

1888.

NEW ZEALAND.

LETTERS PATENT AND LETTERS OF REGISTRATION

APPLIED FOR DURING 1887.

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

[L.R. means Letters of Registration.]

2175. 3rd January. FREDERICK TAYLOR REDMAN, of Masterton, Wairarapa, New Zealand, Accountant.—An invention for the manufacture and use of prepared paper in the construction of pipe organs. (Not proceeded with.)
2176. 4th January. GEORGE ALLMAN, of Dunedin, in the Provincial District of Otago, New Zealand, Master Mariner.—An invention for Allman's patent automatic nautical and danger-indicating dial.
2177. 8th January. EDWIN WISE HOLLIS, of Thames, in the Provincial District of Auckland, New Zealand, Clerk.—An invention for an improved vermin trap.
2178. 5th January. JOHN BURNS, of Sydenham, in the Provincial District of Canterbury, New Zealand, Engineer.—An invention for preventing pumps from losing all their water (or other liquid) through leakage of valves while at rest. (Not proceeded with.)
2179. 6th January. OLGA MARAQUITA TRACEY, of Dunedin, in the Provincial District of Otago, New Zealand, School-teacher.—An invention for facilitating the handling of kerosene or other lamp-oil or spirit. (Not proceeded with.)
2180. 7th January. HORACE ROBINSON, of Dunedin, New Zealand, Dentist, &c.—An invention for improving taps and saving waste, entitled "Robinson's Patent Taps." (Not proceeded with.)
2181. 7th January. HARRY SCOTT, of Christchurch, New Zealand, Engineer.—An invention for preventing danger to passengers in leaving or entering tramway carriages, called "Scott's Patent Safety Wheel-guard." (Not proceeded with.)
2182. 11th January. THOMAS BEAUMONT DWAN, of Wellington, New Zealand, Commission Agent.—An invention for improvements in apparatus for aerating malt and other liquors. (T. Liddell.) (Not proceeded with.)
2183. 12th January. ADOLPH HERZOG, of Wellington, New Zealand, Consulting Engineer.—An invention for injecting gas and air through a combination injector. (Withdrawn.)
2184. 11th January. ALEXANDER WALKER REID, of Ngaire, in the County of Hawera, New Zealand, Settler.—An invention for a patent vibrating sifting apparatus for dressing any description of seeds. (Not proceeded with.)
2185. 13th January. CARL GUSTAF PATRIK DE LAVAL, M.A., of 14, Alandskatan, Stockholm, in the Kingdom of Sweeden, Engineer.—An invention for an improved centrifugal apparatus, that can be operated by hand, for separating substances of different gravities, such as milk and cream.
2186. 13th January. JAMES SIMPSON and EDWARD WILLIAM PARNELL, of 8A, Rumford Place, Liverpool, in the County of Lancaster, England, Alkali Manufacturers.—An invention for improvements in the treatment of auriferous and argentiferous sulphide of antimony ores, to obtain gold, silver, and antimony therefrom.
2187. 13th January. HENRY MESSAGE, of Christchurch, New Zealand, Engineer.—An invention for a washing-machine, intended to be used with portable boilers or fixed coppers, and called the "Globe Easy Washer." (Not proceeded with.)
2188. 15th January. JOHN EDWARD HAYES, of Lambton Quay, Plumber, and WILLIAM HENRY EDWARDS, of Queen Street, Builder, both of Wellington, New Zealand.—An invention for improvements in cooling chambers. (Not proceeded with.)
2189. 15th January. HENRY HUGHES, of Johnston Street, Wellington, New Zealand, Consulting Engineer and Patent Agent.—An invention for improvements in machinery for the manufacture of paper bags.
2190. 17th January. JOHN WILLIAM BARTLEY, of Wellington, New Zealand, Hotel Barman.—An invention for improvements in boxes or trays for containing matches and other matters. (Not proceeded with.)

2191. 17th January. JOHN BARTOS, of Waimate, in the County of Waimate, New Zealand.—An invention for a manual platform chaff bag-filler. (Not proceeded with.)
2192. 18th January. WILLIAM HOOKER, of Wellington, New Zealand, Gas Engineer.—An invention for a gas-injector for mixing air and gas to any required quality. (Not proceeded with.)
2193. (L.R.) 15th January. SIDNEY SIMMONS, of York Road, King's Cross, in the County of Middlesex, England, Manufacturer.—An invention for an improvement in carpet-beating machines.
2194. 14th January. HENRY JOHNSON, Ironfounder, and THOMAS JAMES HESKETT, Engineer, of Onehunga, in the Provincial District of Auckland, New Zealand. An invention for smelting gold, silver, and other ores, to be called "Johnson and Heskett's Universal Smelting Furnace." (Not proceeded with.)
2195. 21st January. ILLIUS AUGUSTUS TIMMIS, of 2, Great George Street, in the City of Westminster and County of Middlesex, England, Civil Engineer.—An invention for improvements in the arrangements for electrically lighting railway-trains.
2196. 20th January. WALTER HAMPTON, of St. Mary's Road, Ponsonby, Auckland, New Zealand, Engineer.—An invention for a furnace, to be called "Hampton's Patent Furnace."
2197. 26th January. SAMUEL LEVY, of 55, Fitzroy Street, Fitzroy, in the Colony of Victoria, Distiller.—An invention for improvements in the preparation of compressed yeast.
2198. 22nd January. WILLIAM THOMSON, of No. 1 Street, Opoho, in the Borough of North-east Valley, Otago, New Zealand, Cabinetmaker.—An invention for Thomson's improved washing-machine. (Not proceeded with.)
2199. 24th January. CORNELIUS LOT WHEELER, of Christchurch, New Zealand, Flour-mill Expert.—An invention for mechanically separating, cleansing, and purifying grain, seed, mill-produce, dried fruits, &c., to be designated and known as "Wheeler's Patent Improved Acme Separator and Purifier."
2200. 28th January. JAMES ROBERTSON, of Wellington, New Zealand, Engineer.—An invention for improvements in lawn-tennis markers. (Not proceeded with.)
2201. 19th January. ROBERT WOOLLEY GIBBS, of Maitai Valley, in the Provincial District of Nelson, New Zealand, Cordage Factor.—An invention for a flax-dressing machine for dressing the *Phormium tenax* or New Zealand flax. (Not proceeded with.)
2202. 27th January. WILLIAM ANGUS, of Sydenham, New Zealand, Blacksmith.—An invention for a pump to retain fluid without the use of valves.
2203. 29th January. ALFRED LEE SMITH, of Dunedin, in the Provincial District of Otago, New Zealand, Merchant.—An invention for covering seed with manure in such a manner that the seed and manure are combined in one body to the extent and proportions required. (Not proceeded with.)
2204. 1st February. GEORGE HENRY BROWN, of Wellington, New Zealand.—An invention for improvements in window-screens.
2205. 28th January. JAMES BARCLAY BLAIKIE, of Auckland, New Zealand, Plasterer.—An invention for plastering, to be known as "Blaikie's Patent Fire-proof Plaster."
2206. (L.R.) 31st January. DESMOND GERALD FITZGERALD, of 6, Akerman Road, Brixton, in the County of Surrey, England, Electrician.—An invention for improvements in the manufacture of elements for voltaic batteries.
2207. (L.R.) 31st January. THOMAS JOHN JONES, of 11, Queen Victoria Street, in the City of London, England, Electrician.—An invention for improvements in voltaic batteries.
2208. 31st January.—HENRY GRAFTON VINE, of Dunedin, in the Provincial District of Otago, New Zealand, Salesman.—An invention for improvements in the manufacture and production of a new washing-machine, to be called and known as "Vine's Western Steam-washer." (Not proceeded with.)
2209. 28th January. JOHN ARCHIBALD COCHRANE, of Hamilton, in the Provincial District of Auckland, New Zealand.—An invention for a wire-strainer, to be called "The Cochrane Patent Wire-strainer."
2210. 31st January. WILLIAM HUMPHREY TRIMBLE, of Devonport, Auckland, New Zealand, Settler.—An invention for a centrifugal amalgamating and separating machine for gold, silver, and other metals.
2211. 4th February. WILLIAM OLIVER, of Albert House, Canonbury, London, England, Engineer.—An invention for an improved method of administering faradic or galvanic electricity, combined with an advertising apparatus.
2212. 1st February. ROBERT COCKERELL, of Invercargill, New Zealand, Blacksmith.—An invention for an improvement in axles for disc-harrows. (Not proceeded with.)
2213. 2nd February. ALEXANDER MORRISON, of Christchurch, New Zealand, Engine-driver.—An invention for using cotton-waste for packing the glands of steam-engines, to be called "Morrison's Patent Packing." (Not proceeded with.)
2214. 3rd February. JOHN MARRIOT, of Christchurch, New Zealand, Gas Engineer.—An invention for automatically keeping clear the orifice through which tar or other liquid fuel is supplied to furnaces, and regulating the supply of such fuel, to be called "Marriot's Patent Automatic Tar-feed Apparatus."
2215. 5th February. GERSHON BOWMAR, of Nottingham Meadows, Gore, Southland, New Zealand, Farmer.—An invention for improvement in bagging apparatus connected with chaff-cutters, &c.
2216. 7th February. JOHN JEFFERY, of Toorak Road, South Yarra, in the Colony of Victoria, Brassfounder.—An invention for an improved water-filter.

