

1886.
NEW ZEALAND.

LETTERS PATENT AND LETTERS OF REGISTRATION

APPLIED FOR DURING 1885.

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

[L.R. means Letters of Registration.]

1349. 7th January. CHARLES LAWRENCE and THOMAS FITZGERALD WINTOUR, both of Southampton, England, Ventilating Engineers.—An invention for improvements in or applicable to ventilating apparatus.
1350. 7th January. SAINT JOHN VINCENT DAY, of 115, Saint Vincent Street, Glasgow, in the County of Larnack, North Britain, Civil Engineer and Patent Agent.—An invention for improvements in the manufacture of packs or bags for holding and conveying wool.
1351. 8th January. DANIEL MURPHY, of Springlands, Wairau, in the Provincial District of Marlborough, New Zealand Flax-miller.—An invention for stripping or first fibering New Zealand flax (*Phormium tenax*).
1352. 6th January. PAUL JOSKE, of Suva, in the Colony of Fiji.—An invention for making beverages, to be called “Joske’s Patent Kava Beverages.” (Not proceeded with.)
1353. 8th January. WILLIAM ARCHIBALD MURRAY, of Piako, in the Provincial District of Auckland, New Zealand, Farmer.—An invention for hoeing and cultivating land, to be known as “The Triumph Hoe and Drill Cultivator.”
1354. (L.R.) 12th January. JAMES HORNSBY, FREDERICK CHARLES SOUTHWELL, and JOHN INNOCENT, all of the Spittlegate Ironworks, Grantham, in the County of Lincoln, England, Engineers.—Improvements in cradles for receiving and delivering cut crop from harvesting machines.
1355. 13th January. CHARLES OSBERN RALPH WALKER, of Coolart, Balnaring, Victoria, Station Manager.—An improved wire-strainer. (Not proceeded with.)
1356. 12th January. FRANCIS HENRY ASBURY, of Dunedin, New Zealand, Heating and Ventilating Engineer.—Heating water or other fluids with gas or other fuel. (Not proceeded with.)
1357. 15th January. LOUIS PETER BOUVIER, of Toronto, in the County of York, in the Province of Ontario, Canada.—Improvements in machines for manufacturing envelopes.
1358. 14th January. CHARLES SMITH, of Woolston, in the Provincial District of Canterbury, New Zealand, Fellmonger.—An invention for removing wool or hair from pelts or hides, to be called “Smith’s Patent Fellmongering and Tanning Preparation.”
1359. 14th January. PHILIP CHAPPELL BROWNE, of City Chambers, Vulcan Lane, Auckland, Architect and Surveyor.—An invention for a ventilator for windows.
1360. 16th January. GEORGE SYMONS HUSBAND, of Christchurch, New Zealand, Fish and Game Dealer.—An invention for preserving fish, game, poultry, &c., from dust, dirt, and insects, by means of a transparent safe constructed chiefly of glass and water. (Not proceeded with.)
1361. 21st January. WILLIAM HENRY DOUGLAS, of Stowebridge, in the County of Worcester, England, Watchmaker.—An invention for improvements in chronographs.
1362. 19th January. ALEXANDER SMAILL, of Otago Peninsula (Tomahawk), Dairy Farmer.—An invention for a filter for sewage. (Not proceeded with.)
1363. 21st January. HENRY RAFTON, of Auckland, New Zealand, Basket and Perambulator Manufacturer.—An invention for an improved perambulator, to be called “The Portable-seat Perambulator.” (Not proceeded with.)
1364. 23rd January. HENRY CORRICK, of Christchurch, New Zealand, Bootmaker.—An invention for giving ease in walking, to be called “Corrick’s Spring Boots.” (Not proceeded with.)
1365. 23rd January. WILLIAM MURR WHITE, of Dunedin, New Zealand, Drain-pipe Manufacturer.—An invention for an improved fuel- and time-saving kiln-bottom.
1366. 24th January. JOHN REID, of Dunedin, Otago, New Zealand, Clerk.—An invention for an improved means of straining wires, and allowing them to be conveniently secured after being strained, to be called “Reid’s Patent Triplex Wire-strainer.”
1367. 28th January. EDWARD CHASE, of Crofton, in the County of Rangitikei, New Zealand, Blacksmith.—An invention for a new agricultural implement, the same being called a “Scarify Harrow.”
1368. 28th January. THOMAS CULLEN, of Bluff Harbour, Southland, Carpenter.—An invention for hydraulic cement manufacture. (Patent refused.)
1369. 28th January. WILLIAM PEACOCK, of Falls Bridge, Melbourne, Victoria, Jam Manufacturer.—An invention for an improved apparatus for the admixture of air and gas for soldering and other purposes.

1370. 28th January. JULIUS WITKOWSKI, of No. 257, George Street, Sydney, New South Wales, Merchant.—An invention for an improved cigarette machine. (Not proceeded with.)
1371. 26th January. THOMAS MOORE BRYANT, of Onehunga, Timber Merchant, and JAMES ALEXANDER POND, of Auckland, Analyst, New Zealand.—An invention for an enamel-lined butter, meat, and general produce package.
1372. 28th January. HENRY RAFTON, of Auckland, New Zealand, Basket and Perambulator Manufacturer.—An invention for a spring-seat, four-wheel perambulator, to be called "The Spring-seat Four-wheel Perambulator." (Not proceeded with.)
1373. 2nd February. WILLIAM PARR, of Timaru, in the County of Geraldine, New Zealand, Miller.—An invention for a windmill for chaff cutting and other agricultural purposes. (Not proceeded with.)
1374. 31st January. ALEXANDER BURT, of Dunedin, in the Provincial District of Otago, New Zealand, Hydraulic Engineer.—An invention for improvements in fitting rings into valves for waterworks or other purposes.
1375. 2nd February. WILLIAM RAINBOW, of Christchurch, New Zealand, Engineer.—An invention for rapidly and easily sinking holes in the earth, especially applicable to sinking holes for fence-posts, and called "The Lightning Post-hole Sinker." (Not proceeded with.)
1376. 3rd February. JAMES JOHNSON, of Mary Ann Street, Nelson, New Zealand, Carpenter.—An invention for Johnson's Universal Motor. (Not proceeded with.)
1377. 5th February. WILLIAM HENRY LAMBERT, of the Kaikorai Valley, near Dunedin, in the Provincial District of Otago, New Zealand, Fellmonger.—An improved wool-washing machine.
1378. 6th February. GEORGE BERTINSHAW, of Dunedin, in the Provincial District of Otago, New Zealand, Hat Manufacturer.—An invention for felt hats made from rabbit-fur or wool, or rabbit-fur and wool combined.
1379. 6th February. FRANK HEBDEN, of Christchurch, Canterbury, New Zealand, Telephonic Engineer.—An invention for the preparation of carbon for telephonic purposes.
1380. 7th February. EDWARD WEST, of Oamaru, Otago, Barbed-wire Manufacturer.—An invention for immovably fixing wire barbs on a single wire.
1381. 2nd February. CHARLES HIBBERD and EDWIN NEWMAN LEGGE, of Auckland, New Zealand.—An invention for the Hibberd and Legge Patent Artificial Stone-making Machine and Stone.
1382. 9th February. FRANCIS HENRY WOODMAN, of Opawa, Canterbury, New Zealand, Carpenter.—An invention for threshing grain or grass seed by an improved method, thereby causing a great saving of labour. Title: "Improved Grain and Grass-seed Thresher." (Not proceeded with.)
1383. 9th February. HENRY CORRICK, of Christchurch, New Zealand, Bootmaker.—An invention for promoting an even temperature in boots and shoes by ventilation, to be called "Corrick's Ventilated Boots." (Not proceeded with.)
1384. 10th February. DAVID DAGGETT, of No. 14, South William Street, New York, in the United States of America, temporarily residing at Melbourne, Victoria.—An invention for an improved hand grenade for extinguishing fires. (Not proceeded with.)
1385. 10th February. CHARLES GUNERIUS EVDENSEN, of Auckland, New Zealand, Carpenter.—An invention for distant night-signals. (Not proceeded with.)
1386. 10th February. EDWARD HUGHES ELLIOTT, ROBERT STANSELL, and JOHN RAINBOW STANSELL, all of Timaru, Canterbury, New Zealand, Barbed-wire Manufacturers.—An invention to be known as "The Acme Automatic Barbed-wire Making Machine."
1387. 26th February. CHARLES BARTON, of Brandon, in the County of Warwick, England, Gentleman.—An invention for a new or improved hydrocarbon burner for lamps or stoves.
1388. 23rd February. WILLIAM BARCLAY, of Invercargill, New Zealand, Engineer.—An invention for an automatic equilibrium arrangement for slide-valves.
1389. 2nd March. HENRY GEORGE BEDELL, of Windsor Place, Wellington, New Zealand, Plumber.—An invention for drilling and tapping water- and gas-mains and steam boilers, &c., under high or low pressure, to be called "The Herculean Wonder." (Not proceeded with.)
1390. 4th March. THOMAS EDWARD MERRITT, of Wellington, New Zealand, Artist.—An invention for economizing material in the construction of tins or cans for containing preserved meats, jams, &c., and other articles of food, and also for saving space in packing the said tins or cans for transit. (Not proceeded with.)
1391. 5th March. JAMES THOMSON, of No. 19, Elizabeth Street, Wellington, New Zealand, Saddler.—An invention for improvements in saddles, to be called "Thomson's Patent Pilch Saddle." (Not proceeded with.)
1392. 4th March. ROBERT HENRY MARTIN, of Dunedin, Otago, New Zealand, Pianoforte Tuner.—An invention for a non-flexible eccentric piano wire-spoked racing bicycle wheel. (Not proceeded with.)
1393. 5th March. WILLIAM ANDREWS and ARTHUR WARD BEAVEN, carrying on business as co-partners as Engineers, of Christchurch, Canterbury.—An invention for improvements in chaffcutters.
1394. 5th March. GEORGE DALGLEISH, of Oamaru, Timber Merchant.—An invention for an automatic feed gear for standard puncher. (Not proceeded with.)
1395. 5th March. JAMES EDWARDS, of Ponsonby, Auckland, Builder.—An invention for "Edwards's Improved Self-acting Deodorizing Closet."
1396. 6th March. JAMES KEIR, of Ashburton, New Zealand, Blacksmith.—An invention for an improvement in wheels for drays, carts, and other vehicles. (Not proceeded with.)
1397. 7th March. HERBERT LLEWELLYN WELCH, of Christchurch New Zealand.—An invention for telephone companion, to be attached to the telephone for the purpose of conveniently writing down messages received or to be transmitted through the telephone, and called "Welch's Patent Telephone Companion."

