters of sheep-shearing machines.
5095. 16th July.—FRANCIS EDWARD ELMORE and ALEXANDER STANLEY ELMORE, both of Spring Grove, Hunslet, Leeds, York, England, Electro-metallurgists.—An invention for improvements in apparatus for manufacturing tubes by electrolysis.
5096. 16th July. JOSEPH NORTH COCKER, of West Devonport, Tasmania, Farmer.—An invention for an improved potato-harvester.

5097. 16th July. WILLIAM BLANCH BRAIN, of 24, Villiers Street, Elsternwick, near Melbourne, Victoria, Mining Engineer, and ARTHUR JAMES ARNOT, of the Town Hall, Melbourne aforesaid, Electrical Engineer.—An invention for “An improved alternating electric-current motor.
5098. 16th July. EDWARD KOHLER, of 81, Guilford Street, Russell Square, London, England, Engineer.—An invention for improvements in sewing-machines.
5099. 17th July. NEILSON BURGESS, of Highlands, New Jersey, United States of America, Actor.—An invention for improved apparatus for producing illusory dramatic effects.
5100. 18th July. WILLIAM LESLIE MORISON, of Morison’s School of Art, Exchange Buildings, Wellington, New Zealand, Artist.—An invention for “Morison’s Drawing Instructor.”
5101. 14th July. JAMES DILLISTON CLARKE, of Wellesley Street, Auckland, New Zealand, Gas-fitter.—An invention for an improved appliance for withdrawing clothes from boilers, and other similar receptacles.*
5102. 17th July. MADPETER JONASSEN, Mechanic, and HOWELL YOUNG WIDDOWSON, Solicitor, both of Christchurch, New Zealand.—An invention for an improved reversible rotary steam-engine.
5103. 14th July. JOHN ANDERSON and ARCHIBALD MORRISON, of Dunedin, New Zealand, Plumbers, &c.—An invention for quickly and easily producing and making curved circular flanges on bends cast in one piece for furnaces, together with a special set of core-irons used in the said making and producing, and entitled “Anderson and Morrison’s Patent Furnace-bend.”
5104. 21st July. JAMES GROVE, of Blackbridge, Lower Hutt, Wellington, New Zealand, Settler.—An invention for curing smoky chimneys, entitled “Grove’s Hurricane Chimney-top.”*
5105. 24th July. JAMES LIDDELL, of Stuart Town, New South Wales, Miner.—An invention for improved concentrating-machine.
5106. 24th July. DAVID ANDERSON, of Fair View, Stawell, Victoria, Gentleman, and JOHN NAYLOR, of Dudley, Stawell aforesaid, Engineer.—An invention for an improved spark-extinguisher and smoke-consumer.
5107. 24th July. WILLIAM MURRAY, of 2, Stanley Street, Richmond, near Melbourne, Victoria, Commercial Traveller, and ROBERT HARRISON, of Spring Street, Fitzroy, near Melbourne aforesaid, Aërated-water Manufacturer.—An invention for an improved stopper for bottles containing aërated or gaseous liquids.
5108. 24th July. GIUSEPPE GARIBALDI TURRI, F.S.C.I., of Sun Buildings, corner of Queen and Bourke Streets, Melbourne, Victoria, Certificated Patent Agent.—An invention for improvements in electrical appliances for body-wear, applicable chiefly in the treatment of disease. (W. Russell.)
5109. 25th July. ARTHUR LUCAS HARROLD, a member of the firm of Harrold Brothers, of Adelaide, South Australia, Machinery Merchants.—An invention for improved apparatus for purifying and softening water for boilers and other purposes.
5110. 21st July. HUGH WALKER GREIG MILNER, of Lake Takapuna, Auckland, New Zealand, Farmer.—An invention for an improved mode of and apparatus for refining and preparing kauri-gum and manufacturing kauri-gum ornaments.*
5111. 24th July. KARL GRAF, of Dunedin, New Zealand, Engineer.—An invention for an improved auger for boring coal-blocks.*
5112. 24th July. WILLIAM HENRY GRUIT, of Ravensbourne, near Dunedin, New Zealand, Plate-layer.—An invention for an improved fang-plate for railway-sleepers.
5113. 23rd July. JOHN STEWART REID, of Dunedin, New Zealand, Solicitor.—An invention for improvements in spinning and spooling mechanism.*
5114. 23rd July. JOHN STEWART REID, of Dunedin, New Zealand, Solicitor.—An invention for improvements in machinery for the manufacture of barb fence-wire.*
5115. 27th July. WILLIAM PRIESSNITZ BONWICK, of 59, Blomfield Road, Paddington, London, England, Engineer.—An invention for improvements in stoppers for bottles, jars, and the like.*
5116. 28th July. WILLIAM McLEAN, of 409, Lonsdale Street, Melbourne, Victoria, Mechanical Engineer.—An invention for a combined nightsoil-pan emptier, cleanser, and hot-air excrement evaporator.
5117. 30th July. CHRISTOPHER WYNDHAM WILSON, of Rigmaden Park, Kirkby, Lonsdale, Westmoreland, England, Deputy Lieutenant and Justice of the Peace.—An invention for improvements in typewriters. (J. N. Maskelyne and J. N. Maskelyne, jun.)
5118. 29th July. GEORGE ALFRED MONTGOMERY, of Springfield, Canterbury, New Zealand, Saddler.—An invention for improved blinkers for horses, to be called “The IXL Blinkers.”
5119. 29th July. JAMES STONE, of Auckland, New Zealand, Miner.—An invention for decreasing the friction of vessels going through the water.*
5120. 29th July. FRANCIS LUCK, of Kihikihi, Auckland, New Zealand, Clergyman.—An invention for a new or improved apparatus for loading wagons, drays, and similar vehicles.*
5121. 23rd July. JOSEPH BRENNAN, of Paeroa, Auckland, New Zealand, Coach and General Smith.—An invention for “Brennan’s Steel-spiked Horse-shoes.”
5122. 5th August. HENRY ROBERTSON, Engineer, ROCHLITZ JOHN MACLEAN, Engineer, JOHN FRIELE, Accountant, and WILLIAM FOULDS, Engineer, all of Sydney, New South Wales.—An invention for an improved mode of and apparatus for operating machine sheep-shears.
5123. 5th August. AUGUSTUS HARPER RAIGUEL GUILLEY, of South Easton, Pennsylvania, United States of America, Physician and Surgeon.—An invention for improvements in electrical block systems for railways.
5124. 5th August. GEORGE WRIGLEY, of Jacobstowe, Devon, England, Gentleman, ARTHUR HAROLD WRIGLEY, Cotton Broker, and JOHN HOPE, Engineer, both of Liverpool, England.—An invention for improvements in, or connected with, mariners’ compasses or apparatus for recording the course of ships.

