1882.

NEW ZEALAND.

LETTERS PATENT AND LETTERS OF REGISTRATION

APPLIED FOR DURING 1881 (LIST OF).

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

*** L.R. means Letters of Registration and L.P. Letters Patent.

499. (L.R.) 7th January. EZRA HINCKLEY, of Melbourne, Engineer.—A spiral spring-bed.
500. (Not proceeded with. *See* No. 540.)
501. (L.R.) 19th January. GEORGE HENRY JENNINGS, of Palace Wharf, Stangate, Surrey, England.—Improvements in water-closets, and in traps and appliances for controlling the supply of water.
502. (L.R.) 19th January. Sir JOHN COODE, Knight, of 5, Westminster Chambers, Victoria Street, Westminster, England.—Improvements in apparatus for landing or delivering sand, mud, shingle, gravel, or such-like materials from barges or other vessels, especially such as may have been raised by dredging.
503. (L.P.) 25th January. THOMAS HAXTON, of Gore, Otago, New Zealand, Blacksmith.—Teethed flexible folding harrows.
504. (L.P.) 28th January. WILLIAM STEWART JAMES HORNE MUNRO, of Wellington, New Zealand, Doctor of Medicine. (Patent granted to Mrs. Isabella Scott Munro, executrix of Dr. Munro.)—An invention for making cement.
505. (L.R.) 12th February. ALEXANDER DONALD MACLEAY, of 107, Victoria Street, Westminster, WILLIAM ARCHER, WILLIAM ATMAR FANNING, GEORGE FAIRBAIRNE, FRANCIS A. GWINNE, ALEXANDER CALDCLEUGH MACLEAY, and HERBERT MAGUIRE WHITEHEAD.—Improvements in machinery or apparatus for the artificial production of cold for ice-making and other purposes.
506. (L.P.) 23rd February. JAMES MUNRO BERTRAM, of Halcombe, Wellington, New Zealand, Settler.—A machine for stripping or scraping and cleaning all extraneous vegetable matter from the fibre contained in New Zealand flax.
507. (L.P.) 23rd February. JAMES MUNRO BERTRAM, of Halcombe, Wellington, New Zealand, Settler.—A machine for softening the fibre of New Zealand flax after having been cleaned in a flax-dressing machine.
508. (L.P.) 23rd February. JULIUS SHADICK, of Wellington.—An improved saddle. (Not proceeded with.)
509. (L.R.) 7th March. THE ANGLO-AMERICAN ELECTRIC LIGHT COMPANY (LIMITED), of 74, Hatton Garden, London.—Improvements in electric lighting, and in apparatus therefor.
510. (L.R.) 7th March. THOMAS ALVA EDISON, of Menlo Park, New Jersey, United States of America.—Improvements in electric lamps, and in carbons or incandescing conductors therefor, and in means for and methods of manufacturing the same.
511. (L.R.) 7th March. THOMAS ALVA EDISON, of Menlo Park, New Jersey, America.—Improvements in dynamo- or magneto-electric machines and other electric motors.
512. (L.R.) 7th March. THOMAS ALVA EDISON, of Menlo Park, New Jersey, America.—Improvement in system of conductors for the distribution of electricity as a lighting and motive-power agent, and in appliances connected therewith.
513. (L.P.) 18th March. ROBERT LOCKHEAD, of Dunedin.—An automatic adjustable gas or heater plaiter machine. (Not proceeded with.)
514. (L.R.) 25th March. HERMANN HIRSCH, of 4, 5, and 6, Great St. Helen's, London, Middlesex, Great Britain.—Improvements in the shaping and constructing of hulls of vessels, propellers, rudders, and other bodies which have to act in or be acted upon by water.
515. (L.R.) 1st April. THOMAS JOHN MULLINGS, of London, England, Gentleman.—A new and improved process for extracting oil and fat and oily and fatty matters from wool and other substances, and the apparatus connected therewith and applicable thereto.
516. (L.R.) 1st April. WILLIAM ROBERT LAKE, of Southampton Buildings, London, England.—Improvements in grain-binding mechanism for harvesting machines. (S. Johnston's.)
517. (L.P.) 9th April. HENRY PRESTON, of Waikiwi, near Invercargill, New Zealand, Woolscourer.—An invention for washing wool and other material, to be called "Preston's Self-acting Wool-wash."

