

1885.

NEW ZEALAND.

LETTERS PATENT AND LETTERS OF REGISTRATION

APPLIED FOR DURING 1884.

[L.R. means Letters of Registration.]

Presented to both Houses of the General Assembly by Command of His Excellency.

989. 3rd January. THOMAS R. ROSIER, of Christchurch, New Zealand.—An invention for cleaning and separating grain, called “The Rosier Fanning Mill and Grain Separator.”
992. 7th January. WILLIAM EDWARDS, of Christchurch, New Zealand, Pattern-maker. — An invention for straining or tightening wires on fences, to be called and known as “Edwards’s Self-locking Strainer.” (Lapsed.)
993. 11th January. DONALD DONALD, of Masterton, New Zealand, Sheepfarmer. — An improved clothes-mangle.
994. 11th January. CHRISTIAN JULIUS TOXWARD, of Wellington, New Zealand, Architect.—Improvements in tents and temporary houses, for military and other purposes (being a communication to him from abroad, by J. G. C. Van Docker, of Copenhagen, in the Kingdom of Denmark).
995. (L.R.) 11th January. RICHARD JOHN SANKEY, of London, England, Farmer.—Improvements in stoppering bottles for containing aerated or gaseous liquids.
996. 17th January. WILLIAM WRIGHT, of 99 and 101, Little Bourke Street West, Melbourne, Victoria, Engineer.—An improved coupling for the rods of those boring machines whose rods have a jumping motion. (Lapsed.)
997. 17th January. HORACE STEVENS, of 94, Collins Street East, Melbourne, Victoria, Dental Practitioner.—An improved method of automatically opening or closing valves or cocks at any given period of time.
998. 17th January. NEIL BUCHANAN, of Lyell Street, Emerald Hill, Victoria, Engineer.—Improvements in cradles for attachment to reaping and binding machines. (Lapsed.)
999. 17th January. DAVID EDWARDS, of Elizabeth Street, Melbourne, Victoria, Engineer; and EDWARD HONEY, of 190, Bourke Street West, Melbourne aforesaid, Accountant.—Improvements in cradles for attachment to reaping and binding machines. (Lapsed.)
1000. 17th January. EDWARD B. ORNE, of Philadelphia, State of Pennsylvania, United States of America.—Improvements in and relating to wheels and axles for railway vehicles. (Lapsed.)
1001. 17th January. FREDERICK FIVEN, of Christchurch, New Zealand, Saddler, temporarily residing at Melbourne, Victoria.—An improved spring-bar for saddles.
1002. (L.R.) 16th January. STANLEY CHARLES CUTHBERT CURRIE, of 22, Clarges Street, Piccadilly, in the County of Middlesex, England, Gentleman.—Improvements in the construction and arrangement of the cores and armatures and other parts of electro-magnets.
1003. (L.R.) 16th January. HOLMES SAMUEL CHIPMAN, of 17, Little Collins Street West, Melbourne, Victoria, Merchant.—An improved spring for vehicles.
1004. 24th January. STEPHEN OSBORNE, of Buxton Street, North Adelaide, South Australia, Mining Engineer, and ANDREW THOMAS, of Gresham Street, Adelaide, South Australia, Analytical Chemist.—An improved method of extracting gold and silver from certain of their ores, and utilizing some of the other products of the process.
1005. 19th January. WILLIAM McLAUGHLIN, of Puhinui, Auckland, New Zealand, Engineer; and WILLIAM DUNWOODIE, of Onehunga, Auckland aforesaid, Engineer.—An invention for lifting hay, to be called “Twin Horse Hay-forks.”
1006. 28th January. MARMADUKE CLARKE, of Tomoana, Hawke’s Bay, New Zealand, Manager of Works.—A machine for pressing the tops into meat tins or other tins.
1007. (L.R.) 25th January. THOMAS PARKER and PAUL BEDFORD ELWELL, both of Wolverhampton, Stafford, England, Electrical Engineers.—Improvements in electric lighting, and in apparatus connected therewith.
1008. (L.R.) 25th January. ROBERT PUNSHON and ROBERT ROBINSON VIZER, both of London, England.—An improved method of and apparatus for utilizing an explosive compound for blasting or other purposes.
1009. (L.R.) 25th January. THE CONSOLIDATED ELECTRIC COMPANY (LIMITED), of 110, Cannon Street, London, England.—Improvements in or connected with secondary batteries.
1010. (L.R.) 25th January. THE CONSOLIDATED ELECTRIC COMPANY (LIMITED), of 110, Cannon Street, London, England.—Improvements in electric current measuring and governing apparatus.

1011. (L.R.) 25th January. THE BLACKMAN AIR PROPELLER VENTILATING COMPANY (LIMITED), of 17, Austin Friars, London, England.—Improvements in ventilating and exhaust fans. (E. P. Alexander's.)
1012. 31st January. JAMES HUGHES, of Wellington, New Zealand, Printer.—An invention for the production from photographic negatives of phototype prints in ordinary printer's ink in a printing press; and of plain or chromolithographs by the use of a combination of a phototypic and lithographic process, and to imitate for either purpose line or stippled engravings; to be called "Hughes's Phototype and Photolithographic Combination Process."
1013. 1st February. PETER DUNCAN and DAVID DUNCAN, both of Christchurch, New Zealand, Engineers.—An improved centre for skeith or circular coulter for ploughs.
1014. 23rd January. ALBERT POTTER, of Auckland, New Zealand, Woolstapler.—An invention for removing hair, wool, or other teguments off hides, skins, or pelts, to be called "Potter's Process for unhairing Hides, Skins, and Pelts." (Lapsed.)
1015. 24th January. FRANCIS HENRY AUBREY WHITCOMBE, of Auckland, New Zealand, Artist.—Whitcombe's Universal Heat-holder. (Lapsed.)
1016. 24th January. JAMES SIMPSON, of Auckland, New Zealand, Agent.—The Hook Pin.
1017. 5th February. DAVID MURRAY, Merchant, and ARTHUR WELLESLEY PARKINSON, Engineer, both of Sydney, New South Wales.—An improved machine for manufacturing air-gas from hydrocarbon liquids.
1018. 7th February. JOHN DUTHIE, of Wellington, New Zealand, Hardware Merchant.—Improvements in harvesting machines. (Bernhard Samuelson's.)
1019. 6th February. WILLIAM SPROULE, of Dunedin, New Zealand, Contractor.—Card dominos. (Lapsed.)
1020. 6th February. ROBERT TAYLOR, of Otakia, Otago, New Zealand, Blacksmith.—Shifting gear for double-furrow ploughs.
1021. 8th February. CHARLES THOMAS COOKE, of Worcester Street East, Linwood, Canterbury, New Zealand, Draper.—An invention for cleansing and taking all dirt and grease out of linen and other fabrics, and for cleansing all known substances, to be called "Cooke's Emancipation Soap." (Lapsed.)
1022. 5th February. NICHOLAS GIBBONS, of Whatipu, near Manukau Heads, Auckland, New Zealand, Millwright.—Improved cross-cut saws and vertical saws.
1023. 7th February. JOHN KING, of Devonport, Auckland, New Zealand, Surveyor, and HENRY SEDGEWICK HARROD, of Cox's Creek, Auckland, aforesaid, Fellmonger.—An invention for removing wool from sheepskins, and preparing the skin for tanning.
1024. (L.R.) 11th February. JOHN LYSAGHT, of Bristol, England, Wire-netting Manufacturer.—An improved machine for the manufacture of wire netting.
1025. 11th February. CORNELIUS LOT WHEELER, of Christchurch, New Zealand, Miller.—A machine for cutting gorse and other hedges.
1026. 13th February. WILLIAM BURNLEY BUST, of Wellington, New Zealand, Engineer.—Door-drop weather-defier. (Lapsed.)
1027. 15th February. JOHN SMITH, of Wanganui, New Zealand.—An improved portable receptacle for containing frozen meat during conveyance. (Lapsed.)
1028. 15th February. GEORGE DOWNIE, of Salinas, in the County of Monterey, and State of California, United States of America, Gentleman.—An improvement in the prevention and removal of scale in steam boilers.
1029. 7th February. CHARLES GITTUS, of College Road, Auckland, New Zealand, Bootmaker.—The climax string and sustainer.
1030. 18th February. THOMAS TURNBULL, of Hokitika, New Zealand, Harbourmaster.—A life-saving oil-ship. (Lapsed.)
1031. Cancelled. *Vide* No. 847, of 1883.
1032. (L.R.) 20th February. EDMUND TAYLOR, of Pevensey Crescent, Geelong, Victoria, Technical Chemist, and WILLIAM HUMBLE, of the Vulcan Foundry, Geelong aforesaid, Founder.—Improvements in and relating to refrigerating machines and to the manufacture of ice.
1033. (L.R.) 20th February. HENRY CHARLES SMITH, of Richmond, in the County of Surrey, England, Engineer.—Improvements in the treatment of fibre-bearing leaves and plants, for the separation of the fibres therefrom, and for the washing, drying, and bleaching of the same, and in the machinery or apparatus employed therein.
1034. 21st February. JOSHUA BARKER CARTER, of 91, Bourke Street West, Melbourne, Victoria, Importer.—An improved composition of materials, called "Terra-Cotta Timber."
1035. 21st February. RICHARD PICKUP PARK, of Normanby Road, South Melbourne, Victoria, Engineer.—Improvements in rotary engines.
1036. 25th February. DANIEL CLIMIE, of Wellington, New Zealand, Engineer.—A Floating Break-water.
1037. 23rd February. JOHN LEVY, of Upper Queen Street, Auckland, New Zealand, Cordial Manufacturer.—"Levy's Acidulator."
1038. 31st January. JAMES MACKAY, Tertius, of Suburban North, Nelson, New Zealand, Sheep-farmer.—Safety-rollers-spring Stirrup, to be called "Mackay's Safety-rollers-spring Stirrup."
1039. 26th February. DANIEL LEA, of Ashburton, New Zealand.—An invention for representing the racecourse by mechanical contrivance or machinery, which said contrivance or machinery can be used either with or without a totalizator on an actual racecourse, or can be employed alone as a means of amusement at public gatherings on holidays, or for private families. (Lapsed.)
1040. 1st March. JOHN TROUGHTON BIRCHALL, of Wellington, New Zealand, Engineer.—Improvements in the apparatus for extracting and amalgamating gold from crushed quartz and other material. (Lapsed.)