5125. 5th August. EDWARD WATERS, of 131, William Street, Melbourne, Victoria, Patent Agent.—An invention for improvements in storage-batteries. (W. Roberts.)
5126. 1st August. PAUL ROACH, of Timaru, New Zealand, Farmer.—An invention for the "Farmers' Friend combined Farni Dray and Farmyard Manure- and Lime-distributor."*
5127. 30th July. FRANK CURTIS, of 6, Gladstone Terrace, Melville Street, Dunedin, New Zealand, Seaman.—An invention for "Curtis' Non-mercurial Plate-powder."
5128. 11th August. EDMUND TAYLOR, of Victoria Parade, Geelong, Victoria, Contractor.—An invention for an improved refrigerating-machine for ice-making and cooling purposes.
5129. 11th August. EDWARD WATERS, of 131, William Street, Melbourne, Victoria, Patent Agent.—An invention for improvements in clocks. (S. Davison; S. Willcock.)
5130. 11th August. DUNCAN CAMERON, Patternmaker, and ROBERT CAMERON, Cabinetmaker, both of Granville, near Sydney, New South Wales.—An invention for improved contrivances for protecting standing receptacles, such as provision-safes, drawers, cabinets, wardrobes, &c., from the intrusion of insects and vermin.*
5131. 12th August. THOMAS WHITE, of Lydiard Street, North Ballarat, Victoria, Mining Engineer.—An invention for improvements in the Watson and Denny patent pan, to be known as "White's Patent Adjustable Overflow and Central Amalgamating System."*
5132. 12th August. ANDREW SINCLAIR, of Otautau, Otago, New Zealand, Tailor.—An invention for "Sinclair's Patent Victory Trousers."
5133. 12th August. STEPHEN MANNINGTON CAFFYN, of Toorak Road, South Yarra, Victoria, Surgeon.—An invention for a new and improved apparatus for stamping postal letters and packets, and recording the same, including, when required, an advertising medium.*
5134. 13th August. THOMAS HAYCOCK, of Richmond, Nelson, New Zealand, Soapmaker.—An invention for a new or improved envelope.
5135. 11th August. EDWARD DON, of Leith Street, Dunedin, New Zealand, Bootmaker.—An invention for "Don's Invisible-lace Boot."
5136. 11th August. CHARLES EDWIN HAYWARD, of Auckland, New Zealand, Settler.—An invention for a ventilated and fly-proof cover for meat and other perishable articles.
5137. 18th August. THOMAS JOHN BERRY, of Masterton, Wellington, New Zealand, Government Rabbiter.—An invention for "Berry's Speedy Fencing Standard."*
5138. 18th August. GEORGE SELWYN SUSTED, of Campbelltown, Wellington, New Zealand, Farmer, and CHARLES EDWARD DAHL, of Palmerston North, Wellington, New Zealand, Tent-maker.—An invention for a butter-mould, to be known as "Suisted and Dahl's Champion Butter-mould."
5139. 18th August. ARTHUR MARSHALL CHAMBERS and THOMAS SMITH, both of Chapelton, York, England, Engineers.—An invention for improvements in the arrangement and construction of machinery or apparatus for loading coke from coke-ovens into wagons.
5140. 18th August. ROLAND D'ANVERS, of Pemberton, Wellington, New Zealand, Settler.—An invention for a new or improved horse-shoe, and method of shoeing horses.*
5141. 18th August. BOHUSLAV FIEDLER, of Königliche, Weinberge, near Prague, Austrian Empire, Engineer.—An invention for an improved match-box.
5142. 10th August. JOHN WILCOX, of Thames, Auckland, New Zealand, Mine-manager.—An invention for "Wilcox's Amalgamating-machine."
5143. 14th August. WILLIAM AGGERS, of Auckland, New Zealand, Upholsterer.—An invention for quickly boiling water, the same to be called "The Tarawera Water-boiling Apparatus."*
5144. 20th August. JOHN ROLFE, of Camberwell Street, Hawera, Taranaki, New Zealand, Labourer.—An invention for an earthing and weed-cutting plough, to be called "Rolfe's Earthing Plough."
5145. 18th August. WILLIAM FREDERICK CHARLES FAIL, of Dunedin, New Zealand, Brass-finisher.—An invention for improvements in the details of construction of the sight-feed lubricator, as in present use, and entitled "Fail's Patent Disc Sight-feed Lubricator."*
5146. 17th August. JOHN WHITE, of Auckland, New Zealand, Tailor.—An invention for an improved rule or guide for cutting ladies' and gentlemen's clothing.*
5147. 19th August. JAMES JOSEPH DIGNAN, of Morrinsville, Auckland, New Zealand, Farmer.—An invention for staple-closer combined with staple-opener, extractor, and straining-irons, to be used in fencing with wire.
5148. 20th August. ABRAHAM ERNEST NATHAN, of Christchurch, New Zealand, Engraver.—An invention for a friction igniting and fusing attachment to the end of cigarettes.
5149. 24th August. ARTHUR EDWIN TREVILLION LEES, of 44, Sugden Road, Surrey, England, Mechanical Engineer.—An invention for improvements in direct-acting steam pumping-engines.
5150. 24th August. GIUSEPPE GARIBALDI TURRI, of Sun Buildings, Queen Street, Melbourne, Victoria, Patent Agent.—An invention for improvements in bottle-stoppers. (The General Bottle Seal Syndicate, Limited; W. Painter.)
5151. 24th August. GIUSEPPE GARIBALDI TURRI, of Sun Buildings, Queen Street, Melbourne, Victoria, Patent Agent.—An invention for improvements in apparatus for turning over the leaves of music or books. (F. Chilosi)*
5152. 24th August. JOSEPH BROWN, of 9, Arcade Street, Prahran, Victoria, Engineer.—An invention for improved method of, and apparatus for, accelerating the combustion of fuel, specially applicable to steam-boilers and smelting-furnaces.*
5153. 24th August. ALEXANDER STANLEY ELMORE, of Spring Grove, Hunslet, Leeds, York, England, Electro-metallurgist.—An invention for improvements in the manufacture of metallic articles by electrolysis, and apparatus for that purpose.
5154. 25th August. JAMES BARCLAY JACKSON, of Waipare, Gisborne, New Zealand.—An invention for an improved method of fastening billhooks to their handles, and which is applicable to some other tools.

