

1893.  
NEW ZEALAND.

# PATENTS, DESIGNS, AND TRADE-MARKS.

(FOURTH 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, 1892:—

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C. Return of applications for patents in each year from 1861 to 1889, under Acts now repealed.

D. Return of provisional and complete specifications received in 1890, 1891, and 1892 under the Act of 1889.

E. Classified return of applications to register trade-marks during 1890, 1891, and 1892.

F. Nature of inventions for which letters patent have been applied for during 1892.

G. Total number of applications relative to patents, designs, and trade-marks during 1890, 1891, and 1892.

H. List of applications for letters patent in 1892.

I. Return showing the countries and colonies from which applications for letters patent have been received during 1890, 1891, and 1892.

J. Return showing the countries and colonies from which applications for registration of trade-marks have been received during 1890, 1891, and 1892.

K. List of publications in the Patent Office Library.

3. There have been two appeals to the Supreme Court from my decisions in opposed cases. In the first case my judgment was reversed, and in the other it was upheld.

4. Table G shows that the business of the office is steadily increasing. The revenue has also increased, being £1,825 in 1892, as against £1,759 in 1891. The excess of receipts over expenditure is £1,463, as against £1,367 in 1891.

5. I again urge that some, at least, of this surplus revenue should be spent for the benefit and encouragement of inventors, as indicated in previous reports.

6. It will be observed in Table I that applications for letters patent have been received this year from Denmark, Italy, and Japan for the first time under the present Act.

7. For much valuable information relative to the various applications made to the office, I beg leave to refer to the Patent Office Supplement to the *New Zealand Gazette*, published fortnightly.

8. The following countries and colonies have joined the International Convention for the Protection of Patentees' Rights and other purposes: Great Britain, United States, France, Italy, Spain, Portugal, Belgium, Netherlands, Sweden, Norway, Servia, Switzerland, Tunis, San Domingo, Guatemala, Brazil, New Zealand, and Queensland. Under this Convention any person who has secured protection in any one of the contracting States may, without danger of losing his rights through piracy, or prior publication, apply for letters patent in any of the other States within the period of seven months from his first application. Trade-marks are similarly protected for four months. It is hoped that other Australian Colonies will soon join.

9. Arrangements have been made between the Colony of Victoria and this colony for such reciprocal protection.

10. Attention is invited to the remarks and suggestions made in my report of last year, which still hold good.

C. J. A. HASELDEN,

Patent Office, Wellington, 1st May, 1893.

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, 1892.

Received—				£	s.	d.
Patent fees	...	...	...	1,519	14	0
Design fees	...	...	...		5	10
Trade-mark fees	...	...	...	300	2	0
Total				£1,825	6	0

Paid—						£	s.	d.
Salaries	...	...	...	...	...	265	0	0
Other moneys	...	...	...	...	...	54	13	10
Value of printing and stationery from Government Printing Office						42	5	0
Total	...	...	...	...	...	£361	18	10
Credit balance	...	...	...	...	...	£1,463	7	2

B.—STAFF of OFFICERS and SALARIES.						£
Registrar of Patents, Designs, and Trade-marks*	...	...	...	...	...	Nil.
Clerk	...	...	...	...	...	160
Clerk	...	...	...	...	...	110
Total	...	...	...	...	...	£270

\* Also Under-Secretary for Justice.

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
Under Act of 1883	1880	34	46	10	...	24	46	16	...	8	46
	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	138	95	22	37
	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*
1892	207	189	160	50	18*	10*	26*	20*	34*	145*

\* These figures are necessarily incomplete, as the time for proceeding further with the applications has not yet expired. For total number of applications see Table G.

E.—NUMBER of Applications to register Trade-marks, the Number advertised, and the Number registered, in the Fifty different Classes in each of the Years 1890, 1891, and 1892.

Classes.	Classification of Goods.	1890.			1891.			1892.		
		Applied for.	Advertised.	Registered.	Applied for.	Advertised.	Registered.	Applied for.	Advertised.	Registered.
1	Chemical substances used in manufactures, photography, or philosophical research, and anti-corrosives	2	2	1	1	1	2	2	2	2
2	Chemical substances used for agricultural, horticultural, veterinary, and sanitary purposes	3	3	1	4	3	3	10	8	7
3	Chemical substances prepared for use in medicine and pharmacy ..	14	14	6	32	27	20	32	25	24
4	Raw or partly-prepared vegetable, animal, and mineral substances used in manufactures not included in other classes	1	1	1	1	..	..	2	2	1
5	Unwrought and partly-wrought metals used in manufacture ..	2	2	2	3	3	..	1	1	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	3	2	1
7	Agricultural and horticultural machinery, and parts of such machinery	5	5	5	1	1	..	1	1	2
8	Philosophical instruments, scientific instruments, and apparatus for useful purposes; instruments and apparatus for teaching	1	1	1	1	1	..	..	..	1
9	Musical instruments .. .. .	..	..	..	..	..	..	1	1	1
10	Horological instruments .. .. .	..	..	..	..	..	..	2	2	..
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	..	..	..	2	2	1
13	Metal goods not included in other classes .. .. .	2	2	2	5	2	2	4	4	7
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	..	..	..	..	..	..	1	1	..
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	..	1	1	1
23	Cotton-yarn and thread .. .. .	..	..	..	5	5	5	8	8	6
24	Cotton piece-goods of all kinds .. .. .	..	..	..	1	1	1	..	..	..
25	Cotton goods not included in Classes 23, 24, and 38 .. .. .	..	..	..	..	..	..	1	1	1
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	1	1	2
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	1	1	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	..	2	2	2
38	Articles of clothing .. .. .	17	16	7	9	10	15	9	9	8
39	Paper (except paperhangings), stationery, and bookbinding .. .. .	1	1	1	3	2	2	5	5	2
40	Goods manufactured from indiarubber and guttapercha, not included in other classes	..	..	..	..	..	..	..	..	..
41	Furniture and upholstery .. .. .	..	..	..	..	..	..	1	..	..
42	Substances used as food or ingredients in food....	61	61	40	57	51	46	97	82	36
43	Fermented liquors and spirits .. .. .	15	15	11	38	31	24	22	29	29
44	Mineral and aerated waters, natural and artificial, including ginger-beer	3	3	2	10	10	7	7	5	6
45	Tobacco, whether manufactured or unmanufactured .. .. .	10	10	7	17	14	10	22	22	16
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	19	14	11
48	Perfumery (including toilet articles), preparations for the teeth and hair, and perfumed soap	4	4	2	9	7	2	9	10	12
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	24	20	15

For the total number see Table G.

## F.—NUMBER and Nature of Letters Patent applied for in New Zealand during the Year 1892.

Nature of Invention.	Number of Applications.	Nature of Invention.	Number of Applications.	Nature of Invention.	Number of Applications.
Advertising .. ..	3	Friction-clutch .. ..	1	Quadrant .. ..	1
Aërated waters .. ..	1	Fuel .. ..	2	Rabbits, &c., exterminating ..	6
Amalgamating .. ..	11	Furnaces .. ..	2	Racing, starting and timing ..	1
Amusements .. ..	8	Furniture .. ..	10	Railways .. ..	9
Bale-ties .. ..	1	Gaff .. ..	1	Reaping and binding .. ..	9
Ballot-box .. ..	1	Gas-cock .. ..	1	Recording .. ..	3
Barbed wire .. ..	2	Gate .. ..	1	Rivet .. ..	1
Barrels, emptying .. ..	1	Gear, driving .. ..	3	Ruts, filling .. ..	1
Barrow .. ..	1	Gold, obtaining .. ..	25	Safe .. ..	1
Bass, manufacturing .. ..	1	Grass-cutting .. ..	1	Sashes, hanging .. ..	3
Bicycles and tricycles .. ..	4	Grinding and sharpening .. ..	2	Scarifiers .. ..	2
Blind .. ..	1	Gripper .. ..	1	Screw-conveyor .. ..	1
Blind-roller .. ..	1	Grubber .. ..	3	Seed-canister .. ..	3
Blotters .. ..	3	Guns .. ..	2	Seed, dressing .. ..	10
Blowers .. ..	3	Hair of animals, cleansing .. ..	2	Seed-hopper .. ..	1
Boilers, steam .. ..	5	Harness .. ..	7	Separating materials .. ..	6
Bolts and nuts .. ..	5	Harrows .. ..	3	Sewage, purifying .. ..	1
Books .. ..	1	Heating .. ..	5	Sewing-machines .. ..	3
Boots and shoes .. ..	10	Horse-cover .. ..	1	Shearing and clipping .. ..	13
Bottles and bottling .. ..	3	Horse-shoes .. ..	2	Sheep-dip .. ..	1
Boxes .. ..	7	Horse-throat-protector .. ..	2	Sheep-feeding .. ..	1
Branding .. ..	3	Illuminating .. ..	7	Smoke, prevention or consumption of ..	1
Brewing .. ..	4	Index .. ..	2	Solvent .. ..	1
Brick-and-tile machines .. ..	2	Indicating apparatus .. ..	2	Sound, deadening .. ..	1
Brooms and brushes .. ..	2	Ironsand, treating .. ..	2	Spark-arrester .. ..	1
Building material .. ..	1	Jets .. ..	2	Spout for teapots .. ..	1
Buildings, protecting .. ..	4	Kauri-gum, cleaning .. ..	1	Stands for buckets, casks, &c. ..	8
Butter-printers, workers, &c. ..	8	Kauri-gum, manufacturing ornaments from ..	1	Steam, generating .. ..	1
Calculating .. ..	2	Kauri-gum, obtaining .. ..	4	Stereotype matrices, producing ..	1
Carving-fork .. ..	1	Kilns .. ..	2	Stones, collecting .. ..	1
Cash-railways .. ..	3	Knee-pads .. ..	2	Stump-extractors .. ..	2
Cattle-piercer .. ..	1	Lamps, lighting and extinguishing ..	1	Surveyor's staff .. ..	1
Caustic soda, manufacturing .. ..	1	Land, levelling .. ..	1	Syrups, concentrating .. ..	1
Cement, manufacturing .. ..	1	Leather, manufacturing .. ..	1	Tank .. ..	1
Chamber .. ..	1	Levers .. ..	2	Tanning extract .. ..	2
Chimney-top .. ..	4	Life, protecting and saving .. ..	2	Target .. ..	1
Chlorine, obtaining .. ..	2	Lifts or elevators .. ..	2	Tea-mixer .. ..	1
Cigarette-machines .. ..	6	Liquids, dispensing .. ..	3	Telegraphy .. ..	1
Cleaning and polishing .. ..	7	Loading vehicles .. ..	1	Telephone .. ..	1
Clothes-peg .. ..	2	Locks and latches .. ..	5	Thatch, sewing .. ..	1
Clothing .. ..	4	Looms .. ..	1	Threshing .. ..	6
Closets .. ..	2	Measuring .. ..	1	Ticket .. ..	1
Coal briquettes .. ..	1	Medicines .. ..	5	Tins, opening .. ..	1
Coin-freed apparatus .. ..	4	Medicine, administering .. ..	1	Tomato powder, &c. ..	1
Compounds for use as moulds, &c. ..	1	Metal cans, manufacturing .. ..	1	Tools .. ..	8
Concrete-mixer .. ..	1	Metals, separating .. ..	40	Totalisator .. ..	2
Cooking apparatus .. ..	3	Milking .. ..	4	Toys .. ..	1
Cooling and freezing .. ..	8	Milk-cans .. ..	2	Traps .. ..	5
Copying-presses .. ..	3	Milk, condensing .. ..	1	Tree-falling .. ..	3
Cornice .. ..	1	Milk-strainer .. ..	1	Trough .. ..	1
Couplings .. ..	8	Motors and motive-power mechanism ..	22	Turnips, cultivating .. ..	2
Cradle-rocker .. ..	1	Moustache-guard .. ..	1	Type-setting .. ..	1
Cutting and sawing .. ..	5	Musical instruments .. ..	3	Valves .. ..	3
Cyanides, manufacturing .. ..	1	Nails .. ..	2	Vehicles .. ..	25
Dag-crusher .. ..	1	Nozzle .. ..	1	Vending .. ..	1
Diving .. ..	1	Oils, &c., solidifying .. ..	1	Ventilating .. ..	9
Drains and draining .. ..	2	Ores, treating .. ..	26	Vessels .. ..	3
Dredging .. ..	4	Paint .. ..	1	Vessels for meat, &c. ..	2
Drills .. ..	6	Paper and envelope .. ..	1	Visiting-cards, receptacle for ..	1
Eggs, testing .. ..	1	Paper boxes, manufacturing .. ..	1	Washing .. ..	13
Electric machines .. ..	15	Paper machines .. ..	3	Water-velocipede .. ..	1
Engines .. ..	24	Pavements .. ..	1	Weighing .. ..	1
Explosives .. ..	2	Pen .. ..	1	Well-sinking .. ..	1
Extracting coke, &c. ..	1	Phonograph .. ..	1	Whales, &c., catching .. ..	2
Fencing .. ..	8	Photographs, preserving .. ..	1	Wheat, treating .. ..	1
Fibre-dressing .. ..	11	Photography .. ..	1	Wheels .. ..	3
Filters .. ..	3	Pipes, tobacco .. ..	1	Whisks .. ..	1
Fire-escape .. ..	1	Ploughs .. ..	5	Windmill .. ..	1
Fire-extinguishing .. ..	1	Portmanteaux, manufacturing .. ..	1	Wire, coiling and running out ..	1
Fire-grate .. ..	1	Potato harvesters .. ..	2	Wire strainers .. ..	6
Fire-lighting .. ..	1	Preserving .. ..	6	Wire-working machines .. ..	5
Fire-screen slide .. ..	1	Presses .. ..	4	Womb-retainer .. ..	1
Fish-catching .. ..	2	Printing .. ..	1	Wood, decorating .. ..	1
Flax, utilising pulp from .. ..	1	Protractor .. ..	1	Wood linoleum .. ..	1
Flooring .. ..	2	Pumps .. ..	6	Wool, drying, &c. .. ..	5
Food .. ..	2			Wreck-raising .. ..	4
Fraud with cheques, &c., prevention of ..	1				

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, for which see Table G.

G.—TOTAL NUMBER of Applications for Patents, and Registration of Designs and Trade-marks, for the Years 1890, 1891, and 1892.

Year.	Patents.	Designs.	Trade-marks.	Total.
1890	616	5	160	781
1891	589	4	225	818
1892	606	10	290	906

H.—LIST of APPLICATIONS for LETTERS PATENT during the Year 1892.

NOTE.—An asterisk (\*) denotes that a provisional specification has been filed with the application.

5368. 5th January. JOHN SMAILL, of Leith Street, Dunedin, New Zealand, Mechanical Engineer.—An invention for improved potato-harvester.\*
5369. 5th January. ROBERT CREASER, of Toowoomba, Queensland, Flour-miller.—An invention for improvements in machinery for separating or dressing flour, middlings, semolina, grain, seeds, or other dry granular or pulverulent substances.
5370. 5th January. ALFRED BUCKINGHAM IBBOTSON, of the Villa Ibbotson, Florence, Italy, Merchant, at present residing at the Royal Victoria Hotel, Sheffield, England.—An invention for improvements relating to nails chiefly designed for railroad ties.
5371. 5th January. MATHEW REID, of Frederick Street, Newcastle, New South Wales, and JAMES BOWDITCH, of 116, Darby Street, Newcastle aforesaid, Engineers.—An invention for an improved rotary engine.
5372. 5th January. PARNELL RABBIDGE, of Sydney, New South Wales, Electrician.—An invention for improvements in telephones.
5373. 5th January. WILLIAM JOHN MARTIN, of Narridy, South Australia, Blacksmith.—An invention for improvements in the construction of reversible scarifier shares, and the method of attaching the same to the tine or foot.\*
5374. 5th January. HUGH THOMSON, of "Thornton," Studley Park Road, Kew, near Melbourne, Victoria, Tanner.—An invention for improvements in and relating to sheep-shearing machines and driving-gear therefor.
5375. 4th January. ALEXANDER JOYCE, of Christchurch, New Zealand, Clerk.—An invention for apparatus for submarine exploration or for directing submarine operations at depths which have hitherto been inaccessible to divers.
5376. 6th January. WILLIAM WRIGHT, JULIUS HIRSCHFELD, ANDREW PATTERSON MORISON, and WILLIAM MORISON, of 165, Broadway, New York, United States of America, Merchants.—An invention for improvements in light-protectors for lamps. (J. L. Somoff.)
5377. 6th January. JOHN HORNING, of Port Macquarie, New South Wales, Timber-squarer.—An invention for improvements in sheep-shears.
5378. 8th January. DANIEL PATRICK MCKAY ABERDEEN, of Mirboo North, South Gippsland, Victoria, Inventor.—An invention for an improved combined butter-printing and -gauging machine.\*
5379. 8th January. THOMAS WEMYSS JUST, of Palmer Street, Fitzroy, Victoria, Hydraulic Engineer.—An invention for an improved method of and breech apparatus to be used in loading guns of heavy ordnance.\*
5380. 5th January. ANDREW GRAY, of Remuera, Auckland, New Zealand, Clerk.—An invention for improvements in and relating to the mixing, amalgamating, or treatment of auriferous and other ores or materials.\*
5381. 13th January. DR. JOHN STORER, of Sydney, New South Wales, and WALTER MARSH, of Broken Hill, New South Wales, Chemists.—An invention for improvements in the treatment of sulphide ores and in the extraction of the metals therefrom.
5382. 13th January. 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 friction clutches and friction clutch-couplings.
5383. 13th January. 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 valves for hydraulic elevators and for other purposes.
5384. 13th January. 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.
5385. 13th January. 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 crushing-mills.
5386. 11th January. ROBERT AUSTIN, of Sydney, New South Wales, Miller.—An invention for giving reciprocating motion to valves of engines or other machinery, and entitled "Robert Austin's Improved Reciprocating Valve-motion."
5387. 13th January. JOHN CORBETT, of Dunedin, New Zealand, Plumber.—An invention to be called "Corbett's Patent Cowl and Ventilator."
5388. 14th January. JOHN GIBBONS, of Queen Street, Thames, New Zealand, Engineer.—An invention for digging, lifting from the ground, grading into sizes, and placing in rows potatoes ready for bagging.\*