1041. 27th February. JOHN BURNS, of Sydenham, Canterbury, New Zealand, Engineer.—An invention for cutting bread, meat, and other material, to be designated "A Bread, Meat, and General Cutting Machine." (Lapsed.)
1042. 28th February. HENRY CORRICK, of Christchurch, New Zealand, Bootmaker.—An invention for nailing and plating boots and shoes, to be called "The Indestructible Connected Boot and Shoe Attachment." (Lapsed.)
1043. 3rd March. FRANZ CARL GUILLEAUME, of the firm of Felten and Guilleaume, of Carlswerk-Mulheim, on the Rhine, Germany, Wire Manufacturers.—Improvements in wire cables for haulage and like purposes.
1044. 29th February. CHARLES McQUEEN, of Dunedin, New Zealand, Engineer.—Improvement in the construction of tumblers for dredgers.
1045. 29th February. CHARLES McQUEEN, of Dunedin, New Zealand, Engineer.—Improvement for dredging buckets and links.
1046. 6th March. WALTER BROWN, of Invercargill, New Zealand, Blacksmith.—An improvement in agricultural implements, to be called "Brown's Disc Cultivator."
1047. 28th February. WILLIAM McLAUGHLIN, of Puhinui, near Otahuhu, Auckland, New Zealand, Engineer.—An invention for making drains through swamps, to be called a "Steam Drainer."
1048. 1st March. WILLIAM VICKERY, of Lower Hepburn Street, Auckland, New Zealand, Engineer.—"The Housewife's Washing-Machine."
1049. 10th March. WILLIAM HENRY MASTERS and THOMAS THEOPHILUS DRAPER, both of 55, Chancery Lane, Melbourne, Victoria, Electricians.—Improvements in telephone exchange apparatus.
1050. 4th March. THOMAS HAYCOCK, of Richmond, Nelson, New Zealand, Flax-dresser.—A skin purifier and stain eradicator, to be called "Haycock's Skin Purifier and Stain Eradicator."
1051. 14th March. EDWARD WATERS, of 87, Bourke Street West, Melbourne, Victoria, Patent Agent.—An improved method or process and apparatus for extracting metals from their ores and concentrating heavy materials. (T. R. Jordan and J. N. Longden's.)
1052. 14th March. EDWARD WATERS, of 87, Bourke Street West, Melbourne, Victoria, Patent Agent.—Improvements in machinery or apparatus for treating ores, chiefly for the extraction of precious metal therefrom. (T. R. Jordan's.)
1053. 10th March. ARTHUR STEELE FORD, of Coromandel, Auckland, New Zealand, Mechanical Engineer.—A Crystal Engine.
1054. 13th March. JOHN GEORGE GREEN, of Dunedin, New Zealand, Bootmaker.—A Flexible Shoe-lift. (Lapsed.)
1055. 18th March. ROBERT NIEDERGESAESS, of Wellington, New Zealand, Engineer.—A meat-thawing-and-drying apparatus. (Lapsed.)
1056. 21st March. THOMAS HAXTON and GEORGE BEATTIE, both of Dunedin, New Zealand, Engineers.—Improvements in fencing standards. (Lapsed.)
1057. 21st March. JAMES GRAY, of Dunedin, New Zealand, Agricultural Engineer.—A staple for fixing fencing.
1058. 22nd March. GEORGE THOMAS BOOTH, RANALD MACDONALD, and WILLIAM ROSS, of Christchurch and Sydenham, New Zealand, Implement Manufacturers.—Improvement in tine harrows. (Lapsed.)
1059. 25th March. HENRY CORRICK, of Christchurch, New Zealand, Bootmaker.—An invention for generating steam, to be called "Corrick's Inextubular Boiler." (Lapsed.)
1060. (L.R.) 20th March. HORATIO SUTHERLAND, of 66, Holborn Viaduct, London, England.—An improved quartz-crusher or mill to be used for crushing and pulverizing quartz and other minerals and materials.
1061. 26th March. ANDREW GOUDIE COSSGROVE, of Dunedin, New Zealand, Photographer.—Opal enamel. (Lapsed.)
1062. 31st March. WILLIAM ANDREWS and ARTHUR WARD BEAVEN, both of Christchurch, New Zealand, Engineers.—Improvements in chaffcutters.
1063. 4th April. ROBERT DIXON, of 107, William Street, Melbourne, Victoria, Tobacco Manufacturer.—Improvements in machinery for making plug tobacco.
1064. 5th April. WILLIAM ERNEST RICHARDSON, of Outram, Otago, New Zealand, Engineer.—An improved receptacle for containing matches or similar articles, to be known as "Richardson's Patent Match Economizer."
1065. (L.R.) 1st April. AUGUSTUS FREDERICK NAGLE, of Providence, State of Rhode Island, United States of America.—Improvements in presses for pressing bricks and concrete blocks.
1066. (L.R.) 1st April. ALFRED WILSON, of Handsworth, in the County of Stafford, England, Engineer.—Improvements in apparatus for making gas.
1067. 10th April. THOMAS R. ROSIER, of Christchurch, New Zealand, Grain-cleaning-machine Manufacturer.—An invention for cleaning grass-seed and grain.
1068. 5th April. EDWARD HUGHES ELLIOTT, of Timaru, New Zealand, Machinist.—An invention for the better-securing barbs on wires used for fencing and other purposes, so that the said barbs cannot be unlapped, or moved from or along the said wires whether the said wires are twisted with each other or not.
1069. 5th April. EDWARD HUGHES ELLIOTT, of Timaru, New Zealand, Machinist.—An invention for the cutting of wire barbs used for fencing or other purposes, to be called the "Acme Automatic Wire-Barb Cutter."
1070. 7th April. JAMES WILSON MANSFIELD, of Christchurch, New Zealand, Engineer.—An improved sheet metal standard for movable fences, to be called "Mansfield's Sheet Metal Standard." (Lapsed.)

1071. 8th April. ADOLPH JOSEPH SCHLAADT, HENRY SCHLAADT, and GEORGE SUDDEN BARTON, all of Dunedin, New Zealand, Engineers.—Water motors.
1072. 10th April. JOSHUA HARRISON, Junior, of Christchurch, New Zealand, of the firm of Corrick and Co., Bootmakers.—An invention for protecting the knees and saddle, to be called "Knee-and-Saddle Protector." (Lapsed.)
1073. 16th April. JAMES ALEXANDER, of Sydney, New South Wales, Agent.—Improvement in the construction of ships. (W. Coppin's.)
1074. 17th April. ROBERT WILCOX, of Fawkner Street, St. Kilda, Victoria, Engineer.—Improvements in steamship propellers and in machinery for driving same.
1075. 17th April. HERBERT JOHN HADDAN, of 67, Strand, London, England, Civil Engineer.—Improvements in the process or method of and apparatus for "forming" or preparing plates or elements for use in secondary batteries.
1076. 17th April. JOHN GLAS SANDEMAN, Gentleman, and PERCIVAL EVERETT, Engineer, both of London, England.—Improved apparatus for delivering prepaid goods.
1077. (L.R.) 14th April. ALLEN WESTLEY ROSE, of Farringdon Road, Middlesex, England, Engineer.—Improvements in telephones.
1078. (L.R.) 14th April. ALEXANDER LESLIE FYFE and JOHN MAIN, both of Brixton, Surrey, England.—Improvements in electric arc lamps.
1079. 16th April. THOMAS HAXTON and GEORGE BEATTIE, both of Dunedin, New Zealand, Engineers.—Improvements in chain-beltting. (Lapsed.)
1080. 19th April. ROBERT NIEDERGESAESS, of Wellington, New Zealand, Engineer.—Compound reversible freezing machine. (Lapsed.)
1081. 17th April. JOHN STEWART LITTLE, of St. Albans, New Zealand, Carpenter.—A fire-escape ladder. (Lapsed.)
1082. 17th April. JAMES MACKAY, Tertius, of Suburban North, Nelson, New Zealand, Sheep-farmer.—A key-turned standard for barbed and fence wire, and also for erecting with wire palings proof against pig and rabbit nuisance.
1083. 21st April. JAMES HUTCHISON, of Christchurch, New Zealand, Gas Inspector.—A pressure regulator and governor to control the flow of gas.
1084. 22nd April. FRANCIS BLUNDELL WARRE MALET, of Christchurch, New Zealand, Gentleman.—Improvements in standards for wire fences, to be intituled "Malet's Skeleton-case Standard." (Lapsed.)
1085. 17th April. JONATHAN PICKERING, of Birkenhead, near Auckland, New Zealand, Consulting Engineer.—An invention for extracting tallow and other fats or oils by means of bisulphide of carbon, which invention shall be called "Pickering's Bisulphide Plant."
1086. (L.R.) 21st April. THE REND ROCK POWDER COMPANY, of New York, United States of America.—Improvement in explosive compounds.
1087. (L.R.) 21st April. THE REND ROCK POWDER COMPANY, of New York, United States of America.—Improvement in blasting and blasting cartridges.
1088. 17th April. DAVIE GORDON, of Christchurch, New Zealand, Building Surveyor.—Gordon's Fire Preventative and Extinguisher.
1089. 22nd April. JOHN DOUGLASS, of Hampden, Waitaki, New Zealand, Blacksmith.—A durable barbed rimmed compulsion plough-wheel and axle.
1090. 23rd April. HENRY CORRICK, of Christchurch, New Zealand, Bootmaker.—An invention for pumping water, to be called "The Quadruple Force-pump." (Lapsed.)
1091. 24th April. FRANCIS BLUNDELL WARRE MALET, of Christchurch, New Zealand, Gentleman.—An improved advertisement hoarding, to be called "Malet's Transferable Advertisement Hoarding." (Lapsed.)
1092. 25th April. HENRY ELY SHACKLOCK, of Dunedin, New Zealand.—A portable open-fire cooking-range.
1093. 30th April. HENRY ARROW, of Waipukurau, County of Waipawa, New Zealand, Accountant.—An invention for remedying permanently and simply the deflection or sinking of the bedding, &c., used on ordinary iron bedsteads, caused by the defective expansion of the metal laths, by maintaining the constant and complete tension of such laths in a straight and firm position. (Lapsed.)
1094. 28th April. FRANCIS BLUNDELL WARRE MALET, of Christchurch, New Zealand, Gentleman.—Improved metal sole- and heel-plates for boots and shoes, to be called "Malet's Improved Sole and Heel Protectors." (Lapsed.)
1095. 29th April. JAMES KEIR, of Ashburton, New Zealand, Blacksmith.—An improved sway-bar support for reaping machines. (Lapsed.)
1096. (L.R.) 25th April. WILLIAM BARTHOLOMEW, of Doulton's Sanitary Engineering Works, Albert Embankment, County of Surrey, England.—Improvements in water waste-preventers.
1097. 25th April. JOHN CAMERON FRASER, of Coromandel, Auckland, New Zealand.—A high-speed water-motor. (Lapsed.)
1098. 3rd May. STANLEY CHARLES CUTHBERT CURRIE, of 22, Clarges Street, Piccadilly, Gentleman, and ILLIUS AUGUSTUS TIMMIS, of 2, Great George Street, Westminster, Civil Engineer, both in the County of Middlesex, England.—Improvements in the means for working and locking and interlocking railway signals and points.
1099. 3rd May. CARL WAGEMANN, of 40, Elizabeth Street, Melbourne, Victoria, Civil Engineer.—An improved method of generating heat, and an improved apparatus for carrying such method into effect. (Lapsed.)
1100. 5th May. GEORGE WILLIS NICHOL, of Invercargill, New Zealand, Merchant.—An adjustable grain-drying roof-frame. (Lapsed.)
1101. 30th April. JOHN DOUGLASS, of Hampden, Otago, New Zealand, Blacksmith.—An improved wire fastening for iron standards. (Lapsed.)