2217. 8th February. JOHN GARRY, of Napier, in the Provincial District of Hawke's Bay, New Zealand, Engineer.—An invention for an improved method of fastening and releasing the doors of wool or other presses intended to be used for pressing or reducing the bulk of wool or other material or product. (Not proceeded with.)
2218. 9th February. MARTIN ELLER, of Wellington, New Zealand, Upholsterer.—An invention for a folding spring mattress, to be called "Eller's Folding Spring Mattress."
2219. 7th February. WILLIAM MEIKLE, of Auckland, New Zealand, Engineer.—An invention for improvement in tram-cars and railroad-trucks, to be called "Meikle's Patent Improvement in Tram-cars." (Not proceeded with.)
2220. 5th February. WALTER BLACKIE, of Taieri, New Zealand, Farmer.—An invention for straining and sieving, to be called "Blackie's Patent Milk-sieve." (Not proceeded with.)
2221. 8th February. JOHN YOUNG, of Pitt Street, Auckland, New Zealand.—An invention for an apparatus to be used in, and the application of chlorine gas to, the extraction of metals from their ores, to be called "Young's Chlorination Process." (Not proceeded with.)
2222. 9th February. THOMAS KELLY, of Auckland, New Zealand, Plasterer.—An invention for plastering, to be called "Kelly's Patent Damp- and Fire-proof Plastering." (Not proceeded with.)
2223. 12th February. CYRIL MOUNTFORT, of Christchurch, New Zealand, Architect.—An invention for improvements in the method of, and apparatus for, regulating fanlights, called the "Patent Fan-light Regulator." (W. Leggatt.)
2224. 14th February. EDWIN FODEN, of Sandbach, in the County of Chester, England, Engineer.—An invention for improvements in threshing-machines.
2225. 14th February. ABEL FRENCH SPAWN, of Oakland, California, Manufacturer.—An invention for an improved apparatus for drying fruit.
2226. 15th February. JOHN JOSEPH HOWARD, of Crossley Street, Auckland, New Zealand, Artist.—An invention for an improved means of discharging silt barges or punts. (Not proceeded with.)
2227. 15th February. HARRY WADDINGTON SMYTHIES, of Remuera, in the Provincial District of Auckland, New Zealand, Surveyor.—An invention for concentrating draught on to a fire in any fireplace or grate, and for preventing sparks or live coals from flying out from the fire, to be called "The Fire-raiser and preventer." (Not proceeded with.)
2228. 16th February. HENRY JAMES SYMS, of Thames, in the Provincial District of Auckland, New Zealand, Cordial Manufacturer.—An invention for imperial nectarine.
2229. 21st February. ALBERT DAWSON, of Maniaia, in the Provincial District of Taranaki, New Zealand, Farmer.—An invention for straining fence-wires, timber-logging, cattle-hoisting, and to be used as a farm-winch, and known as "Dawson's Combined Wire-strainer and Farm-winch." (Not proceeded with.)
2230. 19th February. THOMAS DANKS, of Christchurch, in the Provincial District of Canterbury, New Zealand, Engineer.—An invention for an improved windmill for raising water and other purposes.
2231. 17th February. JOHN ASPINALL, of Skipper's Point, in the Provincial District of Otago, New Zealand, Miner.—An invention for an improvement in rivetting circular joints in pipes or other material difficult of access.
2232. 19th February. MICHAEL ROBERT DUNCAN, of Dunedin, in the Provincial District of Otago, New Zealand, Hydraulic Engineer.—An invention for Duncan's Poncetlet stream-wheel.
2233. 22nd February. SAMUEL KINGSBURY, of Ashley, in the Provincial District of Canterbury, New Zealand, Farmer.—An invention for Kingsbury's improved feeder for threshing-machines.
2234. 24th February. CHARLES BROWN, of Christchurch, New Zealand, Artisan.—An invention for an improvement in the means of driving well-tubes and piles and apparatus therefor, called "The Speedy Well-sinker and Pile-driver." (Not proceeded with.)
2235. 23rd February. JOHN ASPINALL, of Skipper's Point, in the Lake County, Otago, New Zealand, Miner.—An invention for a rock-drill, to be known as "Aspinall's Rock-drill."
2236. 28th February. HERBERT GABY, of Hansen Street, Wellington, New Zealand, Gas Engineer.—An invention for an improved incandescent gas-burner. (Not proceeded with.)
2237. 24th February. HORATIO ALFRED WARNER, of Graham Street, Auckland, New Zealand, Licensed Surveyor.—An invention for a washing-machine, to be called "The New Zealand Washing-machine." (Not proceeded with.)
2238. 25th February. ROBERT MARTIN, of Beresford Street, Auckland, New Zealand, Agent.—An invention for the purpose of assisting in the manufacture of boots, to be called "The Excelsior Iron and Wood Boot-last Stand." (Not proceeded with.)
2239. 3rd March. JOHN GOOD, of Washington and Park Avenues, Brooklyn, in the State of New York and United States of America, Engineer.—An invention for improvements in machinery for spinning hemp and other fibrous materials.
2240. 28th February. CHARLES McQUEEN, of Dunedin, in the Provincial District of Otago, Engineer.—An invention for a machine for crushing cement, quartz, and other hard substances.
2241. 4th March. CHARLES DONEY and THOMAS DONEY, both of Hastings, in the Provincial District of Hawke's Bay, New Zealand, Blacksmiths.—An invention for an improved machine for driving well-tubes and piles.
2242. 4th March. HENRY CAMPBELL, of 19, Soho Square, in the County of Middlesex, England, Engineer.—An invention for improvements in apparatus for making wooden boxes.
2243. 3rd March. JAMES LITTLE, of Woodend, New Zealand, Implement Maker.—An invention for an improved form of harrow-tine, to be called "Little's Patent Harrow-tine." (Not proceeded with.)

2244. 3rd March. CLEMENT KIND and JOHN ROBERT KING, of Christchurch, New Zealand.—An invention for stamping, pressing, or drawing through all kinds of metal or metals into any other shape than flat. (Refused.)
2245. 17th February. JOSEPH JAMES MACKY, of Auckland, New Zealand.—An invention for protecting bank cheques so that the amounts cannot be altered after being drawn, to be called "Macky's Patent Bank Cheque." (Not proceeded with.)
2246. 3rd March. WILLIAM GILBERT, of 12, George Street, Dunedin, New Zealand, Tea Merchant.—An invention for an easy, cheap, and simple method of producing stereotype moulds for plates for fancy printing and natural effects, to be called "Gilbert's Stereotomy Process." (Not proceeded with.)
2247. (L.R.) 2nd March. CYRUS W. BALDWIN, of Chicago, in the County of Cook and State of Illinois, in the United States of America.—An invention for improvements in hydraulic elevators.
2248. 8th March. GEORGE SOLLITT, of Hastings, in the Provincial District of Hawke's Bay, Builder.—An invention for a machine for sinking artesian wells, and to be known as "Sollitt's Automatic Well-sinking Machine." (Not proceeded with.)
2249. 8th March. THOMAS GOODFELLOW and JAMES SINDEN, of Alexandra, in the County of Waipa, New Zealand.—An invention for pulverising soil, and to be used as a cultivator (substitute for plough and harrows, disc or tine), to be called "The Alexandra Cultivator." (Not proceeded with.)
2250. 8th March. CHARLES ALMY DEARBORN, of New York, in the United States of America, Mechanical Engineer.—An invention for improvements in sewing-machines.
2251. 3rd March. ROBERT NEWTON VANES, of Dunedin, in the Provincial District of Otago, New Zealand, Medical Electrician. An invention for a method of applying the electric current to the human body for curative purposes.
2252. 10th March. HENRY EDWARDS, of Ghuznee Street, Wellington, New Zealand, Cabinetmaker, and GEORGE EDWARDS, of Hanson Street, in Wellington aforesaid, Laundry Engineer.—An invention for an improved washing-machine, to be known as "The Perfection Washing-machine." (Not proceeded with.)
2253. 9th March. JOHN SMITH, of Kyber Pass, Auckland, New Zealand.—An invention for an improved gum-spear, to be called "Smith's Patent Gum-spear." (Not proceeded with.)
2254. 11th March. MARIE AGUSTIN DESPEISSIS, of Barkly Street, St. Kilda, Victoria, Sugar Manufacturer.—An invention for an improved means for creating an even and regular draught through the tubes or flues of steam-boilers.
2255. 11th March. ARCHIBALD MCFARLAND, of No. 2, Hotham Street, East Melbourne, in the Colony of Victoria, Gentleman.—An invention for improvements in the construction of spring mattresses.
2256. 12th March. HENRY SHAW SMITH, a member of the firm of "H. P. Gregory and Company," Machinery Merchants, of Sydney, in the Colony of New South Wales.—An invention for an improvement in rock-drills. (H. C. Sargeant.)
2257. 10th March. BARTHOLOMEW HUGHES, of Ashburton, New Zealand, Accountant.—An invention for the better and more efficacious distribution of poisoned grain or other poison for the destruction of birds. (Not proceeded with.)
2258. 12th March. DANIEL JOHN FITZGERALD, of Christchurch, New Zealand, Circus Proprietor.—An invention for mechanical circus riders' trainer. (Not proceeded with.)
2259. (L.R.) 11th March. WILLIAM BAYLISS, of the firm of "Bayliss, Jones, and Bayliss," of Victoria Works, Wolverhampton, in the County of Stafford, England, Bolt, Nut, and Fencing Manufacturers, and ROBERT HOWARTH, of 9, Beaumaris Terrace, Lower Villiers Street, Blakenhall, Wolverhampton aforesaid, Engineer.—An invention for improvements in means for preventing nuts and bolts or other screwed parts from working loose.
2260. 11th March. HENRY GRAFTON VINE, of Dunedin, New Zealand, Salesman.—An invention for improvements in the manufacture and production of a new washing-machine, to be called and known as "Vine's Turbine Steam-washer." (Not proceeded with.)
2261. 12th March. ROBERT JONES ROBERTS, of Victoria Arcade, Auckland, New Zealand, Architect.—An invention for filtering water, to be called "Roberts's Patent Automatic Filter." (Not proceeded with.)
2262. 16th March. ARCHIBALD DICKSON HUNTER, of Collins Street West, in the City of Melbourne and Colony of Victoria, Manufacturer.—An invention for improvements in compositions for treating matters having an offensive smell.
2263. 14th March. ROBERT JONES ROBERTS, of Victoria Arcade, Auckland, New Zealand, Architect.—An invention for filtering water, to be called "Roberts's Filtering Cistern." (Not proceeded with.)
2264. 18th March. EDWARD SEAGER, of Manners Street, Wellington, New Zealand, Engineer.—An invention for Seager's Hydraulic Lift-valve. (Not proceeded with.)
2265. 21st March. HENRY CHRISTIAN ABSTINENCE FFROST, of Pitt Street, Sydney, in the Colony of New South Wales, Printer.—An invention for party-colour, alternate-colour, and radiant tints and blends or prismatic-colour printing process. (Not proceeded with.)
2266. 15th March. JOHN CHARLES PELHAM and JOHN FRANCIS ROBERTS, of Auckland, New Zealand, Carpenters.—An invention for an incubator, to be known as "The Patent Simplex Incubator."
2267. 16th March. HILDEBRAND TERTIUS HILL, of Pahi, Kaipara, in the Provincial District of Auckland, New Zealand.—An invention for an appliance for preventing horses from bucking, and as an aid in breaking in and controlling them, to be called "Hill's Patent Martingale."