5389. 16th January. SAMUEL BROWN, of Wellington, New Zealand, Merchant.—An invention for improvements in apparatus for washing and separating gold and some other minerals and substances.\*
5390. 16th January. JOHN HENRY GEDDES, Managing Director of the Pastoral Finance Association (Limited), Sydney, New South Wales.—An invention for an improved machine sheep-shear. (T. O. Bennett.)
5391. 16th January. WILLIAM ARNOLD THOMAS, of 203, Gloucester street, Christchurch, New Zealand, Accountant.—An invention for a new or improved portable copying-press.\*
5392. 15th January. JAMES FREYBERG, of Percival Street, Wellington, New Zealand, Surveyor, &c.—An invention to be called "The Universal Solid Wood Mosaic Tile Flooring."
5393. 21st January. JAMES TROUP, of Crown Iron-works, Christchurch, New Zealand, Mechanical Engineer.—An invention for the manufacturing of "Troup's Improved Roofing-nail" for corrugated iron and some other purposes.
5394. 23rd January. JOHN VIRTUE RICE, Jun., of Edgewater Park, New Jersey, United States of America, Mechanical Engineer.—An invention for improvements in and relating to steam-engines and more particularly to direct-acting steam-engines.
5395. 23rd January. HERBERT AKROYD STUART, of Bletchley Iron and Tin-plate Works, Bletchley, Buckingham, England, Mechanical Engineer, and CHARLES RICHARD BINNEY, of 5, Hackney Road, London, England, Consulting Engineer.—An invention for improvements in or connected with engines operated by the explosion of mixtures of combustible vapour or gas and air.
5396. 23rd January. EDWARD WATERS, of No. 131, William Street, Melbourne, Victoria, Patent Agent.—An invention for improvements in grain-binders. (A. Stark.)
5397. 25th January. HERBERT THOMAS HAMILTON, of 14, Clifton Street, Prahran, Melbourne, Victoria, Carpenter and Joiner, and JOSEPH CURTES LEMKEN, of Carpenter Street, North Brighton, Melbourne aforesaid, Builder and Contractor.—An invention for improved earth, water, bedroom-commode, or other privy closet, double seats.\*
5398. 22nd January. ISABELLA OGILVIE, wife of JOHN OGILVIE, of Wai-iti Road, Timaru, New Zealand.—An invention for cleansing clothes, "Excelsior Washing-fluid."\*
5399. 25th January. WILLIAM HUGH CALLISTER, of Cope Cope, Victoria, Schoolmaster.—An invention for an improvement in the manner of fitting buildings in order that fires may be readily extinguished.\*
5400. 25th January. ANDREW MURIE GRAINGER, of Palmerston North, New Zealand, Contractor.—An invention for a machine designated as "Grainger's Soft-rock Boring-machine."\*
5401. 26th January. HEINRICH KASPER BECKER, of Grenfell Street, Adelaide, South Australia, Engineer.—An invention for an improved method of preserving eggs.
5402. 26th January. FRITZ HEINRICH STECHER, of Sydney, New South Wales, Merchant.—An invention for improvements in liquid hydrocarbon gas-motors, and in the mode of and apparatus for producing and supplying gas to the same.
5403. 26th January. PHILIP WOODGATE MASON, of Park Street, Wellington, New Zealand, Student.—An invention for starting and timing races, to be known as "Mason's Automatic Race-timer."\*
5404. 26th January. PERCIVAL EVERITT, of 47, Cannon Street, London, England, Engineer.—An invention for improved apparatus for automatically lighting and extinguishing street- and other gas-lamps.
5405. 23rd January. FRANK CURTIS, of Taunton Terrace, Dunedin, New Zealand, Manufacturer.—An invention for a liquid polish for silver, gold, tin, and brass, to be called "Frank Curtis's Eclipse Liquid Polish."
5406. 23rd January. CHARLES MCLEOD, of Melbourne, Victoria, Manufacturer's Agent.—An invention for an improvement in the construction of reapers and binders.\*
5407. 29th January. ISAIAH FAKE, of Adelaide Road, Wellington, New Zealand, Contractor.—An invention for a new or improved material for deadening sound in buildings, and rendering buildings fireproof.\*
5408. 28th January. THOMAS HUME AUSTIN, Pattern-maker, and CHARLES THOMAS HODGES, Plumber, both of Dunedin, New Zealand.—An invention for an improvement in water- and steam-regulating and stop-valves, and entitled "Austin and Hodges' Improved Equilibrium Valve."
5409. 29th January. WILLIAM BENJAMIN WALTERS, of Dunedin, New Zealand, Engineer.—An invention for the reduction of antimony-ore and the recovery of metals and residuals therefrom by a continuous process.
5410. 29th January. HENRY DURAND, of Timaru, New Zealand, Gunsmith.—An invention for an improved method of oiling carriage and other axles, named "Durand's Oil-valve Carriage-cap."
5411. 3rd February. JOSEPH COLIN FRANCIS JOHNSON, of Pirie Street, Adelaide, South Australia, Mining Agent.—An invention for an improved incombustible lamp-wick.
5412. 1st February. WHITWORTH RUSSELL, of Wanganui, New Zealand, Commission Agent.—An invention for an improved method in battening wire-fencing, to be called "Russell's Rapid Wire-fence Batten."
5413. 29th January. HUGH BARTON MURRAY, of Matura, Otago, New Zealand, Engine-driver.—An invention to be called "Murray's Self-feeding Paper-machine," for feeding single sheets of paper into paper-bag machines, printing presses, or other similar machines.
5414. 29th January. ROBERT COCKERELL, of Invercargill, New Zealand, Blacksmith.—An invention entitled "R. Cockerell's Replaceable Double-bottom Swivel-buckets," for gold-dredging and other purposes.

5415. 29th January. ROBERT COCKERELL, of Invercargill, New Zealand, Blacksmith.—An invention entitled "R. Cockerell's Adjustable Jointed Undercut Disc-harrows," for cultivating and drilling, turnip-thinning, and other purposes.
5416. 5th February. JAMES ALEXANDER MCKENZIE, of Masterton, New Zealand, Telegraph Lineman.—An invention entitled "McKenzie's Angle-pole Tension-reliever."
5417. 5th February. BENJAMIN CROCKER CROSS, of Tingley, Yorkshire, England, Civil Engineer, and DANIEL CROSS, of St. Germans, Cornwall, England, Gentleman.—An invention for improvements in stoppering bottles, jars, and like vessels, and in apparatus therefor.
5418. 5th February. WILLIAM DUNSMORE BOHM, of 5, Cumberland Villas, Chiswick, Middlesex, England, Metallurgical Chemist and Engineer.—An invention for improvements in, and apparatus for, the separation of gold and silver, or either of them, from ores or materials containing them.
5419. 5th February. JOSHUA ALEXANDER KAY, of Crofthead Villa, Balwyn, Victoria, Consulting Mechanician.—An invention for improvements in machinery for setting type.
5420. 8th February. EDWARD READING, Dentist, and ARTHUR RIGBY, Civil Engineer, both of Sydney, New South Wales.—An invention for an improved amalgamator and separator for recovering the precious metals from their ores.
5421. 8th February. THE WOLSELEY SHEEP-SHEARING MACHINE COMPANY (LIMITED), whose registered office is at Sun Court, Cornhill, London, England.—An invention for improvements in overhead gear for driving flexible shafting, particularly applicable to sheep-shearing machinery. (H. Austin.)
5422. 8th February. THE WOLSELEY SHEEP-SHEARING MACHINE COMPANY (LIMITED), whose registered office is at Sun Court, Cornhill, London, England.—An invention for improvements in flexible couplings or joints for toothed-wheel gearing. (H. Austin.)
5423. 8th February. THE WOLSELEY SHEEP-SHEARING MACHINE COMPANY (LIMITED), whose registered office is at Sun Court, Cornhill, London, England.—An invention for improvements in sheep-shearing machines. (H. Austin.)
5424. 11th February. WILLIAM BEARD LAKE, of Rayne, Essex, England, Engineer.—An invention for improvements in machines for sewing thatch.
5425. 13th February. WILLIAM WALKER FYFE, of 41, Hillside Road, Stamford Hill, London, N., England, Hydraulic Engineer.—An invention for improvements in amalgamating apparatus for crushed ores and like reduced bodies.
5426. 13th February. ROBERT BOYLE, of 64, Holborn Viaduct, London, England, Engineer.—An invention for improvements in ventilators.\*
5427. 12th February. JOHN FOSTER, of Oamaru, New Zealand, Bootmaker.—An invention for cleaning boots, to be called "Foster's Circular-brush Machine."
5428. 13th February. HARCOURT INNES PATON, of Auckland, New Zealand, Artist in Kauri-gum.—An invention for an improved method of manufacturing ornaments and ornamental pictures from kauri-gum.
5429. 17th February. JAMES CLARENDON RAMSBOTTOM ISHERWOOD, of Palmerston North, New Zealand, Retired Military Officer.—An invention for a machine for shearing sheep and some other animals, to be called "The Isherwood Sheep-shearing Machine."\*
5430. 15th February. GEORGE SARGENT JAKINS, of Blyth's Road, Papanui, New Zealand, Grain Merchant.—An invention of a box for the packing of chilled or frozen butter.\*
5431. 15th February. ALEXANDER BURT, of Cumberland Street, Dunedin, New Zealand, Metal Merchant.—An invention for a brine-pump, to be called "Burt's Compressed-air Brine-pump," for preserving and pickling any kind of meat.
5432. 16th February. GEORGE PIDDINGTON, of Smith Street, Caversham, New Zealand, Carpenter.—An invention for improvements in rim-locks and latches, to be known as "Piddington's Stapleless Lock."
5433. 19th February. HANS JACOB ANDERSON and FRANK BROWN FARGO, of the Village of Lake Mills, Wisconsin, United States of America, Manufacturers.—An invention for improvements in butter-workers.
5434. 19th February. THE ST. CROIX MANUFACTURING COMPANY, of Hudson, United States of America.—An invention for improvements in, and relating to, needles for use in sewing-machines.
5435. 19th February. WILLIAM REID, of Smith Street, Caversham, New Zealand, Ironmonger.—An invention for testing the quality of eggs, to be called "The Presto Egg-tester and -timer."
5436. 24th February. GEORGE SPARLING and FREDRICK CHARLES SOLOMON, of Sydney, New South Wales, Engineers.—An invention for an improved lock or fastener for securing window-sashes.
5437. 24th February. GEORGE SPARLING and FREDRICK CHARLES SOLOMON, of Sydney, New South Wales, Engineers.—An invention for an improved apparatus for use in cars for indicating stopping-places. (J. W. Allison.)
5438. 18th February. FRED BROWN, of Ponsonby Road, Auckland, New Zealand, Blind-manufacturer.—An invention entitled "Brown's Patent Fastener," for holding music-stool seats in any required position (or other articles).\*
5439. 20th February. HENRY WILLIAM LOVEGROVE, of Gapes Valley, Geraldine, Canterbury, New Zealand, Farmer. An invention for the string-acting knotter for reaping and binding machines.\*
5440. 24th February. WILLIAM SERCOMBE and JAMES OSMAN, both of Poole, England, Manufacturers.—An invention for improvements in brick-burning kilns.
5441. 24th February. CHRISTIAN KOERSTZ, of Balmain, near Sydney, New South Wales, Mechanical Engineer, and FREDERICK MASON, of Sydney aforesaid, Implement Importer.—An invention for an improved pump.

5442. 24th February. WALTER MORRISON, of Sydney Road, Brunswick, Victoria, Bootmaker.—An invention for improvements in stands for supporting the wooden lasts used in manufacturing boots and shoes.\*
5443. 25th February. WILLIAM JOY, of Snodland, England, Cement-burner.—An invention for improvements in and connected with the manufacture of cement, and apparatus for use therein.
5444. 25th February. JAMES BALLANTYNE HANNAY, of Cove Castle, Loch Long, Scotland, Chemical Engineer.—An invention for improvements in extracting precious metals from ores or minerals containing them, and apparatus for that purpose.
5445. 25th February. WILLIAM HENRY HARRISON, of No. 94, Darlinghurst Road, Sydney, New South Wales, Metallurgist.—An invention for an improved horizontally-oscillating circular table amalgamating and concentrating machine, for treating auriferous and other metalliferous material.
5446. 25th February. THOMAS GEORGE DAW, Newspaper Proprietor and Publisher, and HILDER DAW, Printer and Publisher, both of Quaker's Hall, Seven Oaks, Kent, England.—An invention for improvements in machines for producing stereotype matrices and typewriting, in the manufacture of type for such matrices, and in the preparation of material to form matrices or moulds.\*
5447. 26th February. JOHN BELK and ARTHUR PARR, both of Feilding, New Zealand, Coach-builders.—An invention for constructing four-wheeled vehicles so that they can be driven round sharp corners safely.\*
5448. 26th February. HAROLD JAMES AUGUSTUS PYKE, Commission Agent, and GEORGE RAINEY, Accountant, both of Auckland, New Zealand.—An invention for a suctional dasher washing-machine.
5449. 27th February. HENRY EDWARD ARTHUR MINCHIN and HENRY O'HARA, both of Waddington, Canterbury, New Zealand, Farmers.—An invention for a protector for throats of horses or other similar animals, to be called "The Last Chance Horse Throat-protector."
5450. 29th February. ROBERT WILLIAM MILLAR, of Raynham Station, Aylesbury, New Zealand, Farmer.—An invention for an improvement in adjusting and balancing two-wheeled vehicles.\*
5451. 1st March. WILLIAM CABLE, of Wellington, New Zealand, WILLIAM G. LODDER, of Petone, New Zealand, and WILLIAM M. MOWATT, of Wellington aforesaid, Engineers.—An invention for Cable, Lodder, and Mowatt's improved method of circulating air in freezing-chambers, cold-stores, and ship's holds in connection with dry-air freezing-machines.\*
5452. 26th February. WILLIAM THOMAS CORBETT, of Winton, New Zealand, Wheelwright.—An invention entitled "Corbett's Convertible Seats for Vehicles."
5453. 5th March. GEORGE ALONZO EVERETT, of Lincoln's Inn Fields, London, England, Engineer.—An invention for improvements in machinery or apparatus for effecting the complete mixture of inflammable gas or vapour with air.
5454. 5th March. THOMAS SALMON, of No. 30, King William Street, Fitzroy, near Melbourne, Victoria, Gentleman.—An invention for an improved trap for catching rabbits and other animals.\*
5455. 2nd March.—WILLIAM HARROP, of Oliphant Street, Ponsonby, Auckland, New Zealand, Settler.—An invention for an improved toy.\*
5456. 2nd March. THOMAS FALVEY, of Christchurch, New Zealand, Engineer.—An invention for an automatic total-registering machine.
5457. 2nd March. SARAH ANN RAYNER, of Ngunguru, Auckland, New Zealand, Widow (Executrix of the late Robert Rayner, Engineer).—An invention for regulating the speed of marine engines, to be called "Rayner's Patent Governor for Marine Engines."
5458. 2nd March. WALTER HAYDON BURTON, of Melrose, Devonport, Auckland, New Zealand, Machinist.—An invention for the non-exhausting air- or water-engine.
5459. 4th March. BENJAMIN OLLERENSHAW, of Victoria Street, St. Clair, Otago, New Zealand, Machinist.—An invention entitled "The Paragon Butter-print."
5460. 7th March.—JOHN BARTHOLOMEW, of Feilding, New Zealand, Saw-mill Proprietor.—An invention for a sixth-wheel cross-action gear for vehicles. (Refused.)
5461. 8th March. EDWARD SAMUEL BOND, of Crown Machine-works, Lower Hurst Street, Birmingham, England.—An invention for a new or improved automatic detector stop-motion for wire-netting and other wire-working machines.
5462. 8th March. JAMES SIMCOE FITZMAURICE, of Sydney, New South Wales, Electrical Engineer.—An invention for an improved auto-calorific branding-tool.
5463. 5th March. THOMAS COTTLE, of Remuera, Auckland, New Zealand, Author.—An invention for the firmer fixing of the handles in the heads of axes, hatchets, tomahawks, hammers, and all tools where the handle is inserted into a hole in the head of the tool, to be called "The Grip-handle Fixing."
5464. 9th March. HOLMES SAMUEL CHIPMAN, of No. 29, William Street, Melbourne, Victoria, Merchant.—An invention for an improved sheaf-carrier for reaping-and-binding machines. (D. Edwards.)
5465. 7th March. THOMAS WILLIAM QUELCH HONEYWILL, of Hokitika, New Zealand, Brewer.—An invention for a combined gyle and automatic cleanser as a more convenient and better method for fermenting and cleansing ale and porter.\*
5466. 7th March. WILLIAM HENRY CUTTEN, of Dunedin, New Zealand, Engineer.—An invention for a tumbler for a gold-dredging machine.\*
5467. 7th March. WILLIAM HENRY CUTTEN, of Dunedin, New Zealand, Engineer.—An invention for a ladder-roller for a dredge-ladder.\*
5468. 18th March. BENJAMIN COCKSHUTT FRYER, of Spencer Street, St. Kilda, Melbourne, Victoria, Agent.—An invention for improvements in the heels of boots and shoes.\*