1102. 1st May. FRANCIS HENRY ASBURY, of Dunedin, New Zealand, Heating and Ventilating Engineer.—Improvement in an apparatus for drying and evaporating moisture from cereals, grain, or other material.
1103. 2nd May. WALTER COOK, of Christchurch, New Zealand, Woolclasser.—A machine for scouring wool in fleeces.
1104. 2nd May. JOHN DOUGLASS, of Hampden, Otago, New Zealand, Blacksmith.—An economical single swingletree for two- or four-horse yoke. (Lapsed.)
1105. 3rd May. WILLIAM JAMES SIMPSON, of Kirwee, Canterbury, New Zealand.—An invention for cutting chaff, to be called "An Improved Chaff-Knife." (Lapsed.)
1106. 5th May. JAMES LEES, of Oamaru, New Zealand, Sheepfarmer.—An invention for fastening wire to fencing standards in an improved manner. (Lapsed.)
1107. 3rd May. JOHN THOMPSON, of Opotiki, Auckland, New Zealand.—Zealandia Maize-planter. (Lapsed.)
1108. 22nd April. FREDERICK ARTHUR ANSON, of Peraki, in the County of Akaroa, New Zealand. Esquire.—An invention for connecting, straining, and holding the wires in a wire fence. (Lapsed.)
1109. 1st May. WILLIAM HENRY PRICE, of Sydenham, Canterbury, New Zealand, Brasscaster, and HARRY CRUMP, of St. Albans, Canterbury aforesaid, Pattern-maker.—A high-pressure double-action force-pump for the rapid delivery of water for fire extinction and garden purposes. (Lapsed.)
1110. 8th May. HENRY RENNER CASSEL, of New York, United States of America, and 52, Chancery Lane, London, England, Electrician.—An improved process and apparatus for separating and treating metals and extracting them from ores, mattes, or all other substances containing them, by means of electrolysis, part of which invention is also applicable for other purposes.
1111. 6th May. ARTHUR STEELE FORD, of Coromandel, Auckland, New Zealand, Engineer.—The Eureka Beer-receiver. (Lapsed.)
1112. 7th May. HARRY JAMES SMITH, of Great King Street, Dunedin, New Zealand, Painter.—An invention for saving life and property from fire, to be named "Smith's Life- and Property-saving Apparatus." (Lapsed.)
1113. 9th May. ROBERT McDONALD SHORT and THOMAS PEARCE, both of Dunedin, New Zealand, Plumbers.—An invention for flanged lead-headed roofing nails.
1114. 10th May. WILLIAM ERNEST RICHARDSON, of Outram, Otago, New Zealand, Engineer.—An improved Archimedian drill-stock, to be known as "Richardson's Improved Archimedian Drill-stock."
1115. 14th May. JOSEPH SPEIGHT, of Hornby, Canterbury, New Zealand, Journalist.—An invention for performing the work of steam or any other power, and to be called "Speight's Self-Motor."
1116. 9th May. WILLIAM McLAUGHLIN, of Auckland, New Zealand, Engineer.—Stump-jumping Harrow.
1117. 17th May. ROBERT STANSELL, of Timaru, New Zealand, Barbed-Wire Manufacturer.—An invention for the better straining of wires whereby a greater amount of wire can be pulled up than with the ordinary wire-strainer.
1118. 19th May. WILLIAM ELDER, of Port Chalmers, New Zealand.—An invention for applying ink to rubber or other stamps used in indorsing documents, stamping linen, paper, and other materials.
1119. 19th May. JAMES LEES, of Oamaru, New Zealand, Sheepfarmer.—An improved wire-strainer.
1120. 22nd May. JOSEPH CARTER, of Goulburn, New South Wales, Engineer.—Improvements in machines for concentrating finely-divided metalliferous material.
1121. 22nd May. EDWARD SPENCER, of 146, Canning Street North, Carlton, Victoria, Builder.—Improvements in the treatment of finely-divided auriferous material for the extraction of gold and quicksilver, the residual product being a useful pigment.
1122. 22nd May. HIPPOLYTE LEPLAY, of Paris, France, Chemist.—Process and apparatus for baryta or strontia treatment of saccharine liquors, and for production and recovery of these reagents.
1123. 20th May. WILLIAM WILKINSON, of Kaikorai, Dunedin, New Zealand.—An invention for barbing wire for fencing or other purposes, called "Wilkinson's Barbing Machine."
1124. 23rd May. JOHN WATT, of Sawyer's Bay, Otago, New Zealand, Poultry Farmer.—An invention for hatching eggs, termed "Hydro-Incubators."
1125. 19th May. DESIRE NOEL FRANCOIS GARNIER, of Auckland, New Zealand, Medical Electrician.—A galvano-electric satchel.
1126. 25th May. JAMES LEES, of Oamaru, New Zealand, Sheepfarmer.—An improved fencing brace.
1127. 29th May. THOMAS DANKS, of Christchurch, New Zealand, Engineer.—Improvements in apparatus for preventing waste of and for supplying water in fixed quantities to any place desired, to be called "Danks's Waste-water Preventative."
1128. 29th May. THOMAS DANKS, of Christchurch, New Zealand, Engineer.—Improvements in overflow-pipes to tanks, cisterns, &c., to be called "Danks's Patent Overflow."
1129. 23rd May. ALFRED PRICE, of Thames, New Zealand.—Safety-catch.
1130. (L.R.) 30th May. THE DE LA VERGNE AND MIXER REFRIGERATING COMPANY, of the City and State of New York, United States of America.—Improvements in apparatus for the manufacture of ice and for other refrigerating or cooling purposes, which invention comprises a process to be used in the same and similar apparatus.
1131. 28th May. JOHN DOUGLASS, of Hampden, Otago, New Zealand, Blacksmith.—A compound link-cutting machine.

