

1884.

## NEW ZEALAND.

## LETTERS PATENT AND LETTERS OF REGISTRATION

APPLIED FOR DURING 1883 (LIST OF).

[L.R. means Letters of Registration, and L.P. means Letters Patent.]

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

758. (L.P.) 4th January. JAMES ROWLAND HILL and ALEXANDER ROBERTSON, both of Otepopo, in the Provincial District of Otago, and Colony of New Zealand, Millowners.—Improvements in threshing-mills, so as to enable grass-seed to be cleaned, dressed, and delivered into bags ready for market, by substituting certain apparatus for some of the apparatus used for threshing grain.
759. (L.P.) 5th January. CHARLES WATT, of Dunedin, in the Colony of New Zealand.—An improved process of and for the manufacturing of gas for illuminating, heating, and other purposes. (Not proceeded with.)
760. (L.R.) 8th January. HEINRICH WILHELM LUDWIG OTTO VON RODEN, of Hamburg, Germany.—An improved process for preserving milk.
761. (L.R.) 8th January. PAUL DE PUYDT, of Brussels, in the Kingdom of Belgium, Engineer.—A process for the manufacture of fibres, by the treatment of textile materials and fibrous plants, whereby a product is obtained capable of being employed for the manufacture of fabrics, cloths, felts, and cordage of all kinds.
762. (L.R.) 8th January. GUY HUGGINS GARDNER, of Bourke Street, Melbourne, in the Colony of Victoria, Merchant.—Improvements in furnaces for reducing iron ores. (Joel Wilson's.)
763. (L.P.) 9th January. WILLIAM EWINGTON, of Auckland, New Zealand, Engineer.—Self-discharging silt-punts. (Not proceeded with.)
764. (L.R.) 17th January. GEORGE DALTON, of Leeds, in the County of York, England.—Improvements in machinery for crushing or reducing gold quartz, ores, cement, clinker, &c., to powder.
765. (L.P.) 20th January. THOMAS OSBORNE, of Wellington, New Zealand, Joiner.—An improved meat press, to be called "Osborne's Meat Press." (Patent refused.)
766. (L.P.) 23rd January. WILLIAM JEWELL, of Christchurch, New Zealand, Stonemason.—An invention for rendering brick, stone, plaster, or other similar porous substances impervious to water or damp. (Not proceeded with.)
767. (L.P.) 23rd January. THOMAS CRAWFORD DENNISON, of Oamaru, New Zealand, Civil Engineer and Surveyor; WALTER ANDREW HARPER, of Oamaru aforesaid, Engineer and Surveyor; and FREDERICK WILLIAM SMITH ANSTED, of Oamaru aforesaid, Teacher.—An improved method of manufacturing asphaltic concrete for all uses for which cement and asphalt are suitable.
768. (L.R.) 24th January. WILLIAM THOMAS WHITEMAN, of No. 7, Staple Inn, in the County of Middlesex, England, Patent Agent.—Improvements in electric lamps.
769. (L.P.) 29th January. WILLIAM NELSON, of Tomoana, in the Provincial District of Hawke's Bay and Colony of New Zealand, Sheep-farmer.—Improved machinery for carrying out the process commonly known as "boiling down."
770. (L.R.) 31st January. HENRY HUDSON, of Redfern, near Sydney, in the Colony of New South Wales.—Improvements in leaf-springs. (Thomas Midelton's.)
771. (L.P.) 2nd February. JOHN STEWART LITTLE, of Christchurch, in the Colony of New Zealand, Carpenter.—A fire-escape ladder. (Not proceeded with.)
772. (L.R.) 6th February. ROBERT McCULLY, of Philadelphia, Pennsylvania, one of the United States of America.—Improvements in machines for crushing, grinding, pulverizing, or similarly treating ore, grain, and other materials.
773. (L.R.) 10th February. JULES LOUIS MORET, of Paris, in the Republic of France.—An improved treatment for softening, unhairing, puring, ungreasing, and preserving hides and skins.
774. (L.P.) 10th February. JOHN ASPINALL, of Skipper's Point, in the Provincial District of Otago and Colony of New Zealand, Miner.—Hand rock-drill. (Not proceeded with.)
775. (L.P.) 14th February. GEORGE SETON STENHOUSE, of Blenheim, Commission Agent, and JOHN SMITH, of Blenheim, New Zealand, Tinsmith.—An invention for the purpose of destroying and exterminating rabbits, to be known as "Stenhouse and Smith's Gaseous Self-acting Vermin and Rabbit Exterminator." (Not proceeded with.)