2268. 21st March. JAMES S. LOUGHEAD, of Sarina, in the Province of Ontario, Canada, temporarily residing at Sydney, in the Colony of New South Wales, and NORMAN SELFE, of Sydney, aforesaid, Civil and Mechanical Engineer.—An invention for improvements in machinery for boring or drilling in the earth.
2269. 18th March. THOMAS HARVEY COPEMAN, of Auckland, New Zealand, Perambulator Manufacturer.—An invention for a wheel, to be called "Copeman's Patent Paragon Wire-wheel."
2270. 19th March. DAVID JONES, of Arch Hill, Auckland, New Zealand, Mechanic.—An invention for a patent acme tubular propeller. (Not proceeded with.)
2271. 21st March. GEORGE SARGENT JAKINS, of the firm of Jakins and Willcox, of Christchurch, New Zealand, Grain Merchants.—An invention for the Eureka butter-machine.
2272. 22nd March. WILLIAM DOUSLIN, of Blenheim, Marlborough, New Zealand, Architect.—An invention for improvements in turn-buckles.
2273. 24th March. ARTHUR BRIN, of No. 59, Brompton Crescent, in the County of Middlesex, England, Engineer and Chemist, and LEON QUENTIN BRIN, of No. 7, Rue Gavarni, Paris, in the Republic of France, Engineer and Chemist.—An invention for improvements in the manufacture of sugar.
2274. 24th March. EDWARD PHILLIPS, of 84, Bishopsgate Street Within, in the City of London, England, Merchant.—An invention for new or improved extinguishing apparatus for oil- and spirit-lamps.
2275. 24th March. GUILLAUME SMYERS, of 107, Chaussée de Vlimgat, Brussels, in the Kingdom of Belgium, Engineer.—An invention for apparatus for supplying combustible fluid to oil- or gas-motor engines."
2276. 25th March. EDWIN TOMS, of Willis Street, Wellington, New Zealand, Carpenter.—An invention for an improved self-acting deodorising dry-earth closet.
2277. 19th March. HUGH MAINLAND, of Otautau, in the Provincial District of Otago, New Zealand, Builder.—An invention for a chaff-feeding box, to be called "Mainland's Improved Patent Economic Chaff-feeder," for sheep or other animals. (Not proceeded with.)
2278. 21st March. WILLIAM GILBERT, of Dunedin, New Zealand, Tea Merchant.—An invention for Gilbert's metallic ring packing high- and low-pressure self-adjusting. (Not proceeded with.)
2279. 22nd March. DAVID SMITH JOLLY, of Port Chalmers, in the Provincial District of Otago, New Zealand, Printer.—An invention for a method of making a metal border for printing in colours, to be called "Aurora Type." (Not proceeded with.)
2280. 22nd March. RICHARD OGBORN MANSFORD, of Dunedin, New Zealand, Artist.—An invention for an automatic self-delivering cigarette- and match-box, to be called "Mansford's Patent Automatic Cigarette- and Match-box." (Not proceeded with.)
2281. 24th March. CHARLES WILLIAMS, of Albert Street, Auckland, New Zealand, Manufacturer of Ammonia.—An improved method of manufacturing Ammonia to be called "Williams's Patent Spirits of Ammonia or Excelsior Washing-fluid." (Not proceeded with.)
2282. 25th March. ELI HOWARTH, of Dunedin, New Zealand, Patternmaker.—An invention for Howarth's automatic safety apparatus for cages used in lifts, hoists, mines, &c.
2283. 25th March. ANDREW THOMSON, of Port Chalmers, in the Provincial District of Otago, New Zealand, Fish-curer.—An invention for preserving fish or other animal substances by means of a solution of boracic acid and salt.
2284. 28th March. SIDNEY AUSTIN GRANT, of Springfield, Massachusetts, United States of America, Manufacturer.—An invention for improvements in envelope-machines.
2285. (L.R.) 22nd March. THOMAS JOHN JONES, formerly of 12, Princes Street, Hanover Square, in the County of Middlesex, and at present at 11, Queen Victoria Street, in the City of London, England, Electrician, and WILLIAM HOWARD TASKER, formerly of 7, Gower Street, Bedford Square, and of 18, Upper Woburn Place, Tavistock Square, but at present at 9, Princeton Street, in the County of Middlesex, England, Electrician.—An invention for improvements in the manufacture of plates or elements for voltaic batteries.
2286. 30th March. PARNELL RABBIDGE and GUSTAF DILLBERG, Electricians, of the City of Christchurch, in the Provincial District of Canterbury, New Zealand.—An invention for improvements in telephone transmitters or microphones.
2287. 1st April. EDWARD WATERS, of Molesworth Chambers, 75, Chancery Lane, Melbourne, Victoria, Patent Agent.—An invention for improvements in the production of pictures with the aid of photography. (L. J. H. Cellierier).
2288. 30th March. HENRY CHAMBERLIN, of Parnell, Auckland, New Zealand.—An invention for the prevention of ships striking the ground or bed of the ocean. (Not proceeded with.)
2289. 5th April. HENRY WILLIAM POTTER, of Invercargill, New Zealand, Architect.—An invention for an improved spouting bracket, to be called "The Simplex Spouting Bracket."
2290. 6th April. GEORGE HARRY BOWERN, of Wanganui, New Zealand, Sign-writer.—An invention for wire-splicing and hauling, to be called "Bowern's Wire-splicer and Hauler."
2291. 2nd April. JOHN JAMES HASLAM, of Wharf Road, Avondale, Auckland, New Zealand, Builder.—An invention for elevating and tipping earth or other material, described as "A Horse-power Earth Elevator and Self-acting Tipper." (Not proceeded with.)
2292. 4th April. ARTHUR JOHN SMITH, of Auckland, New Zealand, Cabinetmaker.—An invention for an apparatus or appliance to the telephone to facilitate the use thereof, to be called "Smith's Patent Telephone-holder."
2293. 7th April. JOHN HARDCASTLE, of Napier, New Zealand, Journalist.—An invention for a cool provision-safe, to be called "The Grotto Safe."
2294. 7th April. JOHN HARDCASTLE, of Napier, New Zealand, Journalist.—An invention for a newspaper-file, to be called, "The Jubilee File."

2295. 14th April. EDWARD WATERS, of Molesworth Chambers, 75, Chancery Lane, Melbourne, Victoria.—An invention for an improved construction of barrel. (H. Wessel.)
2296. 14th April. JOSEPH HENRY BEBRO, temporarily residing at Melbourne, in the Colony of Victoria, Financial Agent.—An invention for improvements in mechanism or apparatus for printing railway- or tram-car-tickets. (M. Bebro.)
2297. 13th April. ESAU FISHER, of 200, Manchester Street, Christchurch, New Zealand.—An invention for straining fencing-wire, to be called "The Patent Reelo Wire-strainer."
2298. 16th April. THOMAS JOHN EDMONDS, of Ashbourne Ferry Road, Christchurch, New Zealand, Storekeeper.—An invention for self-raising egg-flour for making cakes, puddings, &c.
2299. (L.R.) 19th April. FREDERICK JOHN PAGE and CHARLES FOUNTAIN PAGE, trading as S. D. Page and Sons, of Norwich, England, Merchants and Manufacturers.—An invention for improvements in apparatus for inserting and fixing the bristles of brushes and the like.
2300. 19th April. JAMES WELMAN, of Poole, in the County of Dorset, England, and now residing at Alexandra South, Otago, New Zealand, Engineer.—An invention for an improved method of hydraulic dredging.
2301. 15th April. ELIJAH ALDIS, of Jervois Road, Ponsonby, Auckland, New Zealand, Artist.—An invention for a floor-crimp, to be called "Aldis's Paragon Floor-crimp."
2302. 15th April. JAMES HENRY MACKIE, of Auckland, New Zealand, Coach-builder.—An invention for an improvement for the protection and support of buggy- and carriage-hoods when down, to be called "Mackie's Patent Simplex Automatic Buggy- and Carriage-hood Protector and Supporter."
2303. 16th April. HENRY CHAMBERLIN, of Parnell, Auckland, New Zealand.—An invention for a reverberating marine-sounder.
2304. 18th April. JAMES SEED, Rope Manufacturer, and HENRY ABEL FLATMAN, Engineer, both of Southbrook, New Zealand.—An invention for an improved method of suspending window-sashes and railway-carriage windows and blinds.
2305. 18th April. SAMUEL HARDLEY, of Ashburton, New Zealand, Plumber.—An invention for a steam washing-machine.
2306. 18th April. ROBERT PEARCE GIBBONS, of Paeroa, in the Provincial District of Auckland, New Zealand, Sawmill Contractor.—An invention for applying a circulating chamber and steam-chest combined to straight tubular boilers, to be called "Gibbons's Circulating Chamber and Combined Steam-chest for Straight Tubular Boilers."
2307. 18th April. ROBERT TUDEHOPE, of Wellesley Street, Auckland, New Zealand, Plumber.—An invention for ventilating and deodorising sewer-shafts, closets, traps, &c., and destroying sewer-gas, and to be called "Tudehope's Patent Deodorising Ventilator."
2308. 18th April. ROBERT TUDEHOPE, of Wellesley Street, Auckland, New Zealand, Plumber.—An invention for the better ventilation of buildings, ships' cabins, &c., and to be called "Tudehope's Patent Duplex Ventilator."
2309. 20th April. THOMAS DOBBIE, of Dunedin, New Zealand, Machinist.—An invention for winding wool, cotton, and such threads as are collected in skeins into balls.
2310. 20th April. EDWIN WOOTON, of Christchurch, New Zealand, Scientist.—An invention for the manufacture of jellies and liquids from sea-weed.
2311. HENRY BIRCH, of Caversham, New Zealand, Pattern-maker.—An invention for a lead head of a conical shape cast on a nail, leaving head of nail visible.
2312. 20th April. HENRY BIRCH, of Caversham, New Zealand, Pattern-maker.—An invention for casting lead heads on nails.
2313. 25th April. CHARLES AUGUSTE PAILLARD, of 27, Rue Kleberg, in the City of Geneva, Switzerland, Manufacturer.—An invention for improvements in the manufacture of compensation-balance wheels for watches and chronometers.
2314. 26th April. WILLIAM DOUSLIN, of Blenheim, New Zealand, Architect.—An invention for a spindle for locks and attaching knobs to spindles.
2315. 29th April. SAMUEL LITHGOW, of Invercargill, New Zealand, Plumber.—An invention for an improved lead-headed nail for the securing of galvanised iron on buildings, to be known as "Lithgow's Improved Lead-headed Nail."
2316. 29th April. JAMES DRAKE, of London, in the County of Middlesex, England.—An invention for facilitating the use of the telephone and concentrating the sound, to be called "A Telephone-conductor or Sound-concentrator."
2317. 2nd May. JAMES CUNNING, of Indianapolis, in the County of Marion and State of Indiana, one of the United States of America, Gentleman.—An invention for improvement in machines for cleaning intestines.
2318. 2nd May. EDWARD PLANTA NESBIT, of Priory Road, Wandsworth Road, in the County of Surrey, England, Gentleman.—An invention for an improvement in the treatment of hides and skins for tanning and other purposes.
2319. 3rd May. GEORGE MARLEY, of Springfield, in the Provincial District of Canterbury, New Zealand, Blacksmith.—An invention for an improvement in heating ovens.
2320. 3rd May. ADA FRANCES COLE, of Karamu Road, Hastings, in the Provincial District of Hawke's Bay, New Zealand, Machinist.—An invention for improvements in machinery suitable for well-sinking and other purposes.
2321. 5th May. JAMES BARRIE, of Ingham Road, near Townsville, in the Colony of Queensland, Engineer.—An invention for crushing quartz and other minerals, known as "The Jubilee Direct-action High-pressure and Condensing Stamper Battery."
2322. 6th May. JOHN ORR WALLACE, of Belfast, in the County of Antrim, Ireland, Corn-broker.—An invention for an improved machine for breaking, cleaning, and scutching flax and similar fibres.