518. (L.P.) 12th April. George Fraser, of Auckland, Engineer.—Improvement in the consumption of fuel and of the gases therefrom, and for the prevention of smoke, and in the apparatus or mechanism employed therefor.
519. (L.R.) 13th April. Louis John Crossley, of Halifax, York, England.—Improvements in apparatus and arrangements for telephonic and microphonic purposes.
520. (L.R.) 13th April. Thomas Alva Edison, of Menlo Park, New Jersey, United States of America, Electrician.—Improvement in means for measuring the amount of electrical current flowing through a circuit which is designated a verbermeter.
521. (L.P.) 16th April. Vincent Carey Venimore, of Havelock, Marlborough, Cabinetmaker.—A spherical castor. (Not proceeded with.)
522. (L.P.) 22nd April. William Cook Dean, of Cashel Street, Christchurch, New Zealand, Tin-Plate Worker.—An apparatus for wiring, rolling, and closing tin, iron, brass, copper, zinc, and any other sheet-metals.
523. (L.R.) 28th April. Harriet Fox, of North End, Huntingdon, Great Britain (executrix of William Henry Balmain).—Improvements in painting, varnishing, and whitewashing.
524. (L.P.) 9th May. Alfred Lee Smith, of Dunedin.—An automatic expanding brick-separater.
525. (L.R.) 20th May. Libbens Baldwin Miller and Philip Diehl, both of Elizabeth, in the State of New Jersey, United States of America.—Improvements in sewing-machines.
526. (L.P.) 26th May. Richard James Tonks, of Greymouth, New Zealand.—Improvements in machinery for the crushing, pulverizing, treating, and amalgamating of auriferous ores, and the extraction of the precious metals therefrom. (Not proceeded with.)
527. (L.P.) 1st June. John Dixon, of 266, Church Street, Richmond, County of Bourke, Victoria, and of 15, Water Street, Liverpool, in the County of Lancaster, England, Gas Engineer.—The manufacture of an improved gas, and the apparatus and method therein employed.
528. (L.R.) 8th June. John Lamont, of Glasgow, County of Lanark, North Britain, Merchant.—Improvements in stoppers for bottles for containing aërated or gaseous liquids.
529. (L.R.) 8th June. Henry Francis Parsons, of the City and County of San Francisco.—An improved portable hand-power machine for drilling holes in rocks and other substances.
530. (L.P.) 9th June. John Wesley Ffrost, of Wellington.—Ffrost's self-inking rubber-stamp cabinet. (Not proceeded with.)
531. (L.R.) 13th June. John Auguste Arnold Bucholz, of Vauxhall, Surrey, England, Engineer.—Improvements in machinery for grinding wheat and other grain.
532. (L.R.) 13th June. John Auguste Arnold Bucholz, of Vauxhall, Surrey, England, Engineer.—An improved process for the conversion of wheat to flour and bran.
533. (L.R.) 8th July. George Harbison, of Camberwell, London, England (temporarily of Hobart, Tasmania).—An improved apparatus for scraping, cleaning, and preparing hides and skins, and also for dressing and finishing leather.
534. (L.R.) 8th July. George Westinghouse, jun., of Pittsburg, Pennsylvania, United States of America, Engineer.—Improvements in apparatus for working brakes by fluid pressure.
535. (L.P.) 14th July. George Hobbs and William Goodwin, both of Christchurch, New Zealand, trading under the name of Hobbs and Goodwin, Bill-posters.—A registering machine called a "Pari Mutuel."
536. (L.R.) 14th July. Alfred Lee, of 26, Brunswick Street, Fitzroy, Victoria, Meat-preserver; John Alston Wallace, of 52, Bourke Street East, Melbourne, Victoria, M.L.C.; and Robert Wright Knox, of Melbourne, Gentleman.—Improvements in the process of and in contrivances used for the preservation of meat.
537. (L.R.) 14th July. Joseph Stokes Williams, of Riverton, New Jersey, United States of America, and of Glasgow, Lanark, North Britain.—Improvements in the construction of supports or posts for railway signals and other purposes.
538. (L.R.) 14th July. Joseph Stokes Williams, of Riverton, New Jersey, United States of America, and of Glasgow, Lanark, North Britain.—Improvements in railway-crossings, switches, and the apparatus or means for signalling upon or operating mechanism connected with lines of railway.
539. (L.P.) 18th July. Robert Julian Scott, of Dunedin, Gentleman.—An improved steam boiler and engine.
540. (L.P.) 18th July. Decimus Atkinson, of New Plymouth, Gentleman.—An improved method of manufacturing Portland cement, to be called "Atkinson's Patent Portland Cement."
541. (L.P.) 1st August. James Bradley, of Ashburton, Contractor.—Bituminous concrete.
542. (L.R.) 2nd August. Thomas Alva Edison, of Menlo Park, New Jersey, United States of America, Electrician.—Improvements in the construction of machinery and appliances for electro-magnetic railroads, and in the generation, distribution, and translation of electricity for working the same.
543. (L.R.) 2nd August. The Acme Horseshoe Nail Company (Limited), of 25, Abchurch Lane, London.—Improvements in machinery or apparatus for the manufacture of horseshoe nails.
544. (L.R.) 2nd August. Peter Tyrer, of 425, King Street, Melbourne, Victoria, Engine-driver.—Improved contrivances for arresting and extinguishing sparks from steam-engines.
545. (L.P.) 4th August. William Francis Kinnear, of Oamaru, Otago.—An invention for the refrigeration of butter and milk and other liquids and watery solids, such as wines, jellies, fish, &c., under the title of "The Domestic and Dairy Refrigerator." (Not proceeded with.)
546. (L.R.) 15th August. Frederick Siemens, of Dresden, German Empire, Engineer.—Improvements in lamps.
547. (L.R.) 8th September. The Dean Patent Company, of California, United States of America.—Improvements in the preparation of nitro-glycerine compounds.
548. (L.P.) 12th September. James Lawrie Grant, of Dunedin, Engineer, and Thomas Muir Grant, of Wellington, Surveyor.—An invention for ink-grinding. (Not proceeded with.)