776. (L.P.) 16th February. FRANCIS ALEXANDER MONCKTON, of Ross, in the Colony of New Zealand, Surgeon.—An invention for hospital bedsteads, to be known by the title of "Monckton's Balanced Whip Accident Bedstead."
777. (L.P.) 16th February. PETER FRANCIS DANIEL, of Dunedin, in the Colony of New Zealand, Student.—A new and improved method of using tobacco for smoking in pipes, tubes, or other instruments. (Not proceeded with.)
778. (L.P.) 17th February. WILLIAM HOLMES, of Lyttelton, in the Colony of New Zealand.—A washing-machine, for saving labour in the process of washing clothes. (Not proceeded with.)
779. (L.R.) 17th February. JOSHUA HENDY, of San Francisco, California, United States of America, Manufacturer.—Improvements in ore-feeders for stamp-mills.
780. (L.R.) 17th February. THE MALLAC PATENT ELECTRIC LIGHTING COMPANY (LIMITED), whose registered office is at 59, Queen Street, in the City of Melbourne and Colony of Victoria.—Improvements in galvanic batteries. (Louis Mallac.)
781. (L.P.) 23rd February. THOMAS TURNBULL, of Wellington, in the Colony of New Zealand, Architect.—An improved ventilator movement.
782. (L.P.) 22nd February. ROBERT JAMES FERMOR WILLSON, of Dunedin, in the Colony of New Zealand.—An invention for making concrete blocks for marine and other works, so that they can be floated to their position and sunk without the use of expensive machinery. (Not proceeded with.)
783. (L.P.) 22nd February. ROBERT JAMES FERMOR WILLSON, of Dunedin, in the Colony of New Zealand.—An invention for guiding the currents of rivers, harbours, &c., by means of loaded timber-screens. (Not proceeded with.)
784. (L.P.) 24th February. CHARLES PEARS HAYWARD, of the City of Lincoln, in England, Manufacturing Chemist and Engineer.—An invention for improved sheep-dipping baths.
785. (L.P.) 24th February. JOHN SPINK HUDSON, of Warkworth, in the County of Rodney and Colony of New Zealand.—An invention for protecting pastures, growing crops, gardens, fields, orchards, &c., by the use of barbed bands of iron, or other metal or material. (Not proceeded with.)
786. (L.P.) 27th February. ALFRED CROSSLEY, of Auckland, in the Colony of New Zealand, Brass-worker.—Crossley's Twin Vessel. (Not proceeded with.)
787. (L.P.) 7th March. JOHN SELLGREN, of Dunedin, in the Colony of New Zealand, Chemist.—An invention for tinting, that is to say, for improving the appearance of certain articles for sale by means of colouring or tinting the metal capsules or foil generally known by the name of tin-foil, after the same shall have been affixed in the usual manner to the neck and cork of the bottle or bottles in which the said article or articles for sale are contained. (Not proceeded with.)
788. (L.P.) 7th March. WILLIAM ROSS, of the firm of George Booth and Sons, at Sydenham, in the Colony of New Zealand, Implement Makers.—A multiple punching machine. (Not proceeded with.)
789. (L.P.) 7th March. WILLIAM ROSS, of Sydenham, in the Provincial District of Canterbury and Colony of New Zealand, Implement Manufacturer.—An invention for improvement in the centres of plough skeiths, in which the wear of the centre may be taken up by a conical bush at each side, the whole being so encased as to prevent sand from entering the bearings. (Not proceeded with.)
790. (L.P.) 12th March. ROBERT BAKER, of Auckland, in the Colony of New Zealand.—An invention entitled "Baker's Combined Gauging, Mixing, and Compressing Concrete Machine," for the manufacture, and compression in moulds, of concrete blocks, slabs, mouldings, and other shapes.
791. (L.R.) 19th March. Sir JULIUS VOGEL, of Melbourne, in the Colony of Victoria.—Improvements in dynamo-electric machines. (J. Hopkinson.)
792. (L.R.) 19th March. RICHARD MATTHEW HOWLING, of Ballarat, in the Colony of Victoria, Engineer.—Improvements in apparatus for arresting sparks from funnels, flues, and chimneys.
793. (L.P.) 20th March. FRANCIS HENRY ASBURY, Heating and Ventilating Engineer, of Dunedin, in the Provincial District of Otago and Colony of New Zealand.—Improvements in the apparatus for generating steam and heating water.
794. (L.P.) 16th March. WALTER CRAWFORD, of Auckland, in the Colony of New Zealand.—The Crawford Suspended-Overhead Railway and Carriage. (Not proceeded with.)
795. (L.P.) 29th March. EWEN ALEXANDER CAMERON, of Nokomai, in the Provincial District of Southland and Colony of New Zealand.—An invention for exterminating rabbits, and titled "Cameron's Rabbit Exterminator." (Not proceeded with.)
796. (L.P.) 5th April. JOHN EDWARD PIPER, of No. 222, High Street, in the City of Christchurch and Colony of New Zealand, Watchmaker.—An invention for measuring time by means of an improved controlled electric minute-clock. (Not proceeded with.)
797. (L.P.) 5th April. JOHN NEWBALD, of Cemetery Road, Woolston, near Christchurch, in the Colony of New Zealand, Currier.—An improvement in the method of dressing leather for market. (Not proceeded with.)
798. (L.P.) 4th April. EWEN ALEXANDER CAMERON, of Nokomai, in the Provincial District of Southland and Colony of New Zealand.—An invention for the extermination of rabbits, and called "Cameron's Centrifugal-Fan Rabbit Exterminator." (Not proceeded with.)
799. (L.P.) 16th April. JOSIAS JOHN DE LAMBERT, of Oamaru, in the Colony of New Zealand, Company's Manager, and SAMUEL ERNEST HUBBARD, of Oamaru, aforesaid, Mechanical Engineer.—A machine for cutting and bending metal into barbs used in the manufacture of barbed-wire. (Not proceeded with.)
800. (L.R.) 12th April. JOHN CAMPBELL, of the City and County of San Francisco, State of California, one of the United States of America, M.D.—Improvements in ore furnaces.

801. (L.R.) 12th April. THOMAS ALVA EDISON, of Menlo Park, New Jersey, in the United States of America.—Improvements in means for indicating and regulating the current of electrical generators for supplying electric lights and other purposes.
802. (L.R.) 12th April. DONALD MCKENZIE, of No. 48, Post-office Place, Melbourne, in the Colony of Victoria, Agent.—Improvements in lubricating cups.
803. (L.R.) 12th April. JAMES McFARLANE ROBISON, THOMAS BUCHANAN CAMPBELL ROBISON, and HENRY DODDS, trading as "Robison Brothers and Company," at Flinders Street West, Melbourne, Victoria, Engineers.—An improvement in centrifugal pumps.
804. (L.R.) 12th April. JAMES HOWARD, EDWARD TENNEY BOUSFIELD, and HENRY WILLIAM GIBBS, all of Bedford, England.—Improvements in harrows.
805. (L.R.) 12th April. THE GÜLCHER ELECTRIC LIGHT AND POWER COMPANY (LIMITED), of the City of London, England.—Improvements in electric lighting apparatus. (R. J. Gülcher.)
806. (L.P.) 17th April. THOMAS CLARKE JENKINS, of the City of Wellington and Colony of New Zealand, Clerk.—An invention for registering purposes, to be called a "Multiplex Registrar."
807. (L.P.) 18th April. WILLIAM COOK DEAN, of Christchurch, in the Colony of New Zealand, Tinplate-worker.—An invention for turning at one operation the raw edges of sheet-tin, copper, brass, or other metal into a rolled form, without the use of wire, and for affixing two edges of said metal together in such a manner as to dispense with the necessity of their being soldered.
808. (L.R.) 14th April. THE GÜLCHER ELECTRIC LIGHT AND POWER COMPANY (LIMITED), of the City of London, in England.—Improvements in magneto- and dynamo-electric machines. (R. J. Gülcher.)
809. (L.P.) 20th April. WALTER BOOTH, of Oamaru, in the Colony of New Zealand, Commission Agent, and GEORGE BOOTH, of Oamaru aforesaid, Carpenter.—An invention of a drip-stone filter, for effectually removing all impurities and discolorations from water used for domestic or manufacturing purposes, and imparting to the water a palatable and beneficial trace of lime, and keeping the water perfectly cool.
810. (L.P.) 20th April. WALTER GREENSHIELDS, of Auckland, in the Colony of New Zealand.—An invention for a suspender, known as the "Diamond Suspender."
811. (L.P.) 17th April. JOHN JOSEPH HOWARD, of the City of Auckland, in the Provincial District of Auckland and Colony of New Zealand, Painter.—An invention for mixing or gauging mortar, cement, concretes, asphaltting or other such substances, for erecting buildings, and for laying down roads, streets, tramways, pathways, kerbs, channels, and other like purposes, called a "Concrete- or Mortar-mixer." (Not proceeded with.)
812. (L.P.) 20th April. ARCHIBALD DONALD, of Palmerston, in the Provincial District of Otago and Colony of New Zealand, Blacksmith.—A machine called a "phosphorizing grain machine:" an invention for the purpose of effectually poisoning grain with phosphorus for the destruction of rabbits.
813. (L.P.) 14th April. FREDERICK BRADEY, of Pahautahanui, in the Provincial District of Wellington and Colony of New Zealand, Sheep-farmer.—A mechanical gangway for sheep-dipping. (Not proceeded with.)
814. (L.P.) 26th April. DAVID STRANG, of Invercargill, in the Colony of New Zealand, Coffee and Spice Merchant.—Improvements in apparatus for roasting chicory, cocoa, and all like substances, for drying grain of all descriptions, and for roasting or drying any and every other substance which may be roasted or dried by means of this apparatus.
815. (L.R.) 23rd April. PAUL JABLOCHKOFF, of Paris, in the Republic of France, Engineer.—Improvements in dynamo-electric and electro-dynamic machines.
816. (L.R.) 23rd April. THE PHOSPHOR-BRONZE COMPANY (LIMITED), of London, England.—Improvements in the manufacture of silicious copper and silicious bronze, particularly suited for making electric conducting wires. (Lazare Weiller's.)
817. (L.R.) 23rd April. THE ELECTRO-AMALGAMATOR COMPANY (LIMITED), of Tower Chambers, Finsbury Pavement, in the City of London, England.—An improved method of abstracting gold and silver from their ores by the combined action of electricity and mercury. (R. Barker.)
818. (L.R.) 23rd April. GUY HUGGINS GARDNER, of Bourke Street, Melbourne, in the Colony of Victoria, Merchant.—Improvements in furnaces for the manufacture of bar iron and blooms.
819. (L.R.) 23rd April. JAMES EDWARD HENRY GORDON, of Kensington, in the County of Middlesex, England.—Improvements in dynamo-electric machines.
820. (L.P.) 30th April. ALFRED WILLIAM CHATFIELD, of Auckland, in the Provincial District of Auckland, New Zealand.—A base for artificial teeth, known as "The Triumph Celluloid Base."
821. (L.P.) 4th May. THOMAS JOHNSON THOMPSON, of Campbelltown, in the Provincial District of Otago and Colony of New Zealand, Marine Surveyor.—An improvement in the manufacture of hydraulic cement.
822. (L.R.) 1st May. DAVID LINDSAY WAUGH, of Sydney, in the Colony of New South Wales, Engineer.—Improvements in machinery for excavating and removing earth.
823. (L.R.) 1st May. GEORGE RICHARD DIBBS, a Member of the Legislative Assembly of New South Wales, and FREDERICK HUGH THOMAS, Civil Engineer and Architect, both of Sydney, New South Wales.—An improvement in the manner of manufacturing Portland cement, to be called "Australasian Portland Cement."
824. (L.P.) 10th May. WALTER BOOTH, of Oamaru, in the Provincial District of Otago, and Colony of New Zealand, Commission Agent, and GEORGE BOOTH, of Oamaru, aforesaid, Carpenter.—An invention for drilling stone, for the purpose of making the hollow drip filters described in an application for letters patent for a drip-stone filter, for effectually removing all impurities and discolorations from water used for domestic or manufacturing purposes, and imparting to the water a palatable and beneficial trace of lime, and keeping the water perfectly cool.