1398. 10th March. FRANK JOSEPH NOBLE, Engineer, ROBERT STANSELL, and JOHN RAINBOW STANSELL, Barbed-wire Manufacturers, all of Timaru, Canterbury, New Zealand.—An invention to be known as the "Cyclone Variable Adjustment," to be used for the purpose of increasing or decreasing the power applied to any cycle or carriage when connected therewith. (Not proceeded with.)
1399. 13th March. LEON DATHIS, *Fils*, of No. 1, Boulevard Saint Denis, Paris, France, Civil Engineer.—An invention for improvements in the manufacture of bread, and the apparatus therefor.
1400. 16th March. THOMAS EDGAR PARR, of Tenui, in the County of Wairarapa East, New Zealand, Blacksmith.—An invention for the shoeing of horses with india-rubber shoes, to be called "Parr's Patent India-rubber Horse-shoe."
1401. 18th March. HERMAN AUGUST, of Invercargill, in the County of Southland, Cabinetmaker.—An invention for a spring palliase, to be known as "August's Spring Palliase."
1402. 19th March. JOHN REID, of Dunedin, New Zealand, Clerk.—An invention for an improved means of straining wire, to be called "Reid's Patent Titan Wire-strainer."
1403. 19th March. JOHN BROWN, of Auckland, New Zealand, Carpenter and Machinist.—An invention for an improved method of driving screw-propellers by human power, for boats, to be called "Brown's Boat Propeller."
1404. 19th March. JOHN ANDERSON and ARCHIBALD MORRISON, of Moray Place, Dunedin.—An invention for a safety catch for hydraulic lifts.
1405. 25th March. ADAM MILLER, of No. 2, Riches Court, Lime Street, London, England, Engineer.—An invention for amalgamating apparatus.
1406. 24th March. WILLIAM ARCHIBALD MURRAY, of Piako, New Zealand, Farmer.—An invention for working tramways, fire engines, torpedo boats, tricycles, aërial machines, &c., by portable compressed gas, to be called, "The Portable Explosive Motor."
1407. 24th March. ADAM HAMILTON, of East Taieri, New Zealand, Fencer.—An invention for a wire-straining machine, called "The Acme Universal Wire-strainer."
1408. 25th March. JOHN ISAAC ADAMS, of Amberley, Canterbury, New Zealand, Plumber and Tinsmith.—An invention for a supply of fresh water, to a limited extent, for use of cattle, sheep, and, other animals, to be called "The Animals' Friend, or the Automatic Tank and Trough."
1409. (L.R.) 31st March. GEORGE KENT, of 199, High Holborn, in the County of Middlesex, England.—Improvements in meters for measuring liquids.
1410. 27th March. ROBERT COCKERELL, of Invercargill, New Zealand, Implement Manufacturer. An invention for tree-pulling and stump-extracting, and also for hauling off vessels from lee-shores, and other purposes, to be known as "R. Cockerell's Patent Double-acted Travelling Eccentric Lever."
1411. 8th April. JAMES DRUMMOND, of Napier, Hawke's Bay, New Zealand, Coppersmith.—An invention for hot-water apparatus in connection with colonial ovens.
1412. 8th April. JOHN GOLDING HOWARD, of Bedford, England, Engineer.—An improvement in reapers and binders, to be known as "Howard's Patent Reaper and Binder Anti-capsizer."
1413. 9th April. ROBERT STANSELL, of Timaru, Canterbury, New Zealand, Barbed-wire Manufacturer.—A machine for making barbed wire, to be known as "Noble's Patent."
1414. 10th April. PATRICK MCNEAVE, of Dunedin, New Zealand, Wool-classer.—An invention for the effectual curing of foot-rot in sheep, to be known as "P. McNeave's Patent Foot-rot Application."
1415. 14th April. FRANCIS HENRY ASBURY, of Dunedin, New Zealand, Heating and Ventilating Engineer.—An improvement in an apparatus for heating greenhouses, known as a "Corrugated Sectional Greenhouse Boiler."
1416. 17th April. WILLIAM JOHN TANNER, of London, England, Gentleman.—Improvements in electrical apparatus for washing and separating gold and silver from their ores.
1417. 13th April. CHARLES WILLIAMSON, of Auckland, New Zealand, Estate Agent.—An invention for clearing tram or other rails from any obstruction in the nature of dirt, grit, stones, &c., and to be called "Williamson's Tram-rail Clearer."
1418. 14th April. ALEXANDER MACKIE, of Lower Vincent Street, Auckland, New Zealand, late Coachbuilder.—"The Excelsior Buggy Draught-bar."
1419. 16th April. CHARLES ATKIN, of Auckland, New Zealand, Coachbuilder.—A new omnibus, to be called "The Excelsior Omnibus."
1420. 16th April. JAMES YATE JOHNSON, of Glasgow, in the County of Lanark, North Britain, Civil Engineer.—An invention for a combined collar-stud and neck-tie holder.
1421. 16th April. JOHN THOMAS THOMPSON, of Gisborne, in the County of Cook, New Zealand, Carpenter.—An invention for fuel prepared from coal, to be known as "Thompson's Patent Fuel."
1422. 21st April. JAMES KEIR, of Ashburton, New Zealand.—An improvement in reaping-machines.
1423. (L.R.) 22nd April. LESTER ALLEN PELTON, of Camptonville, in the County of Yuba and State of California, in the United States of America.—Improvement in water-wheels.
1424. 21st April. ALFRED ATKINS and FREDERICK DE JERSEY CLERE, of Wanganui, New Zealand.—Improvements in the construction of fire-grates.
1425. 23rd April. PARNELL RABBIDGE, and GUSTAF DILLBERG, of Christchurch, New Zealand.—An invention called "The Electric Advertiser."
1426. 28th April. BENJAMIN GOULTON, of Kaeo, Wangaroa, in the County of Mongonui, Farmer.—A trap to take rabbits, pheasants, cats, hawks, or other animals.
1427. 29th April. THOMAS CLARKE JENKINS, of Wellington, New Zealand, Clerk.—An improved check billiard-marker.