549. (L.R.) 15th September. Thomas Alva Edison, of Menlo Park, New Jersey, United States of America, Electrician.—Improvements in systems of electric lighting, in electric lamps, and in constituent parts thereof, and in means and methods of manufacture connected therewith.
550. (L.R.) 15th September. Thomas Alva Edison, of Menlo Park, New Jersey, United States of America, Electrician.—Improvements in verbermeters, or devices for measuring and registering the current flowing through conductors.
551. (L.R.) 15th September. Thomas Alva Edison, of Menlo Park, New Jersey, United States of America, Electrician.—Improvements in magneto- or dynamo-electric machines applicable to both generators and engines.
552. (L.R.) 15th September. Hugh Thomas Smith, of 43, Globe Buildings, Sussex Street North, Sydney, New South Wales, and Henry Upton Alcock, of 132 and 134, Russell Street, Melbourne, Victoria, Timber Merchant.—Improvements in apparatus for manufacturing illuminating gas.
553. (L.P.) 22nd September. James Gear, of Wellington, New Zealand, Butcher.—An improved process for meat-preserving, pressing, and packing in tin cans, to be called "Gear's Patent Meat-Preserving and Pressing Process."
554. (L.R.) 24th September. Deere and Company, of Moline, in the County of Rock Island and State of Illinois, United States of America.—Improvements in sulky ploughs. (G. Moore's.)
555. (L.P.) 1st October. Charles McQueen, of Dunedin, New Zealand.—An improved pulverizing, amalgamating, and pyrites-separating machine for gold-saving.
556. (L.P.) 1st October. William Murray, of Totara, near Oamaru, New Zealand, Stonemason.—A machine for quarrying and cutting stone.
557. (L.P.) 15th October. William Constantine Green, of Invercargill, New Zealand, Sanitary Engineer.—Improvements in apparatus applicable to dry closets for disinfecting and deodorizing and preparing manures, parts of which are applicable to the separating of cinders from ashes.
558. (L.P.) 17th October. James Lees, of Oamaru, New Zealand.—An invention for providing an improved method of manufacturing barbed wire of an improved description. (Not proceeded with. *See* No. 583.)
559. (L.R.) 18th October. Orazio Lugo, M.D., of the City, County, and State of New York, United States of America.—Improvements in telegraphy.
560. (L.R.) 18th October. John Mitchell, of Eaglehawk, near Sandhurst, Victoria, Engineer.—Improvements in rock-drills.
561. (L.R.) 18th October. James Hornsby, John Innocent, and George Thomas Rutter, all of Grantham, County of Lincoln, England.—Improvements in harvesting and sheaf-binding machinery or apparatus.
562. (L.R.) 18th October. Thomas L. Rankin, of the City and State of New York, and Charles A. Randall, of the City of Brooklyn, State of New York, United States of America.—Improvements in ammonia-stills for ice-machines.
563. (L.P.) 21st October. John Guy, of Patea, New Zealand.—A washing-machine, to be entitled "The Excellent Washer."
564. (L.P.) 26th October. Edward Torrens Brissenden, of Epsom, near the City of Auckland, New Zealand, Gentleman.—An invention for the manufacture of compressed fuel.
565. (L.P.) 28th October. James McDonald, of Tokomairiro, New Zealand, Limeburner.—Improvements in kilns for burning lime or cement.
566. (L.P.) 29th October. John Edward Hayes, of Wellington, New Zealand, Plumber.—A registrator, or improved registering machine.
567. (L.P.) 8th November. James Wilson Mansfield, of Christchurch, New Zealand, Engineer.—An invention for gorse-cutting.
568. (L.R.) 10th November. Thomas Alva Edison, of Menlo Park, New Jersey, United States of America, Electrician.—Improvements in devices for measuring the electric current passing through or used upon a certain circuit.
569. (L.P.) 14th November. Peter Orr, of Oamaru, New Zealand, Farmer.—An invention for planting potatoes.
570. (L.R.) 18th November. Nicholas August Otto, of Deutz, on the Rhine, German Empire, Engineer.—Improvements in gas-motor engines.
571. (L.P.) 21st November. William Douslin, of Blenheim, Marlborough, New Zealand, Architect.—Invention for sockets for candlesticks and extinguishers.
572. (L.R.) 28th November. Nathan Weston Spaulding, Manufacturer, and Albert William Collins, both of San Francisco, California, United States of America.—Improvements in sheep-shears.
573. (L.P.) 5th December. Hugh Roxburgh, of Maerewhenua, County Waitaki, New Zealand, Farmer, and James Crawford, of Ngapara, in same county, Engine-fitter.—An invention for feeding automatically threshing-mills, and cutting the bands of sheaves without manual aid.
574. (L.P.) 9th December. Henry Augustus Levestam, of Nelson, New Zealand, Engineer.—An improvement in the rudder of ships or vessels of all kinds.
575. (L.R.) 16th December. Samuel Henry Crocker, of Railton, Tasmania, Mechanical Engineer.—An improved process of engraving on glass or glassy surfaces, either direct or by transfer.