5155. 25th August. ALEXANDER WALKER REID, of Stratford, Taranaki, New Zealand, Engineer.—An invention for improvements in turbines.
5156. 20th August. THOMAS GOODALL, of Maria Street, South Dunedin, New Zealand, Builder.—An invention for perforated block fuel for burning purposes.
5157. 27th August. JAMES HIGGINBOTTOM, of 32, Seel Street, Liverpool, England, Milling Engineer.—An invention for improvements in or appertaining to centrifugal separating or dressing machines, especially applicable to the separating or dressing of flour, middlings, grain, seeds, or the like.
5158. 28th August. GUNDER TELLEFSEN, of Danevirke, Hawke's Bay, New Zealand, Machinist.—An invention for a new or improved chimney damper.*
5159. 25th August. THOMAS HAWKE, of Waikato, Auckland, New Zealand, Settler.—An invention for an improved ploughing and subsoiling machine.*
5160. 26th August. ALEXANDER MACKIE, of Vincent Street, Auckland, New Zealand, Coachsmith and Springmaker.—An invention for "Mackie's Improved Tuyère."*
5161. 26th August. HENRY RICHARD JURY, of Parnell, Auckland, New Zealand, Millwright.—An invention for "Jury's Patent—the Manipes Boat Power."*
5162. 27th August. JOHN SEN THOMSON, of Phoenix Chambers, Market Street, Melbourne, Victoria, Commission Agent.—An invention for an improved churn, useful also for heating and cooling liquids.*
5163. 1st September. JAMES MUIR, of Queen Street, Masterton, New Zealand, Coachbuilder.—An invention for improvements in the "Zealandia Wool-press" (application for Patent No. 4475, dated 14th day of July, 1890).
5164. 28th August. THOMAS MONTRESOR BALDWIN, of Milton, Otago, New Zealand, Bank-manager.—An invention for saving gold, called "The Bruce Gold-saver."*
5165. 2nd September. THOMAS HENRY BOND, of Wellington, New Zealand, Plumber.—An invention for improvements in wash-tubs.*
5166. 31st August. CHARLES MCGILL, of Fortrose, Otago, New Zealand, Miner.—An invention for removing the *débris* from mouth of suction-pipes.
5167. 3rd September. MAXIMILIAN HECTOR, of 72, Falconer Street, North Fitzroy, Victoria, Civil Engineer.—An invention for a new or improved contrivance to be used for preventing horses running away, or for stopping runaways, called "The Horsetamer."*
5168. 3rd September. FRANCIS WILLIAM LEE, of Woodend, Victoria, Blacksmith.—An invention for an improved machine for digging and screening potatoes.*
5169. 3rd September. CHARLES CUMMINGS, of 453, East Eleventh Street, Oakland, California, United States of America, Mechanical Engineer.—An invention for improvements in and relating to apparatus for transmitting power by means of compressed air and utilising said power in operating rock-drills and other machines.
5170. 3rd September. EDWARD WATERS, of 131, William Street, Melbourne, Victoria, Patent Agent.—An invention for improvement in organs. (A. Dixon and W. Magill.)
5171. 4th September. JAMES TROUP, of Christchurch, New Zealand, Ironfounder.—An invention for "Troup's Swing Oil-tin Stand."
5172. 4th September. EDWARD WADE PETHERICK, of Willis Street, Wellington, New Zealand, Architect.—An invention for a fire-grating for fixing in open fireplaces, to be called "Petherick's Patent Fire-grating."
5173. 4th September. DAVID EDWARDS, of Elizabeth Street, Melbourne, Victoria, Engineer.—An invention for improvements in the mouldboard and share of ploughs and cultivators.
5174. 4th September. ROBERT MELVILLE SCOTT, of Balmain, near Sydney, New South Wales, Contractor.—An invention for improvements in methods of and apparatus for removing harbour- and river-bars and shoals, and subaqueous sandbanks and other deposits of a like nature, and preventing the formation of the same; for deepening and widening rivers, and cutting and clearing canals and like watercourses through sand, clay, earth, and similar formations; and for maintaining a channel in rivers, canals, races, and other watercourses.
5175. 4th September. EDWARD WATERS, of 131, William Street, Melbourne, Victoria, Patent Agent.—An invention for an improved detachable shoe for railway-carriage brakes. (T. Milburn; J. J. Lappin).
5176. 4th September. EDWARD WATERS, of 131, William Street, Melbourne, Victoria, Patent Agent.—An invention for an improved article of manufacture to be used as a substitute for wall-paper, flooring, and other ornamental coverings. (H. Silver.)
5177. 5th September. HENRY CORRICK, of 218, Oxford Terrace, Christchurch, New Zealand, Bootmaker.—An invention for burnishing, polishing, blacking, or finishing leather for the soles of boots and shoes.
5178. 7th September. EDWARD SEAGAR, of Victoria Foundry, Wellington, New Zealand, Engineer.—An invention for "Seagar's Briquette Machine."*
5179. 10th September. JOHN LAWSON, of Berwick, Otago, New Zealand, Engineer.—An invention for "Lawson's Patent for Grain-crushing and Chaff-cutting in connection with Threshing."
5180. 14th September. THOMAS DUNNILL CLAPHAM, of Ashurst, Wellington, New Zealand, Tailor.—An invention for improvements in apparatus for propelling boats, and for storage of air in the same.*
5181. 9th September. THOMAS WILLIAM QUELCH HONEYWILL, Brewer, and WILLIAM CHRISTIAN JULIUS KORTEGAST, Brewer, both of Hokitika, New Zealand.—An invention for a new and improved method of utilising the ordinary cleansing-casks used in the process of brewing ale or beer.*
5182. 16th September. THOMAS HAYCOCK, of Richmond, Nelson, New Zealand, Soapmaker.—An invention for a new or improved method of preparing the refuse tow of New Zealand flax.*

5183. 16th September. GEORGE ROMERIL, of Wellington, New Zealand, Master Mariner.—An invention for an improved method of protecting the seams and rivets of iron ships from the action of the water.*
5184. 16th September. GEORGE SCARFE, RICHARD SMITH, and THOMAS ROGER SCARFE, trading together under the style of George P. Harris Scarfe and Co. as Merchants at Adelaide, South Australia, and ASKIN MORRISON NICHOLAS, of Melbourne, Victoria, Metallurgist.—An invention for improved method of transmitting power by means of water or other suitable liquid, and appliances therefor.*
5185. 14th September. CHEW CHONG, of Courtenay Street, New Plymouth, New Zealand, Butter Merchant.—An invention for cooling air to be used in connection with the manufacture of butter or other purposes, the apparatus to be called "Chew Chong's Air-cooler."
5186. 14th September. CHEW CHONG, of Courtenay Street, New Plymouth, New Zealand, Butter Merchant.—An invention for moulding butter into packages of equal size, to be called "Chew Chong's Butter-moulding Machine."
5187. 14th September. JAMES TROUP, of Crown Ironworks, Armagh Street, Christchurch, New Zealand, Ironfounder.—An invention for "Troup's Corrugated Ridge-cap."*
5188. 14th September. ROBERT SAMUEL ELSTON, Jun., Traveller, and JOHN LIDDINGTON HIGGS, Painter, both of Ashburton, New Zealand.—An invention for "Elston's Patent Safety Envelope."*
5189. 16th September. GEORGE SCARFE, RICHARD SMITH, and THOMAS ROGER SCARFE, trading together under the style of George P. Harris Scarfe and Co. as Merchants at Adelaide, South Australia, and ASKIN MORRISON NICHOLAS, of Melbourne, Victoria, Metallurgist.—An invention for improved flexible gear and appliances for transmitting motion by means of water or any suitable liquid to sheep-shearing machines.
5190. 16th September. WILLIAM ANGUS, of Taylor Street, Sydenham, New Zealand, Blacksmith.—An invention for an improved swivel skeith or circular coultter, to be known as "The Angus Swivel Skeith."
5191. 16th September. WILLIAM HARRISON, of Rakaiia, Canterbury, New Zealand, Farmer.—An invention for a steamer for improving the condition of stacks about to be cut into chaff.
5192. 18th September. THOMAS LAWSON THOMPSON, of Te Ore Ore, Masterton, New Zealand, Sheep-farmer.—An invention for new or improved safety fire-screen grate.*
5193. 18th September. ELIHU THOMSON, of Swampscott, Massachusetts, United States of America, and EDWIN WILBUR RICE, Jun., and NORMAN CHAUNCEY BASSETT, both of Lynn, Massachusetts aforesaid, all Electricians.—An invention for improvements in electric railway motors.
5194. 18th September. THOMAS CLARKSON, of Elm-tree Villa, Battersea, Surrey, England, Engineer.—An invention for an improved machine for classifying or sizing materials.
5195. 14th September. JOHN MITCHELL, of Auckland, New Zealand, Architect.—An invention for an improvement in carpenters' planes.
5196. 19th September. WILLIAM SPEIRS SIMPSON, of 49, Battersea Park Road, London, England, Civil Engineer.—An invention for apparatus to facilitate obtaining books after insertion of coin.
5197. 19th September. JAMES THOMSON GLOVER, of Wellington, New Zealand, Engineer.—An invention for improvements in jet water-motors.
5198. 19th September. FRANÇOIS GUSTAVE DOSMOND, Chemist, and JEAN FERDINAND ROZES, Engineer, both of Agen, France.—An invention for improvements in processes for preserving alimentary substances.
5199. 17th September. JOHN ANDERSON and ARCHIBALD MORRISON, of Dunedin, New Zealand, Plumbers, Brass-founders, and Engineers.—An invention for an improvement in the construction, design, and manufacture of door-handles, and entitled "The Everlasting Door-handles."
5200. 23rd September. CHARLES BLACK, of Sea Point, Napier, New Zealand, Blacksmith.—An invention for improvements in apparatus for drawing corks.
5201. 24th September. DAVID ESTLER BLACKIE, of 92, Powlett Street, East Melbourne, Victoria, Manager of the Austral Nail Company (Limited), of Ferrars Street, South Melbourne, Victoria aforesaid.—An invention for an improved wire-nail-making machine.*
5202. 24th September. JAMES SEYMOUR PHILIP STUTLEY, of the Grand Coffee Palace, Hindley Street, Adelaide, South Australia, Proprietor.—An invention for an improved self-generating gas lamp. (W. Hooker.)*
5203. 24th September. WILLIAM ERRINGTON, of Salisbury Buildings, Bourke Street, Melbourne, Victoria, Engineer.—An invention for automatic stone-cutting and stone-dressing machinery.
5204. 26th September. FREDRICK PETERSON, of Te Kopuru, Kaipara, Auckland, New Zealand.—An invention for the cure of toothache, to be known by the name of "Abdol."
5205. 19th September. GEORGE BOND, of Otahuhu, Auckland, New Zealand, Bootmaker.—An invention for the combination boot- and knife-cleaner, grinder and polisher for scissors, &c.*
5206. 28th September. THOMAS LAWSON THOMPSON, of Te Ore Ore, Masterton, New Zealand, Sheep-farmer.—An invention for separate outside adjustment for "The new or improved safety fire-screen grate." (No. 5,192.)*
5207. 24th September. ROBERT MILLIS, of Dunedin, New Zealand, Printers' Machinist.—An invention for making block-bottom paper-bags, and entitled "The Simplex Bag-making Machine."
5208. 25th September. WILLIAM COUPE and JONATHAN COUPE, trading under the name of "Coupe Brothers," of Wanganui, New Zealand, Contractors.—An invention for boring into soft rocks, to be called "Coupe's Patent Rock-auger."
5209. 25th September. ROBERT LOCHHEAD, of 6, Princes Street, Dunedin, New Zealand, Importer.—An invention for "Lochhead's Combined Clothes-wringer and Mangle Clamps."