1428. 25th April. SAMUEL BATEMAN FIRTH, of Auckland, New Zealand, Engineer.—An elliptic expansion and reversing valve-gear.
1429. 2nd May. JOHN STALKER, of Tinwald, Canterbury, New Zealand, Farmer.—A self-feeder for threshing-machines.
1430. 4th May. JOHN CAMERON FRASER, of Coromandel, Auckland.—An invention for washing cloth or other substances, to be called "J. C. Fraser's Cylindrical Washing-machine."
1431. 7th May. ALFRED PUTNEY, of London, England, Timber Merchant.—Improvements in wood flooring, ceilings, and dados.
1432. 9th May. EDWARD FONDI WRIGHT, of Mount Somers, Canterbury, Orchardist.—A hedge-trimming machine.
1433. 11th May. EDWARD WEST, of Christchurch, New Zealand, Manufacturer.—An invention for immovably fixing barbs on wire composed of two or more strands, to be called the "Porcupine Barb Wire."
1434. 11th May. WILLIAM DAWSON, of Chiswick, in the County of Middlesex, England, Civil Engineer.—Improvements in mills or triturators, for reducing cement or other hard substances.
1435. 11th May. FREDERICK WILLIAM CONE, of Rangiora, Canterbury, Saddler.—An invention for veining leather, to be called "Cone's Double-screw Shoulder Vein."
1436. 14th May. PERCIVAL EVERITT, of London, England, Engineer.—Improvements in weighing machines.
1437. 14th May. FRANCIS HERBERT WENHAM, of 238, Goldhawk Road, Shepherd's Bush, Middlesex, England, Engineer.—Improvements in gas lamps and burners.
1438. 11th May. HENRY REYNOLDS, of Woodlands, Waikato, Auckland, Farmer.—The "Eclipse Broadcast Seed-sowing Machine."
1439. 20th May. ROBERT GRAY, of Dunedin, New Zealand, Engineer.—Improvement in bagger for chaff-cutter.
1440. 27th May. GEORGE ALBERT RITSON, of Wellington, New Zealand, Engineer's Fitter.—An improved rotary engine.
1441. 29th May. ROBERT DICK, of Belfast, Canterbury, New Zealand, Chemist.—An invention for the purification of waste liquors from bone, tallow, boiling-down, or similar works.
1442. 27th May. CHARLES ATKIN, of Auckland, Coachbuilder.—A brake to be called "The Premier Centripetal Brake."
1443. 28th May. LATHAM OSBORN BEAL, Jun., of Dunedin, New Zealand, Civil Engineer.—An invention for a range- and speed-ascertaining apparatus.
1444. 28th May. HENRY CORRICK, of Christchurch, New Zealand, Bootmaker.—Asphalting railway-stations, platforms, streets, and floors, &c., to be called "Corrick's Noiseless Asphalt."
1445. 29th May. PARNELL RABBIDGE and GUSTAF DILLBERG, of Christchurch, New Zealand.—Metallic telephone-transmitter.
1446. 2nd June. CLEMENT VAN DE VELDE, of Bond Street, Sydney, New South Wales, Civil Engineer.—Improvements in the treatment of copper ores and cupreous materials, and in apparatus therefor. (Pierre Manhes.)
1447. 1st June. GEORGE DALGLEISH, of Oamaru, Timber Merchant.—An invention for a bevelled slotted fencing standard.
1448. 5th June. ROBERT SAVAGE, of Herbert Street, South Melbourne, Victoria, Gentleman, and FREDERICK YORK WOLSELEY, of Euroka, Walgett, New South Wales, Gentleman.—An improved railway tip-wagon or truck.
1449. (L.R.) 9th June. FRANCIS VAN RYSELBERGHE, of Shaerbeck, in the Kingdom of Belgium.—Improvements in and relating to telegraphic and telephonic apparatus.
1450. 8th June. JAMES WREN, Sen., of Glen, Dunedin, New Zealand, Wheelwright.—The "Twin Broom."
1451. 4th June. GEORGE BLACK and JOSEPH GRUNT, of Auckland, New Zealand.—"The Affghan Front Spring Boot."
1452. 4th June. GEORGE BLACK and JOSEPH GRUNT, of Auckland, New Zealand.—"The Sir Garnet, or Seamless, Boot."
1453. 4th June. WALTER GREENSHIELDS, of Auckland, New Zealand, Bracist.—A suspender called "Greenshields' Patent Automatic Paragon Suspender."
1454. 4th June. JOSEPH HARRISON, Plumber, and ALFRED GEORGE HUGHES, Chemist, both of Cambridge, Auckland, New Zealand.—An invention for giving an alarm of fire, to be called "The Self-acting Household Fire Alarm."
1455. 11th June. WILLIS GORMAN DODD, of San Francisco, United States, Engineer, at present residing at Melbourne, Victoria.—Improvements in water-jacket smelting furnaces.
1456. (L.R.) 10th June. JOSHUA ALEXANDER KAY, NATHANIEL BUCHANAN, Mechanical Engineers, and ALEXANDER ROBERT WALLIS, Machinery Merchant, all of Melbourne, Victoria.—Improvements in machinery for tying knots.
1457. 12th June. ROBERT HOADLEY, M.D., and HARRY ROBERT MURTON, Wool-stapler, of Napier and Hastings, Hawke's Bay, New Zealand.—"Liquor Ovis Detergens" (sheep-cleansing fluid.)
1458. 11th June. ALLISON DALRYMPLE SMITH, of Christchurch, New Zealand, Mechanical Engineer.—Rolling tip-wagons, to be called "Allison Smith's Rolling Tip-wagon."
1459. 11th June. HENRY ELI SHACKLOCK, of Dunedin, New Zealand, Ironfounder.—A cooking range, to be called "H. E. Shacklock's Improved Patent Portable Orion Cooking Range."
1460. 12th June. EDWARD FONDI WRIGHT, of Mount Somers, Ashburton, New Zealand, Orchardist.—Skeath-harrow attachment for ploughs.
1461. 13th June. WILLIAM DOIG, of Timaru, New Zealand.—A patent garden slop- or water-carrying wheelbarrow

1462. 15th June. FREDERICK WILLIAMS, of Alexandra South, Otago, New Zealand, Woolclasser.—An automatic wool-washing machine to be used for washing wool or other suitable material, to be called "Williams's Self-acting Wool-washer."
1463. 15th June. JOSEPH HOPKINSON, of Marton, New Zealand, Brass- and Iron-founder (out of business).—A compound rotary tilting blast-furnace, for smelting metallic ores or their products of any description, and virgin iron or steel of any description, but especially for smelting the virgin iron- or steel-sand found on the Taranaki coast and other parts of the coast of the Colony of New Zealand.
1464. 12th June. RICHARD WOLFE TURNBULL, of Sydenham, Wood-turner, and EDWARD DUCKWORTH, of Spreydon, in the Colony of New Zealand, Cabinetmaker.—An invention for holding segments together in a lathe, so that each side of the segments can be turned in succession, to be called "Duckworth's Turners' Cramp."
1465. 15th June. EDGAR ARTHUR ASHCROFT, of Lyttelton, New Zealand, Electric Engineer.—An invention for regulating the feed of carbons in electric arc lamps.
1466. 13th June. ALEXANDER MACKIE, of Auckland, New Zealand.—A patent adjustable pole-fitting, for buggies, carriages, or expresses, to be styled "The Unique Patent Adjustable Pole."
1467. 17th June. PARNELL RABBIDGE, GUSTAF DILLBERG, and FRANK HEBDEN, of Christchurch, New Zealand.—An invention for the use of mineral ores for telephone-transmitters.
1468. 20th June. JAMES BRUCE, of Timaru, New Zealand, Milling Engineer.—A combination oatmeal-manufacturing machine.
1469. 17th June. GEORGE WILLIAM HESLOP, of Auckland, New Zealand, Mechanical Engineer.—An invention for giving alarm in case of rise or fall in temperature, to be called "The Thermo-electric Heat or Cold Automatic Attachment."
1470. 23rd June. JOHN GOOD, of Washington, and Park Avenue, in the City of Brooklyn, County of Kings, and State of New York, United States of America.—Improvements in machinery for spreading and drawing hemp and other fibrous materials.
1471. 24th June. DAVID ROBERTSON, Engineer, and HENRY BARBER, Butcher, both of Wellington, New Zealand.—"The Simplex Preserving-pan."
1472. 17th June. ROBERT COCKERELL, of Invercargill, New Zealand, Blacksmith.—An improved tree- and stump-extractor.
1473. 20th June. ESAU FISHER, of South Wyndham, Southland, New Zealand, Teacher.—An invention for straining fencing wire, to be called "The Disc Wire-strainer."
1474. 22nd June. COLIN MACKAY, Engineer, HENRY WALDEN, Merchant, HENRY NORTH, Gentleman, and ROBERT WYPER, Engineer, all of Dunedin, New Zealand.—An invention to be known as "Mackay, Walden, North, and Wyper's Improved Barb Wire-making Machine."
1475. 24th June. JOHN JAMES SHEDLOCK, of Barnett, in the County of Hertford, England, Engineer.—Improvements in and apparatus for the extraction of metals from their ores.
1476. 24th June. THOMAS JOWSEY, Hospital Steward, and JOWSEY JACKSON, Blacksmith, of Timaru, New Zealand.—An invalid bedstead.
1477. 25th June. CHARLES RICHARD GOSTLING, of Christchurch, New Zealand.—An invention for crushing and washing of chalk, clay, or limestone in the manufacture of either Portland cement or whiting.
1478. 29th June. ABEL FRENCH SPAWN, of Oakland, California, United States of America, temporarily residing at Sydney, New South Wales, Manufacturer of Fire Apparatus, and ROBERT CHEVIN GHEST, of Sydney, New South Wales, Master Mariner.—Improvements in chemical fire-extinguishing apparatus.
1479. 29th June. GEORGE DOWNE and JAMES WILLIAM CAYZER, of Sydney, New South Wales, Civil and Mechanical Engineers.—Improvements in motors for rail-, tram-, and other ways.
1480. 29th June. ABEL FRENCH SPAWN, of Oakland, California, United States of America, temporarily residing at Sydney, New South Wales, Manufacturer of Fire Apparatus, and ROBERT CHEVIN GHEST, of Sydney, New South Wales, Master Mariner.—Improvements in chemical fire-extinguishers.
1481. 1st July. HENRY MILTON CAVENDISH, of San Francisco, in the State of California, United States of America, Lawyer.—An improvement in device for securing and opening the corks or stopples of bottles for carbonated or effervescent liquids.
1482. 30th June. JOHN CHARLES CADMAN, of Auckland, New Zealand, Drug and Wine Manufacturer.—An invention for treating diseases of the nervous system, &c., by a course of special medicines termed "Recuperine."
1483. 1st July. ROBERT WALKER, of Christchurch, Tea Merchant and Blender.—"Walker's Patented New Zealand Tea-mixer."
1484. 6th July. CHARLES O. BARLOW and GEORGE T. EMERY, of San Francisco, California, JOSEPH W. SPRAGUE, of Nevada City, California, and RICHARD H. LANE, of New York City, New York State.—An invention for furnishing an efficient and rapid means for drilling rock, entitled "The California Rock-drill."
1485. (L.R.) 8th July. ALEXANDER DONALDSON SPIERS, of Glasgow, in the County of Lanark, Scotland, Insurance Broker.—Improvements in an apparatus for cleaning or scrubbing the sides and bottoms of ships afloat.
1486. 9th July. FREDERICK JAMES HARRISON, of Latimer Road, Notting Hill, London, England, Builder.—An improved cleansing compound.
1487. 9th July. WILLIAM SAMUEL COLWELL, of Pittsburgh, in the County of Alleghany, State of Pennsylvania, and ANDREW JACKSON DAVIS, of the City and County of New York, State of New York, United States of America.—An improved triple-thermic motor or bi-sulphide-of-carbon engine.