5469. 18th March. BENJAMIN COCKSHUTT FRYER, of Spencer Street, St. Kilda, Melbourne, Victoria, Agent.—An invention for improvements in the heels of boots and shoes.\*
5470. 18th March. EDWARD MORDAUNT MURLEY, of Patea, Taranaki, New Zealand, Settler.—An invention for an improvement in metal standards for wire-fencing and similar purposes.
5471. 18th March. HORACE FOWLER BROWN, of West Broadway, Butte, Montana, United States of America, Mechanical Engineer.—An invention for improvements in and relating to ore-roasting furnaces.
5472. 18th March. ELEANOR LOTINGA, of Ely, near Cardiff, Glamorganshire, England, Gentlewoman.—An invention for improvements in the construction of go-carts, dog-carts, and other like vehicles, whereby they are rendered convertible from one form of vehicle into another.
5473. 18th March. GEORGE THOMAS BEILBY, of St. Kitts, Slateford, Midlothian, North Britain, Chemical Engineer.—An invention for process and apparatus for the manufacture of cyanides.
5474. 15th March. WILLIAM GLAISTER, of Dunedin, New Zealand, Coachbuilder.—An invention for improvement in two-wheeled vehicles.
5475. 18th March. FREDERICK SAVAGE, Engineer, JOHN HENRY ASHWORTH, Settler, and JAMES BAIRD PRINGLE, Butcher, all of Feilding, Wellington, New Zealand.—An invention for improved methods for saving fuel in working engines.
5476. 19th March. WILLIAM KRAMER, of 34, Queen Street, Woollahra, New South Wales, Gentleman.—An invention for the destruction of noxious animals, such as rabbits and native dogs, entitled "Kramer's Self-acting Apparatus for the Destruction of Noxious Animals, such as Rabbits, Native Dogs, Wolves, and suchlike."
5477. 20th March. JOHN DRENNAN CURTIS, of Worcester, Massachusetts, United States of America, Manufacturer.—An invention for barbed wire.
5478. 22nd March. HENRY MACE, of Gray Street, East Melbourne, Victoria, Merchant, ARTHUR GEOFFREY EAGAR, of No. 70, Queen Street, Melbourne aforesaid, Accountant, and WILLIAM GEORGE BAUMANN, of Queen's Walk, Swanston Street, Melbourne aforesaid, Stationer.—An invention for an improved method of, and matters to be employed in, the manufacture of coal briquettes.\*
5479. 17th March. ROBERT COCKERELL, of Invercargill, New Zealand, Blacksmith.—An invention entitled "R. Cockerell's Improved Speed and Power Tree- and Stump-extractors."
5480. 23rd March. STEWART NICHOLSON, of Bombie Farm, near Kirkcudbright, Scotland, Farmer, and JOHN GRAY, of 65, George Street, Stranraer, Scotland aforesaid, Dairy-implement Manufacturer.—An invention for improvements in and relating to milking-machines and their fittings.
5481. 23rd March. THOMAS OBBINSON, of Mentone, near Melbourne, Victoria, Agent.—An invention for an improved method of, and apparatus for, advertising.
5482. 24th March. JAMES HOWARD PARKINSON, of Stretford, Lancaster, England, Gas Engineer.—An invention for method of, and apparatus for, converting heat into work.
5483. 24th March. ALEXANDER WURTS, of Pittsburg, Pennsylvania, United States of America, Electrician.—An invention for improvements in apparatus for relieving electrical circuits from static charges of electricity.
5484. 26th March. WILLIAM FERGUSON, of Townsville, Queensland, Photographer.—An invention for improvements in washing-machines.
5485. 29th March. THOMAS FLETCHER and ALFRED CLARE, both of Thynne Street, Warrington, Lancaster, England, Manufacturers of Gas Apparatus.—An invention for improvements in gas-ovens and gas-ranges.
5486. 29th March. JOHN JACOB WEICHER, of Chicago, United States of America, Engineer.—An invention for improvements in machines for extracting fibre from fibrous plants.
5487. 29th March. JAMES CLEGHORN, Tanner, and JOHN ALFRED COLLINS, Engineer, both of Glendernid, Port Chalmers, New Zealand, and GRANT PRESTON FARQUHAR, of Dowling Street, Dunedin, New Zealand, Leather Merchant.—An invention for improvements in steam-boiler furnaces.
5488. 29th March. GEORGE HENRY THORNTON, of Manners Street, Wellington, New Zealand, Confectioner.—An invention for an improved token for working automatic slot-machines, and method of actuating the same.\*
5489. 29th March. FRANCIS TEAGUE, of the Acme Electric Works, Ferdinand Street, Chalk Farm, London, England, Electrical Engineer.—An invention for improvements in electricity-meters.
5490. 30th March. CHARLES BURGON and HARRY BURGON, both of Malin Bridge, near Sheffield, England, Sheep-shear Manufacturers.—An invention for improvements in apparatus for shearing or clipping sheep or other animals.
5491. 30th March. CHARLES BURGON and HARRY BURGON, both of Malin Bridge, near Sheffield, England, Sheep-shear Manufacturers.—An invention for improved apparatus for grinding or sharpening sheep-shearing machines.
5492. 30th March. ROMULUS NORWOOD, of 30, De Crespigny Park, Denmark Hill, Surrey, England, Manufacturer.—An invention for the manufacture of improved compounds for coating walls and other surfaces, and for the production of casts or mouldings, and for analogous purposes.
5493. 30th March. THOMAS ROWLAND JORDAN, of London, England, Engineer.—An invention for improvements in machinery or apparatus for the extraction of gold and silver from their ores by amalgamation.
5494. 30th March. THOMAS ROWLAND JORDAN, of London, England, Engineer.—An invention for an improved apparatus for crushing or pulverising ores and other substances.

5495. 25th March. HUGH BARTON MURRAY, of Mataura, New Zealand, Engine-driver.—An invention for "The Eureka Paper-bag Machine."
5496. 1st April. ROBERT MARTIN, of Wellington, New Zealand, Painter.—An invention entitled "Martin's Fire-escape."
5497. 30th March. THOMAS JEFCOATE HARBUTT, of Victoria Street East, Auckland, New Zealand, Corn-broom Manufacturer.—An invention entitled "Harbutt's Connecting Joint for Belting-gear, Rods, or other like Requirements."\*
5498. 2nd April. WILLIAM SINCLAIR, of Springlands, Marlborough, New Zealand, Plasterer.—An invention for a new kind of building material, to be called "The Patent Cavity Block."
5499. 7th April. BENJAMIN COCKSHUTT FRYER, of Spencer Street, St. Kilda, Melbourne, Victoria, Agent.—An invention for an improved paper and envelope combination.\*
5500. 7th April. FREDERICK JOHN CLARIDGE, of 159, Queen Street, Melbourne, Victoria, Merchant.—An invention for an improved ventilated collapsible fruit-case.\*
5501. 7th April. HENRY PARKINSON and ARTHUR DUDLEY DOBSON, of Warnambool, Victoria, Engineers, and EDWARD ASHTON LISTER, of Dursley, Gloucestershire, England, temporarily residing at the South Melbourne Coffee Palace, Albert Park, near Melbourne, Victoria aforesaid, Manufacturer.—An invention for an improved coupling for connecting shafts or poles to vehicles.
5502. 7th April. CHRISTIAN KOERSTZ, of Balmain, near Sydney, New South Wales, Mechanical Engineer, and FREDERICK MASON, of Sydney aforesaid, Implement Importer.—An invention for improvement in presses for wool and such like.\*
5503. 7th April. FRANK ANDERSON TEBBUTT, of Elizabeth Street, Melbourne, Victoria, Merchant.—An invention for an improved self-clinching bolt.\*
5504. 7th April. PARNELL RABBIDGE, of Sydney, New South Wales, Electrician.—An invention for an improved electro-magnetic alarm or call.
5505. 7th April. JANE MARSLAND, of Mary Street, Leichardt, Sydney, New South Wales, Lady.—An invention for a device for the prevention of fraud with cheques, drafts, bills of exchange, and similar documents.\*
5506. 8th April. JOHN TONNER KELLY, of 40, Queen's Parade, North Fitzroy, Melbourne, Victoria, Blacksmith.—An invention for improved means for raising sunken vessels.\*
5507. 14th April. DONALD ARCHIBALD DOUGLAS, of Blenheim, New Zealand, Architect.—An invention for a celluloid pen, to be known as "The Douglas Celluloid Pen."
5508. 19th April. ALEXANDER ABERDEEN BLACKMAN, of 11, Jane Street, Balmain, Sydney, New South Wales, Mining Engineer.—An invention for an improved amalgamator.
5509. 19th April. HENRY CLAY NYE, of Syracuse, New York, United States of America, Machinist.—An invention for device for preventing the incrustation of steam-boilers.
5510. 19th April. ALFRED BOSSOMAIER, of 47, Cimitiere Street, Launceston, Tasmania, Honorary Commissioner for Austria and Germany at the Tasmanian Exhibition.—An invention for a new or improved coin-freeed automatic contrivance for panoramas or dioramas.\*
5511. 19th April. WILLIAM DONALD, of Winton Circus, Saltcoats, Ayr, Scotland, Technical Chemist.—An invention for improvements in obtaining chlorine.
5512. 19th April. JOHN WALKER NEWALL, of Forest Hall, Ongar, Essex, England, Engineer.—An invention for an improved apparatus for clipping hair or wool.\*
5513. 19th April. CHARLES RALBIGH, of Johannesburg, South African Republic, Milling Engineer.—An invention for improvements in screens or sieves for use in stamp-batteries, and otherwise for the separation of ore and other substances.
5514. 19th April. HARRY WILLIAMS, of 134, Somerset Street, Richmond, Victoria, Engineer, and THOMAS LANGSTONE FISHER, of Spring Villa, Lennox Street, Hawthorn, Victoria, Mechanic.—An invention for an improved rotary engine.\*
5515. 19th April. JAMES GILBERT, of Crystal Brook, South Australia, Machinist, and HENRY ALLSOP BEGG, of Albert Street, Semaphore, South Australia, Commercial Traveller.—An invention for an improved device for attaching a reversible share-plate to the foot of a plough, scarifier, or other implement.
5516. 19th April. ERNEST MAXMILLAN BIEBER, of Surry Hills, Sydney, New South Wales, Mining Engineer, and FRANK LACROIX GARDNER, of Bond Street, Sydney aforesaid, Gentleman.—An invention for an improved nut-lock.\*
5517. 19th April. JOSEPH VAUGHAN, of the Lion Rolling Mills, Grant Street, South Melbourne, Victoria, Iron Merchant.—An invention for an improvement in iron posts for wire fences.\*
5518. 20th April. CHARLES ELDRIDGE, of Rye, New York, United States of America, Manufacturer.—An invention for a new and improved mode of saving and collecting gold and silver from their ores, and of treating ores, and saving and collecting fine and float gold. (B. G. Noble.)
5519. 20th April. JOHN DRAPER, of Thirty-eighth Street, above Fifth Avenue, Brooklyn, New York, United States of America, but temporarily residing at 4, Albany Street, Kelvininside, Glasgow, North Britain, Chemist.—An invention for improvements in the method of and means for removing and preventing scales or incrustations in steam-boilers, and for the prevention of pitting, corrosion, or oxidization of such boilers, which improvements are also applicable to the coating of iron or steel articles generally so as to protect them from oxidization.
5520. 20th April. ANATOLE EDOUARD DECOUFLÉ, of 2, Boulevard de Strasbourg, Paris, France, Mechanical Engineer.—An invention for improvements in machinery for the manufacture of cigarettes.
5521. 20th April. WILLIAM ELLISON MESSEROY BURKE, of Christchurch, New Zealand, Agent.—An invention entitled "The Burke Patent Safety Wheel-check and Accident-preventer."\*
5522. 22nd April. CHARLES RALEIGH, of Johannesburg, South African Republic, Milling Engineer.—An invention for improvements in or applicable to stamp-batteries.

5523. 22nd April. JOHN WILLIAM FAUL, of Hargreaves Street, Bendigo, Victoria, Tinsmith.—An invention for an improved railway-carriage or other lamp.
5524. 22nd April. LYMAN MELVIN JONES, Manufacturer, and JAMES KENT WEDLAKE, Machinist, both of Toronto, Canada.—An invention for improved sheaf-carrier for harvester-binders.\*
5525. 22nd April. LYMAN MELVIN JONES, Manufacturer, and JAMES KENT WEDLAKE, Machinist, both of Toronto, Canada.—An invention for improvements in open-ended binders.\*
5526. 22nd April. ARTHUR STEELE FORD, of the Star Hotel, Wellington, New Zealand, Mechanical Engineer.—An invention for filtering water for drinking and other purposes, and cooling same, entitled "The Eureka Filter;" also producing lime-water from the said filter.\*
5527. 23rd April. ROBERT FAIRCLOTH FLOOD, of Mangawhare, New Zealand, Saddler.—An invention for the purpose of giving horses balls as medicine, to be called "Flood's Patent Horse-ball Gun."
5528. 23rd April. JAMES GORRIE, of Stratford, Taranaki, New Zealand, Coachbuilder.—An invention for reducing noise in the use of a chamber, called "A Silent Chamber."\*
5529. 25th April. ELISHA BARTON CUTTEN, of New York, United States of America, Chemist.—An invention for the manufacture of chlorine and caustic soda.
5530. 27th April. CHARLES JAMES GASCOIGNE, of Marton, New Zealand, Coachbuilder.—An invention for an improvement in the construction of the under-carriage or running-gear for four-wheeled vehicles.\*
5531. 27th April. ADOLPH CUTHBERT HUGH DE ARCY, of Auckland, New Zealand, M.D.—An invention for a specific for influenza, epidemic catarrh, or "la grippe."\*
5532. 29th April. GEORGE HARRY ASTALL, of 98, Cuba Street, Wellington, New Zealand, Commercial Traveller.—An invention entitled "Astall's Champion Suction-washer."\*
5533. 29th April. HENRY RAYNER, of Christchurch, New Zealand, Bootmaker.—An invention for improved protectors for the soles of boots and shoes.
5534. 29th April. FRANCIS ARENAS, of Christchurch, New Zealand, Hotel Proprietor.—An invention for a bedroom-indicator, to indicate the requirements of lodgers.
5535. 2nd May. THOMAS MURRAY, of Crossburn, Mangapai, Auckland, New Zealand, Settler.—An invention for facilitating loading of wheeled vehicles, entitled "Loading made Easy."
5536. 3rd May. JOHN TYACK SANDELL, of 10, Pall Mall, London, England, General Manager of R. W. Thomas and Company (Limited), Photographic Manufacturers.—An invention for an improvement in the manufacture of sensitive plates and films or other media for photographic purposes.
5537. 3rd May. CHARLES AUGUSTUS POOLEY, of No. 24, West Seneca Street, Buffalo, State of New York, United States of America, Attorney-at-law.—An invention for improvements in automatic couplings for railway-coaches, trucks, wagons, cars, and like vehicles.
5538. 3rd May. JOSEPH HUSBAND, Sewage-works Inspector, and WILLIAM ROBBINS, Contractor, both of Sydney, New South Wales.—An invention for improvements in sewage-conduits.
5539. 3rd May. GEORGE SUISTED, of Campbelltown, Wellington, New Zealand, and CHARLES DAHL, of Palmerston North, Wellington aforesaid, Sailmaker.—An invention entitled "Suisted and Dahl's Champion Diamond Butter-mould."
5540. 5th May. HENRY EDWARD ARTHUR MINCHIN and HENRY O'HARA, both of Waddington, Canterbury, New Zealand, Farmers.—An invention for an improved horse throat- and stomach-protector.
5541. 7th May. SAMUEL HUNTER WILLIAMS, of Middle Renwick Road, Blenheim, New Zealand, Builder.—An invention for hackling flax, tow, hemp, or other fibres.\*
5542. 7th May. WALTER COLE, of 47, Lime Street, London, England, Architect.—An invention for improvements in fluid motors.\*
5543. 7th May. JABEZ TURTON, of No. 9, Norfolk Street, Strand, London, England, Metallurgist.—An invention for a process for extraction of metals from ores and minerals containing them.
5544. 7th May. EDWARD BATTERSBY TOOMATH, of Aurora Terrace, Wellington, New Zealand, Farmer.—An invention for improvements in stripping-machines for New Zealand flax.\*
5545. 5th May. HENRY E. ABBOTT, of Dunedin, New Zealand, Builder and Contractor.—An invention for making and packing bags with any material, entitled "The Universal Bag-maker."
5546. 12th May. CHARLES NICHOLAS MORRIS, Commercial Traveller, and ALLAN MURRAY AYLES, Gas Engineer, both of No. 72, Thompson Street, Williamstown, Victoria.—An invention for improvements in the construction of, and apparatus to be used for, cash railways in stores.\*
5547. 12th May. JAMES ALBERT BONSAK, of No. 1326, Chestnut Street, Philadelphia, United States of America, Mechanical Engineer.—An invention for machines for making cigarettes.
5548. 12th May. PARKER COGSWELL CHOATE, of No. 38, Wall Street, New York, United States of America, Metallurgist.—An invention for improvement in the art of producing metallic zinc.
5549. 13th May. MARMADUKE MERINTON SEDGWICK, Currier, and WILLIAM MCMILLAN, Tanner, both of Palmerston North, New Zealand.—An invention for an improved method of manufacturing lacing- and thong-leather.\*
5550. 13th May. JAMES COPELAND, of Brunswick, near Wanganui, New Zealand, Farmer.—An invention for terrets: "The Gem."\*
5551. 17th May. JOSEPH HURLEY, of Constable Street, Wellington, New Zealand, Engineer, WILLIAM KAYLL, of Pirie Street, Wellington aforesaid, Salesman, and EPHRAIM GREENWOOD, of Hawker Street, Wellington aforesaid, Engineer.—An invention for improvements in flax-scraping machines.
5552. 17th May. COLIN HOUSTON, Engineer, of the firm of Muir and Houston, Engineers and Boiler-makers, and WILLIAM ARBUCKLE MACKIE, Engineer, both of 60, Portman Street,

