

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 register, 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.