Letters Patent Lapsed through Non-payment of Renewal Fee, up to 23rd September, 1881.

338. M. J. M. Macdonald.—Rabbit-destroyer.
339. L. Stowe.—Performing sums in addition.
340. H. O'Brine.—Steam threshing-machines.
341. W. Hogg.—Adjusting cut of ploughshare.
343. R. Niedergesaess.—Brick-machine.
344. F. Gaitt.—Shop and window decorator.
346. W. Andrews and H. Moffat.—Wire-extractor.

347. H. B. KIRK.—Kilns, &c., for burning bricks, &c.
350. A. L. SMITH.—Brick-kilns.
354. J. MCLEOD.—Timber-jack.
355. J. ALVES.—Wire-suspension tramways.
356. C. HIBBERD.—Artificial stone.

APPLICATION FOR LETTERS PATENT LAPSED AFTER PUBLICATION OF LIST FOR 1880.

494. W. LODDER.—Anti-fouling composition.

N.B.—By "The Patents Act Amendment Act, 1881," the cost of obtaining Letters Patent has been reduced (if there is no opposition) to £10, £1 of which is payable on lodging the application, £2 on obtaining the Letters Patent any time before the expiry of the six months' protection, and £7 at or before the expiration of the fifth year. The advertising the day of hearing is now done by the Patent Office, without cost to the applicant.

Full particulars as to forms, mode of procedure, &c., are contained in a Digest of the Patents Acts, with Extracts from the Regulations and Table of Fees, which can be obtained of the Government Printer or through any bookseller, price 6d.

Patent Office,
Wellington, March, 1882.

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

By Authority: GEORGE DIDSBURY, Government Printer, Wellington.—1882.