- Kinning Park, Renfrew, North Britain.—An invention for improvements in the circulation of the water in the fish-wells or fish-tanks of fishing-vessels, and in the apparatus employed therefor.
5553. 17th May. ERNEST GOVETT, of Adelaide, South Australia, Newspaper Proprietor.—An invention for an improved process for the extraction of gold, silver, platinum, and other like metals from their ores.
5554. 17th May. EDWARD BLAKE WYMAN, of No. 24, McKillop Street, Melbourne, Victoria, Manufacturer.—An invention for an improved triplicate copying sales-book.
5555. 17th May. JOHN HARTNETT, of Bay View Villa, Oakleigh, Victoria, Engineer.—An invention for an improvement in refrigerating apparatus.
5556. 14th May. HENRY ELLIS NIGHTINGALE, of Wellington Street, Auckland, New Zealand, French-polisher.—An invention for an improved method of decorating wood and some other substances.\*
5557. 14th May. BARTHOLOMEW WARD, of Oxford North, Auckland, New Zealand, Contractor.—An invention for an improved stirrup.
5558. 19th May. FRANCIS THEODORE SHERRIFF the younger, of No. 65, Tinakori Road, Wellington, New Zealand, Student of Law.—An invention entitled "Sherriff's Automatic Target," for registering the results of rifle- or other firearm-shots.\*
5559. 17th May. WILLIAM CLARET ROWLANDSON, of Dunedin, New Zealand, Painter and Paper-hanger.—An invention for a new and improved slate-pencil sharpener.
5560. 20th May. JAMES COVENTRY, of Wellington, New Zealand, Tinsmith.—An invention for an improved method of manufacturing metal cans, pots, jugs, and similar vessels.\*
5561. 23rd May. MARTIN ROSE RUBLE, of 764, Broad Street, Newark, New Jersey, United States of America, Mechanical Engineer.—An invention for centrifugal blowers and injectors.
5562. 23rd May. SIDNEY STRAKER, of London, England, Engineer.—An invention for improvements in and relating to apparatus for pulverising or disintegrating grain and other dry substances.
5563. 23rd May. WILLIAM ALSOP, Engineer, and WILLIAM BLACKALL, Chemist, both of Newcastle, New South Wales.—An invention for an improved mode of more effectually cooling and drying the compressed air in refrigerating apparatus, and in the means or apparatus whereby the same may be effected.
5564. 23rd May. EDGAR ARTHUR ASHCROFT, Electrical Engineer, and JOHN HOWELL, Mining Manager, both of Broken Hill, New South Wales. An invention for an improved mode of, and apparatus for, generating steam by the aid of molten slag from smelting and other furnaces.
5565. 23rd May. CHARLES ARTHUR LEES, of No. 27, Antigua Street, Christchurch, New Zealand, Clerk, and STEPHEN WILLIAM LESTER, of Lytton Street, Sydenham, Christchurch aforesaid, Carpenter.—An invention for an improvement in machines for shelling Yorkshire fog, and seeds which can be similarly treated.\*
5566. 25th May. ROLAND D'ANVERS, of Pemberton, Feilding, New Zealand, Settler.—An invention for a new or improved horse-shoe and method of shoeing horses.\*
5567. 23rd May. LEWIS BENSON KENNEDY, of 55, Montague Mansions, London, W.C., England, Brick-manufacturer.—An invention for improvements in and relating to brick-and-tile machines.
5568. 21st May. ROBERT WALKER, of Dunedin, New Zealand, Tinsmith.—An invention entitled "The Champion Milk-cooler."
5569. 25th May. WILLIAM RIGNEY, of Horse-shoe Bend, Tuapeka, Otago, New Zealand, Gold-miner.—An invention entitled "Rigney's Power-accumulating Current Motor."\*
5570. 26th May. GEORGE MALLINDER, of Petone, New Zealand, Labourer.—An invention for the Manufacture of New Zealand bass.\*
5571. 25th May. OSBORN COOMBE, of Maraekakaho, Hawke's Bay, New Zealand, Shepherd.—An invention for a split iron dropper for wire fencing.\*
5572. 28th May. EDWARD LAMBERT DREW, of North Sydney, New South Wales, Architect.—An invention for an improved machine for separating or concentrating and classifying discrete matter, specially metalliferous material, and for amalgamating discrete auriferous material.\*
5573. 28th May. ALFRED RICHARD SENNETT, of Brentford, Middlesex, England, Civil Engineer.—An invention for improvements in the prevention or combustion of smoke in furnaces.
5574. 28th May. ALFRED RICHARD SENNETT, of Brentford, Middlesex, England, Civil Engineer.—An invention for a transformer aspirator or blower.
5575. 30th May. JOSEPH MAITLAND, of Clinton, Otago, New Zealand, Settler.—An invention for a winding strainer for a removable wire fence.
5576. 30th May. FREDERICK GILES, of Fawkner Street, South Yarra, near Melbourne, Victoria, Engineer.—An invention for an improved apparatus for propelling boats by hand-power.
5577. 1st June. JAMES FREYBERG, of Percival Street, Wellington, New Zealand.—An invention for an invalid's bed-table and reading-desk.\*
5578. 1st June. JAMES FREYBERG, of Percival Street, Wellington, New Zealand.—An invention for a reading-chair and revolving desk or table.\*
5579. 25th May. JOHN MITCHELL, of Auckland, New Zealand, Architect.—An invention for expanding-gates for shop-fronts and some other purposes.
5580. 2nd June. FRANCIS JAMES BELL, of 13, High Street, Kingston-on-Thames, Surrey, England, Solicitor.—An invention for improvements in apparatus for separating magnetic ore from sand.
5581. 2nd June. PERCY JOHN OGLE, of 4, Bishopsgate Street Within, London, England, Engineer.—An invention for improvements in and connected with percussive drilling-machines.

5582. 2nd June. JAMES PALMER ROBERTSON and ALEXANDER RUSSELL PULLING, both of 19, Garlick Hill, London, England, Gentlemen.—An invention for a new or improved device for propelling trucks and other vehicles on railways.\*
5583. 2nd June. WILLIAM HENRY FRANK LONG, of Johnsonville, near Wellington, New Zealand, Farmer.—An invention for a new process for cleansing the hair of animals from salt or lime.
5584. 30th May. FREDERICK CLARK, of Pukekaroro, Auckland, New Zealand, Settler.—An invention for a saddle-girth.\*
5585. 3rd June. THOMAS HAWKE, of Tuakau, Auckland, New Zealand, Farmer.—An invention for improvements in ploughs.\*
5586. 8th June. JOB OSBORNE, of Doyleston, Canterbury, New Zealand, Farmer.—An invention for improvements in apparatus for sinking artesian wells.
5587. 8th June. WILLIAM COGGAN, of West Melton, Canterbury, New Zealand, Blacksmith.—An invention for an improved reversible sliding cover for sheep-feeding troughs.
5588. 7th June. GEORGE McDONALD, of Middlemarch, Strath-Taieri, Otago, New Zealand, Blacksmith.—An invention for a turnip root- and stem-cutter and turnip shell-lifter combined.
5589. 11th June. JOSEPH CLARK, of 402, Montgomery Street, San Francisco, California, United States of America, Gentleman.—An invention for improvements in safety gas-cocks.
5590. 11th June. DUNCAN McMURTRIE, of Stawell, Victoria, Battery Manager.—An invention for an improved method of, and apparatus for, softening amalgam on the copper plates of gold-saving appliances.
5591. 10th June. THOMAS CRAWFORD DENNISON, of Oamaru, New Zealand, Civil Engineer and Surveyor.—An invention for a tractor.
5592. 7th June. FREDERICK JOHN TETLEY, of Thames Ditton, Surrey, England, Engineer, and GEORGE COLLS, of Hurlingham, Fulham, Middlesex, England, Farrier.—An invention for improvements in fixing shoes to horses and the like.
5593. 6th June. JOHN ANDERSON, of Dunedin, New Zealand, Engineer and Brassfounder.—An invention for an adaptation of a Bunsen or other gas-burner for fire-lighting and blowing, and entitled "Anderson's Instantaneous Fire-lighter."
5594. 10th June. WILLIAM HENRY SARNEY, of Dunedin, New Zealand, Mechanical Engineer.—An invention for improvements in the manner of hanging sashes to facilitate cleaning, and entitled "Sarney's Improved Sash."
5595. 13th June. CHARLES JAMES FAUVEL, of 15, George Street, Mansion House, London, England, Assayer and Mining Engineer.—An invention for an improved furnace and method for the treatment of refractory ores.
5596. 13th June. JOSEPH FLETCHER, of 111, Dolobran Road, Sparkbrook, Birmingham, England, Engineer, and FREDERICK HUGGINS, of the Britannia Tube Works, Glover Street, Birmingham aforesaid, Tube-manufacturer.—An invention for an improved compressed-air engine for working shears and other like purposes.
5597. 13th June. HENRY KINGSBURY, of Kyle, Ashburton, New Zealand, Farmer.—An invention for a self-raiser for land-lever of three-furrow and other ploughs.
5598. 17th June. ALLAN JONES, of Groper's Bush, Otago, New Zealand, Farmer.—An invention for an improvement in digging-ploughs, to be known as "Jones's Improvement in Digging-ploughs."\*
5599. 30th May. RICHARD MITCHELSON, Merchant, and GEORGE NAIRN, Blacksmith, both of Dargaville, Auckland, New Zealand.—An invention for a new or improved apparatus for obtaining kauri-gum from swamp and similar lands, to be known as "Dick's Gum-grip."\*
5600. 11th June. JOHN DIEDRICH SCHMIDT, of Ponsonby, Auckland, New Zealand, Lithographic Artist.—An invention for improvements in tobacco-pipes.
5601. 17th June. OSCAR BRÜNLER, of Eilenberg, Germany, Engineer.—An invention for device in petroleum-motors, serving to simultaneously press the petroleum into the evaporator through the air-current supplied for the formation of the mixture.
5602. 17th June. PERCY EDWARD CASEY, of Calignee, South Gippsland, Victoria, Farmer.—An invention for an improved milk-strainer.
5603. 16th June. ROBERT MORTON, of Lyttleton, New Zealand, Engineer.—An invention for a double-action glandless lift- and force-pump.
5604. 16th June. RICHARD CHAMBERS, of Cambridge Roller-mills, Cambridge, Auckland, New Zealand, Miller.—An invention for dressing and preparing flax or other fibres.\*
5605. 16th June. RICHARD CHAMBERS, of Cambridge Roller-mills, Cambridge, Auckland, New Zealand, Miller.—An invention for removing the red line or edge of the leaf of the *Phormium tenax* (New Zealand flax).\*
5606. 20th June. CHARLES JOHN REED, of 224, High Street, Orange, New Jersey, United States of America, Mining Engineer. An invention for improvements in ore-separating machinery.
5607. 20th June. OLE OLSEN, of Wimbledon, Hawke's Bay, New Zealand, Sawyer.—An invention for tree-felling and cross-cutting machine.\*
5608. 20th June. CORNELIUS ALFRED FOLLY, of 90, Hill Street, West Hoboken, New Jersey, United States of America, Engineer, WILLIAM LIVINGSTONE FLANAGAN, of No. 6, West 43rd Street, New York, United States of America, Brewer, and DE WITT CLINTON WARD, of No. 137, East 94th Street, New York aforesaid, Merchant.—An invention for improvements in and relating to screw couplings for pipes and other screw-joints.
5609. 20th June. JAMES GRESHAM, Director of Gresham and Craven (Limited), of Craven Iron-works, Salford, Manchester, England, Mechanical Engineers.—An invention for improvements in or applicable to vacuum automatic brake-apparatus.
5610. 20th June. HENRY PARKES, of 237, Friern Road, Dulwich, Surrey, England, Chemist, and JOHN CUNNINGHAME MONTGOMERIE, of the "Water of Ayr" and "Tam O'Shanter" Hone

- Works, Dalmore, Stair, Ayr, Scotland, Manufacturer.—An invention for improvements in the extraction of gold and silver from ores or compounds containing the same.
5611. 20th June. JOHN WALSH, of Sydney, New South Wales, Wool-scourer.—An invention for an improved chamber, and appliances in connection therewith, for drying wool. (J. Johnson and J. Vicars.)
5612. 20th June. The PFAUDLER VACUUM FERMENTATION COMPANY, of Rochester, New York, United States of America.—An invention for the manufacture of beer. (A. J. Metzler.)
5613. 20th June. The PFAUDLER VACUUM FERMENTATION COMPANY, of Rochester, New York, United States of America.—An invention for the manufacture of beer. (A. Hummel.)
5614. 21st June. ALFRED ARMER CARSON, of Ashburton, New Zealand, Grocer.—An invention for a device for the convenient emptying of kerosene-tins, which will prevent waste, and lessen the risk of explosion, to be called "Carson's Automatic Opener for Kerosene-tins."
5615. 2nd June. JOHN MACAULAY, of Dunedin, New Zealand, Accountant.—An invention for improvements in draining barrels or casks to separate liquid from sediment in emptying same, and entitled "The Acme Barrel-tilter."
5616. 24th June. JOHN SUTTON NETTLEFOLD, of Castle Works, Tydu, near Newport, Monmouth, England, Manager of Works.—An invention for improvements in bale ties and hoops for binding compressed bales of cotton and other bales.
5617. 18th June. BENJAMIN PEDDIE BAYLY, Gentleman, and ROBERT FITZMAURICE SANDES, Chemist, both of Hamilton, Auckland, New Zealand.—An invention for the prevention of internal parasitic diseases in sheep, to be called "The Eureka Sheep-lick."\*
5618. 18th June. ELIZABETH GIBBONS, wife of JAMES SAUNDERS GIBBONS, of Auckland, New Zealand, Millwright.—An invention for washing wool, clothes, or other materials, to be called "Gibbons' Washing-machine."
5619. 20th June. WILLIAM VAN DER HEYDEN, of Yokohama, Japan, M.D.—An invention for perfected sanitary houses for all climates.\*
5620. 22nd June. WILLIAM EDWARD CONNELL OSBORNE, of Auckland, New Zealand, Accountant.—An invention entitled "The Osborne Balance Blind-roller."\*
5621. 23rd June. HENRY FABLING, of Doyleston, Canterbury, New Zealand, Blacksmith.—An invention for an improved potato-digging machine.
5622. 23rd June. HENRY CLAY ELLIOT, of 34, Cliff Street, New York City, United States of America, Manufacturer.—An invention for cigarette-machine. (R. Hardie.)
5623. 25th June. HENRY CORRICK, of Christchurch, New Zealand, Boot-manufacturer.—An invention for a boot or shoe, to be called "The Warrior."
5624. 27th June. HAMOR LOCKWOOD, of Chapel Walks, Cross Street, Manchester, England, Chemical Manufacturer.—An invention for improvements in or connected with the purification of sewage and other foul waters.
5625. 21st June. ARCHIBALD McDONALD, of Taieri, New Zealand, Farmer.—An invention for an improved method for sustaining, lifting, and floating wrecks or water-logged vessels, and entitled "Archibald McDonald's Improved Ship-floating Apparatus."
5626. 30th June. HUGH DIXSON, trading as "Dixson and Sons," of Park and Elizabeth Streets, Sydney, New South Wales, Tobacco- and Cigarette-manufacturer.—An invention for improvements in cigarette-machines.
5627. 2nd July. EDWIN ROBERT STANDFIELD, of Blenheim, Warder of the Wairau Hospital.—An invention for a new method of, and apparatus for, decoying and trapping rabbits.\*
5628. 27th June. NICHOLAS GIBBONS, of Port Albert, Auckland, New Zealand, Sawmill Manager.—An invention for obtaining kauri-gum from swampy ground by means of an improved kauri-gum hook.\*
5629. 27th June. NICHOLAS GIBBONS, of Port Albert, Auckland, New Zealand, Sawmill Manager.—An invention for obtaining kauri-gum from swampy ground by kauri-gum grappling-hooks.\*
5630. 4th July. EDWIN JAMES HILL, of Wellington, New Zealand.—An invention for a new or improved apparatus for preventing a down draft in chimneys. (J. H. Matthias.)\*
5631. 30th June. THOMAS HAYCOCK, of Richmond, Nelson, New Zealand, Toilet-soap Manufacturer.—An invention for extracting and utilising the pulp from New Zealand flax.\*
5632. 28th June. WILLIAM WILSON, of Mornington, New Zealand, Engine-driver.—An invention entitled "Wilson's Diamond Air-exhauster or Chimney-cowl."
5633. 29th June. BENJAMIN GREENWOOD, of Dunedin, New Zealand, News Agent.—An invention for improvements in the details of construction of portable washing and other coppers, and the setting of same, and entitled "Greenwood's Economic Washing-boiler."
5634. 1st July. ROBERT LATTA, of Catlin's River, New Zealand, Butcher.—An invention for stuffing riding-saddles, to be called "Latta's Air-stuffing for Riding-saddles."
5635. 1st July. ALEXANDER BURT, of Cumberland Street, Dunedin, New Zealand, Metal Merchant.—An invention entitled "The Triune Cyclone Jet."
5636. 4th July. EDWARD SEAGAR, of Victoria Foundry, Wellington, New Zealand, Engineer.—An invention for "Seagar's Duplex Flax-scraping Machine."\*
5637. 30th June. RICHARD BLAMIRE SEWELL, of Victoria Terrace, Rowan Street, Bendigo, Locomotive Inspector for Victorian Railways, WILLIAM HENRY SEWELL, of Webster Street, Ballarat, Commercial Traveller, ARTHUR EDGAR SEWELL, of Melbourne, Accountant, FRANK BLAMIRE SEWELL, of Victoria Terrace, Rowan Street, Bendigo, Pattern-maker, and EMMA SEWELL, of Bendigo aforesaid, Wife of the above-named Richard Blamire Sewell, all in the Colony of Victoria.—An invention for an improved package in which to preserve and transport butter and other alimentary substances.
5638. 6th July. JAMES MOODY PONTON, of Palmerston North, New Zealand, Coach-painter.—An invention for improvements in four-wheeled vehicles.