1132. 2nd June. JAMES LEES, of Oamaru, New Zealand, Sheepfarmer.—Brake or signal shafts.
1133. 4th June. JOHN DOUGLASS, of Hampden, Otago, New Zealand, Blacksmith.—A compound shifting-gear for double-furrow ploughs.
1134. 6th June. THOMAS HAYCOCK, of Richmond, Nelson, New Zealand, Manufacturer.—The New Zealand Eureka Knife-polish.
1135. 3rd June. CHARLES WILLIAMS, of Auckland, New Zealand, Manufacturer of Grocers' Sundries.—An invention for packing and preserving paste-blackening.
1136. 5th June. ROBERT FERGUS SMITH, Painter, and JOHN EUSTACE, Tinsmith, of Dunedin.—An invention for hermetically closing tin boxes with the lid without soldering.
1137. 7th June. EDWARD WILSON, of Dunedin, New Zealand, Engineer.—An invention for fixing and securing barbed or other wire fencing to posts or standards, and entitled "Wilson's Wire Clasp."
1138. 9th June. WILLIAM EDWARD BARRY, of Narrandera, New South Wales, Miner.—An improvement in amalgamators.
1139. 9th June. CARSON WOODS, of 253, George Street, Sydney, New South Wales, Importer.—Improvements in railway cars or wagons (being a communication from Matthew Van Wormer, of Dayton, Ohio, one of the United States of America).
1140. 9th June. JOHN MACDONALD, of Sydney, New South Wales, Agent.—Improvements in telegraph posts (being a communication from J. Oppenheimer, of No. 52, Brown Street, Manchester, England, merchant).
1141. 11th June. JAMES BRUCE, of Timaru, New Zealand, Millwright and Engineer.—A grain-drying apparatus, automatic in operation.
1142. 23rd June. WILLIAM PRYOR GARDNER, of Reefton, New Zealand, Engineer and Surveyor.—Gardner's No. 1 Combined, Permanent, and Endless Wire-Rope Tramway, for the economical transportation of ores and goods over mountainous and difficult country.
1143. 23rd June. REGINALD DONKIN, of Auckland, New Zealand, Engineer.—An invention for giving alarm of fire by electricity.
1144. 21st June. RICHARD POOLE, of Dunedin, New Zealand, Agent.—Poole's Patent Safety Folding Fire-Screen, Guard, Damper, and Fuel Economizer.
1145. 21st June. JAMES GRAY, of Dunedin, New Zealand, Agricultural Engineer.—Improvements in double-furrow plough.
1146. 23rd June. RICHARD THOMAS WEBB, of Christchurch, New Zealand, Merchant.—An invention for cutting and trimming hedges, to be called "A Band-Saw Attachment."
1147. 23rd June. PETER DUNCAN and DAVID DUNCAN, both of Christchurch, New Zealand, Agricultural Implement Makers.—A combined broadcast sower and disc harrow, which may be used also either as broadcast sower or disc harrow separately.
1148. 25th June. JAMES ROBSON, of Birmingham, England, Engineer.—Improvements in obtaining and applying motive power.
1149. (L.R.) 25th June. WILLIAM BARTHOLOMEW, of Messrs. Doulton and Co.'s Sanitary Engineering Works, Albert Embankment, Lambeth, Surrey, England.—Improvements in flushing tanks or vessels for receiving water or liquid, and, when full, automatically discharging it.
1150. 26th June. SAMUEL BAWDEN, of Grahamstown, New Zealand, Mining Engineer.—Bawden's Triumph Pulverizer and Amalgamator.
1151. 28th June. JAMES GRAY, of Dunedin, New Zealand, Agricultural Engineer.—Improvements in disc harrow.
1152. 30th June. ALFRED ROBB and WILLIAM STOKES, both of Wilson's Road, in the Borough of Sydenham, New Zealand, Carpenters.—A cup-headed self-adjusting tinned-wire roofing nail, requiring no washer.
1153. 3rd July. ROBERT WOOLFORD, of O'Connell Street, North Adelaide, South Australia, Watch-maker.—Improvements in registering machines.
1154. 28th June. JOHN SPINK HUDSON, of Auckland, New Zealand, Gentleman.—Hudson's Rotary Engine.
1155. 4th July. WILLIAM THOMSON HAY, of Hokitika, New Zealand, Chemist.—An invention for making and extracting essential or volatile oil from manuka (*Melaleuca ericafolia*), and other indigenous vegetation of New Zealand by the direct application of steam.
1156. 8th July. CONRAD ICKE, of Sydney, New South Wales, Engineer.—An invention for the extraction of gold, silver, copper, lead, and other metals from pyrites and other ores and substances, such invention to be designated "Icke's Improved Cupola Oven or Furnace for the Treatment of Pyrites and other Ores or Substances."
1157. 10th July. CHARLES ASHBURNHAM FLOYD, of Eastbourne, Sussex, England.—An improvement in hansom cabs and similar vehicles.
1158. 9th July. GEORGE COOKSON, of Christchurch, New Zealand, Gardener.—Cinder-sifter.
1159. 15th July. WILLIAM RAINBOW, of Christchurch, New Zealand, Engineer.—An invention for churning, mixing, breaking-up or agitating liquids or semi-liquids generally, and called "Rainbow's Improved Churn."
1160. 15th July. WILLIAM RAINBOW, of Christchurch, New Zealand, Engineer.—An invention for raising and forcing water and other liquids by the action of a jet of steam or air injected through a nozzle and receiving-cone, fitted within a bulb or vessel, the apparatus being applicable for raising water from a well or other source, tank, vat, or ship's bilge or other place to any desired distance; also, for ejecting foul air from holds of ships and from mines, and called "Rainbow's Water-raiser and Air-ejector."
1161. 17th July. WILLIAM CREED, of Warmatta, near Corowa, New South Wales, Surveyor.—An improved machine, convertible into a wire-strainer or auger.
1162. 14th July. FRANCIS HENRY ASBURY, of Dunedin, New Zealand, Engineer.—Improvement in an apparatus for generating steam.

1163. 18th July. WILLIAM RAINBOW, of Christchurch, New Zealand, Engineer.—Improved castors for the legs of chairs, tables, or other furniture, or for the support of any other object it may be desirable to move.
1164. 18th July. WILLIAM RAINBOW, of Christchurch, New Zealand, Engineer.—A chair or rail fastening combined with iron post sleepers and connecting gauge rods, and a modification of the said chair for use with wooden sleepers, and called "Rainbow's Improved Combination Chair and Rail Gauge."
1165. 19th July. JOHN SINCLAIR, of Christchurch, New Zealand, Engineer.—An improvement in nails for roofing purposes by the amalgamation of the nail and washer in one piece, and called the "Acme" and the "Mushroom-headed" nail respectively.
1166. 23rd July. ALFRED ATKINS and FREDERICK DE JERSEY CLERE, both of Wanganui, New Zealand.—Improvements in the construction of composite walls.
1167. 17th July. WILLIAM JAMES DALTON, of Auckland, New Zealand, Civil Engineer.—An angle-guard for concrete or other works.
1168. 23rd July. JOHN ADAM BERG, of Ashburton, New Zealand, Coachbuilder.—A plan or device for the instantaneous detachment of shafts of vehicles or carriages in case of runaways or accidents.
1169. 25th July. JOSHUA BARKER CARTER, of No. 91, Bourke Street West, Melbourne, Victoria, Inventor.—An improved nose-bag for horses.
1170. 19th July. JAMES RICHARD JOHNSTON, of Auckland, New Zealand, Builder.—Johnston's Patent Revolving Shutters.
1171. 26th July. JOSEPH WALKER OAKMAN, of Sydney, New South Wales, Agent and Importer.—Improvements in closets, commodes, urinals, sinks, traps, and other depositories of offensive matters (being a communication from abroad by R. D. O. Smith, of Washington, United States of America).
1172. 23rd July. WILLIAM JAMES DALTON, of Auckland, New Zealand, Civil Engineer.—A safety-guard for vehicles and other purposes.
1173. 29th July. THOMAS DANKS, of Christchurch, New Zealand, Engineer.—Danks's Patent Gas-economizer.
1174. 31st July. GEORGE SUMMERTON, of San Francisco, in the United States of America, Gentleman.—Improvements in self-adjusting mill-stone irons.
1175. (L.R.) 1st August. PHILIP SYNG JUSTICE, of 55, Chancery Lane, in the County of Middlesex, England, but temporarily of Philadelphia, United States of America.—Improvements in the manufacture of iron (being a communication from abroad by Charles Meredith Dupuy, of the City and County of Philadelphia, United States of America).
1176. 29th July. WILLIAM THORNTON FIRTH, of Auckland, New Zealand.—An invention for saving "float gold," under the title of "W. T. Firth's Float-Gold Saver."
1177. 31st July. WILLIAM ARCHIBALD MURRAY, of Piako, New Zealand, Farmer.—An invention for straining and securing the wire in wire fences.
1178. 31st July. DANIEL BRISBANE, of Vincent Street, Auckland, New Zealand, Engraver.—An invention for a propel-wheel.
1179. 28th July. ALBERT POTTER, of Auckland, New Zealand.—An invention for cutting, scraping, and paring gum, to be called "Potter's Machine for Paring and Cleaning Gum."
1180. 5th August. WILLIAM REECE, of Christchurch, New Zealand, Merchant.—An attachment to a reaping and binding machine for gathering a number of bundles or sheaves, after the same have been tied, and laying them down together in such place as may be desired, and called the "Champion Bundle-carrier" (being a communication from abroad by Benjamin H. Warder, Asa S. Bushnell, and John J. Glessner, all of Springfield, Ohio, United States of America, Manufacturers).
1181. 6th August. HENRY HUDSON, of Sydney, New South Wales.—Improvements in street railways (being a communication to him by George Pardy, of San Francisco, California, United States of America).
1182. 6th August. WILLIAM BENNETT, of Wellington, New Zealand, Carpenter.—An invention for hanging double sashes in windows in such a manner that the one sash acts as a counter-balance to the other, thereby obviating the necessity of using sash-weights, and causing a considerable saving in their construction.
1183. 8th August. CHARLES OSBERN RALPH WALKER, of Coolart, Balnaring, Victoria, Station Manager.—An improved wire-strainer.
1184. 8th August. JOSEPH BANKS, of Auckland, New Zealand.—The Pyramidal-shaped Can.
1185. 8th August. PERCY WILLIAM MONCKTON HOLT, Civil Engineer, of Auckland, New Zealand.—A hooded fire-grate for use in warming dwellings.
1186. (L.R.) 9th August. GEORGE CHARLES SPURGIN, trading under the name of Ridsdale and Company, of the Minories, in London, England, Brassworker and Engineer.—Improvements in lamps or apparatus for lighting railway carriages, and for other purposes.
1187. 12th August. DAVID SMYTHE PAPWORTH, of Masterton, New Zealand, Coach Painter.—An invention for generating heat, to be called "Papworth's Radiating Heat Generator."
1188. 9th August. EDWARD HUGHES ELLIOTT, of Timaru, New Zealand, Machinist.—An invention for the easier and more effectual straining the wires of a fence, to be called the "Acme Archimedian Wire-strainer," whereby the wire can be strained with greater ease to the operator, and after having been strained the tension is maintained without the intervention of any ratchet wheels or pawls, as in all wire-strainers now in use.
1189. 12th August. FREDERICK WILLIAM DOWDING, of Christchurch, New Zealand.—An invention for the manufacture of pure malt vinegar.