2323. 3rd May. JOSEPH ARTHUR MESSENGER, of Queen Street, Auckland, New Zealand, Artisan.—An invention for turning over the pages of music-books, &c., to be called "Messenger's Patent Presto Music-turner."
2324. 3rd May. JOHN THOMAS KNIGHT and GEORGE TOWLER, of Auckland, New Zealand, Floorists.—An invention for flooring, &c., to be called "The Patent Elastic Flooring," for playgrounds and other purposes.
2325. 5th May. REGINALD BAYLEY, of New Plymouth, New Zealand, Draftsman.—An invention for straining wire.
2326. 4th May. WALTER GREENSHIELDS, of Auckland, New Zealand, Bracist.—An invention for smoking, to be called "The Jubilee Patent Safety Pipe-or Cigar-holder," which condenses and retains in a small glass tube the poisonous fumes of tobacco.
2327. 5th May. JOSIAH HIPKINS, of Grafton Road, Auckland, New Zealand, Ironmaster.—An invention for a blast furnace and other novelties specially adapted for the smelting of titanite ironsands of New Zealand, to be called "Hipkins's Blast Furnace."
2328. 6th May. DOUGLAS HARRIS HASTINGS, Patent Agent, and RICHARD OGBORN MANSFORD, Artist, of Dunedin, New Zealand.—An invention for "Mansford's Perfect Milk-pail."
2329. 7th May. CHARLES BREMBLE HAWES, Painter, and HENRY ABLE FLATMAN, Engineer, both of Southbrook, in the County of Ashley, New Zealand.—An invention for preventing loss from, and improving the appearance of, pockets of wearing-apparel, to be called "The Absolute Safety Pocket-protector."
2330. 7th May. JOHN ROBERTSON, of Mason's Flat, in the County of Ashley, New Zealand, Blacksmith.—An invention for a method of exterminating rabbits.
2331. 7th May. JOHN ROBERTSON, of Mason's Flat, in the County of Ashley, New Zealand, Blacksmith.—An invention for an improved method of exterminating rabbits.
2332. 9th May. WILLIAM BELL, of Murrurundi, in the Colony of New South Wales, Engineer, JOHN WILLIAM BROOMHEAD, and WALTER AUGUSTUS JONES, both of Sydney, in the said Colony, Mathematical Instrument Makers, and JOHN LIONEL SUCKLING, of Barsham, near Blandford, in the colony aforesaid, Grazier.—An invention for improvements in appliances for shearing or clipping animals and for cutting hair.
2333. 9th May. WILLIAM WELLS and GEORGE WILLIAM STURGESS, of Sydenham, in the Provincial District of Canterbury, New Zealand, Engineers.—An invention for improvement in washing-machines.
2334. 9th May. THOMAS COTTLE, of Cust, in the County of Ashley, New Zealand, Farmer.—An invention for a patent medicine, called "The Colonial Cure."
2335. 10th May. JAMES WREN, of the Glen, near Dunedin, New Zealand, Wheelwright.—An invention for a certain broom, to be called "The Patent Reversible Broom."
2336. 13th May. HENRY CORRICK, of Christchurch, New Zealand, Bootmaker.—An invention for a slide-valve, to be called "Corricks's Anti-friction Slide-valve."
2337. 16th May. JAMES BROWN, of Invercargill, New Zealand, Accountant.—An invention for gold-saving, the machine to be known as "Brown's Separator."
2338. 16th May. EWALD FISCHER and MAX WILLIAM WEBER, both of Schlegelstrasse, 10, Berlin, in the Empire of Germany, Engineers.—An invention for improvements in extracting gold and other precious metals from their ores, and apparatus therefor.
2339. 16th May. JOHN GOOCH, of Brompton Road, in the County of Middlesex, England, Out-fitter.—An invention for improvements in shop-fronts.
2340. 16th May. EVAN ROWLANDS, of No. 116, Collins Street West, in the City of Melbourne and Colony of Victoria, Aerated Water Manufacturer.—An invention for improvements in cash-and parcels-carrying apparatus. (R. A. McCarty.)
2341. 18th May. WILLIAM TAYLOR, of Ohoka, Canterbury, New Zealand, Engineer and Smith.—An invention for cast-steel gauge-punch for making holes and improving horseshoes thereby.
2342. 17th May. WILLIAM GARRARD, of 38, Victoria Street, Christchurch, New Zealand, Gun-maker.—An invention for teaching swimming, to be called "Garrard's Patent Swimming Apparatus."
2343. 17th May. HENRY DURAND, of Timaru, in the Provincial District of Canterbury, New Zealand, Gunsmith.—An invention for a lightning cartridge-filler and turnover.
2344. 19th May. EDWARD WATERS, of 75, Chancery Lane, Melbourne, in the Colony of Victoria, Patent Agent.—An invention for improvements in the manufacture of boots and shoes. (M. L. Lion and F. Cutlan.)
2345. 19th May. ALFRED ATKINS, of Wanganui, and FREDERICK DE JERSEY CLERE, of Wellington, both in the Provincial District of Wellington, New Zealand.—An invention for improvements in school-desks.
2346. 14th May. ROBERT COCKERELL, of Invercargill, New Zealand, Blacksmith.—An invention for an improved tripod harrow for harrowing and scarifying the land.
2347. 17th May. JAMES ALEXANDER POND, of Auckland, New Zealand.—An invention for a hexagonal keg, designed to carry edible substances, both liquid and solid, without contact with the wood, to be called "Pond's Hexagonal Keg."
2348. 23rd May. JAMES NESS, of Port Chalmers, in the Provincial District of Otago, New Zealand, Clerk.—An invention for an automatic fire-extinguisher.
2349. 23rd May. FRANCIS CLARKE, of Dane John Works, Canterbury, in the County of Kent, England, Engineer.—An invention for improvements in targets for rifle-practice.
2350. 25th May. DANIEL HYAMS, of Cuba Street, in the City of Wellington, New Zealand, Dealer.—An invention for a patent folding bedstead, to be called "The Nonpareil Folding Bedstead."