5639. 6th July. GEORGE HOWE COOK and HERBERT FRANCIS COOK, both of Russell, Auckland, New Zealand, Whalers, and DONALD HENRY ROSS, of Auckland, New Zealand, Ship Chandler.—An invention for an improved method of catching whales and similar large marine animals.\*
5640. 6th July. ROBERT RELF, of Terrace End, Palmerston North, New Zealand, Blacksmith.—An invention for an improved harrow.\*
5641. 8th July. THOMAS KENNEDY PARK, of Sydney, New South Wales, Gentleman.—An invention for an improved paint.
5642. 8th July. EDWARD WATERS, of No. 131, William Street, Melbourne, Victoria, Patent Agent.—An invention for an improved machine for the manufacture of paper boxes. (J. W. Hutt and A. J. Phillips.)
5643. 8th July. EDWARD FIELD, of Chandos Chambers, 22, Buckingham Street, Adelphi, London, England, Consulting Engineer.—An invention for improvements in engines to be worked by hot gases, such as air or products of combustion, with steam.\*
5644. 5th July. ROBERT LYALL CHRISTIE, of Otama, Otago, New Zealand, Blacksmith.—An invention entitled "The Tenax Spring-gaff."
5645. 5th July. JOHN CHRISTIE and THOMAS CHRISTIE, both of Dunedin, New Zealand, Engineers and Gasfitters.—An invention for improvements in the design of water- or steam-boilers for domestic or other purposes, and entitled "J. and T. Christie's Tube-boiler."
5646. 9th July. THOMAS THOMPSON, of Cochrane Street, Thames, New Zealand, Mechanical Engineer.—An invention for lighting of mines and other places.
5647. 11th July. OLE OLSEN, of Wimbledon, Hawke's Bay, New Zealand, Sawmiller.—An invention for a new and improved tree-felling and wood-cutting saw, to be called "Olsen's Tree- and Wood-saw."
5648. 11th July. CHARLES LAMPITT, of Nelson Villa, Bounds Green Road, Southgate, Middlesex, England, Engineer and Millwright.—An invention for a new or improved mechanical device for separating, cleaning, grading, and sorting barley and other grain, also applicable for other purposes.
5649. 12th July. WILLIAM SANDFORD, of Eskbank Ironworks, Lithgow, Ironmaster, WILLIAM THORNLEY, of Marrickville, near Sydney, Mechanical Engineer, and EDWARD SILCOCKS, of 32, Buckingham Street, Sydney, Railway Inspector, all in the Colony of New South Wales.—An invention for an improved fish-joint for railways.
5650. 7th July. PETER DEWAR, of Auckland, New Zealand, Agent.—An invention entitled "Dewar's Hygienic Muscle-roller," for the purpose of conveying electricity during massage.\*
5651. 13th July. WILLIAM HENRY FRANK LONG, of Johnsonville, near Wellington, New Zealand, Farmer.—An invention for an improved process for cleansing the hair of animals from salt or lime.
5652. 12th July. ROBERT WILLIAM RUTHERFORD, of Caversham, Dunedin, New Zealand, Tanner.—An invention for manufacturing tanning extract, named and to be known as "Rutherford's Tanning Extract."
5653. 16th July. FREDRICK CHARLES SOLOMON, of Wellington, New Zealand, Commercial Traveller, and CATHERINE JACOBSEN, Wife of Theodore Bernard Jacobsen, of Palmerston North, New Zealand, Architect.—An invention for a metallic cornice, to be known as "The Theodore Cornice."\*
5654. 18th July. EDWARD WHITING, of Picton, New Zealand, Preserver and Fish-curer.—An invention for the preparation and manufacture of a tomato powder and tablets for table and culinary use, to be named "Whiting's Tomato Powder and Tablets."\*
5655. 13th July. CARL JOHANNES EDWARD LINNEMANN, of Hokitika, New Zealand, Merchant.—An invention for the manufacture of all kinds of files, all kinds of rasps, all kinds of sharpening-stones, all kinds of grindstones, and such like goods, any shapes and sizes, and for all purposes where any of these are used whatsoever.\*
5656. 14th July. HERBERT ENGLAND, of Christchurch, New Zealand, Engineer.—An invention for an improved spout for teapots and other similar vessels.
5657. 14th July. JOSEPH RICHARDS, of Richmond, Canterbury, New Zealand, Blacksmith.—An invention for an improved barrow-wheel, to be called "The Simplex Barrow-wheel."
5658. 14th July. HERBERT JAMES CUNNINGTON, of Christchurch, New Zealand, Engineer.—An invention for a rolling stand to carry a bucket or other vessel whilst washing or cleaning floors of rooms and passages, or for other similar purposes, to be called "The Housemaid's Friend."
5659. 14th July. JAMES TYRRELL, of Queenstown, New Zealand, Tinsmith.—An invention for an improved pump for kerosene and liquids of a similar nature, for the more easily and cleanly removing such liquids from the tin or other receptacle, and for preventing waste, entitled "Tyrrell's Thrifty Kerosene-pump."
5660. 16th July. JAMES WILKINSON and RICHARD WILKINSON, both of Upper Pitt Street, Auckland, New Zealand, Heel- and Toe-plate Manufacturers.—An invention entitled "Wilkinson's Toe-tip."
5661. 20th July. WILLIAM SNELL CHENHALL, Mining Engineer and Analyst, and WILLIAM FRANCIS SNELL CHENHALL, Stockbroker's Clerk, both of No. 3, Ballance Road, Homerton, London, England.—An invention for improvements in solidifying mineral, vegetable, and animal oils, and volatile and inflammable fluids.
5662. 20th July. HENRY HOWARD, of Coomb's Wood Tube Works, Halesowen, near Birmingham, England, Manufacturer.—An invention for improvements in heating and welding by electricity.



5663. 16th July. MARY ELISE WIRTH, Wife of William Frederick Wirth, of Dunedin, New Zealand, Farmer.—An invention for piercing cattle, to liberate gases which cause cattle to swell after eating clover, &c., which invention is entitled "Wirth's Cattle-piercer."
5664. 21st July. DEMETRIUS BITTLE STROUSE, Attorney-at-Law, and WINGFIELD GRIFFIN, Judge, both of Salem, Virginia, United States of America.—An invention for improvements in spark-arresters for locomotives and other engines.
5665. 21st July. WILLIAM LOCKHART MORTON, of Caroline Street, South Yarra, near Melbourne, Victoria.—An invention for improvements in boots and shoes.
5666. 21st July. THOMAS SAMPSON, of Gawler, South Australia, Farmer.—An invention for an improved contrivance for regulating the tension of twine in harvesting-machines.\*
5667. 23rd July. JOHN BLIGH SUTOR, of Bathurst, New South Wales, Railway-engineer.—An invention for an improved process of extracting copper from pyritic ores.
5668. 25th July. FREDERICK HENRY WRIGLEY, of Opaki, Masterton, New Zealand, Farmer.—An invention entitled "Wrigley's Wire-strainer."\*
5669. 26th July. FREDERICK HENRY WRIGLEY, of Opaki, Masterton, New Zealand, Farmer.—An invention entitled "Wrigley's Bush-falling Scaffold-board Shoe."\*
5670. 25th July. JOHN BELK, of Feilding, New Zealand, Coachbuilder.—An invention for a nutless bolt for fish-plates on railways, and some other purposes.
5671. 25th July. FREDERICK DE JERSEY CLERE, of Lambton Quay, Wellington, New Zealand, Architect.—An invention for an improvement in the method of hanging ordinary sashes, to be known as "Clere's Sashes."
5672. 25th July. JOSEPH WILLIAM SUTTON, of Eagle Street, Brisbane, Queensland, Engineer.—An invention for improvements in the wet process for the extraction of gold or silver, or both, from pulverised ores or other finely-divided material, and in apparatus therefor.
5673. 21st July. JOHN MIDGLEY RISHWORTH, STEPHEN INGHAM, and JOSEPH VICKERS, all of Leeds, England, Corn-millers.—An invention for machinery for sorting and separating loose substances into various grades of fineness.
5674. 21st July. JOSHUA THOMAS JOHNS, of Ponsonby, Auckland, New Zealand, Biscuit-manufacturer.—An invention for improvements in tins or cans for meat, fruit, and some other substances.
5675. 22nd July. ANDREW GRAY, of "Roslyn," Remuera, Auckland, New Zealand, Analytical Chemist.—An invention entitled "Gray's Detachable-band Tin-fastening."\*
5676. 27th July. HUNTER HENRY MURDOCH, of Hastings, Hawke's Bay, New Zealand, Patent Agent.—An invention for an improvement in bicycles and tricycles.\*
5677. 22nd July. JAMES YOUNG, of Castle Street, Dunedin, New Zealand, Cooper.—An invention entitled "The Orbit Cylinder Churn."
5678. 23rd July. HERBERT OBERLIN BROWN, of Albert Avenue, Mount Eden, Auckland, New Zealand, Pianoforte-tuner. An invention for a combined window-cleaner, all-round duster, and furniture-polisher.
5679. 23rd July. HERBERT OBERLIN BROWN, of Albert Avenue, Mount Eden, Auckland, New Zealand, Pianoforte-tuner.—An invention for a new and improved hand circular hair-brush.
5680. 23rd July. JOSHUA THOMAS JOHNS, of Ponsonby, Auckland, New Zealand, Biscuit-manufacturer.—An invention for an improved process for condensing milk.\*
5681. 28th July. ROBERT AUGUSTUS PANCHAUD, of 42, Great Tower Street, London, England, Secretary.—An invention for improvements in apparatus for drawing off or dispensing aerated liquids. (W. G. Temple.)
5682. 26th July. ROBERT COCKERELL, of Invercargill, New Zealand, Blacksmith.—An invention entitled "R. Cockerell's Self-acting Lever Water-discharger, for Mining and Other Purposes."
5683. 27th July. THE COLONIAL HARDWARE, WOODWARE, AND IMPLEMENT COMPANY (LIMITED), of Dee Street, Invercargill, New Zealand, Manufacturers and Merchants.—An invention entitled "The Colonial Flexible through Steel Axle," a jointed or flexible through axle to be applied to seed-sowing machines or drills. (J. Macalister.)
5684. 1st August. JAMES ROBERTSON, of Oamaru, New Zealand, Shepherd.—An invention for catching rabbits, to be called "James Robertson's Rabbit-trap."
5685. 1st August. FREDERICK HENRY WRIGLEY, of Opaki, Masterton, New Zealand, Farmer.—An invention entitled "Wrigley's Chain-lever and Self-locking Sheaf."\*
5686. 1st August. JAMES FREYBERG, of Percival Street, Wellington, New Zealand, Surveyor, &c.—An invention for wood linoleum.
5687. 3rd August. WILLIAM HENRY BOYENS, of Kaikoura, New Zealand, Engineer.—An invention for a reversible fire-grate.\*
5688. 3rd August. JOSEPH DAY, of Spring Gardens, Bath, England, Engineer.—An invention for a new or improved gas-engine.
5689. 29th July. JAMES ANDERSON, of Edington Mains, Otago, New Zealand, Gentleman.—An invention entitled "Anderson's Improvements in Combined Drills," for sowing all kinds of manures, seeds, and grain, and for forming ridges or drills, and for topping and uprooting turnips, and for uprooting potatoes, and for grubbing land.
5690. 5th August. JULIUS EVINOF, of the Australia Hotel, Castlereagh Street, Sydney, New South Wales, Doctor of Medicine.—An invention for improved means for locking nuts on bolts.
5691. 5th August. JAMES MOORE, of City Road, South Melbourne, Victoria, Timber Merchant.—An invention for an improved nailless butter-box. (F. I. Campbell).\*
5692. 2nd August. SAMUEL BRIGHT, of Auckland, New Zealand, Commission and Land Agent.—An invention for spring-side trousers.\*
5693. 6th August. GEORGE WALTER BLANKS and BERNARD LEFEBURE, of Glebe, Sydney, New South Wales, Engineers.—An invention for an improved brick-making machine.\*



5694. 6th August. ALFRED NAYLOR PEARSON, of Rathmines Road, Auburn, Victoria, Agricultural Chemist, and ROBERT PENN, of Laurel Cottage, Montague Street, South Melbourne, Victoria aforesaid, Engineer.—An invention for an improved method of, and apparatus for, manufacturing rectangular-meshed wire-netting.
5695. 5th August. JOHN THOMAS WALKER, of Wanganui, New Zealand, Farmer.—An invention for an improvement in wire-strainers, to be called "Walker's Wire-strainer."
5696. 30th July. JOHN STEVENSON, of Waiianiwa, Otago, New Zealand, Blacksmith.—An invention entitled "Stevenson's Adjusting Reversible Pulverising Tail-piece," for attaching to the ordinary mould-board or tail-piece of digger or other plough for the purpose of pulverising and obliterating the furrow.
5697. 6th August. WILLIAM EDGAR SMITH, of Wanganui, New Zealand, Farmer.—An invention for an improvement in metal-cutting shears, to be called "Smith's Shears."
5698. 9th August. HARRIETTE ALLEN, wife of Frank Allen, of Wellington, New Zealand, Insurance Manager.—An invention for an improved receptacle for visiting-cards.\*
5699. 3rd August. JOHN CAMERON FRASER, of Coromandel, Auckland, New Zealand, Sawmill Proprietor.—An invention entitled "Fraser's Eureka Battery-grating Superseder and Gold-retainer."\*
5700. 5th August. BARTHOLOMEW WARD, of Oxford North, Auckland, New Zealand, Contractor.—An invention for an improved wire-strainer.
5701. 10th August. JAMES GARTON BOWER the younger, of Earham House, Norwich, England, a Managing Director of the firm of Barnard, Bishop, and Barnards (Limited).—An invention for improvements in machinery for the manufacture of wire-netting.\*
5702. 10th August. JOHN HENRY LAWRENCE, of No. 30, Latrobe Terrace, Geelong, Victoria, Slater.—An invention for an improved method of, and apparatus for, concentrating syrups for confectionery.
5703. 10th August. WALTER SWAIN and WILLIAM PHILIPSON, of Hillfold Mills, Astley Bridge, near Bolton, Lancaster, England, Pneumatic-tyre Manufacturers.—An invention for improvements in the construction of tyres for bicycles, tricycles, and other road-vehicles.
5704. 11th August. GEORGE WILLIAM SHAILER, of Main Street, Palmerston North, New Zealand, Photographer.—An invention for an appliance for regulating the discharge of liquids from watering-pots or other vessels.
5705. 10th August. JOHN JAMES SUTHERLAND HARDIE, of Christchurch, New Zealand, Cabinet-maker.—An invention for an improved portable press, to be called "The Simplex Copying-press."
5706. 9th August. GEORGE WILLIAM HESLOP, of Albert Street, Auckland, New Zealand, Engineer. An invention entitled "Heslop's Improved Positive Motion Counter for Totalisators."\*
5707. 10th August. FRANK CURTIS, of High Street, Dunedin, New Zealand, Manufacturer.—An invention for an appliance or game for two persons for answering questions asked by either person, and entitled "Curtis' Magnetic Board."
5708. 9th August. LEWIS ROSE GILLANDERS, of Ravensbourne, Dunedin, New Zealand, Engineer.—An invention for self-holding boltless fish-plates, for rail-joints.
5709. 12th August. CHARLES SCOTT GALLOWAY, of Port Napier, New Zealand, Engineer.—An invention for improvements in water-tube steam-boilers.\*
5710. 12th August. JOB OSBORNE, of Doyleston, Canterbury, New Zealand, Farmer.—An invention for improvements in and mode of attaching clover-threshing or drawing apparatus to combines.\*
5711. 13th August. JAMES KEIR, of Ashburton, New Zealand, Machinist.—An invention entitled "Keir's Improved Elevator Hinge," for the more expeditious folding of straw-elevators for threshing-machines.
5712. 15th August. GEORGE McCaul, of Auckland, New Zealand, Plumber.—An invention for a revolving cowl, to be known as "McCaul's Self-adjusting Syphon Ventilator or Chimney-top."
5713. 13th August. THOMAS WILSON, of Christchurch, New Zealand, Tinsmith.—An invention for improvements in whisks and mixers, or cake-makers.
5714. 19th August. HUGH HUNTER, of Wellington, New Zealand, Marine Engineer.—An invention for an apparatus for lifting and floating sunken ships and other dead-weights, to be called "Hunter's Ship-lifter."
5715. 16th August. DAVID RANKEN SHIRREFF GALBRAITH, of Bell Road, Auckland, New Zealand, Fellow of the Institute of Chemistry of Great Britain and Ireland.—An invention for self-aërating and anti-deposit beer-treatment.
5716. 17th August. WILLIAM CHAPMAN, Fitter, and WILLIAM HENRY BLYTHE, Merchant, both of Wanganui, New Zealand.—An invention for a machine to dress grass-seed, such as fog, trefoil, and all soft grass-seeds, to be called "Chapman and Blythe's Grass-seed Dressing-machine."
5717. 20th August. THOMAS SMITH, of Kensington House, Chapeltown, near Sheffield, England, Colliery Manager.—An invention for improvements in machinery or apparatus for extracting coke from coke-ovens, or other purposes of the like kind, such as the extraction of lime from lime-kilns.
5718. 11th July. ARCHIBALD McDONALD, of Taieri, Otago, New Zealand, Farmer.—An invention for further improvements in the method of sustaining, lifting, and floating wrecks or water-logged vessels, and entitled "McDonald's Further Improved Ship-floating Apparatus."
5719. 16th August. EDMUND ACKROYD, Importer, and JOHN CHRISTIE and THOMAS CHRISTIE, Sanitary Engineers and Gasfitters, all of Dunedin, New Zealand.—An invention for improvements in stoves for heating and ventilating apartments by a direct current of hot air, and entitled "The Rapid Heat-distributor."