1488. 11th July. JOHN EDWARD HAYES, of Wellington, New Zealand, Plumber.—An improved water-closet apparatus, to be called "Hayes's Improved Automatic Water-closet Seat and Cistern Apparatus."
1489. 11th July. WILLIAM BARRACLOUGH, of Balmain, near Sydney, New South Wales, Engineer.—A new and improved method of producing from kerosene oil of any density, flame (producing light and heat), to be emitted through a burner without the aid of a wick, for use in lamps, stoves, and heating apparatus; and improved apparatus for the purpose of effecting the same.
1490. 9th July. PETER DUNCAN, of Christchurch, New Zealand, Agricultural Implement Manufacturer.—An improved force-feed for artificial-manure distributors.
1491. 11th July. ESAU FISHER, of South Wyndham, Southland, Teacher.—An invention for straining and fastening fencing wire, called "The Patent Reel Wire-strainer and Fastener."
1492. 14th July. ANDREW THOMPSON, of Cust, Canterbury, Blacksmith.—An invention for combining at the one operation ploughing and harrowing, called "Thompson's Disc-harrow Attachment."
1493. 18th July. WILLIAM REEVES, of Waikari, New Zealand, Coachbuilder.—An invention for lessening the danger of carriage accidents, called "The Combined Safety-step and Balance-break."
1494. 16th July. THOMAS SLATER ROYDS, of Invercargill, New Zealand, Accountant.—An improvement in the shape of the Dutch hoe, to be called "The Patent Crescent Hoe."
1495. 17th July. JAMES MUSGROVE, of Greenvale, Victoria, Engineer.—Improvements in broadcast seed-sowing machines.
1496. 20th July. PARNELL RABBIDGE, GUSTAF DILLBERG, and FRANK HEBDEN, of Christchurch, New Zealand.—Mineral-ore Telephone-transmitters.
1497. 23rd July. JOHN GOOD, of Washington and Park Avenue, Brooklyn, County of Kings and State of New York, United States of America.—Improvements in machinery for drawing and spinning hemp, flax, and other fibrous materials.
1498. 24th July. STEPHEN HENRY MANNERS and CHARLES EDGAR MANNERS, both of Adelaide, South Australia, Machinists, and JOHN THEOPHILUS LEDAN, also of Adelaide, Coachbuilder (as assignee of the said Stephen Henry Manners and Charles Edgar Manners).—An improved contrivance for holding ropes, lines, or cords.
1499. 24th July. WILLIAM BLAKEMORE, of Nymagee, New South Wales, Copper Smelter.—Improvements in reverberatory furnaces for smelting copper regulus.
1500. 24th July. LAMBTON LE BRETON MOUNT, of South Melbourne, Victoria, Glass Manufacturer.—An improved method of utilising the waste heat from furnaces.
1501. 22nd July. FRANK OAKDEN, of Dunedin, New Zealand, Architect.—"Shilton's Patent Reversible Chain-belting."
1502. 28th July. JOHN LOBB JEFFREE, of Brunnerton, New Zealand, Engineer.—A lubricator for oiling and greasing wheels turning on a fixed axle, to be called "Jeffree's Patent Lubricator."
1503. 28th July. GEORGE HUTTON POYNTER, of Wellington, New Zealand, Bootmaker.—A new improved lawn-tennis and cricket shoe, to be called "Poynter's Lawn-tennis and Cricket Shoe."
1504. 27th July. FRANK JOSEPH NOBLE, of Timaru, New Zealand, Engineer.—An invention for the manufacture of barbed-wire, to be known as "Noble's Self-acting Combined Barbed Wire-cutter and Maker."
1505. 30th July. WILLIAM MORTON, of Cosydell, Dunedin, New Zealand, Mechanic.—An invention for the adjusting and fixing sliding rods of tripod stand.
1506. 5th August. HENRY GEORGE BEDELL, of Wellington, New Zealand, Engineer.—An invention for casting lead and composition heads on wire nails with washers, to be called "Bedell's Economic and Automatic Lead-head Nail and Composition-head Machine."
1507. 31st July. HENRY RAFTON, of Auckland, New Zealand.—Improved coal-basket with iron stays and eyes for slings.
1508. 7th August. JOSEPH CARTER, of Goulburn, New South Wales, Engineer.—Improvements in quartz batteries or crushing machines, parts of which are applicable for other purposes.
1509. 7th August. WILLIS GORMAN DODD, of San Francisco, United States of America, Engineer, at present residing at Sydney, New South Wales.—An improvement in the construction of water-jacket smelting furnaces.
1510. 5th August. THOMAS DACOMBE, of Christchurch, New Zealand, Confectioner.—An invention for the making of confectionary known as pan-goods.
1511. 7th August. FRANK OAKDEN, of Dunedin, New Zealand, Architect.—Patent eccentric safety-catch (for lifts, &c.).
1512. 10th August. GEORGE WILLIAM BULL, Battery-owner, and GEORGE RAYNER, Electrician, both of Thames, New Zealand.—An invention for the treatment of gold ores, to be called "The Electro Caustic Process."
1513. 11th August. THOMAS GARLAND, of Wellington, New Zealand, Tinsmith.—A milk-strainer, with movable bottom.
1514. 8th August. CHARLES WALKDEN, of Christchurch, New Zealand, Civil Engineer.—An invention for abstracting stones, sand, gravel, and other material from the bottoms of bore-holes, cylinders, &c., and from excavations under water, to be called "Walkden's Subaqueous Excavator."
1515. 8th August. ESAU FISHER, of South Wyndham, Southland, New Zealand, Teacher.—An invention for straining fencing-wire, to be called "The Patent Universal Strainer."
1516. 15th August. WILLIAM ERNEST RICHARDSON, of Outram, Otago, New Zealand, Engineer.—An improved butter-printing press, to be known as "Richardson's Butter-printer."