2351. 25th May. DANIEL HYAMS, of Cuba Street, in the City of Wellington, New Zealand, Dealer.—An invention for a patent folding bedstead, to be called "The Success Folding Bedstead."
2352. 25th May. JOHN THOMPSON, of Oamaru, in the Provincial District of Otago, New Zealand, Builder, &c.—An invention for trapping rabbits, named "Thompson's Excelsior Rabbit-trap."
2353. (L.R.) 25th May. CHESTER HENRY POND, of No. 14, Spencer Place, New York, in the United States of America.—An invention for improvements in electro mechanical clocks, and in synchronizers therefor.
2354. (L.R.) 25th May. MORITZ IMMISCH, of 119, Torriano Avenue, Camden Town, London, in the County of Middlesex, England, Electrician.—An invention for improvements in electro motors and dynamo machines.
2355. 26th May. ARTHUR ROBINSON McCABE, of Fitzroy Street, Fitzroy, near Melbourne, in the Colony of Victoria, Engineer, THOMAS WILLIAM THOMSON, of the same place, Salesman, and JAMES THOMSON, of the same place, Licensed Victualler.—An invention for McCabe's perfection safety-hook and link.
2356. 26th May. PATRICK JOSEPH STRITCH, of Strathmerton, in the Colony of Victoria, Store-keeper.—An invention for an improved apparatus for straining fence-wires.
2357. 26th May. GEORGE WESTINGHOUSE, JUN., of Pittsburg, Pennsylvania, in the United States of America, Engineer.—An invention for improvements in fluid-pressure automatic brake mechanism.
2358. 26th May. GEORGE AMBROSE WILKINS, of London, England, Manufacturer.—An invention for improvements in paper bottles and in machines for manufacturing them.
2359. 27th May. JEAN MICHEL CAMILLE Malfroy, of Rotorua, in the Provincial District of Auckland, New Zealand, Hydraulic Engineer.—An invention for Malfroy's patent automatic sewer-flushing tank.
2360. 27th May. HENRY BROOKS, of Christchurch, New Zealand, Mercantile Clerk.—An invention for improvements in the construction of knobs, spindles, and furniture for locks, latches, and such like fastenings.
2361. 25th May. JOHN JAMES HASLAM, of Wharf Road, Avondale, in the Provincial District of Auckland, New Zealand, Builder.—An invention for receiving and conveying silt, sand, gravel, scoria, rock, or stone, &c., named "Haslam's Twin Self-discharging Hydraulic Hopper Pontoon."
2362. 26th May. JOHN LAMB, of Auckland, New Zealand, Miller.—An invention for a machine for making meal, to be known as "Lamb's Patent Porridge Meal."
2363. 28th May. EDWIN WOOTON, of Christchurch, New Zealand, Gentleman.—An invention for stamps for perforating bank cheques or for other purposes.
2364. 28th May. EDWIN WOOTON, of Christchurch, New Zealand, Gentleman.—An invention for improved stamps for perforating bank cheques or for other purposes.
2365. 31st May. JAMES CURTIS, of Petone, in the Provincial District of Wellington, New Zealand, Carriage-fitter.—An invention for the prevention of vibration or rattling in windows, doors, or anywhere else it is deemed necessary to prevent vibration or rattling.
2366. 30th May. JOHN ATHELSTAN PARSONS, of Kaikoura, in the Provincial District of Marlborough, New Zealand, Gentleman.—An invention for a universal clipper and shearer, called "Parsons's Universal Clipper and Shearer."
2367. 1st June. WILLIAM C. MARTIN and DAVID B. HUTTON, of R.M.S.S. "Aorangi," Engineers.—An invention for Martin and Hutton's spring metallic packing.
2368. 1st June. AUGUSTINE WILLIAM SWIFT, of Belfast, in the Provincial District of Canterbury, New Zealand, Wheelwright.—An invention for a windmill, to be known as "Swift and Son's Jubilee Windmill."
2369. 3rd June. WILLIAM THOMAS GRINSTED, Sen., of Christchurch, New Zealand, Importer.—An invention for an automatic recorder, to register in duplicate written matter of any kind upon layers of paper, styled "Grinsted's Patent Automatic Recorder."
2370. 4th June. WILLIAM JAMES WILSON, of Warkworth, in the Provincial District of Auckland, New Zealand, Engineer.—An invention for improvements in Wilson's improved lucop's centrifugal pulveriser.
2371. 3rd June. ROBERT NEWTON VANES, of Dunedin, New Zealand, Medical Electrician.—An invention for a thigh piece to be used in connection with Vanes's patent medical electric battery and appliances.
2372. 31st May. CHARLES AUGUSTUS FUNKE, Sen., HENRY FRANCIS FUNKE, and ERNEST EDWARD FUNKE, all of Panmure, in the County of Eden, New Zealand, Tanners, Curriers, and Leatherdressers.—An invention for manufacturing brown boot-leather.
2373. (L.R.) 8th June. ALFRED DAVY, of Sheffield, in the County of York, in England, Engineer.—An invention for improvements in Bessemer steel-making apparatus.
2374. 6th June. THOMAS BEGG, of Anderson's Bay, in the Provincial District of Otago, New Zealand, Company Manager.—An improved dropper for wire fences, to be known as "Begg's Dropper."
2375. 4th June. ELIJAH ALDIS, of Jervois Road, Ponsonby, Auckland, New Zealand, Artist.—An invention for a fire-escape, to be called "Aldis's Patent Safety Fire-escape."
2376. 6th June. ASHLEY JOHN HUNTER, Civil Engineer, and HENRY JOSEPH CARSON, Analytical Chemist, both of Auckland, New Zealand.—An invention for an improved method of deoxidising the New Zealand ironsand.
2377. 8th June. JOHN CHAMBERS, Ironmonger, and DAVID RANKEN SHIRREFF GALBRAITH, Analyst, both of Auckland, New Zealand.—An invention for the deoxidation of magnetic ironsand.

2378. 8th June. DAVID RANKEN SHIRREFF GALBRAITH, of Auckland, New Zealand, Analyst.—An invention for Galbraith's hydrogen ore-roasting process.
2379. 9th June. ELIZABETH VIALOW, of Auckland, New Zealand.—An invention for an ointment to be called "Grandpa's Magic Salve."
2380. 10th June. FRANK BATTENBURY BRITTON, Baker, and ROBERT CHARLES BELGRAVE, JUN., Blacksmith, both of Christchurch, New Zealand.—An invention for a combined ash-pan and riddle, styled "Britton and Belgrave's Combined Ash-pan and Riddle."
2381. 11th June. WILLIAM NELSON, of Tomoana, in the Provincial District of Hawke's Bay, New Zealand, Manager of the Tomoana Freezing-works, and EUGENE BOWEN, of the same place, Woolclasser.—An invention for an improved wool-drying machine, to be called "Bowen's Patent Improved Wool-drying Machine."
2382. 16th June. CHARLES HENRY RUSSELL, of 80, Gray's Inn Road, London, in the County of Middlesex, England, Gentleman.—An invention for improvements in automatic goods-selling apparatus.
2383. 16th June. THOMAS COOPER JOHN THOMAS, of Finsbury Park, in the County of Middlesex, England, Engineer.—An invention for improvements in gas-lamps.
2384. 16th June. FREDERICK NISHWITZ, of Millington, in the County of Morris and State of New Jersey, in the United States of America, Manufacturer.—An invention for improvements in harrows.
2385. 16th June. JAMES HILL, of No. 201, Bourke Street West, in the City of Melbourne and Colony of Victoria, Bellfounder.—An invention for an improved apparatus for tilting casks.
2386. 16th June. JAMES LOGAN, of No. 100, Sturt Street, Ballarat, in the Colony of Victoria, Watchmaker.—An invention for an improved gold-saving apparatus.
2387. 16th June. THOMAS ROXBURGH, of Collins Street West, in the City of Melbourne and Colony of Victoria, Merchant.—An invention for an improved process of making manure.
2388. 14th June. HENRY ELY SHACKLOCK, of Dunedin, New Zealand, Ironfounder.—An invention for locked and curved furnace-mountings.
2389. 17th June. THOMAS PRYDE ADAMSON, of East Tamaki, in the Provincial District of Auckland, New Zealand, Farmer.—An invention for pressing chaff into sacks, or for any other purpose that requires tamping or pressing, to be called "The Jubilee Chaff-presser."
2390. 17th June. WILLIAM JAMES SIMPSON, of Kirwee, in the Provincial District of Canterbury, New Zealand.—An invention for cutting chaff, to be called "The Improved Chaff-cutter Knife."
2391. 18th June. JOHN STEWART STINNEAR, of Christchurch, New Zealand, Plumber.—An invention for preventing chimneys from smoking and promoting ventilation, to be called "Stinnear's Smoke- and Ventilating-cone."
2392. 24th June. ALFRED NOBEL, of 53, Avenue Malakoff, Paris, in the Republic of France, Engineer.—An invention for improvements in explosives, and in the use of explosives, especially in shells and torpedoes.
2393. 27th June. CHARLES VALENTINE MCJENKINS, of the City of Wellington, New Zealand.—An invention for improvements in mortising-machines for timber.
2394. 27th June. JOHN CALLANDER, of Bull Street, Sandhurst, in the Colony of Victoria, Engineer, and ROBERT THOMAS BARLOW, of View Point, Sandhurst aforesaid, Insurance Agent.—An invention for an improved automatic catch for holding open doors, windows, gates, and the like.
2395. 27th June. WILLIAM RYLEY, of No. 3, Wilson Street, South Yarra, in the Colony of Victoria, Engineer.—An invention for improvements in sheep-shearing machines.
2396. (L.R.) 27th June. CUTHBERT GREENWOOD JOHNSON, of Oakwood, Croft, near Darlington, in the County of Durham, England, Gentleman.—An invention for an improved contrivance for communicating pressure to ensilage.
2397. 27th June. BENJAMIN THROP, of Dunedin, New Zealand, Dentist.—An invention for Throp's Pendulum-acting Drain- and Sewer-valve.
2398. 30th June. WILLIAM THOMAS OWEN, of Makirikiri, Wanganui, New Zealand.—An invention for the cure of scab, the destruction of lice and ticks in sheep, and all low organism of parasitical life.
2399. 1st July. JAMES GODFREY WARNER, of Christchurch, New Zealand, Civil Engineer.—An invention for an improvement in furnace fire-bars.
2400. 30th June. JOSEPH JAMES MACKY, of Auckland, New Zealand.—An invention for an improved form of candlestick as regards the socket and holder, to be called "The Zealandia Candlestick."
2401. 1st July. ROBERT WOOLLEY GIBBS, of Maitai Valley, in the Provincial District of Nelson, New Zealand, Cordage Factor.—An invention for a ring clamp clothes-line peg.
2402. 23rd June. JAMES JOHNSON, of Nelson, New Zealand, Carpenter.—An invention for Johnson's rapid self-testing and discharging amalgamating-pans.
2403. 2nd July. HENRY ALBERT ANDREWS, of Maheno, in the County of Moeraki, New Zealand, Commission Agent.—An invention called "The Andrews Reel-holder."
2404. 5th July. GUSTAFF DILLBERG, of Christchurch, New Zealand, Electrician.—An invention for automatic horse-shoe and horse-shoeing.
2405. 6th July. JOHN WATT, of Port Chalmers, in the Provincial District of Otago, New Zealand, Tinsmith.—An invention for a washing-machine, termed "The Boss Washer."
2406. 8th July. HENRY HUGHES, of Wellington, New Zealand.—An invention for improvements in machinery for the manufacture of paper-bags.