825. (L.P.) 8th May. COLIN MACKAY, of Dunedin, in the Provincial District of Otago and Colony of New Zealand.—An invention entitled "Mackay's Spiked Wire," for fencing paddocks, fields, pastures, &c.
826. (L.P.) 2nd May. JOHN ANTON SUBRITZKY, of Mangonui, in the Provincial District of Auckland, in the Colony of New Zealand, Storekeeper.—An invention for the treatment, healing, or curing of wounds, piles, cramp, bad breasts, asthma, bronchitis, sick headache, old sores, spasms, heart disease, corns, and other like diseases and complaints, to be called "Mrs. Subritzky's Pills and Ointment." (Not proceeded with.)
827. (L.R.) 14th May. EDWARD WATERS, of No. 87, Bourke Street West, in the City of Melbourne and Colony of Victoria, Patent Agent.—Improvements in electric lamps. (Pilsen Joel and General Electric Light Company, Limited.)
828. (L.R.) 14th May. EDWARD WATERS, of No. 87, Bourke Street West, in the City of Melbourne and Colony of Victoria, Patent Agent.—Improvements in the manufacture of carbon conductors for electric lamps, and an apparatus to be employed in such manufacture. (Maxim. Weston Electric Light Company.)
829. (L.R.) 14th May. HENRI HERRENSCHMIDT, Metallurgist, and MARMADUKE CONSTABLE, Gentleman, both of Sydney, New South Wales.—An improved process of extracting the oxides of cobalt and manganese from their ores.
830. (L.P.) 21st May. JOSIAS JOHN DE LAMBERT, of Oamaru, in the Provincial District of Otago and Colony of New Zealand, Company's Manager, and SAMUEL ERNEST HUBBARD, of Oamaru aforesaid, Mechanical Engineer.—A novel machine for cutting and bending, at one operation, metal into barbs used in the manufacture of barbed wire.
831. (L.R.) 14th May. EDWARD WATERS, of No. 87, Bourke Street West, in the City of Melbourne and Colony of Victoria, Patent Agent.—Improvements in dynamo-electric machines. (Maxim. Weston Electric Company, Limited.)
832. (L.R.) 14th May. JOHN SHAW, of Hindmarsh, near Adelaide, in the Province of South Australia, Fellmonger.—Improvements in the manufacture of leather from hides and skins for commercial purposes only.
833. (L.R.) 14th May. ELI FRAIZER RUSSELL, of the City and County of San Francisco, State of California, one of the United States of America.—Improvements in the art or process of conglomerating particles for roasting and smelting, which is applicable particularly for forming black sand into bricks, in the manufacture of iron and steel from black sand.
834. (L.P.) 22nd May. GEORGE SETON STENHOUSE, Commission Agent, of Blenheim, Marlborough, in the Colony of New Zealand, and JOHN SMITH, of the same place, Tinsmith.—An invention for the purpose of destroying and exterminating rabbits and vermin, to be known as "Stenhouse and Smith's Gaseous Self-acting Vermin and Rabbit Exterminator."
835. (L.P.) 23rd May. WILLIAM BERRY, of Crofton, Upper Kaiwarawara, near the City of Wellington.—An invention by which the error caused by the use of a paper transfer in photolithography or photozincography is avoided.
836. (L.P.) 22nd May. WILLIAM MCLENNAN, of Dunedin, in the Colony of New Zealand, Baker.—A cylinder revolving dough-mixer.
837. (L.P.) 17th May. GEORGE CARDER, WALTER CARDER, and EDWARD OWEN, all of Auckland, in the Provincial District of Auckland and Colony of New Zealand, Potters, trading under the style or firm of Carder Brothers and Company.—A border edge and drain tile. (Application withdrawn.)
838. (L.P.) 18th May. HARCOURT INNES PATON, of Auckland, in the Colony of New Zealand, Gum-carver.—An invention for inlaying or imbedding kauri gum with ferns, shells, seaweed, coral, moss, and other foreign substances, for personal or other ornaments. (Application withdrawn.)
839. (L.P.) 6th June. ALFRED ATKINS, of Wanganui, in the County of Wanganui, New Zealand. An invention for wire for measuring, being an improvement in apparatus for surveying and general measuring. (Application withdrawn.)
840. (L.P.) 4th June. HENRY HONOUR, of Dunedin, in the Provincial District of Otago and Colony of New Zealand, Settler.—An improvement in threshing machinery.
841. (L.P.) 2nd June. ALEXANDER MUTCH, of Milton, in the Provincial District of Otago and Colony of New Zealand, Wheeltapper.—An invention for simplifying the method now in use for adjusting the push-bars of brakes in railway rolling-stock, by substituting the push-bar as delineated in the drawing for the push-bar now in general use.
842. (L.P.) 4th June. JOHN TROUGHTON BIRCHALL, Mechanical Engineer, and CHARLES EDWARD TWINING, Mining Engineer, both of Dunedin, in the Provincial District of Otago and Colony of New Zealand.—An invention for extracting gold from quartz and cement crushings, miners' tailings, and beach sands.
843. (L.P.) 11th June. ERNEST ARTHUR CHAPMAN, of Grampians, in the Provincial District of Canterbury, in the Colony of New Zealand, Sheep-farmer.—A circular handsaw.
844. (L.R.) 11th June. EDWARD WATERS, of No. 87, Bourke Street West, in the City of Melbourne and Colony of Victoria, Patent Agent.—Improvements in apparatus for the distribution and regulation of electric currents. (Maxim. Weston Electric Company, Limited.)
845. (L.R.) 11th June. EDWARD WATERS, of No. 87, Bourke Street West, in the City of Melbourne and Colony of Victoria, Patent Agent.—Improvements in electric lighting apparatus. (Maxim. Weston Electric Company, Limited.)
846. (L.P.) 8th June. EDWARD BARTLEY, of Auckland, in the Provincial District of Auckland and Colony of New Zealand, Architect.—A louvre, suitable for factories, breweries, schools, churches, and other buildings requiring ventilation, and so constructed as to effectually prevent rain from driving up the louvre and into the building, without diminishing the space for ventilation.