1517. 12th August. JOHN MIDDLETON, of Merrivale, County Selwyn, New Zealand, Engine-driver.—Improvements in chaff-baggers.
1518. 12th August. THOMAS BRUCE, or Pukerimu, County Waipa, New Zealand.—An invention for the better housing of bees, or for a new sort of beehive.
1519. 14th August. HJALMAR GRAFF, of Feilding, New Zealand, Commission Agent.—The “Kaipai” movable iron stanchion for wire fences.
1520. 17th August. WILLIAM WRIGHT, of Melbourne, Victoria, Engineer.—An improved machine for bending rails and other metal bars and plates.
1521. 17th August. EDWARD WATERS, of Melbourne, Victoria, Patent Agent.—Improvements in the construction and working of vacuum brake apparatus (Vacuum Brake Company, Limited).
1522. 19th August. EDWARD WATERS, of Melbourne, Victoria, Patent Agent.—Improvements in heating and purifying water for steam boilers, and in devices or apparatus therefor. (Thomas Seale.)
1523. 17th August. JAMES BARCLAY BLAIKIE, of Auckland, New Zealand, Slater.—An invention for guaging and boring roofing-slates, to be known as “Blaikie’s Patent Slate-guaging and Boring Machine.”
1524. 17th August. JAMES BARCLAY BLAIKIE, of Auckland, New Zealand, Slater.—An invention for cutting and boring roofing-slates, to be known as “Blaikie’s Patent Slate-cutting and Boring Machine.”
1525. 17th August. JAMES BARCLAY BLAIKIE, of Auckland, New Zealand, Slater.—An invention for roofing, to be called “Blaikie’s Patent Rectangular Slating.”
1526. 19th August. DAVID JONES, of Auckland, New Zealand.—An invention for ventilation, called “The Zealandia,” or Automatic System of Ventilation.
1527. 24th August. ALBERT BENJAMIN CARD, Decorator, and THOMAS EDWARD MERRITT, Artist, both of Wellington, New Zealand.—An invention for indoor amusement (or outdoor amusement on larger scale, if preferred) to be styled “King and Queen.”
1528. 20th August. SAMUEL MEGGITT MACKLEY, of Waipuna, County Grey, New Zealand, Grazier.—An invention for separating butter or cream from milk by means of electricity.
1529. 24th August. CHARLES TOPPAN, of Salem, Massachusetts, United States of America, Chemist.—Improvement in the process of scouring wool.
1530. (L.R.) 22nd August. SAMUEL BAGSTER BOULTON, of No. 64, Cannon Street, London, England.—Improvements in treating timber with antiseptic or preservative fluids.
1531. (L.R.) 22nd August. JAMES CHARLES MORRISON, of West Ham, in the County of Essex, England, Mechanic, and ROBERT SMITH, of Bromley, in the County of Middlesex, England, Mechanic.—Improvements in oil burners.
1532. 27th August. DAVID THOMAS, Auctioneer, CHARLES BRADDELL, Town Clerk, and CHARLES RAY, Engineer, all of Ashburton, New Zealand.—Street-watering and fire-extinguishing purposes.
1533. 26th August. JOHN HOWARD DALTON, of Auckland, New Zealand, Tailor.—An invention for Nurses’ Friend.
1534. 29th August. CHARLES WALKDEN, of Christchurch, New Zealand, Civil Engineer.—An improved subaqueous excavator.
1535. 31st August. ARTHUR JOSEPH WILLIAMSON, of Dillmanstown, New Zealand, Clerk.—A patent medicine to be called “Coughkiller.”
1536. 29th August. WILLIAM FAWKES, of Auckland, New Zealand, Builder.—An invention for building purposes, to be known as “Fawkes’s Patent Volcanic Trass.”
1537. 3rd September. CARL WAGEMANN, of 40, Elizabeth Street, Melbourne, Victoria, Civil Engineer, temporarily residing at Brisbane, Queensland.—An improved machine for extracting ores or metals from metalliferous material.
1538. 4th September. WILLIAM CHIVERS WILKINS, of Invercargill, New Zealand, Ironmonger.—Improvements in apparatus for making cheese.
1539. 3rd September. WALTER ARMSTRONG, of Wanganui, New Zealand, Machinist.—Armstrong’s Unfailing Pneumatic Gripper.
1540. 5th September. DANIEL CLIMIE, of Wellington, New Zealand, Civil Engineer.—Graving Dock.
1541. 7th September. ROBERT COCKERELL, of Invercargill, New Zealand, Blacksmith.—An underground draining-plough.
1542. 4th September. HENRY WILLIAM FRANCIS, of Archhill, Auckland, New Zealand.—An incubator to be called “Francis’s Patent Automatic Incubator.”
1543. 9th September. HENRY DAVENPORT, of Wellington, New Zealand, Plumber and Gasfitter.—Perfect self-adjusting lead-headed nails.
1544. 7th September. FRANK JOSEPH NOBLE, of Timaru, New Zealand, Paper-maker’s Engineer.—The manufacture of news-paper, white and coloured printing-paper, and compressed paper goods, from native grasses, straw, or wood, together with the process in connection therewith.
1545. 9th September. WILLIAM BAMBRIDGE McCLURE, of Sydney, New South Wales, Manufacturer.—An invention for a combination of asphaltum, naphtha as a solvent, and oxide of metals, and sandstone or any calcareous substances.
1546. 10th September. WILLIAM BENNETT RICKMAN, of 32, Clerkenwell Road, in the County of Middlesex, England, Engineer.—Method of and apparatus for lighting railway-trains or tramcars by gas.
1547. 10th September. WILLIAM R. BAKER, of Chicago, United States of America, Mechanical Engineer.—Improvements in harvesters.
1548. 10th September. ARTHUR MARSHALL CHAMBERS, Colliery Proprietor, and THOMAS SMITH, Foreman, both of Chapelton, York, England.—Improvements in coke ovens.

1549. 11th September. WILLIAM BENNETT RICKMAN, of 32, Clerkenwell Road, Middlesex, England, Engineer.—An invention for method of, and apparatus for, lighting, by gas, floating and detached lights, such as buoys, lightships, pile-lights, and the like.
1550. 5th September. JAMES BARCLAY BLAIKIE, of Auckland, New Zealand, Slater.—Cutting and boring roofing slates, to be called “Blaikie’s Patent Alternate Slate-cutting and Boring Machine.”
1551. 9th September. FRANCIS ALEXANDER TWINAME, of Dunedin, New Zealand, Commission Agent.—An improved method of steadying and preserving telegraph or other poles or posts in the ground.
1552. (L.R.) 12th September. FREDERICK MACKINLAY, of London, England, Civil Engineer.—An improved device for varying the gauge of carrying wheels.
1553. 19th September. HENRY REYNOLDS, of Taupiri, Waikato, New Zealand.—An improvement in the knife of the “Triumph Ti-tree Cutter (see Letters Patent, No 1306, of the 20th day of November, 1884).
1554. 16th September. GEORGE SAMUEL CASSON, of Dunedin, New Zealand, Accountant.—A washing and cleansing fluid, to be known as “Casson and Co.’s Invincible Cleanser and Washing Fluid.”
1555. 19th September. HERMAN AUGUST, of Invercargill, New Zealand, Upholsterer and Cabinet-maker.—“August’s Economic Blended Hair-mattress.”
1556. 19th September. JOHN HENRY COCKSEGE, of 26, Martin’s Lane, Cannon Street, London, England, Gentleman, temporarily residing at Melbourne, Victoria.—Improvements in gas-motor engines. (Charles Henry Andrew.)
1557. 24th September. FREDERICK ABBOTT CATHERWOOD, JOSEPH WILHELM WELSBY, and JOHN JAMES RENDLE, all of Melbourne, Victoria, Merchants.—Improved means of filtering beer and other liquids.
1558. 21st September. REGINALD BAYLEY, of New Plymouth, New Zealand, Draftsman.—Rendering water-proof buildings and fabrics of stone, brick, cement, or wood, and other substances of a porous nature.
1559. 24th September. JOHN ELLIOT, of Ardlussa, Hawke’s Bay, New Zealand, Station Manager.—“Elliot’s Tipping Platform for dipping Sheep.”
1560. 22nd September. JOHN HENRY PARKER, of New Plymouth, New Zealand, Watchmaker.—An automatic fire-plug.
1561. 23rd September. JAMES KEIR, of Ashburton, New Zealand, Blacksmith.—“Keir’s Patent Gorse-fence Cutter.”
1562. (L.R.) 24th September. JAMES HOWARD and EDWARD TENNEY BOUSFIELD, both of Bedford, England, Engineers.—Improvements in sheaf-binding and trussing machines.
1563. 23rd September. JAMES SANDERSON, of New Plymouth, New Zealand, Architect.—A combined sash-fastener, down-haul, and lift.
1564. 22nd September. JOHN SPINK HUDSON, of Ponsonby, Auckland, New Zealand, Student of Science.—An invention for applying the force of electro-magnetism to those purposes to which steam and other motive powers are applied, by means of a machine or engine, to be called “The New Zealand Double-action Electro-magnetic Engine.”
1565. 24th September. GEORGE MCHATTIE, of Palmerston, Otago, New Zealand, Ploughman.—An angle-toothed flexible harrow.
1566. 26th September. JOHN MORGAN TAYLOR and HENRY OAKLEY, of Christchurch, New Zealand, Plumbers and Gasfitters.—The improvement of atmospheric gas-burners, to be called “Taylor and Oakley’s Patent Safety Atmospheric Gas-burner.”
1567. 29th September. FRANKLIN ROSSEAU KRON, of Sydney, New South Wales, Merchant.—Improved apparatus for carrying eggs or other fragile articles.
1568. 30th September. EDWARD ACTON GIBBON, of Wellington, New Zealand.—A trap for catching rabbits.
1569. 28th September. RANALD MACDONALD, of Christchurch, New Zealand, Engineer.—An improved press, to be called “The Carlyle Patent Press.”
1570. 26th September. SAMUEL SWAIN, of Auckland, New Zealand, Brass- and Iron-worker.—A secret-lock escutcheon.
1571. 29th September. JOHN HENRY PARKER, of New Plymouth, New Zealand, Watchmaker.—An automatic stopper for fire-extinguishing chemical bottles.
1572. 28th September. JAMES RICHARD JOHNSTON, of Auckland, New Zealand, Builder.—Johnston’s Patent Revolving Shutters.
1573. 2nd October. RICHARD NEVILLE NETTLES HAWKES, of Dunedin, Otago, Mining Manager.—Improved gold washer, for the extraction of gold from black sand or any other ore containing fine gold in a free state, or for the saving of pyrites or other heavy material.
1574. (L.R.) 5th October. HERBERT ROCKE and HENRY THOMAS TOMPSITT, both of Melbourne, Victoria, Wholesale Druggists.—Improvements in the treatment of malt to produce an article of diet which may be used as a substitute for coffee. (A. and M. Curoy.)
1575. 2nd October. JOHN JONES, of Onehunga, New Zealand, Retired Farmer.—A brake, to be called “Jones’s Voluntary Brake.”
1576. 2nd October. DAVID RANKEN SHIRREFF GALBRAITH, of Auckland, Analytical and Consulting Chemist.—The separation of silver from its ores while said ores are in a state of flux, to be called “Galbraith’s Silver Separation Process.”
1577. 5th October. WILLIAM HENDERSON, of Dunedin, New Zealand, Bootmaker.—An improved method of manufacturing sewn or stitched boots, shoes, and slippers, to be called “Henderson’s Improved Method of manufacturing Sewn or Stitched Boots, Shoes, and Slippers.”
1578. 5th October. FRANK JOSEPH NOBLE, Engineer, and JOHN BARRIE, both of Timaru, New Zealand.—A radial speed-adjuster for cycles.