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1190. 12th August. HENRY CORRICK, of Christchurch, New Zealand, Bootmaker.—An invention for preventing chisel handles from splitting, to be called "Corrick's Splitless Chisel-handle."
1191. 9th August. JOHN EARLE, of Auckland, New Zealand, Tea Broker.—An invention for mixing teas, and called "The Zealandia Combination Tea-Mixer."
1192. 11th August. JOHN CAMERON FRASER, of Coromandel, New Zealand.—Fraser's Excelsior aerated-water-bottle stopper.
1193. 12th August. THOMAS JAMES BENNETT, of Newmarket, Auckland, New Zealand, Butcher.—"Bennett's Patent Meat-preserving Process."
1194. 14th August. JAMES HILL, of Clinton, Otago, New Zealand, Salesman.—Hill's Rotary Boot-polisher.
1195. 14th August. ERNEST GIBSON BAIRD, of Auckland, New Zealand.—An invention for preventing the bottoms of iron vessels from corrosion, to be called "E. G. Baird's Patent Enamel."
1196. 14th August. ERNEST GIBSON BAIRD, of Auckland, New Zealand.—An invention for preventing the bottoms of iron vessels from fouling, to be called "E. G. Baird's Patent Anti-fouling Composition."
1197. 25th August. DAVID DAGGETT, of the firm of G. H. Gardner and Co., Merchants, 14, South William Street, New York, United States of America, but temporarily residing at Sydney, New South Wales.—An improved ore separator and amalgamator (Golden Gate Concentrator Company, of Augusta, Maine, United States of America).
1198. 25th August. HARRY WOOD KERLE, of Sydney, New South Wales, Consulting Engineer.—Improvements in Hydraulic Elevators.
1199. 25th August. WILTON HACK, of Glen Oak, Williams River, New South Wales, Gentleman.—An improved stump-extractor.
1200. 23rd August. WILLIAM ANGELL, of Mornington, Dunedin, New Zealand, Builder and Contractor.—An invention for cleaning and purifying or otherwise washing linen, cotton, woollen, or other articles of domestic or other use, and intituled "Angell's Improved American Washer."
1201. 26th August. WILLIAM ERNEST RICHARDSON, of Outram, Dunedin, New Zealand, Engineer.—An improved butter-printing press, to be known as "Richardson's Patent Butter-printing Press."
1202. 26th August. GEORGE DAVID JONES, of Dunedin, New Zealand, Draper.—A safety-pocket for male or female attire.
1203. 29th August. EDWARD JOSEPH DOUGLAS, of 100, Collins Street East, Melbourne, Victoria, Brassfounder.—An improved apparatus for heating water.
1204. 25th August. WALTER GREENSHIELDS, of Auckland, New Zealand, Bracist.—A hygienic brace.
1205. 29th August. WILLIAM RAINBOW, of Christchurch, New Zealand, Engineer.—An invention for regulating the heat of the floors of malthouses as and when required, thereby enabling the making of malt to be carried on as easily in hot as in cool weather, and increasing the capability of production by 50 per cent., and with a great saving of manual labour; also applicable for cooling any chamber.
1206. 2nd September. WALTER COOK, of Christchurch, New Zealand, Woolclasser.—Improvements in a machine for scouring wool in fleeces.
1207. 3rd September. JOHN FREDERICK CHURTON, of Auckland, New Zealand, Wholesale Druggist.—Improvements in the method of producing vinegar and in the apparatus therefor (being a communication to him by Victor Michaelis, of Rollinger-grund, in the Grand Dukedom of Luxembourg).
1208. 4th September. JENS JENSEN, of Feilding, New Zealand, Blacksmith.—The combination kitchen-boiler and fire-stand.
1209. 4th September. CHARLES EDWARD PRICE, of Queenstown, Otago, New Zealand, Coach-builder.—Improvements on brakes for carriages and other light vehicles, to be called "Price's Noiseless Spring-Brake."
1210. 4th September. GEORGE BOULTON BROWN ELLIOTT, of 2, Sydney Terrace, East Melbourne, Victoria, Timber Merchant.—An improved portable floating apparatus for sluicing alluvial earths.
1211. 5th September. RICHARD JONES, of Dunedin, New Zealand, Engineer.—A trap for taking rabbits or other animals.
1212. 6th September. HERBERT GABY, of Wellington, New Zealand, Engineer.—An invention for the saving of gas, and increasing its illuminating power.
1213. 4th September. EPHRAIM ELLIS, of Kaikorai, Otago, New Zealand, Flock-dresser.—Improved flock-dressing machine.
1214. 6th September. WILLIAM RAINBOW, of Christchurch, New Zealand, Engineer.—An improved range-boiler tap, absolutely water-tight under any pressure; applicable to brewers' vats and barrels, or to any other vessel where heavy pressure ordinarily causes leakage; to steam water-gauges for locomotive and other boilers working with two or more taps on one and the same principle; and to gas meters.
1215. 3rd September. GEORGE FRY and CHARLES DALLISON, both of Christchurch, New Zealand, Gasfitters.—An improved gas-fire, to be called "Fry and Dallison's Radiating Bunsen Gas-Fire."
1216. 12th September. ROBERT NEWTON HELME, of 2, Gordon Street, Paddington, Sydney, New South Wales.—Improvements in ventilators.
1217. 13th September. JENS JENSEN, of Feilding, New Zealand, Blacksmith.—The combination kitchen-boiler and fire-stand.

1218. 10th September. WILLIAM WILKINSON, of Dunedin, New Zealand, Mechanical Engineer.—Improvements in washing-machine.
1219. 15th September. HENRY CORRICK, of Christchurch, New Zealand, Bootmaker.—An invention for increasing the heating surface of kitchen and other utensils, to be called "Corrick's Zealandia Kitchen Utensil."
1220. (L.R.) 16th September. RICHARD MATTHEWS RUCK, of Prospect Row, Chatham, Kent, England, Captain R.E., and EDWYN JONES, of Woodcote Dower House, Wallington, Surrey, England, Barrister-at-Law.—Improvements in apparatus for maintaining torpedoes, submarine mines, buoys, floating breakwaters, floating piers, or other floating bodies at a constant or nearly constant depth below the surface of the water.
1221. 15th September. JOHN THOMAS WARBURTON, of Port Chalmers, New Zealand, Watchmaker.—Save-all-spring Candlestick.
1222. 18th September. KARL LUCKAS BLANCK, of 132, Queen Street, Melbourne, Victoria, Engineer.—Improvements in steam engines, entitled "Blanck's Single- and Double-Arm Economical Reversible Rotary Engine."
1223. 19th September. EDWARD ACTON GIBBON, of Wellington, New Zealand.—A floating cradle breakwater, with or without a breakwind attached.
1224. 12th September. DANIEL FALLON, of Auckland, New Zealand, Contractor.—An invention for adzing and boring railway sleepers.
1225. 12th September. CHARLES DARIUS HINCKLY, of Victoria Street, Auckland, New Zealand.—Manufacturer of Woven-wire-spring Beds, &c.—An invention for manufacturing woven-wire fabrics, and called "The New Zealand Wire-weaving Machine."
1226. 15th September. HENRY GILL WILLIAMS, of Auckland, New Zealand, Cook and Ship's Purveyor.—A patent medicine, to be called "Williams's Mixture," for Corns, Fistulas, Piles, &c.; for external application only."
1227. 18th September. PETER MATZEN, of Auckland, New Zealand, Master Mariner.—Matzen's Wool-scouring Machine.
1228. 18th September. JAMES WHITAKER, of Auckland, New Zealand, Salesman.—Improvements in washing machines (being a communication to him from abroad, by Thomas Whitaker, of Bolton, England, Engineer).
1229. 18th September. HERMANN FUHRMANN, of Christchurch, New Zealand, Merchant.—An improvement in gas apparatus, by which a steady white flame is produced, and the consumption of gas much diminished, called the "Albo-Carbon Light" (being a communication to him from abroad, by H. and D. Vale, of Hamburg).
1230. 20th September. WILLIAM JAMES SIMPSON, of Kirwee, County of Selwyn, New Zealand, Miller.—An invention for trimming gorse fences, to be called the "Kirwee Gorse-cutter."
1231. 24th September. FRANCIS HUGH SNOW, of Adelaide, South Australia, Patent Agent.—Improvements in appliances for filtering water or other liquids.
1232. 20th September. CHARLES MOORE, of Dunedin, New Zealand, Saddler's Ironmonger.—The Spring-hook Hip-strap Chain.
1233. 20th September. ALEXANDER BURT, of Dunedin, New Zealand, Hydraulic Engineer.—An invention for a valve, to be called "A Combined Supply and Concussion Valve for Hydraulic Lift."
1234. 20th September. ALEXANDER BURT, of Dunedin, New Zealand, Hydraulic Engineer.—Machine, to be called "A Self-acting Safety Brake, for Hydraulic Lift."
1235. 25th September. MICHAEL COCK, of Golden Square, Sandhurst, Victoria, Mining Manager.—An improved coating for explosive compounds and cartridges.
1236. 25th September. HOLMES SAMUEL CHIPMAN, of No. 54, Margaret Street, Sydney, New South Wales, Merchant.—Improvements in reaping and binding machines.
1237. 26th September. EDWARD JOHN PEARSON, of Hamilton East, Waikato, New Zealand, Carpenter.—Carbolic Sand Soap.
1238. 23rd September. CORNELIUS LOT WHEELER, of Christchurch, New Zealand, Flour-mill Expert.—An invention for separating and purifying grain and seeds, adapted to the use of millers, farmers, seed and grain merchants, under the title of the "Genialer Grain and Seed Separating and Purifying Machine."
1239. 25th September. JOHN BURNS, of Sydenham, Christchurch, New Zealand, Engineer.—"Burns' Patent Adjustable Angular Fibre-beater."
1240. 27th September. JOHN BURNS, of Sydenham, Christchurch, New Zealand, Engineer.—Burns's Patent Disc Ratchet Wire-strainer.
1241. 22nd September. WILLIAM FREDERICK JONES, of Ponsonby, Auckland, New Zealand.—A piano-forte hopper-roller and circular hammer.
1242. 22nd September. HENRY JAMES TURNER, of Devonport, Auckland, New Zealand, Cabinet-maker and Upholsterer.—Excelsior Hæmorrhoid Support.
1243. 23rd September. THOMAS AICKIN, of Ponsonby Road, Auckland, New Zealand, Doctor of Medicine.—An invention for destroying plant vermin, namely, the whole tribe of aphides, including the *Phylloxera vastatrix*, and other vermin destructive to the products of the farm and garden, and also for cleansing and disinfecting soil infected with such vermin; to be called "Aickin's Universal Insecticide and Plant Vermin Exterminator."
1244. 1st October. JOHN PAUL MILLER, Millwright, and JOSEPH SHORT SCOTT, Brewer, both of Nelson, New Zealand.—A machine to control the "froth" which arises through rapid boiling in jam manufacturers', soap-boilers', and brewers' coppers from overflowing.
1245. 3rd October. THOMAS GILLESPIE, of Sydney, New South Wales, Gentleman.—An improvement in blast smelting furnaces.