847. (L.P.) 15th June. THOMAS COSSENS, of Dunedin, in the Provincial District of Otago and Colony of New Zealand, Engineer.—An invention for quarrying or cutting stone of the kind known as Oamaru stone.
848. (L.P.) 16th June. SYDNEY WROUGHTON FULTON, of Outram, in the Provincial District of Otago, in the Colony of New Zealand, Farmer.—An improved portable wire-strainer.
849. (L.P.) 19th June. FRANCIS HENRY ASBURY, Warming and Ventilating Engineer, of Dunedin, in the Provincial District of Otago and Colony of New Zealand.—Improvements in the method of heating the feed-water of boilers, and in the construction of the apparatus for effecting the same.
850. (L.R.) 23rd June. FRIDOLF SCHAUMAN, Railway Director in Sweden.—Improvements in the permanent-way of railways.
851. (L.R.) 23rd June. CHARLES FARQUHAR FINDLAY, of No. 7, Mecklenburg Street, in the County of Middlesex, England, Engineer.—Improvements in rope-traction railways or tramways.
852. (L.R.) 23rd June. ROOKES EVELYN BELL CROMPTON, of Mansion House Buildings, Queen Victoria Street, in the City of London, England, Engineer, and DESMOND GERALD FITZGERALD, of No. 6, Ackerman Road, Brixton, in the County of Surrey, England, Electrician.—Improvements in galvanic batteries and electro-chemical accumulators.
853. (L.R.) 23rd June. DESMOND GERALD FITZGERALD, of Brixton, in the County of Surrey, England, Electrician, and THOMAS JOHN JONES, of Princes Street, Hanover Square, London, England, Electrician.—Improvements in secondary or storage batteries.
854. (L.P.) 29th June. JAMES BRUCE, of Timaru, in the Colony of New Zealand.—Grain-drying apparatus.
855. (L.R.) 30th June. ROBERT SCOTT, of No. 15, Victoria Parade, Melbourne, in the Colony of Victoria, Engineer.—An improvement in stamp batteries.
856. (L.P.) 23rd June. JOHN JOSEPH HOWARD, of the City of Auckland, in the Provincial District of Auckland, in the Colony of New Zealand.—An invention for caskets, boxes, or coffins for enclosing the dead.
857. (L.P.) 23rd June. DESIRÉ NOEL FRANÇOIS GARNIER, of the City of Auckland, in the Provincial District of Auckland and Colony of New Zealand.—Garnier's Electric Painless Operator.
858. (L.P.) 5th July. EDWARD HUGHES ELLIOTT, of Timaru, in the Provincial District of Canterbury, in the Colony of New Zealand, Storekeeper.—An invention for facilitating the barbing of wire for fencing and other purposes, to be called "The Acme Barbed Wire Machine."
859. (L.P.) 9th July. JOHN MCLEOD, of Opotiki, in the Provincial District of Auckland and Colony of New Zealand.—An invention for cutting maize.
860. (L.R.) 7th July. WILLIAM WILKINSON, of Brunswick Street, North Fitzroy, near Melbourne, in the Colony of Victoria, Woolsorter.—Improvements in wool-washing machines.
861. (L.R.) 7th July. THOMAS BREAKELL and JOSEPH HENRY HAYCRAFT, both of Adelaide, in the Province of South Australia, Gentlemen.—Improvements in the extraction of gold from finely-divided auriferous material.
862. (L.R.) 7th July. ALFRED KIRBY HUNTINGTON, of King's College, Strand, and WALTER EDWARD KOCH, of Philbeach Gardens, Kensington, both in the County of Middlesex, England.—An improved process for extracting precious metals from their ores.
863. (L.P.) 12th July. WILLIAM HENRY CUTTEN, of Dunedin, in the Provincial District of Otago and Colony of New Zealand.—An invention for a plough seat.
864. (L.P.) 11th July. PETER DUNCAN and DAVID DUNCAN, of Christchurch, in the Colony of New Zealand, Agricultural Implement Manufacturers.—Improvements in disc harrows, consisting of—(1st) The adapting of shafts for use with disc harrows; (2nd) a flexible ball-joint; and (3rd) a connection for the two rows of discs which allows of an independent action for either row.
865. (L.P.) 13th July. CHARLES CLARK ARMSTRONG, of Dunedin, in the Provincial District of Otago, in the Colony of New Zealand, Dealer.—Revolving clothes-dryer.
866. (L.R.) 18th July. CHARLES LA DOW, of the City of Albany, in the State of New York, United States of America.—An improvement in sulky harrows.
867. (L.R.) 18th July. DESMOND GERALD FITZGERALD, of Brixton, in the County of Surrey, England, and CHARLES HENRY WALKER BIGGS and WILLIAM WORBY BEAUMONT, both of the Strand, in the County of Middlesex, England.—Improvements in secondary batteries.
868. (L.R.) 18th July. DESMOND GERALD FITZGERALD, of Brixton, in the County of Surrey, England, and CHARLES HENRY WALKER BIGGS and WILLIAM WORBY BEAUMONT, both of the Strand, in the County of Middlesex, England.—Improvements in secondary batteries.
869. (L.R.) 18th July. CHARLES HENRY WALKER BIGGS and WILLIAM WORBY BEAUMONT, both of the Strand, in the County of Middlesex, England.—Improvements in apparatus or secondary batteries for the production, conservation, and regulation of electric currents.
870. (L.P.) 11th July. HENRY HONOUR, of Dunedin, in the Colony of New Zealand.—A water motor.
871. (L.R.) 25th July. HERBERT MAGUIRE WHITEHEAD, of 7, Lothbury, of the City of London, in England.—An improved method of and appliances for stowing bags of wool, hair, jute, and the like, inboard steam and other vessels, and the formation of walls of chambers or compartments thereby, within which meat and other perishable food may be preserved.
872. (L.R.) 25th July. FRANK WRIGHT and MATTHEW WILLIAM WALLBANK MACKIE, both of No. 80, Gray's Inn Road, in the County of Middlesex, England, Electrical Engineers.—A new or improved apparatus for blowing and shaping glass.
873. (L.P.) 26th July. WALTER MANNING, of Tory Street, Wellington, New Zealand.—Improved deviation-cards for the use of iron ships at sea.
874. (L.R.) 25th July. JOSHUA BARKER CARTER, of Barkly Street, St. Kilda, near Melbourne, in the Colony of Victoria, Gentleman.—An improved contrivance for paring and coring fruit and vegetables.