5720. 17th August. JOHN GARRICK, of Dunedin, New Zealand, Seaman.—An invention for apparatus for saving life at sea, to be called "The Sea Horse and Chariot."
5721. 18th August. 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.
5722. 19th August. LEWIS ROSE GILLANDERS, of Ravensbourne, Dunedin, New Zealand, Engineer.—An invention for a pivotted windmill.
5723. 23rd August. BRUCE GREEN, of No. 57, Chancery Lane, Middlesex, England, Gentleman.—An invention for improvements in or connected with coin-freed or coin-operated sight-testing apparatus.
5724. 24th August. JOHN STORER, of No. 29, Bligh Street, Sydney, New South Wales, Consulting Chemist.—An invention for improvements in the manufacture of explosives.
5725. 24th August. JOSEPH MITCHELL, of 14, Broom Close, Sheffield, England, Engineer, and WILLIAM KIRKLEY BIRKINSHAW, of Old Croft House, Quarndon, Derby, England, Merchant.—An invention for improvements in picks.
5726. 24th August. THOMAS SMITH, of Windsor, 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.
5727. 24th August. EDWARD WATERS, of No. 131, William Street, Melbourne, Victoria, Patent Agent.—An invention for improvements in apparatus for treating and scouring or cleansing wool and other materials, for removing therefrom greasy or other matters, and for analogous cleansing and separating operations. (G. L. P. Eyre, and T. J. Hopkins.)
5728. 20th August. THOMAS MONTRESOR BALDWIN, of Milton, Otago, New Zealand, Bank Officer.—An invention for an improved appliance for saving gold, called "Baldwin's Process for saving Gold."
5729. 11th August. FREDERICK WALTER PATERSON, of Pelichet Bay, Otago, New Zealand, Boat-builder.—An invention entitled "Paterson's Radiatory Sliding-seat for Rowing-boats."
5730. 22nd August. HERBERT MALCOLM McNEILL, of Aramoho, Wanganui, New Zealand, Farmer.—An invention entitled "The Axe-handle Holdfast."
5731. 25th August. FRANCIS PENTY, of Cambridge Avenue, Wellington, New Zealand, Architect and Sanitary Engineer.—An invention for an improved disconnector sewer-trap, the title of which is "Penty's Improved Disconnector Sewer-trap."\*
5732. 26th August. WILLIAM ROBINSON, Storekeeper, and FREDERICK DUNCAN FERGUSON, Schoolmaster, both of Makotuku, Hawke's Bay, New Zealand.—An invention for an improved lifting-attachment for sack-barrows.
5733. 24th August. WILLIAM JOHN PUTNAM, of Lyttelton, New Zealand, Stevedore.—An invention for protecting life on railway passenger-trains.\*
5734. 24th August. NICHOLAS OATES, of Christchurch, New Zealand, Bicycle-manufacturer.—An invention for a concentric band-brake for air-tyre and other cycles.
5735. 20th August. JERGEN THORSEN KOEFOED, of Dunedin, New Zealand, Brewer. An invention for bottling liquids from casks, to be called "The Vacuum Bottling-machine."
5736. 24th August. PETER CHRISTENSEN HENRICKSEN, Storekeeper, and DANIEL GASCOYNE, Fisherman, both of Otahuhu, Auckland, New Zealand.—An invention for improved apparatus for catching fish.\*
5737. 27th August. MICHAEL CONNOLLY, of Masterton, New Zealand, Labourer, and ISAAC SYKES, of Fernridge, Masterton aforesaid, Farmer.—An invention entitled "Connolly and Sykes' Womb-retainer for Sheep or Cattle."\*
5738. 27th August. JOHN GOTTFRIED DUDECK, Engineer, and JOHN ROSE, Tinsmith, both of Eltham, Taranaki, New Zealand. An invention for an improved motor, principally applicable for utilising the currents of rivers.
5739. 25th August. DIEDRICH LINDEMANN, Engineer, and ROBERT ROSS, Jun., Manufacturer, both of Hokitika, New Zealand.—An invention for an improved method of applying a balanced double-piston slide-valve to steam-engines, especially adapted to large cylinders working with a high pressure of steam.
5740. 27th August. TOM BENNETT HOWARD, of Te Awamutu, Auckland, New Zealand, Civil Engineer.—An invention entitled "The Howard Rotary-engine."\*
5741. 31st August. FREDERICK DUNCAN FERGUSON, of Makotuku, Hawke's Bay, New Zealand, Schoolmaster.—An invention for an improved rolling-blotter.
5742. 31st August. GEORGE FREDERICK SMITH, of Wellington, New Zealand, Assistant Secretary, Wellington Harbour Board.—An invention for a surveyor's staff, to be called "Smith's Tripod Surveyor's Staff."\*
5743. 29th August. WILLIAM ANDREWS and ARTHUR WARD BEAVEN, both of Christchurch, New Zealand, Engineers.—An invention for improved clover- and seed-cleaner.
5744. 1st September. WILLIAM HENRY PARKES, of 27, Martin's Lane, London, E.C., England, Inventor.—An invention for improvements in train-couplings.\*
5745. 1st September. WILLIAM HENRY, of 277, Sherman Street, Detroit, Michigan, United States of America, Electrician.—An invention for improvements in electrical generators.
5746. 1st September. WALTER SMYTHE BAYSTON, of No. 131, William Street, Melbourne, Victoria, Patent Agent.—An invention for improvements in store service and similar apparatus. (The Lamson Store Service Company, Limited.)
5747. 2nd September. DONALD ARCHIBALD DOUGLAS, of Blenheim, New Zealand, Architect.—An invention entitled "Automatic Thermo-Electric Annunciator."
5748. 1st September. CHARLES EDWARD ALLEN, of Manor Place, Dunedin, New Zealand, Commission Agent.—An invention entitled "Allen's Rapid Fibre- and Gum- or Juice-separator."

5749. 2nd September. FREDERICK WILLIAM GOUGH, of Christchurch, New Zealand, Engineer.—An invention for an improved method of mounting the body or seat on the wheels of invalid carriages or other similar light vehicles.
5750. 2nd September. JOHN CAMERON FRASER, of Coromandel, Auckland, New Zealand, Sawmill Proprietor.—An invention for a grinding- and amalgamating-pan and settler-tilt.\*
5751. 5th September. WILLIAM BEEDELL, of Pleasant Point, Canterbury, New Zealand, Farmer.—An invention entitled "The Chain Manure-drill."\*\*
5752. 7th September. ELIHU THOMSON, of Swampscott, Massachusetts, United States of America, Electrician.—An invention for improvements in incandescent electric lamps.
5753. 7th September. WALTER H. KNIGHT, of Newton, and WILLIAM B. POTTER, of Lynn, both in Massachusetts, United States of America, Electricians.—An invention for methods of regulating electrically-driven mechanism, and apparatus for putting the same into operation.
5754. 7th September. GEORGE MASSEY, of Post-office Chambers, Pitt Street, Sydney, New South Wales.—An invention for improvements in machines for clipping and shearing sheep and cutting hair.
5755. 7th September. FREEMAN ROGERS and FREDERICK FREEMAN PORTER, both of St. Mary's Road, Ponsonby, Auckland, New Zealand, General Agents.—An invention for a new or improved apparatus for rapidly heating and boiling water, applicable also for generating steam.\*
5756. 5th September. RICHARD RADCLIFFE TAYLOR, carrying on business under the style of "The Zealandia Waterproof Company," at High Street, Dunedin, New Zealand, Waterproof-manufacturer.—An invention entitled "Taylor's Ventilated Waterproof Horse-cover."
5757. 7th September. WILLIAM WITHELL, of No. 83, St. Asaph Street, Christchurch, New Zealand, Carpenter.—An invention for a butter-printer.\*
5758. 6th September. JOHN LAWSON, of Berwick, Otago, New Zealand, Engineer.—An invention for water-lifting, entitled "Lawson's Pulsion Wheel."
5759. 8th September. SAMUEL MCGONAGLE and ARTHUR RICHARD VARLEY GOODWILL, both of Otahuhu, Auckland, New Zealand, Settlers.—An invention for an improved tub- or bucket-carrier, for domestic and other uses.\*
5760. 8th September. GILBERT ANDERSON, of Christchurch, New Zealand, Freezing-works Manager.—An invention for an appliance for automatically weighing and grading carcasses of meat on a rail-track without removing the carcasses from such rail-track.
5761. 9th September. MICHAEL SCOTT CAMPBELL, of Papanui, Canterbury, New Zealand, Gentleman.—An invention for the preservation of potatoes and other roots by compression.\*
5762. 10th September. GEORGE SHARLAND, of Brook Street, Nelson, New Zealand, Flax-miller.—An invention entitled "The Excelsior Plaster," for the cure of asthma, bronchitis, croup, and influenza.\*
5763. 12th September. JOHN EDWARD HAYES, of Wellington, New Zealand, Engineer.—An invention for an improved method of producing electric currents in the human body by means of boots, shoes, or articles applied to the feet.\*
5764. 13th September. JAMES WALSH, of Henley, Otago, New Zealand, Farmer.—An invention for improvements in swing-churns, to be called "Walsh's Improved Swing-churn."\*
5765. 10th September. THOMAS BASSETT, of Dunedin, New Zealand, Miner.—An invention for fine-gold-saving machine, entitled "Bassett's Perfect Gold-saver."
5766. 15th September. WILLIAM CAMERON, of corner of Sycamore and Adams Streets, Petersburg, Virginia, United States of America.—An invention for improvements in rending-machines. (W. G. Latimer.)
5767. 13th September. JAMES WALKER and PETER WALKER, of Dunedin, New Zealand, Plumbers and Tinsmiths.—An invention for improvements in milk-cans, to be known as "Walker Brothers' Dust-proof Milk-can Lids."
5768. 12th September. JOSEPH JAMES MACKY, of 119, Victoria Arcade, Queen Street, Auckland, New Zealand.—An invention for improvements in the manufacture of axes or hatchets.\*
5769. 13th September. DAVID RANKEN SHIRREFF GALBRAITH, Fellow of the Institute of Chemistry of Great Britain and Ireland, and PIERCE LANIGAN, Contractor, both of Auckland, New Zealand.—An invention entitled "The Galbraith Gold- and Silver-extraction Process."\*
5770. 14th September. THOMAS HENRY DAVIDSON, Jun., of Dunedin, New Zealand, Mechanical Engineer.—An invention for improvements in quartz-crushing machinery, to be known as "The Union Quartz-crusher."
5771. 17th September. JOHN BIGWOOD, of Christchurch, New Zealand, Plumber.—An invention for an improved double-action lift- and force-pump.
5772. 20th September. WILLIAM HENRY HAMILTON, of White's Bay, Marlborough, New Zealand, Telegraphist.—An invention entitled "Hamilton's Series of New Zealand Voltaic Batteries."\*\*
5773. 20th September. GEORGE EMERSON ARMSTRONG, of 123, Franklin Street, New York, United States of America, Merchant.—An invention for improvements in apparatus and processes for treating fibrous plants for the purpose of obtaining fibres therefrom, applicable also for treating or finishing yarns and fabrics.\*
5774. 20th September. WALTER MORRISON, of Pascoe Vale Road, Moonee Ponds, near Melbourne, Victoria, Bootmaker.—An invention for improvements in the heels of boots and shoes.\*
5775. 21st September. GEORGE SARGENT JAKINS, of Cashel Street, Christchurch, New Zealand, Merchant.—An invention for a cool-chamber for butter-factories or dairies.\*
5776. 21st September. JOSEPH HEMUS, of Scotia Place, Upper Queen Street, Auckland, New Zealand, Musician.—An invention entitled "The Hemus Stringed-instrument Bow-regulator."\*

5777. 20th September. KARL GRAF, of Victoria Terrace, Anderson's Bay Road, Dunedin, New Zealand, Engineer.—An invention for holding boots and shoes for shining purposes, to be known as "Graf's Boot-holder."\*
5778. 21st September. THOMAS GOODALL, of Maria Street, South Dunedin, New Zealand, Builder.—An invention entitled "Goodall Corset."\*
5779. 24th September. ISIDORE BERNARD BERNBAUM, of Cornhill Street, Wellington, New Zealand, Manufacturer.—An invention for an improved tank and apparatus for storing and decanting liquids.
5780. 23rd September. JOHN WARDEN, of Long Bush, Otago, New Zealand, Farmer.—An invention entitled "Warden's Improved Grubber."\*
5781. 22nd September. JAMES ANDERSON, of Edington Mains, Wright's Bush, Otago, New Zealand, Gentleman.—An invention entitled "Anderson's Land-leveller," a machine for the purpose of levelling land.
5782. 23rd September. SAMUEL MCGONAGLE and ARTHUR RICHARD VARLEY GOODWILL, of Otahuhu, near Auckland, New Zealand, Settlers.—An invention for an improved knee-pad for domestic and other uses.\*
5783. 24th September. REGINALD SOMERVILLE FRANCIS AICKIN, of Seafeld View Road, Auckland, New Zealand, Settler.—An invention entitled "The Automatic Burglar-proof Window-lock."\*
5784. 23rd September. WILLIAM HENRY CUTTEN, of Dunedin, New Zealand, Engineer.—An invention for a lower tumbler for a bucket-dredge.\*
5785. 26th September. JOSEPH RICHARDS, of Richmond, Canterbury, New Zealand, Blacksmith.—An invention for an improved clothes-peg.
5786. 28th September. HERBERT OBERLIN BROWN, of Mount Eden, Auckland, New Zealand, Pianoforte-tuner.—An invention for a new or improved moustache-guard.\*
5787. 29th September. WILLIAM JAN GORDON CUMMING, of Mangamahoe, Masterton, New Zealand, Settler.—An invention entitled "Cumming's Stump-extractor."\*
5788. 29th September. JOSEPH EBENEZER POTTER, of Santa Rosa, California, United States of America.—An invention for improvement in dish-washers. (W. C. Nelson.)
5789. 29th September. FREDERICK HENRY WRIGLEY, of Opaki, Masterton, New Zealand, Farmer.—An invention entitled "Wrigley's Chain-grip," for securing a lever-hold on a chain.\*
5790. 30th September. HENRY WILLIAM POTTER, of Wellington, New Zealand, Architect.—An invention entitled "Potter's Improved Lightning-roller Blotting Pad."\*
5791. 26th September. CHARLES HARRISON SMITH, of Remuera, Auckland, New Zealand, Gardener.—An invention for cleaning knives quickly without the usual wear-and-tear, to be called "The Rapid Knife-cleaner."\*
5792. 1st October. WILLIAM ROWE, of No. 512, Canning Street, North Carlton, near Melbourne, Victoria, General Agent.—An invention for an improved hand-lamp, of the kind commonly known as "Engineers' Lamps."\*
5793. 1st October. CHARLES SIMMONDS, Jun., of Grant Road, Wellington, New Zealand, Carpenter and Joiner.—An invention entitled "Simmonds's Revolving Stand for Manufacture and Repairs of Boots and Shoes."\*
5794. 1st October. THOMAS BEAVAN SLOPER, of 14 and 15, Brittox, Devizes, Wilts, England, House-furnisher.—An invention for improvements in or relating to folding seats and the like.
5795. 1st October. HENRI GALOPIN, of Temple Court Place, Chancery Lane, Melbourne, Victoria, Scientific Engineer.—An invention for improvements in and connected with apparatus for using liquid fuel for lighting and heating purposes.
5796. 28th September. CHARLES ATKIN, of Elliott Street, Auckland, New Zealand, Carriage-builder.—An invention for improvements in whiffletree-fixings, to be called "The Elliott Spring- and Lock-bolt."\*
5797. 28th September. CHARLES ATKIN, of Elliott Street, Auckland, New Zealand, Carriage-builder.—An invention for improvements to canopy 'busses, to be called "The Elliott Water-conductor and Pipe."\*
5798. 28th September. JOHN CALDER, of John Street, Caversham, New Zealand, Building Contractor.—An invention entitled "The Portable Perforated Colonial Coal Fire-box."\*
5799. 28th September. JAMES FOSTER, of Hillside Road, Caversham, New Zealand, Dealer.—An invention for fire-screen slide.
5800. 29th September. WILLIAM SOLTAU PILLANS, of Manuka Island Station, Balclutha, Otago, New Zealand, Sheep-farmer.—An invention for laying poisoned grain for rabbits, called "Pillan's Rabbit-poison Layer."\*
5801. 29th September. FRANK OAKDEN, of Dunedin, New Zealand, Manager of the Milburn Lime and Cement Company (Limited).—An invention entitled "Oakden's Continuous Kiln for Burning Cement and Lime."\*
5802. 30th September. HENRY WILLIAMS, of Devon Street East, New Plymouth, New Zealand, Contractor.—An invention for an improved draught for road-rollers and reaping-machines.
5803. 1st October. CYRIL PAUL HAMMERTON JEPHSON, of Gebbies Valley, Canterbury, New Zealand, Farmer.—An invention for an improved tattoo sheep-brand or ear-marker.
5804. 4th October. GEORGE JOHN WALLACE, of Masterton, New Zealand, Blacksmith.—An invention for improvements in wool-presses.\*
5805. 4th October. DONALD DONALD, of Solway, Masterton, New Zealand, Sheep-farmer.—An invention entitled "The Solway Windlass Wool-press."\*
5806. 3rd October. BENJAMIN MAYER, of Gordon Grove, Northcote, Victoria, Cabinetmaker, and WALTER HENRY MITCHELL, of Meredith, Victoria, Stationmaster, Victoria Railways.—An invention for improvements in couplings for railway-carriages, -cars, or -trucks.