5210. 25th September. CHEW CHONG, of Courtenay Street, New Plymouth, New Zealand, Butter Merchant.—An invention for moulding butter by hand into packages of equal size, the apparatus to be called "Chew Chong's Hand Butter-moulder."
5211. 28th September. PEAL GENN, of Christchurch, New Zealand, Machinist.—An invention for a spring-frame water-barrow, to be called "The Handy Spring-frame Water-barrow."
5212. 25th September. AUGUST SCHEIDEL, Ph.D., of Thames, New Zealand, Technical and Metallurgical Chemist.—An invention for vacuum filter appliance for separating gold and silver solutions from ore, tailings, or other materials.
5213. 25th September. ELLEN ENDEAN, of Queen Street, Auckland, New Zealand, Hotelkeeper, and HENRY RICHARD JURY, of Parnell, Auckland aforesaid, Millwright.—An invention for a better and quicker method of cleaning knives, to be called "Mrs. Endean's Knife-cleaner." (Refused.)
5214. 28th September. REGINALD SOMERVILLE FRANCIS AICKIN, of Richmond Road, Ponsonby, Auckland, New Zealand, Gentleman.—An invention for a patent safety bi-lateral-action stirrup.*
5215. 30th September. HERBERT JOHN ISITT, of Brancepeth, Masterton, New Zealand, Clerk and Accountant.—An invention for "Isitt's Patent Non-corroding, Air-tight, Heat-resisting Bisulphide-of-carbon Carrier," being a pot for carrying bisulphide of carbon for the destruction of rabbits.*
5216. 1st October. FREDRICK P. ROSBACK, of Chicago, Illinois, United States of America, Machinist.—An invention for improvements in metal fence-posts.
5217. 1st October. GEORGE FREDERICK DAWSON and HERMANN NEUMANN, both of Bradford, York, England, Stuff Merchants.—An invention for an improved compound for use in extinguishing fires. (M. Eberhardt.)
5218. 1st October. WILLIAM JOHN WALLIS, of Ni Ni, Victoria, Blacksmith, and THOMAS ALBERT TAYLOR, of Kiata East, Victoria, Farmer.—An invention for a new and improved combined weed-cutter and scarifier.*
5219. 1st October. WILLIAM MCLEAN, of Lonsdale Street, Melbourne, Victoria, Engineer.—An invention for an improved nightsoil and offal desiccating apparatus.
5220. 2nd October. WILLIAM CHRISTOPHER WHITE, of Sneyd Bowen Hills, Brisbane, Queensland, Contractor.—An invention for improvements in packing-cases and crates and in means for stowing goods carried in same.
5221. 2nd October. JOSEPH CARTER OAKMAN, of O'Connell Street, Sydney, New South Wales, Merchant.—An invention for an improved exercising-machine.
5222. 5th October. DAVID LANDBOROUGH COCHRANE, of Reefton, New Zealand, Contractor.—An invention for a new excavator.*
5223. 3rd October. JOSEPH HUCKER, of St. Andrew Street, Dunedin, New Zealand, Cabinet-maker.—An invention for comfortably and safely accommodating children at dinner or at play by a combination folding-chair and table, called "Our Pet."
5224. 8th October. JOHN JAMES BILLET LIDDINGTON, of White Horse Road, Blackburn, near Melbourne, Victoria, Builder.—An invention for an improved combination tool for clamping timber.*
5225. 8th October. FREDERICK GILES, of Fawkner Street, South Yarra, near Melbourne, Victoria, Merchant.—An invention for an improved apparatus for retaining a lift-car or cage at any point of its travel.
5226. 8th October. ANNIE SUMMERS, of Yarra Glen, Victoria, Agriculturist.—An invention for an improved combined current-wheel and conduit.
5227. 8th October. EDWARD WATERS, of 131, William Street, Melbourne, Victoria, Patent Agent.—An invention for improvements in a process and apparatus for dressing of crushed ores. (O. Bilharz.)
5228. 9th October. RYERSON DUDLEY GATES, of Chicago, United States of America, Manufacturer.—An invention for stone-crusher and pulveriser.
5229. 12th October. THOMAS ROBERT WHITMORE WRIGHT, of Blairich, Awatere, Marlborough, New Zealand, Shepherd.—An invention for a new or improved method of destroying rabbits.*
5230. 14th October. LLOYD ALONZO KIMBALL, of Sydney, New South Wales, Manager of the Parke and Lacy Company, Dealer in Machinery and Supplies.—An invention for improvements in hydraulic elevators.
5231. 14th October. ALFRED MELCHIOR, of Sydney, New South Wales, Mechanical Engineer.—An invention for improvements in sheep-shearing machines.
5232. 14th October. ALFRED HENRY COLLIER, of Sydney, New South Wales, Accountant.—An invention for improvements in telephone receivers, usable also as transmitters.*
5233. 10th October. GEORGE MATHISON, Jun., of Mount Allen, Silver Peak District, Otago, New Zealand, Sheep-farmer.—An invention for an improved wire-fastener for sheep- and cattle-fences.
5234. 14th October. JOHN EDWARD TOUCH, of Christchurch, New Zealand, Engineer.—An invention for improvements in gearing for driving pumps by windmill or other power.
5235. 14th October. ALEXANDER MCCALL, of North Melbourne, Victoria, Grocer.—An invention for an improved contrivance for preventing horses running away with vehicles.*
5236. 14th October. HERBERT LESLIE MANTON, of 454, Collins Street, Melbourne, Victoria, Merchant.—An invention for an electric device for indicating tabulated public information.
5237. 9th October. CHARLES WALTER HILL, of Christchurch, New Zealand, Pharmaceutical Chemist.—An invention for a wrapper for invoices, circulars, or other similar documents for transmission by post.