875. (L.P.) 27th July. MARMADUKE CLARKE, of Tomoana, in the Provincial District of Hawke's Bay, in the Colony of New Zealand, Manager of Works.—An improved machine or apparatus for filling cans or tins with meat in the meat-preserving process.
876. (L.P.) 30th July. JOHN PHILP KIDD, of Auckland, in the Provincial District of Auckland and Colony of New Zealand, Lime Merchant.—An invention for hydraulic cement, to be used for all purposes to which Portland cement is at present applied, namely, for concrete building purposes of all kinds, plastering, and other purposes of a like nature, and to be called and have the title of "Kidd's Hydraulic Cement."
877. (L.P.) 23rd July. SAMUEL PARKER, of Auckland, in the Provincial District of Auckland, New Zealand.—A galvanized lead-headed nail.
878. (L.P.) 31st July. GEORGE ROSS, of Wellington, in the Colony of New Zealand, Mechanical Engineer.—An invention for raising sunken ships or vessels of any description, and to be called "Ross's Patent Strain-equilibrium Ship-lifter."
879. (L.R.) 2nd August. LOUIS THENOT, of Paris, in the Department of the Seine and Republic of France, Doctor of Medicine.—Improvements in the treatment of quartz, auriferous sand and soil, and argentiferous and other ores, which may undergo amalgamation, and improved apparatus in connection therewith.
880. (L.R.) 2nd August. LEOPOLD HESSE, of Argyle Street, St. Kilda, in the Colony of Victoria, Manufacturing Chemist.—Improvements in closets and in closet-pans, and in the process of and apparatus for deodorizing and converting offensive matters, such as excreta, offal, &c., into a fertilizing material.
881. (L.P.) 28th July. EBENEZER HADRILL, of Howe Street, Auckland, in the Provincial District of Auckland, Manufacturer.—An invention for coating locomotive and other steam-boilers, to be titled "Hadrill's Improved Non-conductor-of-heat Composition," with the object of effecting a considerable saving in the consumption of fuel.
882. (L.P.) 30th July. DAVID ROSS, of Dunedin, in the Colony of New Zealand.—Ross's Patent Double-purpose Sanitary Self-acting Closet-seat.
883. (L.P.) 6th August. WALTER BOOTH, of Oamaru, in the Provincial District of Otago and Colony of New Zealand, Commission Agent, and GEORGE BOOTH, of Oamaru aforesaid, Carpenter.—High-pressure drip-stone filter.
884. (L.P.) 4th August. PETER DUNCAN and DAVID DUNCAN, of Christchurch, in the Colony of New Zealand.—An elliptical draught-spring, for use with ploughs and other agricultural implements which are liable to sudden jerks or strains when in use.
885. (L.R.) 10th August. ALFRED KIRBY HUNTINGTON, of Hampstead, and WALTER EDWARD KOCH, of Kensington, both in the County of Middlesex, England.—A new or improved amalgamating apparatus.
886. (L.R.) 10th August. JOHN JAMESON, of Akenside Hill, Newcastle-upon-Tyne, in the Kingdom of England, Consulting Engineer.—Improvements in the manufacture of coke.
887. (L.P.) 11th August. COLIN MACKAY and HENRY WALDEN, of Dunedin, in the Provincial District of Otago, New Zealand.—Mackay's Wire-spinning and Reeling Machine, for facilitating the operations of spinning or twisting and reeling barbed, spiked, or other wires.
888. (L.P.) 15th August. WILLIAM McLAUGHLIN, of Puhinui, near Otahuhu, in the Provincial District of Auckland and Colony of New Zealand, Engineer.—A land-clearer and hedge-trimmer.
889. (L.P.) 17th August. THOMAS WOOD, of Dunedin, in the Provincial District of Otago and Colony of New Zealand.—Wood's Watertight Boot.
890. (L.P.) 18th August. RICHARD JOHN LOVEGROVE, of Leeston, in the Provincial District of Canterbury, New Zealand.—An invention for shifting reaping- and binding-machines, to be called a shifting carriage.
891. (L.R.) 22nd August. DAVID MARKS, of Sydney, in the Colony of New South Wales, Merchant.—A perpendicular gas-generating burner for portable lamps, constructed to contain a reservoir of illuminating fluid. (W. Hooker.)
892. (L.P.) 20th August. WILLIAM HENRY CUTTEN, of Anderson's Bay, in the Provincial District of Otago and Colony of New Zealand, Engineer.—Cutten's Improved Coulter.
893. (L.P.) 21st August. JOHN ASPINALL, of Skipper's Point, in the Provincial District of Otago, New Zealand, Miner.—Aspinall's Hand- or Motive-power Rock-drill.
894. (L.P.) 22nd August. DUNCAN WILLIAM MACARTHUR, of Invercargill, in the Colony of New Zealand, Civil Engineer.—An invention for signalizing the approach of trains on railway lines or tramways at level crossings, sharp deep curves, tunnels, and so forth, to be styled "The Self-acting and -adjusting Railroad and Tramway Sliding Lever-Bar, Double-action Combination Bell-lamp, and Semaphore Signal."
895. (L.P.) 24th August. ARCHIBALD CAMERON, of Auchallander, Forrest Hill District, in the Provincial District of Otago and Colony of New Zealand, Settler.—An invention for hedge-cutting.
896. (L.P.) 24th August. ROBERT JAMES FERMOR WILLSON, of Dunedin, in the Colony of New Zealand.—A method of making children's and other elastic-sided boots much easier to put on, and at the same time of preserving the elastic.
897. (L.P.) 25th August. DUNCAN WILLIAM MACARTHUR, of Invercargill, in the Colony of New Zealand, Civil Engineer.—An invention for fastening windows by means of a self-acting window latch-lock.
898. (L.P.) 29th August. JOHN ALVES, of Dunedin, in the Colony of New Zealand, Engineer.—Improvements in apparatus for conveying material on aerial tramways or endless rope ways.
899. (L.P.) 6th September. CHARLES ATKIN, of Auckland, in the Colony of New Zealand, Coach-builder.—A noise-preventer, or anti-window-rattler.
900. (L.R.) 6th September. EDWARD JOHN HONEYCHURCH BROAD, of Park House, Enmore Road, Marrickville, Engineer, and WILLIAM THOMAS POOLE, of Sydney, M.L.A., Gentleman.—Improvements in the manufacture of white-lead from metallic lead,