2407. 13th June. ROBERT BENJAMIN WILLIAMS, of Esk Street, Invercargill, New Zealand.—An invention for a combined wire strainer and fastener.
2408. 30th June. WILLIAM CHIVERS WILKINS, of Invercargill, New Zealand, Ironmonger.—An invention for heating water for circulation, to be called "The Acorn Circulating Boiler."
2409. 7th July. JAMES GODFREY WARNER and JOHN JAMES WOOLGAR, both of Christchurch, New Zealand, Mechanical Engineers.—An invention for an improvement in piston and other glands.
2410. 8th July. ALFRED WRIGHT, of Te Aroha, in the Provincial District of Auckland, New Zealand, Physician.—An invention for an improved manufacture of medicated candles and night-lights.
2411. 9th July. GEORGE CAMERON BANKS, of No. 52, Hanover Street, Edinburgh, North Britain, Solicitor.—An invention for improvements in Hansom cabs.
2412. 7th July. THOMAS BEGG, of Dunedin, New Zealand, Implement Maker.—An invention for a vulcanised rubber die or stamp.
2413. 12th July. JOHN RUTHERFORD BLAIR, of Wellington, New Zealand.—An invention for improvements in the manufacture of printing-roller composition.
2414. 8th July. JOHN MARKS, of Auckland, New Zealand, Engineer.—An invention for an improved compound steam-engine, to be known as "The Compound Capillary Engine."
2415. (L.R.) 14th July. WALTER SMYTHE BAYSTON, of No. 87, Bourke Street West, Melbourne, in the Colony of Victoria, Patent Agent.—An invention for improvements in the treatment of the flesh or material of fish, whales, and other sea animals, to obtain useful products therefrom. (C. A. Sahlstrom.)
2416. 11th July. WILLIAM KILLOUGH HAZLETT, of Limehills, in the Provincial District of Otago, New Zealand.—An invention for an improved drain plough-shoe.
2417. 12th July. FRANCIS HENRY ASBURY, of Dunedin, New Zealand, Heating and Ventilating Engineer.—An invention for an indirect wool-dryer.
2418. 13th July. WALTER GEE, of Christchurch, New Zealand, Window-blind Manufacturer.—An invention for an improved painting-machine.
2419. 15th July. CHARLES McQUEEN, of Dunedin, New Zealand, Engineer.—An invention for elevating and discharging materials from mines, bottoms of rivers, and other places, to be called "McQueen's Improved Patent Hydraulic Elevator."
2420. 16th July. ALEXANDER CHANT, Blacksmith, and ARTHUR THOMAS HENRY PATEMAN, Grazier, both of Young, in the Colony of New South Wales.—An invention for improvements in machines for excavating and removing earth.
2421. 16th July. HENRY MALCOLM CALDWELL, of Sydney, in the Colony of New South Wales, Manufacturing Chemist.—An invention for an improved deodorant and disinfectant.
2422. 16th July. FRANK ALBERT SMITH, of Steelton, in the County of Dauphin and State of Pennsylvania, one of the United States of America, Gentleman.—An invention for improvements in domestic refrigerators and apparatus for the manufacture of ice.
2423. 16th July. WILLIAM EDWARD CHAPMAN, of Marton, New Zealand.—An invention for a new composition for painting totara wood and plaster, to be named "The Star Composition Paint."
2424. 14th July. ALFRED TANE, of Invercargill, New Zealand, Auctioneer.—An invention for cancelling stamps, engraved, printed, or adhesive, upon letters and other papers, to be known as "Taine's Patent Mode of Cancellation."
2425. 16th July. JOHN MASON, of Milton, in the Provincial District of Otago, New Zealand, Engineer.—An invention for the Mason clip for securing harrow-teeth and bars in place without the aid of bolts, nuts, or screws.
2426. 16th July. JAMES CRAWFORD COOPER, and FREDERICK WALTER PATERSON, Boat-builder, both of Dunedin, New Zealand.—An invention for an improved road-engine.
2427. 19th July. JOSEPH SWANN, of Waverley, in the County of Patea, New Zealand, Engineer.—An invention for improvements in presses for wool and other materials.
2428. 19th July. CHRISTOPHER SMITH, of Wellington, New Zealand, Tinsmith.—An invention for a fire-escape or ladder, named "The Universal Fire-escape."
2429. 19th July. DONALD DONALD, of Solway, Masterton, Wairarapa, New Zealand.—An invention for a machine for falling forest trees, to be called "The Solway Bush-faller."
2430. 15th July. AXEL LEONARD FORSMAN, of Waiorongomai, Te Aroha, in the Provincial District of Auckland, New Zealand.—An invention for "Forsman's Patent Compass-hung Carriage."
2431. 15th July. JOHN CLARE, of Richmond Road, Auckland, New Zealand, Analytical Chemist.—An invention for improvements in the manufacture of soda-crystals.
2432. 16th July. HERBERT OBERLIN BROWN, of Eden Terrace, in the Provincial District of Auckland, New Zealand.—An invention for the "H.O.B." Simplex Self-locking Sash-fastener.
2433. 18th July. HENRY CORRICK, of Christchurch, New Zealand, Bootmaker.—An invention for regulating and economizing gas, to be called "Corrick's Patent Gas Economizer."
2434. 21st July. CHARLES McQUEEN, of Dunedin, New Zealand, Engineer.—An invention for dredging rivers for gold and other minerals, to be called "McQueen's Patent Universal Current Wheel-dredger."
2435. 21st July. SIDNEY SMITH, of Wellington, New Zealand, Plumber.—An invention for an improved ventilator, smoke and impure-air ejector, named "Smith's Smoke-ejector."
2436. 22nd July. GEORGE ALLMAN, of Dunedin, New Zealand. An invention for Allman's patent course-registering dial.
2437. 19th July. CHARLES BILLS, of Dunedin, New Zealand, Wireworker. An invention for an improved method of stretching wire-woven mattresses.

2438. 19th July. CHARLES BILLS, of Dunedin, New Zealand, Wireworker.—An invention for an improved method of stretching wire-woven mattresses.
2439. 22nd July. JOHN FLYNN, of Macedon, in the Colony of Victoria, State School Teacher, and JAMES FREDERICK KILBURN, of No. 15, Howitt Street, South Yarra, near Melbourne, in the said colony, Engineer.—An invention for an improved wire-strainer and key.
2440. 22nd July. LYMAN CURTIS PARKE and BENJAMIN THOMAS LACY, trading as "Parke and Lacy," of San Francisco, State of California, one of the United States of America, Machinery Manufacturers.—An invention for improvements in crushing-mills.
2441. 23rd July. WILLIAM NATHANIEL EDWARD MASON, of Wellington, New Zealand.—An invention for a combination railway-carriage door-key, ticket-nippers, and register.
2442. 21st July. JOHN FRANKLIN EUSTACE, of Okato, Taranaki, New Zealand, Farmer.—An invention for an improved method of fitting heads to casks.
2443. 20th July. STANLEY HUNTER, of Auckland, New Zealand.—An invention for an automatic Candle-shade, to be called "Hunter's Patent Automatic Candle-shade."
2444. 21st July. WILLIAM JAMES DALTON, of High Street and Vulcan Lane, in the City of Auckland, New Zealand, Civil Engineer.—An invention for a new method of preparing sausage and other casings, to be called "The Optime Patent Sausage-casings."
2445. 21st July. JOHN HEDLEY, of Heathcote, in the County of Dalhousie and Colony of Victoria, Mining Engineer.—An invention for an improved apparatus for crushing and treating ores, separating and refining metals, by the aid of electricity, to be entitled "Hedley's Patent Electric Ore and Metal Converter."
2446. 25th July. EBEN MOODY BOYNTON, of West Newbury, Massachusetts, United States of America, Gentleman.—An invention for an improved railway-system.
2447. 26th July. THOMAS DANKS, of Christchurch, New Zealand.—An invention for self-sustaining gear for hoists, crab-winchs, &c., styled "Danks's Self-sustaining Gear for Hoists, Crab-winchs, &c."
2448. 27th July. ERNEST MALTRAVERS BOLGER, of Myrtle Villa, Evelina Road, Toorak, near Melbourne, in the Colony of Victoria, Gentleman.—An invention for improved appliances for conveying railway-carriage lamps to and from the lamp-room and the train.
2449. 27th July. WILLIAM DENT PRIESTMAN and SAMUEL PRIESTMAN, of Holderness Foundry, Hull, in the County of York, England, Engineers.—An invention for improvements in motor engines operated by the combustion of hydro-carbon vapour.
2450. 29th July. ISAIAH DE ZOUCHE, M.D., of Dunedin, New Zealand.—An invention for improvements in lamps for burning combustible oils.
2451. 27th July. THOMAS MANN, Farmer, and ADOLPHUS HARRY MOORE, Commission Agent, both of Opunake, in the Provincial District of Taranaki, New Zealand.—An invention for an instrument for castrating lambs.
2452. 27th July. JOSIAH HIPKINS, of Ripton Villa, Grafton Road, Auckland, New Zealand, Iron-master.—An invention for a process to be used in the smelting of the titaniferous ironsand of New Zealand, to be called "Hipkins's Process."
2453. 27th July. EDWIN STANLEY BROOKES, of Wharehine, in the Provincial District of Auckland, New Zealand, Land Surveyor.—An invention for improvements in wire measures, to be known as "Brookes's Patent Wire Measure."
2454. 27th July. WILLIAM COOPER, of Karangahape Road, Auckland, New Zealand, Waterproof Clothing Manufacturer.—An invention for an improvement in waterproof leggings.
2455. 29th July. WILLIAM NELSON, of Tomoana, in the Provincial District of Hawke's Bay, New Zealand, Manager of the Tomoana Freezing Works, and EUGENE BOWEN, of the same place, Wool-classer.—An invention for improvements in a certain wool-drying machine, called "Bowen's Patent Improved Wool-drying Machine."
2456. 29th July. ALEXANDER GREIG, of Amberley, in the Provincial District of Canterbury, New Zealand, Builder.—An invention for Greig's Patent Sway Beater Screen.
2457. 1st August. WILLIAM STEVENSON, of Christchurch, New Zealand, Farmer.—An invention for a combined collar and hames, styled "Stevenson's Combined Collar and Hames."
2458. 2nd August. DONALD DONALD, of Solway, Masterton, Wairarapa North, New Zealand.—An invention for the Solway wire-strainer.
2459. 29th July. ELIJAH ALDIS, of Jervois Road, Ponsonby, Auckland, New Zealand, Artist.—An invention for an escape from fire, to be called "Aldis's Patent Eclipse Fire-escape."
2460. 2nd August. ELI HOWARTH, of Forth Street, Dunedin, New Zealand, Pattern-maker.—An invention for a certain eccentric movement as applied to safety-hooks, couplings, and locks, to be called "Howarth's Patent Sesame Safety-hook, Coupling, or Lock."
2461. 4th August. JAMES MILLER, of Adelaide, in the Province of South Australia, Engineer.—An invention for an improved differential pump, to be called "The Jubilee Pump."
2462. 4th August. JAMES SINDEN, of Alexandra, in the Provincial District of Auckland, New Zealand, Blacksmith, and THOMAS GOODFELLOW, of the same place, Farmer.—An invention for treating refractory and other ores, to be called "The Idioline Ore-reducer."
2463. 4th August. EDWARD DYER DOUGHERTY, of Philadelphia, Pennsylvania, United States of America, Manufacturing Engineer.—An invention for improvements in or relating to cable, rail, or tramways.
2464. WILLIAM FRANK HALL, temporarily residing at Melbourne, in the Colony of Victoria, Agent for the Hydraulic Elevator Company of Chicago in the United States of America.—An invention for improvements in and relating to elevator-cars or cages. (C. W. Baldwin.)
2465. 3rd August. JOHN BEALBY SMITH, of Waihou, in the Provincial District of Auckland, New Zealand, Farmer, and JAMES SINDEN, of Alexandra, in the said district, Blacksmith.—An invention for a gold-saving machine, to be known as "The Eureka Gold-saving Machine."