1579. 9th October. WILLIAM LLEWELIN FOWLER, of Hokitika, New Zealand, Draper and Clothier.—An invention for extracting volatile oil and other properties from New Zealand vegetation. (Not proceeded with.)
1580. 9th October. WILLIAM PEACOCK, of South Melbourne, Victoria, Manufacturer.—Improvements in the preservation of fruit.
1581. 9th October. HENRI GALOPIN, of Melbourne, Victoria, Engineer, and JAMES EVANS, of Auburn, Victoria, Gentleman.—An improved apparatus for charging atmospheric air with hydro-carbon vapours, and an improved incandescent burner for burning same.
1582. 9th October. THOMAS OTIS POTTER, of Boston, United States of America, Merchant.—Improvements in suspenders or braces.
1583. 9th October. GEORGE MITCHINSON, of Woodhaugh, near Dunedin, New Zealand, Clerk.—Automatic railway-crossing gates.
1584. 6th October. CHARLES JAMES HOLROYDE, of Auckland, New Zealand, Engineer.—An invention for the utilization of titanic iron-sand, combined with other metal or metals, for producing a fine homogeneous casting metal, fine in grain, and as strong as other metal or metals, to be known as "Holroyde's Patent Bearing Metal."
1585. 8th October. THOMAS RODGER, of Dunedin, New Zealand, Carpenter.—An improved appliance for straining or tightening fencing-wires.
1586. 9th October. WILLIAM JOHN CROTHERS, of Rangiora, New Zealand, Storekeeper.—Cleaning fruit, called "Crothers's Fruit-cleaner."
1587. 14th October. FRANCIS NICHOLLS, of Napier, New Zealand, Mechanical Engineer.—An hydraulic drop table.
1588. 14th October. THOMAS WILLIAM CLARK, of Melbourne, Victoria, Hat Manufacturer.—An improved hat-finishing machine.
1589. 10th October. HENRY CHILD, of Dunedin, New Zealand, Accountant.—A conical ascension cistern and tank-filter for purifying water.
1590. 15th October. JOHN EDWARD WILSON, of Okoia, Wanganui, New Zealand, Farmer.—A machine, to be known as "Wilson's Patent Washing Machine."
1591. 10th October. HENRY DRYLAND, of Ponsonby, Auckland, New Zealand, Coachsmith.—Dryland's Automatic Brake and Rein-holder.
1592. 10th October. GEORGE RUSSELL FELLOWS, Bricklayer, and HENRY JOHNSON, Ironfounder, both of Onehunga, New Zealand.—An invention causing the condensation of mineral vapours and fumes, and the collection of the minerals therefrom by means of water sprays.
1593. 14th October. JOHN CAMPBELL, of Dunedin, New Zealand, Contractor.—The better treatment of wood with antiseptic fluids. (Not proceeded with.)
1594. 15th October. WILLIAM BARCLAY, of Opoho, Dunedin, Otago, New Zealand, Engineer.—A smoker's walking-stick.
1595. 19th October. JAMES MACKIE, of Wellington, New Zealand, Tailor.—Improvements in folding squares, to be called "Mackie's Improved Folding-square."
1596. 14th October. WILLIAM LAURIE, Engineer, and GEORGE RAYNER, Electrician, both of Thames, New Zealand.—Concentrating tailings, &c., called "The Hydro-concentrator."
1597. 21st October. JAMES MACKIE, of Wellington, New Zealand, Tailor.—The better propulsion of sea-going vessels and steamers, to be called "Mackie's Conical Propeller."
1598. (L.R.) 22nd October. CHARLES MCBRIDE, of Glasgow, Scotland, and of Dublin, Ireland, Manufacturer.—Improvements in machines for cleaning intestines. (S. Oppenheimer.)
1599. 21st October. WILLIAM GRAHAM, of Southbrook, Shepherd, and GEORGE BERKELEY HILL, of Christchurch, Gentleman.—Curing foot-rot in sheep, and called "Graham and Co.'s Permanent Cure for Foot-rot."
1600. 26th October. REGINALD DONKIN, of Onehunga, Auckland, New Zealand, Engineer.—An invention for giving alarm of fire by electricity.
1601. 26th October. JOHN SMITH, of Wellington, New Zealand, Civil Servant.—An improved excavating or combined excavating and fencing machine.
1602. 26th October. RALPH WHEATLEY ODGERS KESTEL, of Port Adelaide, Builder, and ALEXANDER McFARLANE, of Semaphore, Mechanic, both in South Australia.—An improved automatic continuous spring-brake.
1603. 26th October. JOHN HENRY STEPHENSON, Engineer, and GEORGE FISHBURN, HENRY PHIP-PARD, Jun., and EDWIN SAMUEL PHIP-PARD, Contractors, all of Sydney, New South Wales.—Improved automatic mechanism for actuating continuous brakes of railway rolling-stock, in case of accident to a vehicle or train.
1604. 26th October. WILLIAM McLEAN, of Goulburn, Miner, and ROBERT WATSON, of Darlington, Licensed Victualler, both in New South Wales.—Improvements in quartz-crushing machines, parts of which are applicable for other purposes.
1605. 23rd October. JAMES KNOX, of Auckland, New Zealand, Civil Engineer.—An invention for collecting money, to be called "The Reliable Portable Fare-collecting Box."
1606. 30th October. JEAN MICHEL CAMILLE MALFROY, of Ross, Westland, Engineer.—A machine to be called "Malfroy's Patent Centrifugal Minerals Separator."
1607. 2nd November. JOB OSBORNE, of Doyleston, County Selwyn, Farmer.—Improvements in well-driving apparatus.
1608. 2nd November. JOB OSBORNE, of Doyleston, County Selwyn, Farmer.—Osborne's Self-feeder, to attach to threshing machines.
1609. (L.R.) 3rd November. HERBERT ROCKE and HENRY THOMAS THOMSITT, both of Melbourne, Victoria, Wholesale Druggists.—The treatment of crushed linseed with eucalyptus, to produce a new antiseptic.
1610. 30th October. ROBERT ALEXANDER MILLS, of Devonport, Auckland, Builder.—A carpenter's mitre and square-cutter, for mouldings, &c.