5238. 13th October. FREDERIK LAWRENCE HANS JORGENSEN, of 24, Adelaide Crescent, Brighton, England, at present temporarily residing at Dunedin, New Zealand, Gentleman.—An invention for counteracting the movement of any article on board a vessel that is required to be kept steady, and entitled "The Motionless."
5239. 16th October. THOMAS HEADEN, of High Street, Prahran, Victoria, Builder.—An invention for improvements in earth-closets.*
5240. 16th October. LEICESTER BRADNEY STEVENS, of Darlington Works, Southwark Bridge Road, Surrey, England, Engineer.—An invention for improvements in semaphore signalling apparatus for use on board ship, at coast-guard stations, and the like.*
5241. 16th October. JAMES KEMP WELSH, of Parkstone, Weybridge, Surrey, England, Gentleman, and GEORGE BROWNEN, Fellow of the Chemical Society, of Althorp Road, Upper Tooting, Surrey, England.—An invention for an improvement in syphon bottles.
5242. 16th October. COLEMAN PHILLIPS, of Featherston, Wairarapa, Wellington, New Zealand, Sheep-farmer.—An invention for an apparatus for exterminating moths.*
5243. 16th October. EDWARD BATTERSBY TOOMATH, of Aurora Terrace, Wellington, New Zealand, Farmer.—An invention for improvements in machinery for marking and counting sheep.*
5244. 17th October. WILLIAM TOOGOOD, of Featherston, Wairarapa, New Zealand, Storekeeper.—An invention for "Toogood's Patent Fibre-cleansing, Drying, and Scutching Machine."*
5245. 15th October. HAROLD JAMES AUGUSTUS PYKE, of Devonport, Auckland, New Zealand, Commission Agent.—An invention for kauri-gum cleaning process.*
5246. 22nd October. JAMES JAMIESON, of Sydney, New South Wales, Farmer.—An invention for an improved combination multiple-furrow plough and planter.
5247. 22nd October. GUNDER TELLEFSEN, of Danevirke, Hawke's Bay, New Zealand, Machinist, and HENRY HUGHES, of 4, Lambton Quay, Wellington, New Zealand, Foreign Member of the Chartered Institute of Patent Agents.—An invention for an improved apparatus for washing floors.*
5248. 23rd October. HENRI GALOPIN, of Temple Court Place, Chancery Lane, Melbourne, Victoria, Scientific Engineer.—An invention for improvements in and connected with apparatus for regulating the supply of liquid hydrocarbon to lamp and other burners in houses, railway-carriages, and other structures.
5249. 19th October. HAROLD JAMES AUGUSTUS PYKE, of Devonport, Auckland, New Zealand, Commission Agent.—An invention for handle-brace for scrub-hooks.
5250. 26th October. MAURICE JAMES KEATING, of Sydney, New South Wales, Lieutenant in the Naval Artillery.—An invention for improvements in targets, and in apparatus for marking connected therewith.
5251. 23rd October. JAMES KEIR, of Ashburton, New Zealand, Machinist.—An invention for an improved hinge for folding straw-elevators, to be called "Keir's Elevator Hinge."*
5252. 29th October. MARGARET JANET KEEGAN, of Cororooke, Victoria, Dressmaker.—An invention for improved charts to be used as guides for cutting out dresses and other garments.
5253. 27th October. ALFRED BARTLETT, of Queen Street, Auckland, New Zealand, Watchmaker.—An invention for "Bartlett's Racing-clock, for Starting, Handicapping, and Timing Races."*
5254. 31st October. JOHN ADAM BERG, of Palmerston North, New Zealand, Coachsmith.—An invention for "Berg's Improved Excelsior Road Cart."
5255. 31st October. JAMES JOHN SHEDLOCK and THOMAS DENNY, of 105, Gresham House, London, England, Civil and Mining Engineers.—An invention for a process and apparatus for extraction of metals from ores.
5256. 31st October. LOUIS CARNEGIE AULDJO, of 255, George Street, Sydney, New South Wales, Consulting Engineer.—An invention for improvements in air or gas compressors.
5257. 31st October. ANGLESON EDWARD ADAMS, of Invermark House, Dixon Street, Wellington, New Zealand, Chairmaker.—An invention for a device for indicating the time at which a lodger desires to be awakened, and the name of refreshment he requires, to be called "The Bedroom Watch."*
5258. 3rd November. THOMAS CLEMENT HODGKINSON, of Ramsden's Buildings, Elizabeth Street, Melbourne, Victoria, Mechanical and Electrical Engineer, and HENRY THOMAS TOMPSITT, of Flinders Street, Melbourne aforesaid, Wholesale Druggist.—An invention for a new or improved combined electro-medical apparatus coil and battery.
5259. 3rd November. WILLIAM BRAZENALL, Engineer, and MATTHEW BYRNES, Steamboat Proprietor, both of Sydney, New South Wales.—An invention for improvements in the method of effecting the smokeless combustion of fuel in boiler-furnaces, and in apparatus for aiding combustion in and preventing the emission of smoke from such furnaces.*
5260. 3rd November. JOHN THORNTON, of Oxford Chambers, Bourke Street, Melbourne, Victoria, Contractor.—An invention for an improved spark-arrester.
5261. 3rd November. JOHN MOFFAT, Tin-smelter, of Irvinebank, Queensland, and Bridge Street, Sydney, New South Wales, and WILLIAM WRIGHT VIRTUE, of Bridge Street aforesaid, Engineer.—An invention for improvements in machines for shearing or clipping wool and for cutting hair.
5262. 3rd November. JOHN MOFFAT, Tin-smelter, and WILLIAM WRIGHT VIRTUE, Engineer, both of Sydney, New South Wales.—An invention for improvements in flexible shafting for transmitting rotary motion, and in coupling-attachments therefor.
5263. 3rd November. JOHN MOFFAT, of Irvinebank, Queensland, and Bridge Street, Sydney, New South Wales, Tin-smelter, and WILLIAM WRIGHT VIRTUE, of Bridge Street aforesaid, Engineer.—An invention for improvements in machines for grinding and sharpening shearing combs and cutters and certain other tools and instruments.