901. (L.P.) 5th September. GEORGE HENRY MARSDEN, of Dunedin, in the Colony of New Zealand.—An invention for the manufacture of atmospheric gas.
902. (L.R.) 10th September. THOMAS ALVA EDISON, of Menlo Park, New Jersey, United States of America, Electrician.—Improvements in or relating to apparatus for the generation, distribution, and utilization of electrical energy.
903. (L.R.) 10th September. GEORGE PAYNE CLARKE, of Kensington Hill, near Melbourne, in the Colony of Victoria, Manufacturing Chemist.—An improved process for the production of solid fatty acids.
904. (L.R.) 10th September. ALFRED SWAN, of the Borough of Gateshead, in the County of Durham and Kingdom of England, Engineer.—Improvements in the manufacture or construction of incandescent electric lamps, and in machinery or apparatus to be employed therein.
905. (L.R.) 10th September. HENRY GERNER, of 67, Strand, in the City of Westminster, London, England.—Improvements in the treatment of india-rubber, gutta-percha, and analogous gums.
906. (L.R.) 10th September. THE PHOSPHOR-BRONZE COMPANY (LIMITED), of 87, Sumner Street, Southwark, London, England.—Improvements in the manufacture of silicious copper and silicious bronze, and the preparation of certain compounds, suitable to be employed in such manufacture. (Lazare Weiller.)
907. (L.R.) 10th September. THE E.C. POWDER COMPANY (LIMITED), of 11, Queen Victoria Street, in the City of London, England.—Improvements in the manufacture of explosives. (W. F. Reid and D. Johnson's.)
908. (L.P.) 8th September. ALEXANDER BURT, of Dunedin, in the Provincial District of Otago and Colony of New Zealand, Hydraulic Engineer.—A combined supply and concussion valve for hydraulic lift.
909. (L.P.) 8th September. ALEXANDER BURT, of Dunedin, in the Provincial District of Otago and Colony of New Zealand, Hydraulic Engineer.—A self-acting safety brake for hydraulic lift.
910. (L.P.) 7th September. HENRY JOSEPH CARSON, of Auckland, in the Provincial District of Auckland and Colony of New Zealand.—The Combination Letter-paper.
911. (L.P.) 14th September. CAMILLE Malfroy, of Ross, in the Provincial District of Westland and Colony of New Zealand, Hydraulic Engineer.—An improved reversible turbine for winding purposes, to be called "Malfroy's Patent Improved Reversible Turbine."
912. (L.P.) 14th September. THOMAS AWDRY, of Marton, in the County of Rangitikei, Farmer, and SAMWARD INGRAM, of Marton, aforesaid, Blacksmith.—A wool-press, called "The Cross-action Single Windlass Press."
913. (L.P.) 11th September. MARK SINCLAIR, of Dunedin, in the Provincial District of Otago and Colony of New Zealand, Coachbuilder.—The Sinclair Patent Combination Dog-cart and Double Buggy.
914. (L.P.) 12th September. ARCHIBALD CAMERON, of Auchallander, Forrest Hill District, in the Provincial District of Otago and Colony of New Zealand, Settler.—An invention for hedge-cutting.
915. (L.P.) 13th September. JOSEPH VENABLES, of 240, South Belt, in the City of Christchurch, New Zealand.—Tinned wire-nails with solid lead heads and washers.
916. (L.P.) 15th September. SYDNEY WROUGHTON FULTON, of West Taieri, in the Provincial District of Otago and Colony of New Zealand, Farmer.—An invention for straining wire in wire fences, called "The Improved Portable Wire-strainer."
917. (L.P.) 18th September. GEORGE DAVID JONES, of Dunedin, in the Provincial District of Otago, New Zealand.—An invention for a safety pocket.
918. (L.P.) 20th September. SAMUEL BAWDEN, of Grahamstown, in the Provincial District of Auckland, in the Colony of New Zealand, Assayer and Mine Engineer.—Bawden's Improved Turbine.
919. (L.P.) 25th September. GEORGE BIRD and LUKE WILLIAM GEGAN, both of Christchurch, in the Provincial District of Canterbury, New Zealand.—A secondary battery cell for storing or conserving electricity.
920. (L.P.) 25th September. ARTHUR CHARLES ANDREWS, of Queen Street, Sydenham, in the Colony of New Zealand.—A machine for the manufacture of paper bags, to be called "Andrews's Patent T-shaped Paper-bag-making Machine."
921. (L.R.) 27th September. ELPHINSTONE ROE, of Eucla, in the Colony of Western Australia, Telegraph Line Inspector.—An invention entitled "Nictograph," or improved system of signalling.
922. (L.R.) 27th September. EDMUND COGGSWELL CONVERSE, of Pittsburg, in the County of Alleghany and State of Pennsylvania, in the United States of America.—Improvements in couplings for tubing.
923. (L.R.) 27th September. WILLIAM WOODCOCK, of Oamaru, in the Colony of New Zealand, Manufacturer of Barbed Fencing-wire, and EDWARD WEST, of Oamaru, aforesaid, Commission Agent.—Improved contrivances for barbing wire by hand.
924. (L.R.) 27th September. Sir WILLIAM THOMSON, of Glasgow, in the County of Lanark, North Britain, Knight, Doctor of Laws and Professor of Natural Philosophy in the University and College of Glasgow; SEBASTIAN ZIANI DE FERRANTI and ALFRED THOMSON, both of No. 3, Fenchurch Avenue, in the City of London, Electricians.—Improvements in electric-arc lamps, and in apparatus for generating, regulating, and measuring electric currents used for working the same, and for other purposes.
925. (L.R.) 27th September. EDWIN JENKINS and ALEXANDER LAW, both of Exhibition Street, Melbourne, in the Colony of Victoria, Founders, and WILLIAM PRICE, of Pitt Street, Carlton, in the said Colony, Ironworker.—An improved process of annealing chilled and other iron castings.