1611. 2nd November. EDWARD GIBSON, of Hokitika, New Zealand, Carpenter.—An invention for improvements in apparatus for making and extracting essential or volatile oil, from the indigenous vegetation of New Zealand, by direct action of steam.
1612. 2nd November. ADAM EASTON, of Auckland, New Zealand.—An invention for the saving of manual labour in scrubbing and washing floors to be called “Easton’s Mop and Mop-wringer.”
1613. 3rd November. JOHN EARLE, Tea-broker, and RICHARD MORGAN, Civil Engineer, both of Auckland, New Zealand.—An invention for colour-printing, to be called “Earle and Morgan’s Instantaneous Colour-printer.”
1614. 3rd November. HENRY CORRICK, of Christchurch, New Zealand, Bootmaker.—An invention for improving the shape of lasts, for promoting comfort and durability in boots and shoes, to be called “Corrick’s Improved Lasts.”
1615. 5th November. CHARLES HAYWARD, of Pine Lodge, Near Shepparton, Victoria, Farmer.—An improved screen for winnowers, and other machines for cleaning grain.
1616. 6th November. HENRY CORRICK, of Christchurch, New Zealand, Bootmaker.—A button-fastening, to be called “Corrick’s Victoria Button-fastening.”
1617. 6th November. FREDERICK WALTER PATERSON, Boatbuilder, and GEORGE GOODLET, Engineer, both of Dunedin, New Zealand.—A telescopic submarine torpedo-boat, and wreck-recoverer.
1618. 10th November. ADAM WERNER, of Doyleston, Canterbury, New Zealand, Engineer.—Feeding threshing machines, styled “Werner’s Automatic Feeder.”
1619. 11th November. GOTTLIEB DAIMLER, of Cannstadt, Wurtemberg, in the German Empire, Engineer.—Improvements in motor-engines, worked by combustible gases or petroleum vapour or spray.
1620. 12th November. HENRY GILL WILLIAMS, of Auckland, New Zealand, Cook and Ship’s Purveyor.—A patent medicine to be called “William’s Mixture, for Corns, Fistula, Piles, &c.”
1621. 13th November. THOMAS ROBERTS, of Christchurch, New Zealand, Civil Engineer.—Improved street channels.
1622. 14th November. WILLIAM HENRY KIDDEY, of Christchurch, Hotelkeeper, and FRANK JOSEPH NOBLE, of Timaru, Engineer.—An invention for economising and prevention from fire in the use of candles of every description, to be known as the “E.P.E.”
1623. 14th November. PETER DUNCAN and DAVID DUNCAN, of Christchurch, New Zealand, Agricultural Implement Manufacturers.—Improvements in disc harrows, whereby it is rendered impossible for the discs to become loose upon the axle.
1624. 16th November. GUISEPPE BERNASCONI, of Wellington, New Zealand, Cabinetmaker.—“Bernasconi’s Patent Economical Jet-water Engine.”
1625. 19th November. ADAM WERNER, of Doyleston, County Selwyn, Engineer.—An invention for lifting, styled “The Tubular Crane.”
1626. 20th November. FRANCIS JAMES WEBBER FEAR, of Wellington, New Zealand, Engineer. An invention for applying hand-power to treadle sewing and other machines where a Pitman is used.
1627. 16th November. DAVID RANKIN SHIRREFF GALBRAITH, of Auckland, New Zealand, Analytical and Consulting Chemist.—Refrigerable Membraneous Package.
1628. 17th November. ARTHUR WEMYSS HORSBRUGH, of Auckland, New Zealand, Settler.—A device entitled “The Economic Cold-producer.”
1629. 18th November. CLARENCE HARTREE BROCKELBANK, of Belmont, Remuera, Auckland.—“Brockelbank’s Patent Vehicular Starting-lever.”
1630. 19th November. WILLIAM FREDERICK JOHNSON, of Weston, near Oamaru, New Zealand, Schoolmaster.—An improved curd-mill.
1631. 24th November. THOMAS BALLINGER, of Wellington, New Zealand, Plumber.—Empire concave lead-headed nails. (Not proceeded with.)
1632. 24th November. JOSEPH FRANCIS PEASLEY, of No. 79, Brunswick Street, Fitzroy, Victoria, Photographer.—An improved advertising contrivance.
1633. 18th November. ROBERT COCKERELL, of Invercargill, New Zealand.—A lock-staple for wire-straining and fastening, to be known as “R. Cockerell’s Patent Lock-staple.”
1634. 18th November. ROBERT COCKERELL, of Invercargill, New Zealand.—A lever horseworks, to be known as “R. Cockerell’s Patent Compound Lever Horseworks.”
1635. 23rd November. JAMES COWIE, of Dunedin, New Zealand, Brass-finisher.—An improved totalizer, to be called “Cowie’s Springless Totalizer.”
1636. 25th November. WILLIAM BURNLEY BUST, of Dunedin, New Zealand, Engineer.—Binding roll-bacon, to be called “An Automatic Bacon-binder.”
1637. JOHN PRESS, of Takapuna, Auckland, New Zealand, Storeman.—An invention for covering the roofs of buildings with an improved form of tile, called “Press’s Patent Bond Angular Roof-tile.”
1638. 27th November. THOMAS CAIRNS BURT, of Dunedin, New Zealand, Engineer.—Converting night-soil and offal into a concentrated and inoffensive manure.
1639. 27th November. CHRISTIAN KLINGENSTEIN, of Christchurch, New Zealand, Hotelkeeper.—Extinguishing fires, called, “Klingenstein’s Perfect Safety Fire-extinguisher.”
1640. 27th November. RICHARD HUDSON, of Dunedin, New Zealand, Manufacturer.—Improvements in bakers’ ovens.
1641. 1st December. WALTER KNIGHT, of Gisborne, New Zealand, Bee-farmer.—An invention for improving construction of bee-hives.
1642. (L.R.) 27th November. JOHN SHELDON, of No. 3, Wyndham Road, Birmingham, Warwick, England, Mechanical Engineer.—New or improved machinery for the manufacture of metallic screws and screw-bolts, and other metallic articles having screw threads upon them.

1643. 4th December. HENRY DAVENPORT, of Wellington, New Zealand, Plumber.—A perfect-fitting solid-headed arch-shaped roofing-nail.
1644. 4th December. JULIUS PARKER, of Christchurch, New Zealand.—A combined electric totalizator, to be called "The Acme Totalizator."
1645. 5th December. GEORGE THOMAS BOOTH and RANALD MACDONALD, both of Christchurch, New Zealand, Agricultural Engineers.—Improvement in disc harrows, to be called "The Patent Holdfast Centre for Disc Harrows."
1646. 7th December. WILLIAM HENRY KIDDEY, of Christchurch, Hotelkeeper, and FRANK JOSEPH NOBLE, of Timaru, Mechanical Engineer.—An economical candle-holder, with automatic safety extinguisher or save-all.
1647. 8th December. HENRY DURAND, of Timaru, New Zealand, Gunsmith.—The Canterbury Portable Music-stand.
1648. 10th December. CHARLES HOLLARD ROBINSON and HENRY ROBINSON, of Carterton, New Zealand, Blacksmiths.—Straining wire, to be called "Robinson's Patent Ratchet Wire-strainer."
1649. 10th December. FRIEDRICH HERMANN POETSCH, of Aschersleben, in the German Empire.—Improvements in the means and apparatus or appliances for facilitating the sinking of shafts, pits, or borings in aqueous strata or under water.
1650. 10th December. EVAN ROWLANDS, of Melbourne, Victoria, Aërated Water Manufacturer, and THOMAS FERGUSON, of Albert Park, near Melbourne, Victoria, Bottler.—An improved machine for bottling aërated liquids.
1651. 10th December. JOHN GOOD, of Brooklyn, United States of America, Manufacturer.—Improvements in machinery for spreading and drawing hemp, flax, and other fibrous materials.
1652. 10th December. CHARLES OAKE ROSENBERG, of Wellington, New Zealand, Law Clerk.—A novel combined series of measures and funnels for bottling and other purposes.
1653. 11th December. DAVID MITCHELL CHAPMAN, of Christchurch, New Zealand, Fruiterer and Fruit-grower.—The destruction of scale and blight on apple-trees, to be known as "The Blight and Scale Eradicator."
1654. 7th December. CHARLES TANDY and WILLIAM HENRY NOONE, both of Auckland, New Zealand, Woodworkers.—Preparing New Zealand fern, and manufacturing the same into furniture and ornaments, and called "Filicis Ligni Work."
1655. 8th December. JAMES MOODY, of Parnell, Auckland, New Zealand, Boiler-maker.—An invention for carrying provisions, &c., to be called "Moody's Portable Food-can."
1656. 9th December. ROBERT ALEXANDER MILLS, of Devonport, Auckland, New Zealand, Builder.—A patent improved plane.
1657. 15th December. THOMAS WILKINS, of 19, Lyndhurst Road, Peckham, Surrey, England, Consulting Engineer.—Improvements in explosive compounds.
1658. 17th December. CHRISTIAN KOERSTZ and JOSEPH SWANN, of Waverley, Wanganui, New Zealand.—Improvements in presses for wool and other materials requiring to be pressed and baled.
1659. 17th December. WILLIAM REEVES, of Waikari, New Zealand, Coach- and Waggon-builder.—A double-action band-brake, applicable to all kinds of vehicles.
1660. 17th December. FREDERICK AUGUSTUS LUCKENBACH, of the City, County, and State of New York, United States of America.—Improvements in apparatus for pulverizing, separating, and treating ores and other substances.
1661. 21st December. HENRY DURAND, of Timaru, Canterbury, Gunsmith.—An improvement in the Canterbury Portable Music Stand.
1662. 17th December. ROBERT BAIN DAVIDSON, Engineer, of Templeton, in the County of Selwyn.—"The Boy-power weed-extirpator."
1663. (L.R.) 21st December. JAMES HOWARD and EDWARD TENNEY BOUSFIELD, both of Bedford, England, Engineers.—Improvements in and relating to sheaf carriers for harvesting machines.
1664. 21st December. GEORGE GOODLET, of Dunedin, Otago, Engineer.—An improved hydraulic propeller.
1665. 24th December. HENRY OAKDEN FISHER, of Cardiff, in the County of Glamorgan, Wales, in the United Kingdom of Great Britain and Ireland, Civil Engineer.—Improvements in apparatus for working and locking railway points and signals.
1666. 29th December. FREDERICK LOWNBOROUGH, of Waitara, in the County of Taranaki, Fencing Contractor.—Fastening barbed wire, termed "The Barbarian."
1667. 14th December. THOMAS JEFCOATE HARBUTT, of Auckland, in the Colony of New Zealand, Corn-broom Manufacturer.—Making Brooms to be called "The Union Broom."
1668. 23rd December. WILLIAM MARTIN, of Deborah, near Oamaru, Otago, New Zealand, Carpenter.—A combined safety well-cover, water-raiser, with self-tipping bucket and water-tank.
1669. 29th December. JOHN PARR, of Cambridge, Auckland, New Zealand, Farmer.—Straining fencing wire and roller.
1670. 28th December. HERMAN AUGUST, of Invercargill, Southland, Upholsterer.—"August's Bed-raiser," for the bottoms of iron bedsteads.
1674. 11th December. WILLIAM FREDERICK JONES, of Ponsonby, Auckland.—A patent single-fan rotary engine.