1246. 3rd October. MURRAY ISOLA JONES, of No. 1, Queen Street, Melbourne, Victoria, Merchant.—Improvements in gas engines.
1247. 1st October. GEORGE McHATTIE, of Palmerston, Otago, New Zealand, Ploughman.—A hillside reversible plough.
1248. 30th September. JAMES RITCHIE, of Kaikorai, Dunedin, New Zealand, Ironmonger.—An invention for blasting and boring purposes, intituled "The Torpedo Blast Depositor."
1249. 6th October. EDWARD SAMUEL LEES, of Oamaru, New Zealand, Farmer.—An improved method of fastening wires to iron fencing standards, in such a manner that they are readily secured and readily removed.
1250. 6th October. DAVID PATON BALFOUR, of Glenross, Hawke's Bay, New Zealand, Station Manager.—The Furrow-extender.
1251. 6th October. JAMES COVENTRY, of Wellington, New Zealand, Tinsmith.—The Coventry Mechanical Swimming Instructor.
1252. (L.R.) 7th October. HENRY MOON, of Leicester, England, but lately of Thomasville, in the County of Davidson, North Carolina, United States of America, Mining Engineer.—Improvements in amalgamating machines.
1253. (L.R.) 7th October. ALEXANDER WATKINS, of London, England, Horologist.—Improvements in sewing machines and in spring motors for driving the same.
1254. 10th October. FRANK HEBDEN, of Christchurch, New Zealand, Telegraph and Telephone Engineer.—An improvement in telephonic apparatus.
1255. 16th October. JOHN DYE LA MONTE, of Sydney, New South Wales, Metallurgist.—Improvements in ore-smelting furnaces.
1256. 16th October. JOHN DYE LA MONTE, of Darlinghurst, near Sydney, New South Wales, Metallurgist.—Improvements in the construction of air-blast smelting furnaces.
1257. 16th October. JOHN DYE LA MONTE, of Sydney, New South Wales, Metallurgist.—An improved process of treating finely-divided auriferous and argentiferous material prior to smelting it.
1258. 16th October. FREDERICK YORK WOLSELEY, of Walgett, New South Wales, Gentleman, and RICHARD PICKUP PARK, of Yarra Bank, Melbourne, Victoria, Engineer.—Improvements in apparatus for shearing sheep.
1259. 17th October. HENRY CHAMBERLIN, of Auckland, New Zealand.—An invention for a movable portable machine, whereby the force of the wind is utilized for the propulsion or drawing of various agricultural implements over the land for the purpose of ploughing, harrowing, &c.
1260. 18th October. JOHN BERRY, of Suva, Fiji.—An invention for the purpose of copying writings, plans, drawings, designs, music, &c., called "The Berrygraph."
1261. 18th October. JOHN ANDERSON and ARCHIBALD MORRISON, of Dunedin, New Zealand, Metal Merchants and Engineers.—An improvement in hydraulic universal joints for gold-mining or other purposes, whereby the full flow of water can be obtained through the joint in any position.
1262. 16th October. FRANCIS HENRY ASBURY, of Dunedin, New Zealand, Heating and Ventilating Engineer.—Improvement in apparatus and appliance for warming and ventilating private and public buildings by steam and hot water.
1263. 17th October. WILLIAM WELLS and GEORGE WILLIAM STURGESE, both of Sydenham, New Zealand, Engineers.—An improvement in wire-strainers, by making them hollow to admit of a key in the end. (Lapsed.)
1264. 17th October. WILLIAM WELLS and GEORGE WILLIAM STURGESE, both of Sydenham, New Zealand, Engineers.—Self-adjustable stops on wire-strainers.
1265. 21st October. ALFRED WILLIAM SMITH, of Riccarton, Canterbury, New Zealand, Mechanical Engineer.—An invention for washing clothes, &c., to be called "Smith's Lightning Washer."
1266. 16th October. WILLIAM JAMES DALTON, of Auckland, New Zealand, Civil Engineer.—An improved union spring stretcher for bedsteads, &c.
1267. 23rd October. JAMES KERR, of London, England, Engineer.—Improvements in the construction of pavements.
1268. 24th October. THOMAS ROBERTS, of Christchurch, New Zealand, Civil Engineer.—A process for the filtration and separation of sewage.
1269. 24th October. ALFRED TYER, of Ngahauranga, Wellington, New Zealand, Tanner.—An apparatus for the extraction of tannin from black birch and other barks.
1270. 24th October. HENRY CORRICK, of Christchurch, New Zealand, Bootmaker.—An invention for preventing the backs of boots from cracking, to be called "Corrick's Boot-back Protector."
1271. 24th October. WILLIAM WILKINSON, of Dunedin, New Zealand, Engineer.—A patent rotary feeder for distributing artificial manure, and seed sowing.
1272. 27th October. EDWARD BETHUNE SAMMONS, of Hokitika, New Zealand, Painter.—An invention for making portable cylinders or cages for enabling miners or others to tunnel or drive through loose or bad driving ground.
1273. 29th October. DAVID MURRAY, of Wanganui, New Zealand, Engineer.—An invention for preserving wool, hay, or other products of the same nature, to be called "The Compound Lever-rack Wool-press."
1274. (L.R.) 28th October. WILLIAM PLENDERLEITH HOPE, of Edinboro' and Leith, in the County of Midlothian, North Britain.—Improvements in and relating to the construction of tramways, and an apparatus for facilitating the hauling of vehicles thereon by means of cables or ropes.