2466. (L.R.) 3rd August. JAMES FREDERICK KILBURN, of 23, Williams Road, Prahran, near Melbourne, in the Colony of Victoria, Engineer.—An invention for improvements in the manufacture of windmills, to be entitled "The Kilburn Windmill."
2467. 6th August. ALBAN DOUGLAS WELLS, of Christchurch, New Zealand.—An invention for a wire-strainer, styled "The Ryland Wire-strainer."
2468. 8th August. CHARLES McQUEEN, of Dunedin, New Zealand, Engineer.—An invention for intercepting the particles of gold which may pass from stamper-boxes, wheel-crushers, or over sluice-boxes and tail-races, to be known as "McQueen's Pyrites-separator and Gold-saver."
2469. 10th August. CARL AUGUST BERGERSEN, of Palmerston North, in the Provincial District of Wellington, New Zealand, Gunsmith, and JENS JENSEN, of Feilding, in the district aforesaid, Blacksmith.—An invention for wire-straining and wire-fastening, called "The Improved Crab-motined Wire-strainer and Wire-stopper."
2470. 8th August. FRANK OAKDEN, of New Zealand, Architect.—An invention for a simplex telephone enunciator.
2471. 11th August. FAIRLIE HAROLD TRONSON, of Wellington, New Zealand, Patent Agent.—An invention for improvements in automatic apparatus for giving warning in case of fire, to be called "Tronson's Patent Automatic Electric Fire-alarm."
2472. 12th August. EDWARD PERCY AMESBURY, D.D.S., of Masterton, Wairarapa, in the Provincial District of Wellington, New Zealand.—An invention for converting any table or other knife into a perfect tobacco-cutter.
2473. 12th August. DONALD DONALD, of Solway, Masterton, Wairarapa, in the Provincial District of Wellington, New Zealand.—An invention for "The Solway Rabbit-poisoner."
2474. 13th August. HARRY ROBERT NEWTON, of Thameside, Weybridge, Surrey, England.—An invention for improvements in sewers, drains, and cesspools.
2475. 13th August. WILLIAM FRANK HALL, temporarily residing at Melbourne, in the Colony of Victoria, Agent for the Hydraulic Elevator Company of Chicago, in the United States of America.—An invention for an electric device for operating the controlling valve of elevator engines from the car. (C. W. Baldwin.)
2476. 13th August. WILLIAM FRANK HALL, temporarily residing at Melbourne, in the Colony of Victoria, Agent for the Hydraulic Elevator Company of Chicago, in the United States of America.—An invention for improvements in and relating to elevator engines and cars. (C. W. Baldwin.)
2477. 9th August. ROBERT JENKINSON, of Howe Street, Newton, in the Provincial District of Auckland, New Zealand, Builder.—An invention for Jenkinson's patent concrete water- and drain-pipes.
2478. 10th August. ALEXANDER HARVEY, of Auckland, New Zealand, Manufacturing Tinsmith.—An invention for a box or case for the packing and preservation of cheese and other dairy produce, meats, and other condiments, to be called "The Colonial Packing-box."
2479. 10th August. ALEXANDER HARVEY, of Auckland, New Zealand, Manufacturing Tinsmith.—An invention for a refrigerator for cooling and aerating liquids, &c., to be called "The Hygeia Refrigerator."
2480. 11th August. JOHN SHREWS TALBOT, of Mercury Bay, in the Provincial District of Auckland, New Zealand, Journalist.—An invention for gathering flowers and fruit, to be called "Talbot's Flower- and Fruit-gatherer."
2481. 12th August. JOHN STALKER, of Tinwald, in the County of Ashburton, New Zealand, Farmer.—An invention for Stalker's grating check.
2482. 15th August. THOMAS WILLIAM FOSTER and DANIEL THOMAS KING, both of Carterton, Wairarapa, in the Provincial District of Wellington, New Zealand, Cabinetmakers.—An invention for a clothes-horse, to be called "The Nursery Folding Clothes-horse."
2483. 12th August. HENRY SHIRLEY LOUGH, of Amberley, in the Provincial District of Canterbury, New Zealand, Farmer.—An invention for Lough's low-level wool-press.
2484. 16th August. JAMES TYETH HART, of Wellington, New Zealand, Officer of Customs.—An invention for improvements in hydraulic steering-gear, to be called and known as "Hart's Wheel-detached Need-ratio Purchase Hydraulic Steering-gear."
2485. 15th August. JAMES ELLIOT THOMSON, of Christchurch, New Zealand.—An invention for a hop- or wool-press, to be called "The Canterbury Wool-press."
2486. 11th August. JOHN CLARE, of Richmond Road, Auckland, New Zealand, Analytical Chemist.—An invention for a soluble compound of silica suitable for coating timber, concrete, and for other purposes, to be called "Clare's Compound."
2487. 11th August. JOHN CLARE, of Richmond Road, Auckland, New Zealand, Analytical Chemist.—An invention for better regulating the pressure and supply of gas and improving the illuminating power thereof, to be called "Clare's Regulator."
2488. 15th August. THOMAS HAIN HODGE, of Port Chalmers, in the Provincial District of Otago, New Zealand, Master Mariner.—An invention for a wind-deflector attachment to street-lamps.
2489. 16th August. WILLIAM MATTHEWS TAYLOR, of Ashburton, in the Provincial District of Canterbury, New Zealand, Carpenter.—An invention for Taylor's improved fire-escape.
2490. 18th August. JAMES MCGOVERN, of Sydney, in the Colony of New South Wales, Engineer.—An invention for improvements in machinery for drying and pulverising certain materials, such as the waste of slaughterhouses, fœcal matter, &c.
2491. 20th August. DONALD DONALD, of Solway, Masterton, Wairarapa, in the Provincial District of Wellington, New Zealand.—An invention for the Solway hurricane spray-nozzle.

2492. 16th August. JOHN CLARE, of Richmond Road, Auckland, New Zealand, Analytical Chemist, and HENRY FELLOWES HORROCKS, of Richmond Road aforesaid, Gentleman.—An invention for an improved fuel, to be called "Duolite."
2493. 17th August. HENRY CHAMBERLIN, of Parnell, Auckland, New Zealand, Gentleman.—An invention for a rabbit-exterminator.
2494. 23rd August. THOMAS BALLINGER, of 17, Willis Street, Wellington, New Zealand, Plumber.—An invention for the Empire patent self-acting water-flush, for water-closets, urinals, and other purposes.
2495. 23rd August. DAVID MITCHELL, of Stafford Street, in the City of Wellington, New Zealand, Marine Engineer.—An invention for an improved apparatus for cutting glass tubes.
2496. 19th August. WILLIAM SERVICE, of Auckland, New Zealand, Box-manufacturer.—An invention for the safe conveyance of parcels through the post, to be called "Service's Patent Parcel-post Box."
2497. 16th August. JAMES IBBS LAWSON, of Invercargill, New Zealand, Civil Engineer, and ALBERT EDWARD ORANGE, of Riverton, New Zealand, Railway Inspector.—An invention for weeding the ballast on railways, to be called "The Railway-track Weeding-machine."
2498. 22nd August. ROBERT COCKERELL, of Invercargill, New Zealand, Blacksmith.—An invention for an improved tripod harrow.
2499. 23rd August. WALTER BLAKE, of Christchurch, New Zealand.—An invention for making soap, to be known as "Blake's Kerosene Soap."
2500. 23rd August. WALTER BLAKE, of Christchurch, New Zealand.—An invention for making soap, to be known as "Blake's Ammonia and Kerosene Washing Compound."
2501. 27th August. FREDERIC ARTHUR HALSEY, of North Farrytown, County of Westchester, State of New York, United States of America, Mechanical Engineer.—An invention for improvements in rock-boring or drilling machines, to be known as "The Slugger Rock-drill."
2502. 27th August. MARIE AUGUSTIN DESPEISSIS, of Barkly Street, St. Kilda, in the Colony of Victoria, Sugar Manufacturer.—An invention for improved means for increasing the draught and consuming the smoke from steam-boilers.
2503. 27th August. JULES WEIRICH, of Béziers Hérault, in the Republic of France, Engineer.—An invention for improvements in the treatment of auriferous minerals.
2504. 27th August. WILLIAM HARPER, of No. 12, Flinders Lane East, in the City of Melbourne and Colony of Victoria, Merchant.—An invention for improvements in gas-engines. (J. Atkinson.)
2505. 27th August. GEORGE FINCHAM, of Bridge Road, Richmond, in the Colony of Victoria, Organ-builder.—An invention for improvements in the construction of organs.
2506. 27th August. GEORGE FINCHAM, of Bridge Road, Richmond, in the Colony of Victoria, Organ-builder.—An invention for improvements in the manufacture of wind-organs. (R. Hunter.)
2507. 22nd August. DAVID RANKEN SHIRREFF GALBRAITH, of Auckland, New Zealand, Analytical and Consulting Chemist.—An invention for Galbraith's simoon iron oxide deoxidising furnace."
2508. 22nd August. GEORGE TRACEY STEVENS, of Auckland, New Zealand.—An invention for reefing sails, to be called "The Sureefer."
2509. 18th August. CHARLES HEATH, of Auckland, New Zealand, Engineer.—An invention for regulating the pressure of gas through the meter, to be called "Heath's Patent Gas-saving Gauge."
2510. 27th August. HENRY FANCOURT, of Dunedin, New Zealand, Settler.—An invention for washing clothes, called "The Handy Washer."
2511. 27th August. WILLIAM ADAMSON BRAMLEY, of Kaeo, Whangaroa, in the Provincial District of Auckland, New Zealand, Contractor. An invention for an adjustable saw-handle, to be called "Bramley's Patent Adjustable Saw-handle."
2512. 30th August. RICHARD HENRY ASHTON, of Christchurch, New Zealand, Locomotive-driver, and HERBERT JAMES CUNNINGTON, of Christchurch aforesaid, Mechanical Engineer.—An invention for a complete locking apparatus, intended to be used in conjunction with the present system of signalling railway-trains, now called "the block system," thereby rendering the present block system absolutely safe and secure, preventing the possibility of two trains being on one section or block at the same time, and applicable to either single or double line of railway, and to be called "Ashton and Cunnington's Patent Electric Lock Signal Apparatus."
2513. 30th August. WILLIAM NICHOLAS, of Waimate, in the Provincial District of Canterbury, New Zealand, Farmer.—An invention for "The Nicholas Combined Drill and Disc-harrow."
2514. 1st September. CARL GUSTAF PATRIK DE LAVAL, M.A., of 14, Master Samuelszatan, Stockholm, in the Kingdom of Sweden, Engineer.—An invention for improved centrifugal apparatus that can be operated by hand for separating substances of different gravities, such as milk and cream.
2515. (L.R.) 31st August. LA MARCUS ADNA THOMPSON, of the City and County of Philadelphia, in the State of Pennsylvania, United States of America, Manufacturer.—An invention for improvements in gravity switch-back railways.
2516. 29th August. JOHN CLARE, of Richmond Road, Auckland, New Zealand, Analytical Chemist. An invention for cement slabs or tiles applicable to construction.
2517. 29th August. JOHN CLARE, of Richmond Road, Auckland, New Zealand, Analytical Chemist.—An invention for an improved method of packing caustics or deliquescent or perishable material or things.