LETTERS PATENT LAPSED THROUGH NON-PAYMENT OF RENEWAL FEE, FROM 12TH MAY, 1885, TO 28TH FEBRUARY, 1886.

447. J. PIPER.—Packing-tins.
 455. J. M. TIEURGANT.—Gold- and sand-extractor.
 456. J. EVANS.—Sawing wood.
 465. J. WATKINS.—Farinaceous food from New Zealand wheat.
 473. C. F. PEMBERTON.—Making candles.
 474. J. E. BROWN.—Plough for clearing tram-rails.
 478. W. J. SILCOCK.—Keeping roads in repair.
 487. H. V. BARCLAY.—Computing surveyors' calculations, &c.
 492. S. PARKER.—Ridging and spouting, cress and dies.
 493. S. PARKER.—Improved ridging.
 503. T. HAXTON.—Harrow.
 504. W. S. J. H. MUNRO.—Cement.
 506. J. M. BERTRAM.—Stripping flax.
 507. J. M. BERTRAM.—Softening fibre of flax.

APPLICATION FOR LETTERS PATENT LAPSED AFTER PUBLICATION OF LIST FOR 1884.

1114. W. E. RICHARDSON.—Drill-stock.
 1115. J. SPEIGHT.—Motor.
 1118. W. ELDER.—Rubber-stamp.
 1119. J. LEES.—Wire-strainer.
 1123. W. WILKINSON.—Barbing wire.
 1124. J. WALL.—Incubator.
 1125. D. N. F. GARNIER.—Galvano-electric satchel.
 1126. J. LEES.—Fencing brace.
 1127. T. DANKS.—Preventing waste of water.
 1128. T. DANKS.—Danks's Patent Overflow.
 1131. J. DOUGLASS.—Link-cutting machine.
 1132. J. LEES.—Brake or signal-shafts.
 1133. J. DOUGLASS.—Ploughs.
 1134. T. HAYCOCK.—Knife polish.
 1135. C. WILLIAMS.—Packing blacking.
 1137. E. WILSON.—Wire clasp for fences.
 1141. J. BRUCE.—Grain drying.
 1143. R. DONKIN.—Fire alarm.
 1146. R. T. WEBB.—Band-saw attachment.
 1158. G. COOKSON.—Cinder-sifter.
 1166. A. ATKINS and F. DE J. CLERE.—Composite walls.
 1167. W. J. DALTON.—Angle guard.
 1169. J. B. CARTER.—Nose-bag for horses.
 1170. J. R. JOHNSTON.—Shutters.
 1172. W. J. DALTON.—Safety-guard for vehicles.
 1173. T. DANKS.—Gas-economiser.
 1176. W. T. FIRTH.—Float-gold saver.
 1178. D. BRISBANE.—Propel-wheel.
 1185. P. W. M. HOLT.—Fire-grate.
 1187. D. A. PAPWORTH.—Generating heat.
 1188. E. H. ELLIOT.—Wire-strainer.
 1189. F. W. DOWDING.—Vinegar.
 1192. J. C. FRASER.—Bottle-stopper.
 1194. J. HILL.—Boot-polisher.
 1195. E. G. BAIRD.—Enamel.
 1196. E. G. BAIRD.—Anti-fouling composition.
 1201. W. E. RICHARDSON.—Butter-printing press.
 1208. J. JENSEN.—Kitchen-boiler and fire-stand.
 1211. R. JONES.—Rabbit-trap.
 1219. H. CORRICK.—Kitchen utensil.
 1222. K. L. BLANCK.—Rotary-engine.
 1226. H. G. WILLIAMS.—Patent medicine.
 1228. J. WHITTAKER.—Washing-machine.
 1229. H. FUHRMANN.—Albo-carbon light.
 1239. J. BURNS.—Fibre-beaters.
 1240. J. BURNS.—Wire-strainer.
 1241. W. F. JONES.—Pianoforte hopper roller, &c.
 1242. H. J. TURNER.—Hæmorrhoid support.
 1259. H. CHAMBERLIN.—Utilising the force of the wind for ploughing, &c.
 1261. J. ANDERSON and A. MORRISON.—Hydraulic universal joints.
 1263. W. WELLS and G. W. STURGESS.—Wire-strainer.
 1264. W. WELLS and G. W. STURGESS.—Wire-strainer.
 1266. W. J. DALTON.—Spring-stretcher for bedsteads.
 1271. W. WILKINSON.—Rotary feeder for seed-sowing, &c.
 1275. P. and D. DUNCAN.—Seed-drills.
 1276. D. ROBERTSON.—Meat-press.

1277. T. D'A. HAMILTON.—Clearing kauri gum.
 1278. G. PARTINGTON.—Self-creating motor.
 1279. G. T. BOOTH, W. ROSS, and R. MACDONALD.—Rock-jumping plough.
 1280. W. WELLS and G. W. STURGESS.—Wire-strainer.
 1283. C. J. and C. E. T. HILL.—seed sowing.
 1285. J. OSBORNE.—Automatic reversing gear to attach to a Boomer Press.
 1286. C. G. MOORE.—Adapting the albo-carbon light to gas-burners.
 1287. J. PARKER.—Totalizator.
 1290. G. RABBIDGE.—Armature for electro motors, &c.
 1293. F. OAKDEN.—Tram-rail clearer.
 1294. J. D. MCKEAN.—Insect-repelling scrim.
 1295. R. BAKER.—Concrete machine.
 1296. C. WOOD.—Cement.
 1301. T. K. WILLIAMS.—Fanlight lock and suspender.
 1311. R. T. DOBBIE.—Brickmaking machines.
 1312. G. S. SMITH.—Hoe.
 1313. G. BODLEY.—Steam engine.
 1314. W. B. BUST.—Door hinge.
 1315. A. HARDING and J. H. STEVENS.—Fire locator.
 1317. F. B. W. MALET.—Wire-strainer.
 1318. J. D. ARNABOLDI.—Bolt-cutting.
 1319. J. D. ARNABOLDI.—Flooring cramp.
 1320. F. B. W. MALET.—Wire-strainer.
 1321. A. SHAW.—Wire-roofing nail.
 1324. H. J. SHAW.—Brushes and brooms.
 1326. G. REED.—Renovating billiard cushions.
 1328. W. GREENSHIELDS.—Suspender.
 1331. J. OSBORNE.—Gorse-cutter.
 1334. G. BARTON.—Bedstead.
 1336. A. G. STEPHEN and T. RUKA.—Toothache-curer.
 1338. C. BRADLEY.—Candlestick.
 1340. F. WILLIAMS.—Woolwasher.
 1343. T. HOOD.—Paints.
 1344. J. D. ARNABOLDI.—The Cambridge dial.
 1345. R. COCKERELL.—Harrows and cultivators.
 1346. S. BACON.—School-desk.
 1347. J. CRAIG.—Boxes for packing cheese.

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. Forms of application are supplied gratis.

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, 10th March, 1886.

C. J. A. HASELDEN,
Patent Officer.

By Authority: GEORGE DIDSBURY, Government Printer, Wellington.—1886.