5807. 30th September. WILLIAM WOODCOCK LEATHERBARROW, of Whangarei, Auckland, New Zealand, Farmer.—An invention for an improvement for making saddle-paste, to be called "The Colonial Saddle-paste."
5808. 30th September. WILLIAM WOODCOCK LEATHERBARROW, of Whangarei, Auckland, New Zealand, Farmer.—An invention for an improvement for making harness- and boot-paste, to be called "The Settlers' Friend Harness- and Boot-paste."
5809. 1st October. SAMUEL MCGONAGLE and ARTHUR RICHARD VARLEY GOODWILL, of Otahuhu, near Auckland, New Zealand, Settler.—An invention for an improved combined knee-pad, brush, and bucket-carrier for domestic and other uses.\*
5810. 5th October. THOMAS MARSH DAVIES, of Chertzey Street, Parnell, Auckland, New Zealand, Commission Agent.—An invention for a new or improved apparatus for catching codlin-moths and some other insects.
5811. 5th October. JOHN MITCHELL, of Victoria Arcade, Queen Street, Auckland, New Zealand, Architect, and JAMES ATKINSON, of Otahuhu, Auckland, New Zealand, Watchmaker.—An invention for improvements in apparatus for muting violins and some other stringed instruments.
5812. 6th October. WALLACE SAMUEL DETTMER, of Moonee Ponds, Melbourne, Victoria, Piano-forte-manufacturer.—An invention for improvements in pianofortes. (A. Squire.)
5813. 3rd October. DAVID HOOD, of Sawyer's Bay, near Dunedin, New Zealand, Blacksmith.—An invention for moulds for forming and grooving golf-balls.
5814. 4th October. DANIEL CORLETT KEE, of Pleasant Point, Timaru, New Zealand, Contractor.—An invention for an improvement in harrows, to be called "The Armadilla Harrow."\*
5815. 6th October. JOHN ARMSTRONG CHANLER, of New York, United States of America, Lawyer.—An invention for improvements in pavements.
5816. 6th October. RICHARD EDMUND SHILL, of 49, Crystal Palace Road, East Dulwich, Surrey, England, Engineer.—An invention for improvements in or connected with crushing- or grinding-mills, more especially intended for grinding or reducing ores containing precious metals, and for separating metals therefrom by amalgamation.\*
5817. 6th October. HENRY SHEEHY KEATING, of No. 11, Prince's Gardens, Kensington, London, England, Barrister-at-Law.—An invention for an electrical safety cut-out.
5818. 7th October. JAMES GRESHAM, Director of Gresham and Craven (Limited), of Craven Iron-works, Salford, Lancaster, England, Engineers.—An invention for improvements in injectors, and in their application to locomotives.
5819. 3rd October. SETH WEBB, of Wade, Auckland, New Zealand, Blacksmith.—An invention for fencing-wire strainer and fastener.\*
5820. 4th October. JÖRGEN THORSEN KOFOED, of Elgin Road, Mornington, Dunedin, New Zealand, Brewer.—An invention for corking bottles, to be called "The Triumph Corking-machine."
5821. 8th October. WALTER GEE, of Christchurch, New Zealand, Blind-manufacturer.—An invention for an improved outside window-blind or sun-shade.
5822. 10th October. HUGH DARCY HILL, of 11, Queen Victoria Street, London, England, Gentleman.—An invention for an improved method of finishing the bottoms of trousers.
5823. 10th October. AUGUSTUS GROSS, of Sydney, New South Wales, Engineer.—An invention for an improved appliance or apparatus for preventing the "creeping" of rails on railway-tracks.
5824. 11th October. ROBERT WILLIAM BARCHAM, of Church Street, Wellington, New Zealand, Commission Agent.—An invention for boiling water quickly, to be called "Barcham's Quick-boiling Conical Kettle."
5825. 7th October. THOMAS DAWES, of Napier Street, Auckland, New Zealand, Grocer.—An invention for the automatic lever box- and basket-lid.
5826. 8th October. DANIEL WHITBURN, of Morrinsville, Auckland, New Zealand, Platelayer.—An invention entitled "Whitburn's Improved Cradle-rocker."\*
5827. 12th October. JABEZ RHODES, of Sydney, New South Wales, Woolbroker.—An invention for improvements in wool-scouring and fat-saving apparatus.
5828. 12th October. ENOS BOND, of Wade, Storekeeper, and JAMES GOODFELLOW, of Dairy Flat, Farmer, both of Auckland, New Zealand.—An invention for an improved stirrup.
5829. 12th October. GEORGE LEER, of Wellington, New Zealand, Boilermaker.—An invention for an improved apparatus for heating water.\*
5830. 12th October. JOHN CHAMBERS MOGINIE, of Hankey Street, Wellington, New Zealand, Gentleman.—An invention for a new or improved blotting-pad.\*
5831. 13th October. STEPHEN STOKES, of the Broadway, Marton, New Zealand, Tailor.—An invention for a new or improved stand for sewing garments.\*
5832. 14th October. CARL ADOLPH SAHLSTROM, of 14, Griffin Street, York Road, Lambeth, London, England, Engineer, and ELLIS PARR, of Brazil House, Isleworth, England, Gentleman.—An invention for improvements in and connected with the cleansing of wool, hair, silk, cotton, flax, and other animal or vegetable fibres or fabrics, the recovery of by-products, such as oil and fat, and of the whole or part of the ingredients used in the process.\*
5833. 8th October. THOMAS SCURR, of Dunedin, New Zealand, Wheelwright and Coachbuilder.—An invention for a double-purchase push-brake, acting on the back wheels of any four-wheeled carriage.
5834. 11th October. ARCHIBALD MORRISON, of Moray Place, Dunedin, New Zealand, Hydraulic Engineer and Plumber.—An invention for an improved method of casting, and an improved pattern of a furnace-bend made in one piece and fitted with a damper, and entitled "Archibald Morrison's Fluted Damper-bend."

5835. 11th October. BENJAMIN GREENWOOD, of Dunedin, New Zealand, News Agent.—An invention for improving chimneys and flues, and entitled "Greenwood's Perfect Cowl and Steam-trap."
5836. 10th October. NICHOLAS GIBBONS, of Port Albert, Auckland, New Zealand, Sawmill Manager.—An invention for an approved apparatus for procuring kauri-gum from swamp and similar land.\*
5837. 15th October. CHARLES MCLEOD, of No. 522, Little Collins Street, Melbourne, Victoria, Manufacturers' Agent.—An invention for improvements in and relating to the binding mechanism of reaping-and-binding harvesters.
5838. 18th October. WILLIAM ROLLITT, of Hororata, Canterbury, New Zealand, Miller.—An invention for a new or improved method of treating wheat prior to milling, and appliances therefor.
5839. 13th October. ALEXANDER MACKIE, of Lower Vincent Street, Auckland, New Zealand, Coachbuilder.—An invention for enclosing and preserving photographs or other pictures in tombstones, to be called "Mackie's Tombstone Photograph-preserver."\*
5840. 19th October. WILLIAM M. JAMESON, of 7, Willis Street, Wellington, New Zealand, Grocer.—An invention for a tea-mixer, -cleaner, and -blender.\*
5841. 20th October. CHARLES WENTWORTH LANGSTONE, of Greytown North, New Zealand, Veterinary Surgeon.—An invention for improvements in the manufacture of cleansing- and disinfecting-fluids for washing sheep and for other purposes.
5842. 18th October. WILLIAM HENRY GAZE, of Palmerston Street, Westport, New Zealand, Physician and Metallurgical Chemist.—An invention for improvements in the leaching of gold- and silver-ores, or materials containing them, by means of chloride, bromide, or iodide of cyanogen.
5843. 21st October. HENRY MONTAGUE FIELD, of Wellington, New Zealand, Merchant.—An invention for a new or improved ticket or coupon for passengers.\*
5844. 21st October. HOWARD OSBORNE, of Wellington, New Zealand, Trunk-maker.—An invention for an improved method of manufacturing portmanteaux.\*
5845. 17th October. JOSEPH BURNET MOIR, of Invercargill, New Zealand, Tinsmith and Plumber.—An invention entitled "Moir's Natural Water-filter."
5846. 18th October. ROBERT WALKER, of Stuart Street, Dunedin, Tinsmith.—An invention for a new and improved milk-can, entitled "The Climax."
5847. 22nd October. JOHN CUNNINGHAME MONTGOMERIE, of the "Water of Ayr" and "Tam O'Shanter" Hone Works, Dalmore, Stair, Ayr, Scotland, Manufacturer.—An invention for improvements in the extraction of gold and silver from ores, or compounds containing the same, and in apparatus applicable for use in the treatment of such materials by means of solvents.\*
5848. 22nd October. WILLIAM GORDON CUMMING, of Mangamahoe, Masterton, Wellington, New Zealand, Settler.—An invention for improvements in sawing-machinery.\*
5849. 18th October. JAMES GRAY, of Dunedin, New Zealand, Engineer.—An invention entitled "Gray's Annular-chambered Seed-canister."
5850. 20th October. ALEXANDER THOMSON, of Kelso, Otago, New Zealand, Farmer.—An invention entitled "Thomson's Improved Automatic Seed-sowing Canister."
5851. 25th October. EDWARD DIXON, of Masterton, New Zealand, Coachbuilder.—An invention for improvements in two-wheeled vehicles, to be called "Dixon's Lever- and Slide-adjuster."\*
5852. 25th October. WALTER GREENSHIELDS, of Cobden Street, Auckland, New Zealand, Bracist.—An invention for hygienic shoulderettes.\*
5853. 22nd October. THOMAS GEORGE AUSTIN, of Derby Street, Gisborne, New Zealand, Printer.—An invention for a silt-bucket for keeping tanks clean, to be called "Austin's Improved Self-cleaning Bottle Water-tank."
5854. 27th October. CHARLES EDWARD SHORTT, of Foxton, New Zealand, Accountant.—An invention for an improved nut-locking device.\*
5855. 27th October. JAMES DALY, of Blackheath, New South Wales, Licensed Victualler.—An invention for improvements in electrodes for use in secondary batteries.\*
5856. 25th October. CHARLES ATKIN, of Elliott Street, Auckland, New Zealand, Carriage-builder.—An invention for improvements to omnibuses, to be called "Atkin's Dust- and Mud-preventer."
5857. 26th October. JOHN THOMSON, of Invercargill, New Zealand, Draper.—An invention for carrying cash and papers from salesmen or saleswomen to cashiers, and returning necessary change and receipted accounts, for use in shops, to be called "The Golden Wheel Cash Railway."
5858. 29th October. ROBERT BELL, of 29, Lynedoch Street, Glasgow, North Britain, Doctor of Medicine and a Fellow of the Faculty of Physicians and Surgeons.—An invention for improvements in the means and apparatus for heating and ventilating railway-carriages and other places.
5859. 29th October. WILLIAM HENRY GILES, Manufacturer, of Tinakori Road, and CHARLES VERE HODGE, Clerk, of Dock Street, both in Wellington, New Zealand.—An invention entitled "Galtier's Crystal Soap."\*
5860. 31st October. OSCAR BRÜNLER, of Eutritzsoh, Leipzig, Germany, Engineer.—An invention for petroleum-motor contrivance, for pressing the petroleum into the gasificator by means of the air-current introduced for the formation of the mixture.
5861. 27th October. JAMES GRAY, of Dunedin, New Zealand, Engineer.—An invention for a self-contained combination seed-hopper and shield.\*

5862. 27th October. NEIL SUTHERLAND, of Dowling Street, Dunedin, New Zealand, Manufacturing Chemist.—An invention for converting the by-products in the iodine and alkali manufactures into an active agent for the decomposition and solution of various raw materials for manufacturing purposes, to be called "Sutherland's Solvent."
5863. 1st November. ALEXANDER FRANCIS GARDEN BROWN, of Swindridge Muir, Dalry, Ayr, Scotland, Gentleman.—An invention for improvements in rotary engines, pumps, and blowers.
5864. 1st November. WILLIAM HAWKINS and THOMAS HAWKINS, both of 38, Queen's Road, Buckland, Portsmouth, England, Mechanics.—An invention for improvements in and relating to generating fluid-pressure for motive-power and other purposes.
5865. 1st November. THE SELF-THREADING SEWING-MACHINE COMPANY, of New York, United States of America, Manufacturers.—An invention for improvements in sewing-machines.
5866. 1st November. MARCUS WILLIAM LOWINSKY, of London, England, Engineer.—An invention for improvements in wheels for vehicles.
5867. 1st November. WILLIAM STONE, of No. 30, Mary Street, St. Kilda, Electrical Engineer, CHARLES RALSTON, of No. 14, Armadale Street, Armadale, Electrical Engineer, JAMES GREGG, of North Road, Elsternwick, Ironmonger, and WILLIAM ALFRED HOLMES, of Storey Street, Parkville, Electrical Engineer, all near Melbourne, Victoria.—An invention for improvements in lamps for burning the vapour of liquid hydrocarbons.\*
5868. 1st November. HENRY BLAND, of Norton Street, Leichardt, near Sydney, New South Wales, Engineer.—An invention for an improved sheep-shearing machine.
5869. 1st November. HENRY BLAND, of Norton Street, Leichardt, near Sydney, New South Wales, Engineer.—An invention for improved gear for driving small machines, such as those used for sheep-shearing purposes.
5870. 2nd November. HAROLD JAMES AUGUSTUS PYKE, of Devonport, Auckland, New Zealand, Commission Agent.—An invention for a provision-safe.
5871. 29th October. WILLIAM WOODCOCK LEATHERBARROW, of Whangarei, New Zealand, Farmer.—An invention for an improvement for making washing-fluid, to be called "Washing and Disinfecting Fluid."
5872. 29th October. JOHN YOUNG, of Insurance Buildings, Auckland, New Zealand, Mining Agent.—An invention for improvements in the process for extracting metals from their ores by the known processes of leaching or lixiviation, chlorinating, cyanide, amalgamation, or any process necessitating filtration.\*
5873. 31st October. HUGH LAING MAINLAND, of Burke's, near Dunedin, New Zealand, Mechanical Engineer.—An invention for an apparatus for feeding sheep, to be called "The Inverted Bag Sheep-feeder."
5874. 1st November. CHARLES ULRICH, Accountant, and ADOLPH KOHN, Jeweller, both of Auckland, New Zealand.—An invention for a cooler and curer for preserving and salting meat, fish, dairy-produce, and similar articles, also for tanning purposes, to be called "The Excelsior Preserving and Tanning Machine."\*
5875. 5th November. REGINALD FOSTER, of Christchurch, New Zealand, Gentleman.—An invention for combination knife and brand.
5876. 3rd November. JAMES MANSFIELD GELLING, of Auckland, New Zealand, Clerk.—An invention entitled "The Perfect Secret Ballot-box."
5877. 4th November. WILLIAM JOHN COUSINS and JAMES FREDERICK COUSINS, both of Lorne Street, Auckland, New Zealand, Coachbuilders, trading as "Cousins and Cousins."—An invention for an improved wheel-guard.
5878. 7th November. JOHN DRENNAN CURTIS, of 210, Lincoln Street, Worcester, Massachusetts, United States of America, Manufacturer.—An invention for barbed wire.
5879. 7th November. LOUIS TEWELES and THOMAS ROBINSON, of Dale Mill, Paterson, New Jersey, United States of America, Mechanical Engineers.—An invention for pickers for looms.
5880. 7th November. STEPHEN WILLIAM LESTER, of Sydenham, Canterbury, New Zealand, Carpenter, and CHARLES ARTHUR LEES, of 27, Antigua Street, Christchurch, New Zealand, Clerk.—An invention for a new or improved grain- or seed-separator.\*
5881. 3rd November. ANDREW JACK the Younger, of Wade, Auckland, New Zealand, Farmer.—An invention for straining, fastening, and mending when broken, wire for fencing or other purposes, to be called Jack's Wire-strainer, -fastener, and -mender."\*
5882. 8th November. WILLIAM TOOGOOD, of Featherston, New Zealand, Storekeeper.—An invention entitled "Toogood's Improved Combined Fibre-dressing, Cleansing, Scutching, and Hackling Machine."\*
5883. 8th November. LOUIS BLOCK, of New York, United States of America, Engineer.—An invention for improvements in gas-compressing and refrigerating apparatus.
5884. 10th November. FREDERICK DE JERSEY CLERE, of Wellington, New Zealand, Architect.—An invention for improvements in the construction of window-sashes, to facilitate cleaning and other purposes.
5885. 3rd November. JOHN MORSE HENTON, of Auckland, New Zealand, Printer.—An invention entitled "Henton's Summum Bonum Chair or Raft," application of air-cushions to any kind of chair."\*
5886. 11th November. GUSTAF DILLBERG, of Womerah Avenue, Darlinghurst, Sydney, New South Wales, Electrician, and ERNEST JOHN GREENSTREET, of 24, Bond Street, Sydney aforesaid, Architect.—An invention for a means for advertising at night or in dark places from a moving object.
5887. 14th November. ROBERT MARK AITKEN, of Reefton, New Zealand, Instructor, School of Mines.—An invention for a roller-amalgamator (for the amalgamation of gold and silver, and