926. (L.P.) 20th September. WILLIAM MARTIN, of Claremont Street, in the suburbs of Auckland, in the Provincial District of Auckland and Colony of New Zealand.—Improvements in portable show-pens for the exhibition of poultry, &c., to be called "Improved Portable Show-Pens."
927. (L.P.) 4th October. THOMAS JOHNSON THOMPSON, of Campbelltown, in the Provincial District of Otago and Colony of New Zealand, Marine Surveyor.—An improvement in the manufacture of cement, to be called "Thompson's Bluff Portland Cement;" also of artificial stone, bricks, tiles, drain-pipes, and any other articles of stoneware.
928. (L.P.) 1st October. WILLIAM ANDREWS and ARTHUR WARD BEAVEN, both of the City of Christchurch, in the Provincial District of Canterbury and Colony of New Zealand, Engineers, carrying on business as such at Christchurch aforesaid, in copartnership under the name or style of "Andrews and Beaven."—An invention for automatic self-regulating feed for mill.
929. (L.R.) 5th October. WILHELM FISCHER, of Leipsic, Kingdom of Saxony, German Empire.—Improvements in pianofortes.
930. (L.R.) 5th October. LUCIAN GAULARD, of Montague Place, Bedford Square, and JOHN DIXON GIBBS, of Bury Street, St. James's, both in the County of Middlesex, England.—A new system of distributing electricity for the production of light and power.
931. (L.P.) 5th October. HERBERT GABY, of the City of Wellington, in the Colony of New Zealand, Engineer.—An improvement in mixing atmospheric air with gas.
932. (L.P.) 2nd October. WILLIAM ARCHIBALD MURRAY, of Piako, in the Colony of New Zealand, Farmer.—Automatic preventive to railway collisions.
933. (L.P.) 9th October. SYDENHAM OXENHAM, of Makaraka, in the County of Cook and Colony of New Zealand, Contractor.—Portable combined seed and grain cleaner and separator.
934. (L.P.) 6th October. JAMES RITCHIE, of Kaikorai, Dunedin, in the Colony of New Zealand.—An invention for blasting and boring purposes, entitled "The Torpedo Blast Depositor."
935. (L.P.) 8th October. ROBERT KENNEDY, of Dunedin, in the Colony of New Zealand, Engineer.—Improvements in apparatus for scrubbing, washing, and mopping floors, ships' decks, &c.
936. (L.P.) 8th October. WILLIAM LANGDOWN, of Saint Asaph Street, Christchurch, in the Colony of New Zealand.—An invention for combining the turning of rims and boring of naves of wheels at one operation.
937. (L.P.) 9th October. ROBERT JAMES FERMOR WILLSON, of Dunedin, in the Provincial District of Otago and Colony of New Zealand.—A new cradle washing machine, that can be easily worked either by a hand-lever or treadle, and will thoroughly cleanse without tearing the clothes.
938. (L.P.) 10th October. WILLIAM HENRY PRICE, of Sydenham, in the Colony of New Zealand, Brass-founder.—A high-pressure portable force-pump.
939. (L.P.) 12th October. FRANCIS HENRY ASBURY, of Dunedin, in the Colony of New Zealand, Heating and Ventilating Engineer.—Improvement in apparatus and appliance for warming and ventilating private and public buildings by steam and hot water.
940. (L.P.) 9th October. WILLIAM McLAUGHLIN, of Puhinui, near Otahuhu, in the Provincial District of Auckland and Colony of New Zealand, Engineer, and WILLIAM DUNWOODIE, of Onehunga, in the said Provincial District, Engineer.—An invention for digging and bagging potatoes, to be called a "Potato Harvester."
941. (L.R.) 16th October. THE VELOPLASTIC COMPANY (LIMITED), of 4, Royal Exchange Buildings, in the City of London, in England.—A new or improved manufacture of material in imitation of leather, wood fabrics, or other embossed or figured surfaces.
942. (L.R.) 16th October. FRANCIS BLUNDELL WARRE MALET, of Christchurch, in the Provincial District of Canterbury, in New Zealand, Accountant.—An improved fencing wire.
943. (L.P.) 16th October. ROBERT ROBIN, of Reefton, in the County of Inangahua, New Zealand, Assayer.—An improvement in gold-saving machinery, to be called "Robin's Revolving Blanket and Concentrating Process."
944. (L.P.) 13th October. THOMAS HAXTON and GEORGE BEATTIE, both of Dunedin, in the Provincial District of Otago, New Zealand.—Improvements in broadcast grain- and seed-sowers.
945. (L.P.) 17th October. GEORGE JACKSON, Wood-worker, and ALBERT JACKSON, Wire-worker, both of Dunedin, in the Provincial District of Otago and Colony of New Zealand.—An improvement in fret-saw machinery, to be designated "Jackson Brothers' Patent Wire Fret-Saw Machine."
946. (L.P.) 20th October. PETER DUNCAN and DAVID DUNCAN, both of Christchurch, in the Colony of New Zealand.—An arrangement for discharging artificial manure from manure-distributers, and seed from seed-sowers.
947. (L.P.) 20th October. GEORGE THOMAS BOOTH, WILLIAM ROSS, and RANALD MACDONALD, all of the City of Christchurch, in the Colony of New Zealand, trading together in copartnership as Implement Manufacturers, under the style or firm of Booth, Macdonald, and Company.—Improved parallel adjustment for front wheel of plough.
948. (L.P.) 16th October. EDWIN LATIMER CLARK, of Hobsonville, in the County of Waitemata and Colony of New Zealand, Brick- and Pipe-maker.—Vertical brick-making and pipe machine.
949. (L.P.) 23rd October. HENRY HUGHES, of Wellington, in the Colony of New Zealand.—Improvements in and apparatus for feeding locomotive and other steam-boilers or generators, applicable also for raising and forcing water for other purposes.
950. (L.P.) 22nd October. FRANCIS BLUNDELL WARRE MALET, of Christchurch, in the Colony of New Zealand, Gentleman.—An improved metal standard for fencing purposes, to be called "Malet's Case Standard."



951. (L.P.) 17th October. WALTER GREENSHIELDS, of Auckland, in the Colony of New Zealand, Bracist.—Hygienic kneelets.
952. (L.P.) 25th October. JAMES GRAY, of Dunedin, in the Colony of New Zealand, Agricultural Implement Maker.—Improvements in twine-binders.
953. (L.R.) 31st October. FLEEMING JENKIN, of 3, Great Stuart Street, Edinburgh, Scotland.—Improvements in machinery used for transporting goods and passengers by the aid of electricity.
954. (L.R.) 1st November. ALFRED SWAN, of the Borough of Gateshead, in the County of Durham and Kingdom of England, Engineer.—Improvements in glass bulbs or globes for incandescent electric lamps.
955. (L.P.) 31st October. ERNEST RICHARDSON, of Dunedin, in the Colony of New Zealand, Engineer.—A machine to be used in conjunction with any kind of weighing-machine for automatically registering and totalling weights of packages weighed thereon, to be known as "Richardson's Reliable Weight-registering Machine."
956. (L.P.) 1st November. THOMAS ROBERTS, of Christchurch, in the Colony of New Zealand, Civil Engineer.—An invention for the filtration of sewage.
957. (L.P.) 2nd November. ALEXANDER BINNIE, of Maori Hill, Dunedin, in the Colony of New Zealand.—An invention for making, extracting, and generally producing inflammable gas for the purpose of lighting, heating, or other use, and entitled "Binnie's Improved Gas Machine."
958. (L.P.) 7th November. WILLIAM HONE, JOSEPH SWANN, and CHRISTIAN KOERSTZ, all of Waverley, in the County of Patea and Colony of New Zealand.—An invention for pressing wool, &c., called "Hone's Press."
959. (L.P.) 29th October. WILLIAM VICKERY, of Auckland, in the Colony of New Zealand, Millwright and Engineer.—Patent roller fence or guide.
960. (L.R.) 8th November. EDWARD DAVIES, of Llandinam, in the County of Montgomery, Great Britain.—Improvements in apparatus for feeding locomotive and other steam-boilers or generators, applicable also for raising or forcing liquids for other purposes.
961. (L.R.) 8th November. JOSEPH C. WIGHTMAN, of Boston, in the United States of America.—Improvements in implements for shearing sheep, and in machinery for driving same.
962. (L.P.) 8th November. WILLIAM ADAMS, of Blue Spur, Lawrence, in the Colony of New Zealand.—An invention for crushing friable substances, and entitled a "Quartz-crusher."
963. (L.P.) 8th November. JOHN EDWARD TAYLOR, of Mangere, near Auckland, in the Colony of New Zealand, Gentleman.—"Taylor's Settler's Windmill."
964. (L.R.) 12th November. GUSTAVE SUEUR, of 62, Little Collins Street East, in the City of Melbourne and Colony of Victoria, Watchmaker.—An improved registering device.
965. (L.P.) 16th November. LAURENCE TEMPLE HIPPLEY, of Christchurch, in the Colony of New Zealand.—A standard for wire fencing.
966. (L.P.) 8th November. ALFRED VERRALL, of Newton, near Auckland, in the Colony of New Zealand, Coachbuilder.—Certain improvements in the coachbuilding trade, consisting of ironwork for drays and other vehicles, to be called "Verrall's Vehicle Improvements."
967. (L.R.) 21st November. JOHN WILLIAM POST, of the City, County, and State of New York, in the United States of America.—Improvements in sewing-machines.
968. (L.P.) 22nd November. WILLIAM DOUSLIN, of Blenheim, Marlborough, in the County of New Zealand, Architect.—A rabbit-catcher.
969. (L.P.) 16th November. SIMON BOLT, of Coromandel, in the Provincial District of Auckland and Colony of New Zealand, Mariner.—Bolt's Safety Self-disconnecting Shackle or Socket for Lifeboats from Ships.
970. (L.P.) 24th November. THOMAS BRICKELL, of Dunedin, in the Colony of New Zealand.—An invention for straining wire, and called "Brickell's Improved Wire-strainer."
971. (L.R.) 5th December. JAMES BAILLEE HAMILTON, of Studland Street, Hammersmith, in the County of Middlesex and Kingdom of England.—Improvements in organs, harmoniums, or like reed-key instruments.
972. (L.P.) 14th December. LOUIS PHILIP ARMITAGE, of Auckland, in the Colony of New Zealand, Coalminer.—Armitage's Enamel.
973. (L.P.) 12th December. JAMES KELLY and JAMES YOUNG KELLY, both of Auckland, in the Colony of New Zealand, Ironfounders.—Kelly's Centrifugal Centuple Steam or Water Engine.
974. (L.P.) 6th December. FRANCIS BLUNDELL WARRE MALET, of Christchurch, in the Colony of New Zealand, Gentleman, and ERNEST RHIND ANDERSON, of Christchurch aforesaid, General Agent.—An improved metal strainer for straining wires on fences, to be called "The Simplex Strainer."
975. (L.P.) 6th December. WILLIAM PAYNE, of Christchurch, in the Colony of New Zealand, Bootmaker.—An improvement in Singer's Universal Arm Feed Sewing Machine for the use of boot- and shoemakers, called "Payne's Improved Needle Plate."
976. (L.P.) 6th December. RICHARD THOMAS WEBB, of Southbridge, in the Provincial District of Canterbury and Colony of New Zealand, Merchant.—An invention for excavating and elevating gravel, earth, sand, and any such material, and depositing same into trucks, carts, or otherwise.
977. (L.P.) 6th December. RICHARD THOMAS WEBB, of Southbridge, in the Provincial District of Canterbury and Colony of New Zealand, Merchant.—An invention for cutting or trimming hedges.
978. (L.P.) 6th December. JAMES WALTER OLIVER, of Ashburton, in the Colony of New Zealand.—An improvement in gorse-cutting machines.
979. (L.P.) 6th December. JOHN ANGELICUS THOMAS BUTLER, of Auckland, in the Colony of New Zealand, Oil and Colour Merchant.—Butler's Hanging Stage.