1275. 27th October. PETER DUNCAN and DAVID DUNCAN, of Christchurch, New Zealand, Agricultural Implement Manufacturers.—An arrangement for use with seed-drills, whereby artificial manure may be drilled in with the seed, although previously contained in separate boxes or compartments.
1276. 30th October. DAVID ROBERTSON, of Wellington, New Zealand, Engineer.—Robertson's Meat-press.
1277. 24th October. THOMAS D'ARCY HAMILTON, of Tauhoa, Auckland, New Zealand, School-teacher.—A process for the clearing and purifying and generally improving of kauri gum.
1278. 28th October. GEORGE PARTINGTON, of Thames, New Zealand.—Self-creating motor.
1279. 31st October. GEORGE THOMAS BOOTH, WILLIAM ROSS, and RANALD MACDONALD, all of Sydenham, New Zealand, Implement Manufacturers.—A Self-acting stump- or rock-jumping plough.
1280. 1st November. WILLIAM WELLS and GEORGE WILLIAM STURGESS, both of Sydenham, New Zealand, Engineers.—Improvement in wire-strainers, whereby palls or loose stops are dispensed with by introducing a pin or stud in the centre of the end of any ordinary wire-strainer.
1281. 1st November. JOHN ALVES, of Dunedin, New Zealand, Engineer.—Improvements in apparatus for conveying material on aerial tramways or endless ropeways.
1282. 1st November. JOHN ALVES, of Dunedin, New Zealand, Engineer.—Improvements in machinery for concentrating and amalgamating.
1283. 4th November. CHARLES JOHN HILL and CHARLES EDWARD TREHERNE HILL, both of Upper Riccarton, Canterbury, New Zealand, Gate- and Hurdle-makers.—An invention for performing the combined operations of sowing seeds that require to be or are best sown singly, especially turnip seeds, and for pulverizing the small clods of earth, and covering the seed, and pressing the earth into close contact with the seed.
1284. 7th November. CHARLES OSBERN RALPH WALKER, of Coolart, Balnaring, Victoria, Station Manager.—An improved wire-strainer.
1285. 5th November. JOB OSBORNE, of Doyleston, County of Selwyn, New Zealand.—An automatic reversing gear to attach to a Boomer-press.
1286. 8th November. CHARLES GIFFORD MOORE, of Oamaru, New Zealand, Civil Engineer.—An invention for adapting the Albo-Carbon Light to gas-burners generally known as sunlights.
1287. 8th November. JULIUS PARKER, of Sydenham, Canterbury, New Zealand.—A combined electric totalizator, to be called "The Infallible Electric Totalizator."
1288. 8th November. JAMES GRAY, of Dunedin, New Zealand, Agricultural Engineer.—Improvement in flexible tripod harrows.
1289. 11th November. FRÉDERICK YORK WOLSELEY, of Walgett, New South Wales, Gentleman, and RICHARD PICKUP PARK, of Yarra Bank, Melbourne, Engineer.—Improvements in flexible driving-gear.
1290. 8th November. PARNELL RABBIDGE, of Christchurch, New Zealand, Electrician.—An improved armature for electro-motors, dynamo or magneto electric machines.
1291. 11th November. JAMES GROVE, of Wakefield, Nelson, New Zealand, Brewer.—An invention for heating, cooling, or atemperating ale, wine, or any other liquid or substance.
1292. 7th November. DAVID MILLER, of Thames, New Zealand, Grocer.—Certain improvements in thrashing machinery and the apparatus applied therein, to be called "Miller's Patent Horse-power Machinery."
1293. 14th November. FRANK OAKDEN, of Dunedin, New Zealand, Architect.—Tram-rail Cleaner.
1294. 14th November. JOHN DAVID MCKEAN, of Panmure, Auckland, New Zealand, Tanner, &c.—McKean's insect-repelling scrim, &c.
1295. 14th November. ROBERT BAKER, of Auckland, New Zealand.—An invention entitled "The Colonial Concrete Machine."
1296. 15th November. CHRISTOPHER WOOD, of Auckland, New Zealand, Lime Merchant.—A cement made from Mahurangi lime and river mud, or other ingredients, to resemble as nearly as possible Portland cement, and to be called "Mahurangi Cement."
1297. 17th November. JAMES GROVE, of Wakefield, Nelson, New Zealand.—An invention for rooting up briars, gorse, blackberries, manuka, and other scrub, rushes, &c.
1298. 20th November. MARMADUKE CLARKE, of Tomoana, Hawke's Bay, New Zealand, Manager of Meat-preserving Works.—An improvement or improvements in preserving meat.
1299. 20th November. JOHN DANKS, of Bourke Street West, Melbourne, Victoria, Brassfounder, and BENJAMIN BARNES, of Queen's Terrace, South Melbourne, Victoria, Engineer.—Improvements in tram-car motors.
1300. 20th November. EDWARD WATERS, of 87, Bourke Street West, Melbourne, Victoria, Patent Agent.—Improvements in grain-binding harvesters (being a communication from William R. Baker and Henry Edward Pridmore, of Chicago, in the County of Cook, and State of Illinois, United States of America).
1301. 17th November. THEODORE KENDELL WILLIAMS, of Commercial Road, Kingsland, Auckland, New Zealand, Wood Turner.—Fanlight lock and suspender.
1302. 17th November. WALTER HARFORD, of Auckland, New Zealand, Gas Engineer.—An invention for the saving of gas, &c., to be called "Harford's Automatic Gas Regulator."
1303. (L.R.) 21st November. ALBERT EATON, of Auckland, New Zealand.—An improved beer-engine. (Bigelow's.)
1304. 24th November. WILLIAM BAYLISS, of the firm of Bayliss, Jones, and Bayliss, of Victoria Works, Wolverhampton, Stafford, England, Fencing Manufacturers.—Improvements in metal fencing.
1305. 24th November. DAVID DAGGETT, of 14, South William Street, New York, United States of America, temporarily residing at Melbourne, Victoria, Merchant.—Improvements in processes of and apparatus for producing cold.

1306. 20th November. HENRY REYNOLDS, of Taupiri, Auckland, New Zealand, Farmer.—Triumph Ti-tree Cutter.
1307. 21st November. JAMES MACKAY, Tertius, of Drumduan, Suburban North, Nelson, New Zealand, Sheep-farmer.—Mackay's Improved Standard and Strainers, with double-action power—portable or fixtures—for tightening telegraph wires, and fence wires generally.
1308. 21st November. OWEN McKEOGHAN, sometimes called OWEN KEOGHAN, of Takaka, Nelson, New Zealand, Paint Manufacturer.—An invention for making a paint powder from a metallic ore obtained from beds at Anahau, near Takaka, New Zealand, to be called "Keoghan's New Zealand Terra Cotta Paint Powder."
1309. 22nd November. WILLIAM QUEENIN, of Parnell, Auckland, New Zealand, Settler.—An invention for transforming nightsoil into a manure, to be called "Queenin's Patent Nightsoil Manure."
1310. 28th November. EDWARD SAMUEL LEES, of Oamaru, New Zealand, Farmer.—A fencing brace or suspender.
1311. 28th November. ROBERT TULLOCH DOBBIE, temporarily residing at Collins Street West, Melbourne, Victoria, Manufacturer.—Improvements in brick-making machines (being a communication from George Edwin Richardson, of Adelaide, South Australia).
1312. 1st December. GEORGE SIMPSON SMITH, of Greymouth, New Zealand, Draper.—An improved hand-hoe, to be called "Smith's Despatch Hoe."
1313. 25th November. GEORGE BODLEY, of Dunedin, New Zealand, Mechanic.—The Bodley Rotary Reversible Steam Engine.
1314. 1st December. WILLIAM BURNLEY BUST, of Dunedin, New Zealand.—Automatic rotary door-hinges, to be known as "Excelsior Rotary Hinge."
1315. 4th December. ALPHA HARDING, of Waikato, New Zealand, Draughtsman, and JAMES HOPKINS STEVENS, of Feilding, New Zealand.—Harding and Stevens's Fire Locator.
1316. 2nd December. PETER DUNCAN, of Christchurch, New Zealand, Agricultural Implement Manufacturer.—An improvement in artificial manure distributors, consisting of right and left hand worm screws, for agitating and conveying manure to distributing gear.
1317. 2nd December. FRANCIS BLUNDELL WARRE MALET, of Christchurch, New Zealand, Accountant.—An improved wire-strainer for fencing purposes, to be called "Malet's *Ne Plus Ultra* Wire-strainer."
1318. 2nd December. JOHN DANIEL ARNABOLDIE, of Cambridge, New Zealand, Contractor.—An invention for use by engineers and ironworkers generally, to be termed "J. D. Arnaboldie's Improved Stock and Dies for Bolt Cutting."
1319. 2nd December. JOHN DANIEL ARNABOLDIE, of Cambridge, New Zealand, Contractor.—An invention for the use of builders, to be termed "J. D. Arnaboldie's Flooring-Cramp."
1320. 6th December. FRANCIS BLUNDELL WARRE MALET, of Christchurch, New Zealand, Accountant.—An improved wire-strainer for tightening wires on fences, to be called "Malet's Triumph Strainer."
1321. 8th December. ALFRED SHAW, of 13, Little Collins Street West, Melbourne, Victoria, Merchant.—An improved wire roofing-nail.
1322. 8th December. EDWARD CLINTON BURGESS, of Wellington Street, Islington, Middlesex, England, Engineer.—Apparatus for combustion of liquid fuel.
1323. 8th December. ALFRED SAVILL TOMKINS, FREDERIC MITCHELL COURAGE, and FRANK ARTHUR CRACKNALL, all of 61, Mark Lane, London, England, Malt Factors.—An improvement in kilns for drying malt, grain, or other materials.
1324. 8th December. HENRY JAMES SHAW, of Christchurch, New Zealand.—An invention for manufacturing brushes and brooms out of New Zealand grass named *Danthonia raculi*, more commonly known as "Snow Grass."
1325. 11th December. TRUMAN JUNIUS PEARCE, of 1455, Broadway Street, Oakland, California, United States of America, Inventor, and MELVIN WARREN BEARDSLEY, of 1320, Telegraph Avenue, in the same city, Oil Refiner.—An improved compound and its use for resisting the action of water and weather, acids, and alkalies, and as a preserving and insulating medium.
1326. 4th December. GEORGE REED, of Auckland, New Zealand, Cabinetmaker and Upholsterer.—An invention for renovating old billiard cushions, to be called "Reed's Patent Process for Renovating Billiard Cushions."
1327. 3rd December. THEODORE WILLIAM HICKSON, of Auckland, New Zealand, Surveyor.—A machine, to be called "The Triumph Totalizator," or "Hickson's Automatic Multiplex Registering Machine," according as it may be used for totalizator or other purposes.
1328. 4th December. WALTER GREENSHIELDS, of Auckland, New Zealand, Bracist.—A brace or suspender, to be called "The New Zealand Patent Automatic Brace or Suspender."
1329. 8th December. EDWIN ATKINSON, of Ponsonby, Auckland, New Zealand, Slater.—Slating roofs of buildings, to be called "Atkinson's Patent Slating."
1330. 11th December. WILLIAM REECE, of Christchurch, New Zealand, Merchant.—A new and improved action for working the knives of mowers or other machines in any desired position, called "The New Champion Mower" (being a communication to him from abroad by Benjamin H. Warder, Asa S. Bushnell, and John J. Glessner, all of Springfield, Ohio, in the United States of America, Manufacturers of Reaping and Mowing Machines).
1331. 11th December. JOB OSBORNE, of Doyleston, County of Selwyn, New Zealand.—Improvements in hedge-cutting machines, to be known as "Osborne's Duplex Gorse-cutter."
1332. 13th December. JEAN MICHEL CAMILLE MALFROY, of Ross, New Zealand.—The railway-rail patent ripple.