5264. 3rd November. JOHN MOFFAT, of Irvinebank, Queensland, and Bridge Street, Sydney, New South Wales, Tin-smelter, and WILLIAM WRIGHT VIRTUE, of Bridge Street aforesaid, Engineer.—An invention for improvements in overhead driving gear, or mechanism for communicating rotary motion to flexible and other intermediate shafting in connection with sheep-shearing and like apparatus.
5265. 3rd November. THOMAS SMITH, of Hanover Street, Windsor, near Melbourne, Victoria, Gas Engineer.—An invention for an improved method of and apparatus to be used in the manufacture and storage of inflammable gas for general purposes.*
5266. 3rd November. EDWARD WATERS, of 131, William Street, Melbourne, Victoria, Patent Agent.—An invention for apparatus for securing buttons to garments or other articles. (E. Noelle.)
5267. 4th November. ANTON HENDREK HANSEN, of Wellington, New Zealand, Meat-extract Manufacturer.—An invention for an improved process for manufacturing a nutritive jelly.
5268. 30th October. ROBERT FELLOWES WEBSTER, of Pukekohe, Auckland, New Zealand, Saddler.—An invention for an improved saddle-tree.
5269. 4th November. DAN RYLANDS, of Stairfoot, England, Glass-bottle Manufacturer.—An invention for improvements in receptacles for preserved meat and other substances.
5270. 30th October. JOHN SCOTT, of Tay Street, Invercargill, New Zealand, Carpet and Bedding Maker, Flax-dresser, and Rope-spinner.—An invention for "Scott's Patent Flax-dust," for relieving pain and healing sores arising from burns, scalds, &c.
5271. 31st October. HERBERT HENRY SMITH, of Auckland, New Zealand, Wrought-iron Range Manufacturer.—An invention for a cooking-range, to be called "Smith's Patent Climax Range."
5272. 29th October.—CHARLES MYTTON BROOKE, of Ashburton, New Zealand, Chemist.—An invention for a simple lamb-feeder, to be called "Brooke's Simple Lamb-feeder."*
5273. 30th October. WILLIAM MCLAUGHLIN, of Papatoitōi, Auckland, New Zealand, Settler.—An invention for a kauri-gum cleaner or scraper.*
5274. 3rd November. FREDERICK WILLIAM CONE, of Kaiapoi, New Zealand, Saddler.—An invention for an adjustable horse-collar and hames combined.
5275. 4th November. ALBERT HENRY PARSMORE NOBLE, Mechanician, and MICHAEL SCOTT CAMPBELL, Gentleman, both of Christchurch, New Zealand.—An invention for an improved method of hanging, fastening, and lifting gates for sheep-yards, wool-sheds, and similar purposes.
5276. 29th October. SOLOMON COX, of Kensington, Victoria, Horse-dealer.—An invention for a new compound for blistering and curing sprains, swellings, mange, and other skin- and foot-diseases in horses, bullocks, dogs, sheep, and other animals; and also for the curative treatment of chilblains, blistered and chapped hands and feet, colds and rheumatics, and similar affections in human beings.
5277. 7th November. ENOCH HALLETT, of Meeanee, Hawke's Bay, New Zealand, Surveyor.—An invention for an improved method of clearing "dags" or locks of wool from sheep-dung.*
5278. 4th November. THOMAS MOORE BRYANT, of Auckland, New Zealand, Merchant.—An invention for a can for cold, hot, or steam preserving meats, fish, fruits, jams, jellies, honey, molasses, butter, &c., to be called "The Colonial Preserve-can."
5279. 5th November. WILLIAM VAILE, of Mount Eden, Auckland, New Zealand, Draper.—An invention for "William Vaile's Patent Self-acting Gum-cleaner."*
5280. 5th November. WILLIAM ERNEST HUGHES, of Auckland, New Zealand, Registered Patent Agent.—An invention for improved apparatus for heating milk and some other liquids. (M. Pedersen and R. A. Lister).*
5281. 7th November. THOMAS CROMPTON, of Christchurch, New Zealand, Ironfounder.—An invention for a new cooking-stove, to be called "The Settlers' Universal Cooking-stove."
5282. 10th November. WILLIAM TROUTBECK, of Patrick Street, Stawell, Victoria, Engineer.—An invention for an improved sheep-shearing machine.*
5283. 12th November. ALEXANDER BRUNS, Chemist, and FRANZ NEUBERT, Merchant, both of Halle a Salle, German Empire.—An invention for process for producing sparkling wines and apparatus therefor.
5284. 13th November. ELIAS DIMANT, of 204, Little Flinders Street, Melbourne, Victoria, Warehouseman.—An invention for an improved spring-bottom foundation or "backing" for bedsteads, mattresses, couches, chairs, seats, and the like.*
5285. 13th November. ROBERT STARKE, of West Regent Street, Glasgow, Scotland, Solicitor, and WILLIAM PATERSON, of Phoenix Chemical Works, Maryhill, near Glasgow aforesaid, Chemist.—An invention for improvements in the extraction of metals from ore.*
5286. 12th November. WILLIAM ANDREWS and ARTHUR WARD BEAVEN, of Christchurch, New Zealand, Engineers.—An invention for an improved combined clover threshing, shelling, and cleaning machine.
5287. 12th November. WILLIAM ANDREWS and ARTHUR WARD BEAVEN, of Christchurch, New Zealand, Engineers.—An invention for an improved exhaust fan and cleaning-machine for use in connection with clover or grain or grass seed cleaning machinery.
5288. 12th November. WILLIAM ANDREWS and ARTHUR WARD BEAVEN, of Christchurch, New Zealand, Engineers.—An invention for an improved sheller for clover.
5289. 6th November. ARTHUR WEMYSS HORSBRUGH, of Auckland, New Zealand, Settler.—An invention for a standard compass for the use of ships, surveyors, &c.*
5290. 6th November. ARTHUR WEMYSS HORSBRUGH, of Auckland, New Zealand, Settler.—An invention for a compensating compass for the use of ships, surveyors, &c.*
5291. 10th November. ALEXANDER HARVEY, of Albert Street, Auckland, New Zealand, Tin-, Zinc-, and Copper-worker.—An invention for improvements in apparatus for milking cows. (W. Murchland.)

5292. 16th November. HENRY VINCENT SMITH, of 33, Cunningham Street, South Yarra, near Melbourne, Victoria, Gentleman.—An invention for improved contrivances for closing and locking the doors of railway-carriages.*
5293. 16th November. HENRY VINCENT SMITH, of 33, Cunningham Street, South Yarra, near Melbourne, Victoria, Gentleman.—An invention for improved means for operating semaphore arms.*
5294. 16th November. HENRY VINCENT SMITH, of 33, Cunningham Street, South Yarra, near Melbourne, Victoria, Gentleman.—An invention for a magnetic lock principally applicable to doors, gates, boxes, and drawers.*
5295. 16th November. SIGISMUND BARON WORTMANN, of 126, East Seventy-ninth Street, New York, United States of America, Gentleman.—An invention for mechanical movement.
5296. 16th November. The PARKE AND LACY COMPANY, an incorporated company according to the laws of California, one of the United States of America, carrying on business at San Francisco, California aforesaid, and Sydney, New South Wales, Dealer in Machinery and Supplies.—An invention for improvements in water-tube steam-boilers. (J. A. Caldwell.)
5297. 14th November. CHARLES LOOMES, of Christchurch, New Zealand, Salesman.—An invention for an improved trap for codlin and other moths.
5298. 16th November. RICHARD KEARNS, of Upper Nelson Street, Auckland, New Zealand, Telegraph Instructor.—An invention for "Kearns's Combination Telegraph Sounder Instrument."*
5299. 20th November. WILLIAM NELSON, of Tomoana, Hawke's Bay, New Zealand, Sheep-farmer, and JAMES JUST NIVEN, of Waipukurau, Hawke's Bay aforesaid, Engineer.—An invention for improved means or apparatus for actuating the cutters of sheep-shearing machines.*
5300. 20th November. WALTER COLE, of 39, Coleman Street, London, England, Architect.—An invention for improvements in centrifugal machinery or apparatus for separating cream from milk.*
5301. 20th November. ALURED EDWARD GIBSON, M.A., of 4, St. Clare Terrace, Dartmouth, England, Instructor in Physics.—An invention for an improved cigarette or cigar.*
5302. 23rd November. JOSEPH SAMUEL BEEMAN, of St. Kilda, near Melbourne, Victoria, Engineer.—An invention for an improved process for treating refractory gold- and silver-bearing materials.*
5303. 23rd November. JOHN CRASTER MOWBRAY, of Palmerston North, New Zealand, Land Agent.—An invention for an improved apparatus for tethering and leading cattle and some other animals.*
5304. 25th November. HOWARD OSBORNE, of Wellington, New Zealand, Trunkmaker.—An invention for an improved girdle or belt.
5305. 26th November. JOHN HENRY HILL DUNCAN, of 39, Coleman Street, London, England, Chartered Accountant.—An invention for improvements in the manufacture or production of butter.*
5306. 26th November. ROBERT JOHN WALKER POUND and WALTER PROSSER HESKETT, both of Market Street, South Melbourne, Victoria, Metallurgists.—An invention for improvements in cupola smelting-furnaces and the manner of repairing the same.*
5307. 26th November. JOHN TAYLOR POPE and JAMES RAPHAEL BUICK, both of Tangorin, Queensland, Telegraph Operator and Engineer respectively.—An invention for improvements in water-motors.
5308. 24th November. WILLIAM HENRY RULE, of Ashburton, New Zealand, Farmer.—An invention for a new simple water-filter, to be called "Rule's Acme Water-filter."
5309. 26th November. EDWARD WATERS, of 131, William Street, Melbourne, Victoria, Patent Agent.—An invention for improvements in and connected with engines in which gas generated from petroleum or other liquid hydrocarbon is employed. (C. W. Pinkney.)
5310. 25th November. CORNELIUS LOT WHEELER, of Christchurch, New Zealand, Mill-machinist.—An invention for an improved seed and grain disintegrator, to be called "Wheeler's Seed and Grain Disintegrator."
5311. 27th November. WILLIAM ANDREW YOUNG, of Wellington, New Zealand, Coach Proprietor.—An invention for a new or improved apparatus for brushing and grooming horses and some other animals.*
5312. 24th November. EDWARD HUGHES ELLIOTT, of Cross Street, Timaru, New Zealand, Mechanical Engineer.—An invention for an improved electro-magnetic belt.*
5313. 1st December. CARL THOMAS BLANCH BRAIN, of Devonport Cottage, Helsby, Chester, England, Electrical Engineer.—An invention for improvements in power-conduits for tramways or railways, and in electrical connections therefor.
5314. 1st December. JAMES HORNSBY, JOHN INNOCENT, and ISAAC TROLLEY, all of Spittlegate Ironworks, Grantham, Lincoln, England, Engineers.—An invention for improvements in harvesting-machines.*
5315. 1st December. GEORGE ANDREWS, of Jessamine Villa, Willesborough, Kent, England, Engineer.—An invention for improvements in means or apparatus for trapping animals and birds.*
5316. 1st December. ANDREW FRENCH, of Willowbank, Larbert, Stirling, Scotland, Metallurgist.—An invention for improvements in obtaining gold, silver, and copper from ores.
5317. 1st December. PIERRE FAURE (commonly known as "Pierre Paulin Faure"), of 5, Place du Champ de Foire, Limoges, France, Engineer.—An invention for an improved machine for decorticating ramie and other textile plants.
5318. 1st December. PETER HENDERSON, of Waihao, South Canterbury, New Zealand, Blacksmith.—An invention for a double- or single-seated monocycle.*