980. (L.P.) 10th December. JAMES SCOTT INGRAM, of Auckland, in the Colony of New Zealand.—Ingram's Patent Metal Cheese-Hoop.
981. (L.P.) 15th December. JOSHUA RUTLAND, of the Pelorus Valley, in the Provincial District of Marlborough and Colony of New Zealand.—An invention for fastening the handles of knobs into the axles of door-locks.
982. (L.P.) 17th December. ROBERT CLARK, of Dunedin, in the Colony of New Zealand.—The Automatic Flush-closet Cistern.
983. (L.P.) 18th December. ALFRED COLVILLE, of Temuka, in the Colony of New Zealand.—An invention for the winnowing of grain and grass, styled "Colville's Patent Improved Grain-and Grass-winnowing Machine."
984. (L.P.) 19th December. EWEN ALEXANDER CAMERON, of Nokomai, in the Provincial District of Otago and Colony of New Zealand, Architect's Articled Pupil.—An invention for exterminating rabbits, and titled "Cameron's Rabbit Exterminator."
985. (L.P.) 19th December. EWEN ALEXANDER CAMERON, of Nokomai, in the Provincial District of Otago and Colony of New Zealand, Architect's Articled Pupil.—An invention for exterminating rabbits, and titled "Cameron's Centrifugal Fan Rabbit Exterminator."
986. (L.P.) 19th December. CHARLES REYNOLDS, of Rakaia, in the Colony of New Zealand, Agricultural Engineer.—A labour-saving threshing machine, styled "Reynolds's Labour-saving Threshing Machine."
987. (L.P.) 21st December. WILLIAM CRAIG, of Caversham, near Dunedin, in the Colony of New Zealand, Baker.—Coddler-oil biscuits.
988. (L.P.) 22nd December. LEWIS ROSE GILLANDERS, of Ravensbourne, near Dunedin, in the Colony of New Zealand, Mechanical Engineer.—A new oscillating three-cylinder steam-engine.
990. (L.P.) 31st December. THOMAS KELLY, of Auckland, in the Colony of New Zealand.—Kelly's Hydraulic-lime Pressed Bricks.
991. (L.P.) 31st December. JAMES SCOTT INGRAM, of Auckland, in the Colony of New Zealand.—Ingram's Patent Rocking Cheese Vat.

APPLICATIONS FOR LETTERS PATENT LAPSED AFTER PUBLICATION OF LIST FOR 1882.

643. W. TAYLOR.—Self-closing gate hinge.
645. F. CROOK.—Cutting shingles by band-saw.
680. W. R. BUCHAN.—Amalgamator and gold-chloridizer.
688. A. S. FORD.—A crystal engine.
691. W. J. DALTON.—United pattern mould.
692. A. WALKER.—Automaton draught-preventer.
696. P. DUNCAN and D. DUNCAN.—Centre for skeith, or circular coulter for ploughs.
697. W. ISHERWOOD and J. S. LITTLE.—Fire-escape ladder.
701. F. B. W. MALET.—Fixing barbed points to fencing wire.
711. J. L. BACON.—Santa Fe (an aerated beverage).
712. E. P. AMESBURY.—Dental plates.
713. J. L. BACON.—Prevention of sea-sickness.
716. J. W. MANSFIELD.—Cutting gorse hedges.
717. W. LANGDOWN.—Bending timber into wheel-rims, &c.
718. G. RAYNER.—An electric band.
719. J. H. CULLIMORE.—United pattern marker.
720. J. SMITH and S. SMITH.—Box for butter.
721. T. DANKS.—Piston for chain-pumps.
722. T. DANKS.—Tube boiler for cooking-ranges, &c.
729. D. THOMPSON.—Self-regulating turbine windmill.
730. W. S. LANE.—Reefing and furling apparatus.
731. W. VICKERY.—Vickery's Patent Guide.
733. J. M. BROWN and C. FRAGGATT.—Mixture of wheaten meal and a baking-powder.
737. B. DICKSON.—Exterminating rabbits, &c.
738. R. MARTIN.—Cable curve pulley.
741. J. B. MOIR.—Portable furnace frame.
742. G. RAYNER.—Patent gold-saver.
745. W. A. HARPER and J. W. ROCK.—Quarrying, &c., stone.
747. W. WOODCOCK.—Barbing fencing-wire.
748. W. VICKERY.—Washing-machine.
749. J. ARMISHAW and A. G. HOWLAND.—Deodorizing, &c.

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 of the Government Printer, Patent Office Agents, Postmasters, or booksellers.

Patent Office,  
Wellington, 13th May, 1884.

C. J. A. HASELDEN,  
Patent Officer.