1333. 15th December. SAMUEL DANKS and JOHN DANKS, of Wellington, New Zealand, Brass-founders.—An invention for securing the efficient working of water meters on all descriptions of hydraulic motors.
1334. 17th December. ELIZABETH BARTON, of Dunedin, New Zealand.—A compound single bedstead, to be entitled "The Barton Bedstead."
1335. 19th December. HENRY BLAND, of 609, Bourke Street, Sydney, New South Wales, Engineer.—An improved machine for excavating and removing earth for agricultural subsoiling, for extracting roots and stumps, and for haulage purposes, parts of which are applicable to other machines.
1336. 22nd December. ALFRED GIBSON STEPHEN and TARE RUKA, both of Westport, New Zealand, Dairymen.—An invention for toothache-curing, to be called "Nonpareil Toothache-Curer."
1337. 18th December. WILLIAM ADAMS, of Lawrence, New Zealand, Goldminer.—An invention for crushing friable substances, and intituled a "Quartz-crusher."
1338. 24th December. CHRISTOPHER BRADLEY, of Wellington, New Zealand, Engine-fitter.—Bradley's Safety Save-all Candlestick.
1339. 24th December. LEWIS ROSE GILLANDERS, of Ravensbourne, Dunedin, New Zealand, Mechanical Engineer.—A new oscillating three-cylinder steam engine.
1340. 20th December. FREDERICK WILLIAMS, of Alexandra South, County Vincent, New Zealand, Woolclasser.—A self-acting woolwasher. (Withdrawn.)
1341. 24th December. CHARLES JAMES GASCOIGNE, of Marton, New Zealand, Wheelwright.—An invention for wool- and hop-pressing.
1342. (L.R.) 23rd December. JAMES SYKES WETHERED, of the City and State of New York, United States of America.—Improvements in the manufacture of concrete materials, and in blocks made thereof, for paving, building, and similar purposes.
1343. 22nd December. THOMAS HOOD, of Te Aroha, New Zealand, Painter.—An invention for manufacturing pigments, paints, oil- and water-colours, to be called "Hood's Oil- and Water-colour Paints."
1344. 23rd December. JOHN DANIEL ARNABOLDIE, of Cambridge, New Zealand, Contractor.—An invention or design consisting of a dial-plate, to be used in connection with timekeepers in present use, to be termed "The Cambridge Dial."
1345. 29th December. ROBERT COCKERELL, of Invercargill, New Zealand, Agricultural Implement Maker.—An improvement in the construction of land harrows and cultivators.
1346. 30th December. SEPTIMUS BACON, of Masterton, New Zealand.—An improved school-desk, called "The Simplex."
1347. 22nd December. JAMES CRAIG, of Oamaru, New Zealand, Timber Merchant.—An invention making boxes for packing cheese for shipment.
1348. 27th December. ROBERT COCKERELL, of Invercargill, New Zealand, Implement Maker.—An invention for cultivating and scarifying the land, to be known as "R. Cockerell's Patent Flexible Adjustable Scarifier."

LETTERS PATENT LAPSED THROUGH NON-PAYMENT OF RENEWAL FEE, FROM 23RD SEPTEMBER,
1881, TO 12TH MAY, 1885.

357. T. C. BURT.—Purification, &c., of sewage water.
366. W. ANDREWS and J. N. THOMAS.—Improvements in hedge-clipping machines.
369. H. BUNTING.—Reaping and binding.
370. S. SMART.—Tar and asphalt.
371. J. L. and G. SCOTT.—Improvements to seed-strippers.
375. W. ATKINSON and J. MCCOLL.—Compound enamel paint and varnish.
383. D. STRANG.—Roasting coffee.
387. G. G. HUGGINS.—Syphon gas-regulator.
388. J. HOLMES.—Improvement in wooden ships.
392. J. S. THOMSON.—Gasoline and air-gas-making machines.
394. J. ASPINALL.—Drilling rock.
400. J. SCOTT.—Excavating material under water.
401. J. CAUGHLEY.—Marine boiler.
405. J. BARBOUR.—Screw propeller.
407. H. BUNTING.—Reaping, &c.
408. R. K. PARKERSON.—Straining-wires in fences.
409. R. K. PARKERSON.—Cultivator.
410. C. REDWOOD.—Controlling course of rivers and protecting the banks.
422. C. TESTER.—Candle-extinguisher.
429. B. DICKSON.—Rabbit-exterminator.
431. G. TOWNSON.—Cement concrete.
435. W. A. EWING.—Cement.
436. R. KNUCKEY.—Clothes-washing machine.
437. J. SEED.—Twine for reapers-and-binders.

APPLICATIONS FOR LETTERS PATENT LAPSED OR WITHDRAWN AFTER PUBLICATION OF LIST
FOR 1883.

840. HENRY HONOUR.—Thrashing Machinery.
841. A. MUTCH.—Push-bars of brakes.
842. J. T. BIRCHALL.—Extracting gold from quartz, &c.
848. S. W. FOULTON.—Wire-strainer.

- 854. J. BRUCE.—Grain-drying apparatus.
- 856. J. J. HOWARD.—Caskets, boxes, or coffins for enclosing the dead.
- 857. D. N. F. GARNIER.—Electric painless operator.
- 858. E. H. ELLIOTT.—Barbing-wire.
- 863. W. H. CUTTEN.—Plough-seat.
- 865. C. C. ARMSTRONG.—Clothes-dryer.
- 870. H. HONOUR.—A water motor.
- 873. W. MANNING.—Deviation cards.
- 876. J. P. KIDD.—Hydraulic cement.
- 882. D. ROSS.—Closet-seat.
- 883. W. and G. BOOTH.—Drip-stone filter.
- 884. P. and D. DUNCAN.—Plough, &c., spring.
- 887. C. MACKAY and H. WALDEN.—Wire-spinning-and-reeling machine.
- 890. R. J. LOVEGROVE.—Shifting carriage.
- 892. W. H. CUTTEN.—Coulter.
- 894. D. W. MACARTHUR.—Signalizing trains, &c.
- 895. A. CAMERON.—Hedge-cutting.
- 897. D. W. MACARTHUR.—Window latch-lock.
- 908. A. BURT.—Hydraulic-lift valve.
- 909. A. BURT.—Hydraulic-lift safety-brake.
- 910. H. J. CARSON.—Combination letter paper.
- 913. M. SINCLAIR.—Dog-cart and double-buggy.
- 914. A. CAMERON.—Hedge-cutting.
- 917. G. D. JONES.—Safety-pocket.
- 919. G. BIRD and L. W. GEGAN.—Secondary-battery cell.
- 926. W. MARTIN.—Portable show-pens.
- 934. J. RITCHIE.—Torpedo blast-depositor.
- 937. R. J. F. WILLSON.—Washing machine.
- 939. F. H. ASBURY.—Warming and ventilating buildings.
- 943. R. ROBIN.—Gold-saving machinery.
- 945. G. and A. JACKSON.—Fret-saw machinery.
- 946. P. and D. DUNCAN.—Discharging artificial manure.
- 947. G. T. BOOTH, W. ROSS, and R. MACDONALD.—Parallel adjustment for front wheel of plough.
- 950. F. B. W. MALET.—Case standard for fencing.
- 956. T. ROBERTS.—Filtration of sewage.
- 962. W. ADAMS.—Quartz-crusher.
- 963. J. E. TAYLOR.—Windmill.
- 965. L. T. HIPPISELEY.—Wire-fencing standard.
- 969. S. BOLT.—Self-disconnecting shackle or socket for life-boats.
- 970. T. BRICKELL.—Wire-strainer.
- 972. L. P. ARMITAGE.—Enamel.
- 974. F. B. W. MALET and E. H. ANDERSON.—Simplex strainer.
- 975. W. PAYNE.—Sewing-machine improvement.
- 978. J. W. OLIVER.—Gorse-cutting machine.
- 980. J. S. INGRAM.—Cheese hoop.
- 981. J. RUTLAND.—Door-handles.
- 982. R. CLARK.—Closet cistern.
- 984. E. A. CAMERON.—Rabbit exterminator.
- 985. E. A. CAMERON.—Rabbit exterminator.
- 986. C. REYNOLDS.—Threshing machine.
- 987. W. CRAIG.—Cod-liver-oil biscuits.
- 988. L. R. GILLANDERS.—Steam engine.
- 990. T. KELLY.—Bricks.
- 991. J. S. INGRAM.—Cheese vat.

N.B.—The fees for Letters Patent are now, if unopposed—On depositing specification, 10s.; on obtaining Patent, £2; and at or before expiration of the fifth year, £7. Copies of "The Patents Act, 1883," and Regulations, with Hints to Inventors, price 1s., can be obtained from the Government Printer, Patent Office Agents, Postmasters, or booksellers.

Patent Office Agents, with whom applications may be lodged, have been appointed at the undermentioned places: Auckland, Thames, New Plymouth, Wanganui, Gisborne, Napier, Palmerston North, Blenheim, Westport, Nelson, Greymouth, Hokitika, Christchurch, Ashburton, Timaru, Oamaru, Dunedin, Queenstown, Lawrence, and Invercargill.

Patent Office,
Wellington, 12th May, 1885.

C. J. A. HASELDEN,
Patent Officer.