5319. 23rd November. RICHARD JAMES OWEN, temporarily residing at Burleigh Street, Auckland, New Zealand, Teacher of Shorthand.—An invention for a cooling envelope for milk, meat, &c.*
5320. 27th November. JOHN SMAILL, of Leith Street, Dunedin, New Zealand, Mechanical Engineer.—An invention for improved coupler to be used in connection with "Safety Swingle-tree."*
5321. 2nd December. ERNEST JOHN GRAHAM and JOHN TASKER, both of Wellington, New Zealand, Portrait Artists.—An invention for an improved fly-paper and advertising medium.*
5322. 26th November. WILLIAM MEIKLE, of Mercury Bay, Auckland, New Zealand, Engineer.—An invention for saving gold on the tables of quartz-crushing batteries, to be called "Meikle's Patent Battery Table."
5323. 4th December. JOSEPH GEORGE NASH, of Hindmarsh Square, Adelaide, South Australia, Engineer.—An invention for improvements in the construction of sheep-shearing machines, and in the method of actuating the same.
5324. 4th December. HENRY GEORGE BEDELL, of Wellington, New Zealand, Engineer.—An invention for a new or improved machine for applying water-power.*
5325. 2nd December. DAVID RANKEN SHIREFF GALBRAITH, of Bell Road, Remuera, Auckland, New Zealand, Fellow of the Institute of Chemistry of Great Britain and Ireland, Metallurgist.—An invention for "Galbraith's Molecular Ferro-ferric Carbon Equivalent Reduction Process."*
5326. 7th December. WALTER COUSENS ALEXANDER, of Grenville House, Boutport Street, Barnstaple, North Devon, England.—An invention for a machine for separating magnetic iron-sand from gold, titanium, and other foreign matters, for the purpose of obtaining these for use.*
5327. 3rd December. JOHN FENWICK ELLIOTT, of Sullivan's Restaurant, Stuart Street, Dunedin, New Zealand.—An invention for "The Magnetic Rabbit-trap."
5328. 9th December. DONALD STUART, of Foxton, Wellington, New Zealand, Bootmaker.—An invention for an improved method of colouring and enamelling leather.*
5329. 9th December. JAMES FREYBERG, of Percival Street, Wellington, New Zealand, Surveyor and General Business Agent.—An invention for a new rotary ball castor.*
5330. 9th December. JAMES FREYBERG, of Percival Street, Wellington, New Zealand, Surveyor and General Business Agent.—An invention for a new solid horn castor.*
5331. 9th December. JAMES FREYBERG, of Percival Street, Wellington, New Zealand, Surveyor and General Business Agent.—An invention for "The Arctic Freezer."*
5332. 10th December. FREDERICK LANGWORTHY, of Unwin's Bridge Road, St. Peter's, Sydney, New South Wales, Builder.—An invention for coal-dust briquettes.
5333. 11th December. JOHN BIRCHALL, of 51 and 53, Little Latrobe Street, Melbourne, Victoria, Engineer.—An invention for an improved automatic fire telegraph instrument.*
5334. 11th December.—JOHN DUFF, of Rathmines Road, Hawthorn, Victoria, Contractor, and ERNEST MARGETTS, of Malmsbury Street, Hawthorn aforesaid, Storekeeper.—An invention for an improved shirt-ironing board.
5335. 11th December. HERMANN PAPE and WILLIAM HENNEBERG, both of Hamburg, German Empire, Engineer.—An invention for improved means for dry separation of materials of different specific weight and of different size.
5336. 12th December. THOMAS FREEMAN BRENCHLEY, of Mauriceville, Wellington, New Zealand, Limeburner.—An invention for destroying various kinds of blight on fruit-trees and ornamental shrubs, and exterminating field and garden insect pests, called "Brenchley's Fertiliser and Farm and Garden Insecticide."*
5337. 12th December. ALFRED MELCHIOR, of Sydney, New South Wales, Mechanical Engineer.—An invention for improvements in sheep-shearing machines.
5338. 12th December. THOMAS FERGUSON, of 8, Oban Street, Hawksburn, Victoria, Engineer.—An invention for an improved machine for injecting syrup into, and filling with aerated waters, internal-stoppered bottles.
5339. 12th December. SAMPSON WILLIAMS, of Knigge's Avenue, Wellington, New Zealand, Builder.—An invention for improvements in the arrangement and working of the sliding-doors of landings of lift-shafts or trams. (W. P. Martin.)*
5340. 12th December. SAMPSON WILLIAMS, of Knigge's Avenue, Wellington, New Zealand, Builder.—An invention for a new or improved contrivance whereby lift-cages may be fixed at landings to avoid accidents. (W. P. Martin.)*
5341. 7th December. ALEXANDER STORRIE, of Invercargill, New Zealand, Implement-maker.—An invention for "Storrie's Patent Folding Drill."
5342. 11th December. ENOS BOND, of Wade, Auckland, New Zealand, Storekeeper, and JAMES GOODFELLOW, of Dairy Flat, Auckland aforesaid, Farmer.—An invention for an improved stirrup.*
5343. 15th December. HENRY ASHWORTH, of Wadestown, Wellington, New Zealand, Engineer.—An invention for "The Patent Stop-gap or Anti-vibrator," for placing between the ends of rails in the spaces or joints of tram- or rail-ways.*
5344. 16th December. VICTOR JAMES WILLIAMS, of Grey Street, Auckland, New Zealand, Brush-manufacturer.—An invention for the syringe-brush for washing bottles.*
5345. 15th December. PATRICK JOHN HENLEY, of Leeston, Canterbury, New Zealand, Farmer.—An invention for a new grain-pickling machine, to be called "Henley's Grain-pickling Machine."
5346. 18th December. MEPHAN FERGUSON, of Carlton Foundry, Leicester Street, Carlton, Victoria, Engineer.—An invention for improvement in the art of uniting metal plates or sheets. (J. C. Bayles.)