- the saving of fine gold and floured mercury lost from batteries), to which a current of electricity is applied for the purpose of keeping the mercury bright and clean.\*
5888. 14th November. PHILIP ASHBERRY, Manager, and WALTER BARNES, Ivoryworker, both of Sheffield, England.—An invention for improvements in the construction of mechanical clippers for wool or hair.
5889. 14th November. HENRY HOWORTH, of Wellington, New Zealand, Solicitor.—An invention for improvements in the manufacture of an explosive compound and the method of applying same in practical use. (J. J. O. McArdell.)
5890. 8th November. JAMES FAWCETT FARRA, of Dunedin, New Zealand, Tinsmith.—An invention for preventing pots and pans boiling over when on a hot plate, and entitled "Farra's Pot-stand for Stoves."
5891. 10th November. WILLIAM ANDREWS and ARTHUR WARD BEAVEN, trading together under the style or firm of "Andrews and Beaven," of Christchurch, New Zealand, Engineers.—An invention for improvements in clover threshing, shelling, and cleaning machines.
5892. 10th November. JOHN MARSHALL, of Springston, Canterbury, New Zealand, Mechanic.—An invention for an improved grain- and seed-dressing machine.
5893. 10th November. JOHN ANDERSON, of Rangiora, Canterbury, New Zealand, Seedsman.—An invention for an appliance for collecting stones on field or road, filling ruts, and for other similar purposes, to be called "Anderson's Stone-gatherer."
5894. 12th November. ABIEL GIFFORD HOWLAND, of Christchurch, New Zealand, Coachbuilder.—An invention for an improved scroll-spring two-wheeled phaeton.
5895. 14th November. EDWARD THOMAS WILLIAMS, of Malvern, Melbourne, Victoria, Builder, and BENJAMIN COCKSHUTT FRYER, of St. Kilda, Melbourne, aforesaid, Agent.—An invention for improvements in clothes-pegs.\*
5896. 14th November. ROBERT FERGUSON, of Grosvenor Street, Moonee Ponds, Victoria, Engineer.—An invention for improvements in connection with milking-machines.
5897. 14th November. HAROLD RICHARD CARTER, of 533, Collins Street, Melbourne, Victoria, Merchant.—An invention for an improved combination billiard- and dining-table. (D. Carter.)\*
5898. 14th November. JOHN HORACE O'BRIEN, of East St. Kilda, Victoria, Mechanic, and LEWIS HENRY NELSON, of East Melbourne, Victoria, Importer.—An invention for an improved lock-nut and bolt.\*
5899. 15th November. HUGH DIXSON, trading as "Dixson and Sons," of Park and Elizabeth Streets, Sydney, New South Wales, Tobacco- and Cigarette-manufacturer.—An invention for improvements in cigarette-machines.
5900. 15th November. JOSEPH GEORGE NASH, of Adelaide, South Australia, Engineer.—An invention for improved gear for driving machines for shearing sheep and other animals.
5901. 15th November. ALFRED HENRY CONEY, of No. 311, Chapel Street, Prahran, near Melbourne, Victoria, Shoemaker.—An invention for improvements in and relating to the soles of boots and shoes for the purposes of ventilation.\*
5902. 15th November. HENRY WILLIAM POTTER, of Wellington, New Zealand, Architect.—An invention for a new or improved mechanical index.\*
5903. 8th November. THOMAS MOORE BRYANT, of Surrey Hills, Auckland, New Zealand, Commission Agent.—An invention for compensating draught-plate ventilator.\*
5904. 14th November. JAMES ATKINSON, of Otahuhu, Auckland, New Zealand, Watchmaker.—An invention for an improved window-fastener.\*
5905. 17th November. JOHN MARSHALL, of Springston, Canterbury, New Zealand, Mechanic.—An invention for an improved machine for coiling and running out barbed or other wire.
5906. 19th November. JENS NIELSEN, of 172, Gamle Kongevej, Copenhagen, Denmark, Manufacturer.—An invention for improvements in milking-machines.\*
5907. 19th November. DONALD WILLIAM McLEAN, of Hinds, Canterbury, New Zealand, Farmer.—An invention for an improved wool-press.
5908. 21st November. WALTER SWAIN and WILLIAM PHILLIPSON, both of Hillfold Mill, Astley Bridge, near Bolton, Lancaster, England, Pneumatic-tyre Manufacturers.—An invention for improvements in the construction of wheels and tyres for carriages, bicycles, tricycles, and other road-vehicles.
5909. 21st November. EDWARD NOYES, of 32, O'Connell Street, Sydney, New South Wales, Merchant.—An invention for an improved clinch-rivet.
5910. 19th November. WILLIAM HENRY TRAVIS, of Christchurch, New Zealand, Saddler.—An invention for improved method of making harness out of wire or similar material, to be called "The Ashley Improved Harness-gear."\*
5911. 15th November. HARRY KINNAIRD HOVELL, of William Street, North Shore, Auckland, New Zealand, Authorised Surveyor.—An invention for the wedged gun and projectiles with connecting-chain.\*
5912. 23rd November. WILLIAM HENRY HAMILTON, of White's Bay, Blenheim, New Zealand, Telegraphist.—An invention entitled "Hamilton's Series of New Zealand Galvanic Batteries."\*
5913. 23rd November. GEORGE HAMLIN, of Napier, New Zealand, Cabinetmaker.—An invention for improvements in riding-saddles, pack-saddles, harness-saddles, and horse-collars.\*
5914. 21st November. WILLIAM DUNCAN ROSS McCURDIE, of Dunedin, New Zealand, Surveyor.—An invention for working calculations in plane trigonometry, to be called "McCurdie's Quadrant."
5915. 22nd November. JAMES HENDERSON, of King Street, Timaru, New Zealand, Blacksmith.—An invention for improvements in manure feed-drill.\*



5916. 23rd November. ROBERT SEALAND BOWMAN, of Christchurch, New Zealand, Furniture-dealer.—An invention for an improved revolving occasional-table and writing-table combined.
5917. 25th November. SIDNEY SOFFE, of Manners Street, Wellington, New Zealand, Upholsterer.—An invention for an improved mattress-attachment for bedsteads.\*
5918. 23rd November. RICHARD SIMMONS SMITH, of Coromandel, Auckland, New Zealand, Storeman.—An invention entitled "Smith's Improved Gripper."
5919. 28th November. EDISON UNITED PHONOGRAPH COMPANY, a company duly incorporated under the laws of the State of New Jersey, United States of America.—An invention for phonographs, especially recording and feeding devices therefor. (T. A. Edison.)
5920. 23rd November. GEORGE HENRY EVANS, of Riverton, New Zealand, Mining Manager.—An invention for improvements in fixing hydraulic nozzles, and entitled "Evans's Hydraulic Reducing Jet and Nozzle."
5921. 25th November. BENJAMIN GREENWOOD, of Dunedin, New Zealand, News Agent.—An invention for further improvements in the setting and arrangements of flues of portable washing and other coppers, and entitled "Greenwood's Domestic Washing-boiler."
5922. 24th November. JOHN HOWARD DALTON, of 210, Queen Street, Auckland, New Zealand, Tailor.—An invention entitled "Dalton's Check-measurer," a contrivance to show at sight the measurement of any quantity of material, sold or unsold, in the soft-goods trade.
5923. 24th November. FRANK OAKDEN, of Dunedin, New Zealand, Manager of the Millburn Lime and Cement Company (Limited).—An invention to be called "The Scientific Screw-conveyer."\*
5924. 1st December. GEORGE JOHNSTON, Farmer, DAVID TAYLOR, Blacksmith, and DAVID BREMNER, Wheelwright, all of Waverley, New Zealand.—An invention for an apparatus to be called "The Waverley Dagging Crusher and Wool-cleaner."
5925. 1st December. EDWARD STEPHENS MCGILL, of Gore, Otago, New Zealand, Builder and Contractor.—An invention for catching and trapping rabbits and other animals, and extracting them from their burrows, to be called "A Rabbit-trap and Vermin-extractor."\*
5926. 1st December. FREDERICK COLVILLE, of Temuka, New Zealand, Millwright.—An invention for removing chaff and cavings from threshing-mills, to be known as "Colville's Reliant Self-chaffey."\*
5927. 2nd December. OSCAR SCHLESINGER, of 7, Tredegar Square, Bow, Middlesex, England, Engineer.—An invention for a depolarising liquid for galvanic batteries.
5928. 29th November. PETER DUNCAN and DAVID DUNCAN, of Christchurch, New Zealand, Agricultural-implement Makers.—An invention for an improved seed-canister for distributing turnip and other small seed.
5929. 1st December. FREDERICK HOLLAND and HENRY HOLLAND, both of Greendale, Canterbury, New Zealand, Farmers.—An invention for an improved gorse-cutting apparatus to be attached to the front of a traction-engine.
5930. 1st December. ABIEL GIFFORD HOWLAND, of Christchurch, New Zealand.—An invention for an eccentric shaft-end iron, with spring anti-rattler attached, to couple shafts to four-wheeled vehicles.
5931. 30th November. BARTHOLOMEW WARD, of Oxford North, Auckland, New Zealand, Contractor.—An invention for an improved apparatus for cutting ferns, small tea-tree, and some other plants or shrubs.\*
5932. 1st December. JOSEPH HARRISON, of Pukekohe, Auckland, New Zealand, Plumber.—An invention entitled "Harrison's Rapid-filtering Tank-filter."
5933. 5th December. JAMES WARNE CHENHALL, of Totnes, Devonshire, England, Civil, Mining, and Metallurgical Engineer.—An invention for improvement connected with the extraction of metals from their ores.
5934. 5th December. GEORGE HERBERT ELLIS, of Heathfield, Lansdown Grove, Neasden, Middlesex, England, Engineer.—An invention for improvements in camp-stools and the like.
5935. 5th December. STEPHEN WILLS VALE, of Forest Lodge, near Sydney, New South Wales, Mining Engineer, and WILLIAM CAIRD HALLIDAY, of Erskine Street, Sydney aforesaid, Mechanical Engineer.—An invention for improvements in amalgamating machines having rotary mullers and stationary pans.
5936. 5th December. JOSEPH WILLIAM SUTTON, of Eagle Street, Brisbane, Queensland, Engineer.—An invention for improvements in the separation of gold from its chloride solution.
5937. 5th December. JOHN HARTNETT, of Bay View Villa, Oakleigh, Victoria, Engineer.—An invention for an apparatus for automatically destroying the vacuum in the teat-tubes of milking-machines when the animal is sufficiently milked.
5938. 5th December. HUGH DIXSON, trading as "Dixson and Sons," of Park and Elizabeth Streets, Sydney, New South Wales, Tobacco- and Cigarette-manufacturer.—An invention for improvements in the manufacture of cigarettes, and in machines therefor.
5939. 5th December. WILLIAM LAWRENCE FOSTER, of Stafford Terrace, Kensington, Middlesex, England, Gentleman.—An invention for an improved holder for the guards of carving-forks.
5940. 7th December. SAMUEL LYNDBURST PARKER, of Belford Street, St. Kilda, Victoria, Metallic Printer.—An invention for improvements in printing machinery and process in connection therewith.\*
5941. 3rd December. ALEXANDER THOMSON, of Kelso, Otago, New Zealand, Farmer.—An invention for improvements in agricultural machinery, to be known as "Thomson's Drill, Grubber, and Thinner."
5942. 9th December. WILLIAM THOMAS MACK, of Wellington, New Zealand, Plumber.—An invention for an improved telephone-index.

5943. 9th December. JOSEPH CAWTE BUTLER, of Cuba Street, Wellington, New Zealand.—An invention for an improved window-fastener.\*
5944. 9th December. HENRY ABEL FLATMAN, of 27, Queen Street, Christchurch, New Zealand, Engineer.—An invention for automatically recording the commands of ship's officers and others, with the time each command is given.
5945. 10th December. JOHN HENRY WALKER, of Temuka, Canterbury, New Zealand, Machinist.—An invention for an improved apparatus for automatically removing chaff, cavings, and rubbish from threshing-machines.
5946. 12th December. ARTHUR LETT, of Taranaki Street, Wellington, New Zealand, Baker.—An invention for an improved raft or water-velocipede.\*
5947. 9th December. DAVID RANKEN SHIRREFF GALBRAITH, of Bell Road, Remuera, Auckland, New Zealand, Fellow of the Institute of Chemistry of Great Britain and Ireland, Analytical Chemist, and PIERCE LANIGAN, of Ponsonby Road, Auckland aforesaid, Contractor.—An invention for improved aerated waters.\*
5948. 14th December. DANIEL WHITBURN, of Auckland, New Zealand, Manufacturer.—An invention called "Drop it," a new scientific game.\*
5949. 15th December. JOHN LANG CAMPBELL, of Bowral, New South Wales, Auctioneer.—An invention for an improved process and means for the preservation of milk.
5950. 15th December. JOHN REILLY, of Hurstville, near Sydney, New South Wales, Railway-guard.—An invention for an improved method and means for exhibiting by night or in darkness white, coloured, and parti-coloured signals, signs, and devices.
5951. 15th December. WILLIAM CHAPMAN, Fitter, and WILLIAM HENRY BLYTHE, Merchant, both of Wanganui, New Zealand.—An invention for improved apparatus for cleaning cocksfoot and rye-grass seeds.\*
5952. 15th December. WILLIAM McKEEGAN, of Wellington, New Zealand, Engineer.—An invention for improvements in refrigerating machinery.\*
5953. 16th December. EVERARD CECIL FARR, of Constable Street, Newtown, Wellington, New Zealand, Draughtsman.—An invention for an instantaneous copying-press.\*
5954. 14th December. ROBERT WALKER, of Stuart Street, Dunedin, New Zealand, Tinsmith.—An invention for cooling milk, cream, or other liquids, to be called "Walker's Champion Milk-and Cream-cooler and Aëerator."\*
5955. 15th December. MOSES BATE, of Brighton Road, Parnell, Millwright, and ROBERT GARRETT, of Fort Street, Gum Merchant, both of Auckland, New Zealand.—An invention for an improved apparatus for cleaning kauri-gum, wheat, and some other substances: applicable also for separating ironsand, quartz, and some other materials.
5956. 21st December. THEODORE JOSHUA RASHLEIGH, of 266, Barker's Road, Hawthorne, near Melbourne, Victoria, Metal-worker, and JOHN HERN, of 30, Bourke Street, Melbourne, Victoria, Hygienist.—An invention for improvements in the construction of sanitary utensils for bedrooms, dry-earth closets, and house-slops.
5957. 21st December. CHARLES BURGON and HARRY BURGON, both of Malin Bridge, near Sheffield, York, England, Sheep-shear Manufacturers.—An invention for improvements in apparatus for shearing or clipping sheep or other animals.
5958. 21st December. WILLIAM SILVER, of Tamworth, New South Wales, Engineer, NATHAN COHEN, of the same place, Stock and Station Agent, and BENJAMIN FRANCIS MARKS, of Sydney, New South Wales, Merchant.—An invention for improvements in machines for shearing and clipping wool and cutting hair.
5959. 21st December. ERNEST LESLIE RANSOME, of Oakland, State of California, United States of America, Manufacturer.—An invention for concrete-mixing machine.
5960. 21st December. JOHN JOSEPH HARRISON, of 83, New Oxford Street, County of Middlesex, England, Designer and Draughtsman.—An invention for improvements in and connected with receptacles for matches and other articles, and for exhibiting advertisements, photographs, or the like.
5961. 21st December. SAMUEL PURDIE, of No. 10, Gibden Steeet, Burnley, near Melbourne, Victoria, Mineralogist.—An invention for a process and apparatus for manufacturing tannin or tan-liquor from wood.
5962. 21st December. MAX PINCUS, of Hargreaves Street, Castlemaine, Victoria, Chemist.—An invention for improved coupling-contrivances for railway-trucks and -carriages.\*
5963. 17th December. FREDERICK WALTER PAGE, of Chertsey, Canterbury, New Zealand, Labourer.—An invention for a fencing-staple, to be called "Page's Fencing-staple."
5964. 20th December. HENRY ABEL FLATMAN, of 27, Queen Street, Christchurch, New Zealand, Engineer.—An invention for a protecting and strengthening attachment for brooms.
5965. 21st December. WILLIAM McFARLANE, Plumber, and DAVID BOWER, Tinsmith, both of Caversham, New Zealand.—An invention for testing the power of a handgrip, and entitled "Penny-in-slot Grip-machine."
5966. 23rd December. FRANK CURTIS, Kirkwood House, Moray Place, Dunedin, New Zealand, Manufacturer.—An invention for a medicine to be called "Frank Curtis' Figine," for the cure of constipation.
5967. 22nd December. JAMES KEIR, of Ashburton, New Zealand, Machinist.—An invention for an elevating fan for threshing-machines, to be called "Keir's Elevating Fan."\*
5968. 23rd December. JAMES COPELAND, of Toi, Brunswick Line, near Wanganui, New Zealand, Farmer.—An invention for complete wire-strainer.\*
5969. 23rd December. GEORGE SARGENT JAKINS, of Christchurch, New Zealand, Grain Merchant.—An invention for an improved butter-worker.\*
5970. 28th December. JAMES DRUMMOND, of Kirwee, Canterbury, New Zealand, Blacksmith.—An invention for improvement in twitch-grubber and land-pulveriser.\*

5971. 28th December. ROBERT KILPATRICK, of Main Street, Lilydale, Victoria, Gentleman.—An invention for improvements in electrical apparatus for sending either automatic or telephonic messages to a fire-engine house or other station. (J. Birchall.)
5972. 28th December. JOHN FRANCIS BOTTING, of Lovell's Flat, Otago, New Zealand, Teacher.—An invention for "Decimal Bricks," a series of blocks designed to illustrate and to assist in teaching the decimal system of calculating.
5973. 30th December. GEORGE STAFFORD, of Wellington, New Zealand, Flax-dresser. — An invention for an improved machine for washing, dressing, and drying New Zealand flax and other fibrous material.\*

I.—NUMBER of APPLICATIONS for PATENTS from Persons residing in New Zealand and other Colonies and Countries in each of the Years 1890, 1891, and 1892.

	1890.	1891.	1892.		1890.	1891.	1892.
New Zealand .. .. .	352	313	362	Norway .. .. .	..	1	..
Argentine Republic .. .. .	1	..	..	Portugal .. .. .	..	1	..
Austria .. .. .	..	1	..	Queensland .. .. .	6	8	4
Belgium .. .. .	1	..	..	South Africa .. .. .	3	..	2
British Columbia .. .. .	..	1	..	South Australia .. .. .	13	9	7
Canada .. .. .	..	7	3	Sweden .. .. .	3	..	..
Denmark .. .. .	..	..	1	Switzerland .. .. .	..	1	..
France .. .. .	6	2	1	Tasmania .. .. .	3	1	1
Germany .. .. .	6	5	2	United Kingdom .. .. .	90	88	83
Italy .. .. .	..	..	1	United States .. .. .	21	25	37
Japan .. .. .	..	..	1	Victoria .. .. .	52	69	53
New South Wales .. .. .	57	60	49	Western Australia .. .. .	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, 1891, and 1892.

	1890.	1891.	1892.		1890.	1891.	1892.
New Zealand .. .. .	89	87	178	New South Wales .. .. .	7	11	21
Austria .. .. .	3	..	..	Queensland .. .. .	..	1	..
Ceylon .. .. .	..	1	..	Russia .. .. .	..	1	2
Cuba .. .. .	4	..	..	South Australia .. .. .	2	2	1
France .. .. .	2	17	9	Switzerland .. .. .	..	1	1
Germany .. .. .	..	1	2	Tasmania .. .. .	..	..	1
Holland .. .. .	3	2	1	United Kingdom .. .. .	40	73	57
India .. .. .	1	..	..	United States .. .. .	8	13	10
Natal .. .. .	..	1	..	Victoria .. .. .	8	17	11

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, Wellington.

*British.*—Specifications, 1617–1700, 1751–1800, 1800–1891. Plans to English specifications. Abridgments of specifications. Reference indexes of patentees and inventions. Chronological indexes of patents. Subject-matter 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, and 1891 and 1892. General index of Official Gazette and monthly volume of patents, 1872–1878. Canadian Patent Office record up to end of 1891 and half 1892.

*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. Patent Office supplements to the *New South Wales Gazette*.

*Victoria.*—Specifications of patents, 1870, 1871, 1872, 1880, 1882, 1887, 1890, and 1891. Patent Office supplements to the *Victoria Gazette*. Indexes of patents and patentees, 1891 and 1892.

*Queensland.*—Specifications of patents, 1889 and 1890. Patent Office supplements of the *Queensland Government Gazette*.

*New Zealand.*—Specifications of inventions and letters patent from 1861 to 1879. Patent Office supplements to the *New Zealand Gazettes*, containing information relative to patents, trade-marks, &c.

*Approximate Cost of Paper.*—Preparation, not given; printing (1,350 copies), £17 10s.

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