5347. 18th December. MEGHAN FERGUSON, of Carlton Foundry, Leicester Street, Carlton, Victoria, Engineer.—An invention for improvement in the manufacture of metallic pipes or tubes. (J. C. Bayles.)
5348. 18th December. WILLIAM HAWKINS and THOMAS HAWKINS, both of 41, Hale Street, Landport, Portsmouth, England, Mechanician.—An invention for improvements in and relating to generating fluid-pressure for motive-power and other purposes.
5349. 14th December. ROBERT McEACHERAN PEACE, of Auckland, New Zealand, Kauri-gum Merchant.—An invention for an improved mode of, and apparatus for, cleaning and preparing kauri-gum.
5350. 14th December. RICHARD HARRIS HOPKINS, of Ponsonby, Auckland, New Zealand, Commission Agent.—An invention for an improvement in metal cans for preserving meat, fruit, syrup, and some other commodities.
5351. 16th December. JOHN JOHNSTON, of Wood's Hotel, Rattray Street, Dunedin, New Zealand, Solicitor.—An invention for the separation and amalgamation of gold, to be called "The Johnston Separator and Amalgamator."*
5352. 21st December. JOHN DRAKE HURLEY, of Shortland Street, Auckland, New Zealand, Boot-maker.—An invention for an improvement in last-making, to be called "Hurley's Patent Trinomial Last."
5353. 19th December. VALENTINE SAMUELL ASTON, of Gisborne North, New Zealand, Tinsmith.—An invention for a triplex axle-pulley for balancing window-sashes, or where a similar balance may be required.
5354. 24th December. REGINALD BAYLEY, Draughtsman, and FOLLETT CARRINGTON, Computer, both of Wellington, New Zealand.—An invention for a revolving automatic reading-desk, to be called "The Planet Reading-desk."
5355. 24th December. THOMAS FALVEY, of Christchurch, New Zealand, Engineer.—An invention for an improved registering-machine, to be called "Falvey's Compound Registering-machine."
5356. 29th December. DONALD McLEAN, of Waitaki North, New Zealand, Ploughman.—An invention for the conservation of apples and pears, to be called "The Apple-conserver."
5357. 29th December. ALEXANDER SHIELDS, of 190, Bath Street, Glasgow, Scotland, M.B., C.M., B.Sc.—An invention for an improved method of, and apparatus for, automatically regulating temperatures in ships, buildings, rooms, and other interiors or places.
5358. 29th December. ERNEST WALKER, of 89, Pitt Street, Sydney, New South Wales, Merchant.—An invention for improvements in check cash-tills.
5359. 29th December. ANDREW THOMAS, F.C.S., of Gresham Street, Adelaide, South Australia, Analyst.—An invention for an improved process for the recovery of metals from their solutions.*
5360. 29th December. The ELECTROLIBRATION COMPANY, a corporation organized under the laws of the State of Alabama, one of the United States of America, and doing business at Birmingham, Alabama aforesaid, and elsewhere.—An invention for improvements in the methods of curing nervous and other diseases of the human system, and apparatus therefor.
5361. 29th December. ALEXANDER ABERDEEN BLACKMAN, of Sydney, New South Wales, Mining Agent.—An invention for an improvement in the extraction of free gold from metalliferous material.
5362. 29th December. JOHN READ PEACOCK, of 8, Taylor's Cottages, London Road, Nottingham, England, Patternmaker, HENRY WALKER HILL, of 47, Hampden Street, Nottingham aforesaid, Consulting Engineer, and JOHN PARKER, of 42, Dryden Street, Nottingham aforesaid, Civil Engineer.—An invention for improvements in or relating to nuts for screwed bolts and the like.
5363. 30th December. JAMES REEVE WILKINSON, of Addington, Canterbury, New Zealand.—An invention for an improved spout for kettles and other vessels intended for boiling water or other liquid, in cases where a spout is required, and is attached with solder or made with soldered seam.
5364. 23rd December. DAVID WILLIAM OWEN FAGAN, of Mangapai, Auckland, New Zealand, Settler.—An invention for a household flue-brush and chimney-sweeper.*
5365. 30th December. WILLIAM ARETAS PARRY SUTTON, of Hamilton, Auckland, New Zealand, Stock Inspector.—An invention for "Sutton's Parasitic Drench for Sheep and Cattle."*
5366. 23rd December. WILLIAM McCORQUODALE and ALEXANDER McCORQUODALE, Jun., both of Auckland, New Zealand, Flour-millers.—An invention for cleaning kauri-gum, to be called "McCorquodale's Automatic Kauri-gum-cleaning Process."
5367. 31st December. CHARLES LOOMES, of Christchurch, New Zealand, Salesman.—An invention for an apparatus for catching the grubs of the codlin and other moths and insects which ascend or descend the trunks and limbs of trees.

I.—NUMBER of APPLICATIONS for PATENTS from Persons residing in New Zealand and other Colonies and Countries in each of the Years 1890 and 1891.

| | 1890. | 1891. | | 1890. | 1891. |
|----------------------------|-------|-------|---------------------------|-------|-------|
| New Zealand | 352 | 313 | Queensland | 6 | 8 |
| Argentine Republic | 1 | .. | South Africa | 3 | .. |
| Austria | .. | 1 | South Australia | 13 | 9 |
| Belgium | 1 | .. | Sweden | 3 | .. |
| British Columbia | .. | 1 | Switzerland | .. | 1 |
| Canada | .. | 7 | Tasmania | 3 | 1 |
| France | 6 | 2 | United Kingdom | 90 | 88 |
| Germany | 6 | 5 | United States | 21 | 25 |
| New South Wales | 57 | 60 | Victoria | 52 | 69 |
| Norway | .. | 1 | Western Australia | 1 | .. |
| Portugal | .. | 1 | | | |

NOTE.—As some applications have been received from joint applicants resident in different countries, these figures will total more than the actual number of applications received.

J.—NUMBER of APPLICATIONS for REGISTRATION of TRADE-MARKS from Persons residing in New Zealand and other Colonies and Countries in each of the Years 1890 and 1891.

| | 1890. | 1891. | | 1890. | 1891. |
|---------------------|-------|-------|-------------------------|-------|-------|
| New Zealand | 89 | 87 | New South Wales | 7 | 11 |
| Austria | 3 | .. | Queensland | .. | 1 |
| Ceylon | .. | 1 | Russia | .. | 1 |
| Cuba | 4 | .. | South Australia | 2 | 2 |
| France | 2 | 17 | Switzerland | .. | 1 |
| Germany | .. | 1 | United Kingdom | 40 | 73 |
| Holland | 3 | 2 | United States | 8 | 13 |
| India | 1 | .. | Victoria | 8 | 17 |
| Natal | .. | 1 | | | |

NOTE.—As a few applications have been received from persons giving an address in more than one country, the columns will add to slightly more than the actual number of applications received.

K.—LIST of PUBLICATIONS in the Patent Office Library at the Museum.

British.—Specifications, 1617–1700, 1751–1800, 1800–1860, 1860–1870, 1870–1880, 1880–1889, 1890 (half-year). Plans to English specifications. Abridgments of specifications. Reference indexes of patentees and inventions. Chronological indexes of patents. Subject-matter indexes of patents. Descriptive indexes of patents. Patent Office Report, 1849–1871. Commissioner of Patents Journal, 1854–1883. Official Journal of the Patent Office. The Illustrated Official Journal of Patents. Reports of patent, design, and trade-mark cases decided by Courts of law in the United Kingdom.

American.—Official Gazette, United States Patent Office, 1872–1879. General index of Official Gazette and monthly volume of patents, 1872–1878. Canadian Patent Office Record.

European.—Patent Blatt (Berlin), 1877, 1878, 1879, 1880, 1881.

South Australia.—Specifications of patents, 1883, 1884, 1885, 1886.

New South Wales.—Specifications of patents, 1866, 1872, 1873, 1874, 1875, 1878, 1879, 1883, 1884. Index to New South Wales letters of registration of inventions from 1854 to 1887. Supplements to the *New South Wales Gazette*.

Victoria.—Specifications of patents, 1870, 1871, 1872, 1880, 1882, 1887, 1890. Supplements to the *Victorian Gazette*.

Queensland.—Specifications of patents, 1889. Supplements to the *Queensland Government Gazette*.

New Zealand.—Specifications of inventions, &c., letters patent, from 1861 to 1879. “The Patents Act, 1889,” with the regulations thereunder, and hints to inventors.

Approximate Cost of Paper.—Preparation, not given; printing (1,400 copies), £19 8s.

By Authority: GEORGE DIDSBURY, Government Printer, Wellington.—1892.

Price, 9d.]