2518. 31st August. JOHN CHAMBERS, of Auckland, New Zealand, Ironmonger, and DAVID RANKEN SHIRREFF GALBRAITH, of the same place, Analytical Chemist.—An invention for the roasting of ores of the precious metals by means of the mechanical furnace known as “Galbraith’s Simoon Iron Oxide Deoxidising Furnace,” to be called “The Simoon Roasting Furnace.”
2519. 3rd September. EDWARD PERCY AMESBURY, of Masterton, in the Provincial District of Wellington, New Zealand.—An invention for cleaning tobacco-pipe stems and other small tubes.
2520. 3rd September. JAMES TANNER, of Te Puke, in the County of Tauranga, New Zealand, Wheelwright and Carpenter.—An invention for a wire-strainer, to be called “The Elfin Wire-strainer.”
2521. 3rd September. THOMAS COTTLE, of Cust, in the Provincial District of Canterbury, New Zealand.—An invention for the improvement of my patent medicines, known under the title “The Colonial Cure.” The improved medicines to be entitled “Cottle’s Colonial Cure.”
2522. 30th August. WALTER JAMES DENNIS, of Hewitt’s Road, in the Borough of St. Albans, in the Provincial District of Canterbury, New Zealand, Cabinetmaker.—An invention for the use of musicians, &c., to be called “Dennis’s Improved Movable Music-desk.”
2523. 6th September. RICHARD MAXTED, Blacksmith, and WILLIAM WHIDDEN HOLFORD, Engineer, of the firm of Maxted and Holford, of Masterton, Wairarapa, New Zealand.—An invention for an improved screw-wrench, to be called “The Simplex Grip.”
2524. 6th September. RICHARD MAXTED, Blacksmith, and WILLIAM WHIDDEN HOLFORD, Engineer, of the firm of Maxted and Holford, of Masterton, Wairarapa, New Zealand.—An invention for a combined bustle and seat, to be called “The Victoria Jubilee Bustle.”
2525. 6th September. RICHARD MAXTED, Blacksmith, and WILLIAM WHIDDEN HOLFORD, Engineer, of the firm of Maxted and Holford, of Masterton, Wairarapa, New Zealand.—An invention for an improved slide for cross-head of steam, marine, stationery, and locomotive engines, to be called “Holford’s Patent Roller-slide.”
2526. 1st September. JABEZ HAY, of Invercargill, New Zealand, Engineer.—An invention for automatically draining the condensed water from steam-pipes.
2527. 6th September. GEORGE MASSEY, of Bond Street, in the City of Sydney and Colony of New South Wales, Consulting Engineer.—An invention for improvements in dry-earth closets.
2528. 6th September. CHARLES EMILE PONDER, of Enmore, near Sydney, in the Colony of New South Wales, Electrician, and JOHN MACGREGOR and PHILIP HARRIS, both of Sydney aforesaid, Ironmongers and Manufacturers.—An invention for an improvement in electrical secondary batteries.
2529. 6th September. CARL WAGEMANN, of No. 5, Queen Street, Melbourne, in the Colony of Victoria, Consulting Engineer.—An invention for improvements in railway-sleepers. (E. Schmidt.)
2530. 5th September. REGINALD BAYLEY, of New Plymouth, New Zealand, Draftsman.—An invention for straining wire.
2531. 6th September. THOMAS HAIN HODGE, of Port Chalmers, in the Provincial District of Otago, New Zealand, Master Mariner.—An invention for a non-explosive improved long-wick tube for kerosene lamps.
2532. 8th September. JOHN DAVID MCKEAN, of Devonport, in the Provincial District of Auckland, New Zealand.—An invention for improvements in wool-opening machinery.
2533. 6th September. ROBERT NEWTON VANES, of Dunedin, New Zealand, Medical Electrician.—An invention for an improved electric battery, to be called “Vanes’s Medical Battery.”
2534. 8th September. EDWARD BUTCHER, of Rangiora, New Zealand, Watchmaker.—An invention for giving alarm in case of fire, to be called “Butcher’s Automatic Fire-alarm.”
2535. 8th September. JOHN HALE, of Nelson, New Zealand, Nursery Gardener.—An invention for the better growing of grapes, to be called “Hale’s Patent Ground Vinery.”
2536. 12th September. EDWARD THORNTON BLUNT, of Blaby Hill, near Leicester, England, Farmer.—An invention for improvements in apparatus for compressing ensilage.
2537. 10th September. DANIEL MCKAY, of Rangiora, in the Provincial District of Canterbury, New Zealand, Tinsmith.—An invention for McKay’s Patent Toasting-fork.
2538. 14th September. HERMAN FINSCH, of Norsewood, in the Provincial District of Hawke’s Bay, New Zealand.—An invention for an ensilage hay-compressor.
2539. 14th September. JAMES WELMAN, of Poole, in the County of Dorset, England, and now residing at Alexandra South, in the Provincial District of Otago, New Zealand, Engineer.—An invention for an improved method of hydraulic dredging.
2540. 14th September. IGNATIUS SINGER, of Adelaide, in the Province of South Australia, Chemist, and MORITZ WOLFF JUDELL, of Adelaide aforesaid, Importer.—An invention for an improved process for cleansing wool and other products, applicable also to the extraction of oils and similar purposes, together with an apparatus for carrying the same into effect.
2541. 10th September. JOHN LANGFORD CRUMPE, of Beach Road, Devonport, in the Provincial District of Auckland, New Zealand.—An invention for a trap or contrivance for catching fish, birds, animals, &c., to be called “Crumpe’s Patent Trap.”
2542. 16th September. JOHN RAYDEN BINGLE, Gentleman, and ARTHUR GIBSON BLOMFIELD, Gentleman, both of Sydney, in the Colony of New South Wales.—An invention for an improved process for the extraction of gold, silver, and other metals from ferri-ferous ores containing same.
2543. 13th September. MOSES BATE, of Parnell, Auckland, New Zealand, Millwright.—An invention for the universal gravity purifier and separator machine.

2544. 13th September. THOMAS DOBBIE, of Dunedin, New Zealand, Engineer, and MYER LEVINSON, of Auckland, New Zealand, Gentleman.—An invention for sifting cinders from ashes, coals from dross, stones from gravel, gravel from sand, &c., to be known by the name of "The Duplex Shovel."
2545. 13th September. THOMAS DOBBIE, of Dunedin, New Zealand, Engineer, and MYER LEVINSON, of Auckland, New Zealand, Gentleman.—An invention for a seed-cleaner, to be called "The Dobbie and Levinsohn Seed-cleaner."
2546. 13th September. EDMOND JULIEN, of Brussels, in the Kingdom of Belgium, Engineer.—An invention for improvements in electric batteries.
2547. 17th September. ALBERT DAWSON, of Manaia, in the Provincial District of Taranaki, New Zealand, Engineer, and GEORGE MUIR, of the same place, Engineer.—An invention for straining the wires of fences, to be known as "Dawson and Muir's Improved Wire-strainer."
2548. 16th September. WALTER GREENSHIELDS, of Auckland, New Zealand, Bracist.—An invention for drinking, to be called "The Jubilee Effervescing Tumbler."
2549. 15th September. FREDERICK NELSON JONES, of Nelson, New Zealand.—An invention for a hinged D attachment to buckles, to be called "Jones's Improved Dog-collar Buckle."
2550. 20th September. GEORGE MAIDEN, of Sydney, in the Colony of New South Wales, Stock and Station Agent.—An invention for an improved appliance for opening and closing gates at some distance from them.
2551. 20th September. FREDERICK McARTHUR, of Victoria Parade, in the City of Melbourne and Colony of Victoria, Rabbit-trapper.—An invention for an improved apparatus for trapping rabbits.
2552. 17th September. CHARLES BERTRAM LESTER, of Mount Roskill Road, in the City of Auckland, New Zealand, Carpenter and Joiner.—An invention for washing clothes, to be known as "The Mistress Washer."
2553. 21st September. WILLIAM GRIERSON, of Clifton, Waimate, in the Provincial District of Canterbury, New Zealand, Shepherd.—An invention for the cure of distemper in dogs, to be entitled "Grierson's Antidote for Distemper in Dogs."
2554. 21st September. JACOB HERTZ, of the City of London, England, Merchant's Agent.—An invention for improvements in envelopes and in note-paper or other paper, or cards used or combined therewith.
2555. 20th September. ROBERT CALDWELL, of New Plymouth, New Zealand, Surveyor.—An invention for straining wire.
2556. 22nd September. JAMES ROCHFORD, of Napier, in the Provincial District of Hawke's Bay, New Zealand.—An invention for Rochford's improved automatic flushing-syphon.
2557. 19th September. JOSEPH JAMES SANDERSON, of Kingsland, in the County of Eden, New Zealand.—An invention for holding reels, to be called "Sanderson's Bobbinette or Reel-holder."
2558. 20th September. JOHN CLARE, of Richmond Road, Auckland, New Zealand, Analytical Chemist.—An invention for a new manurial, decomposing, resolvent, and repellent compound, to be called "The Horrocks Resolvent."
2559. 23rd September. ALEXANDER MAXWELL, of Timaru, in the Provincial District of Canterbury, New Zealand, Saddler.—An invention for improvements for reducing, by means of spring pads, the friction caused by the drawing or sustaining of any load or weight, to be called "Maxwell's Spring Pads (assorted)."
2560. (L.R.) 22nd September. RICHARD KELLY and JAMES BENJAMIN BREWSTER, both of the City, County, and State of New York, in the United States of America.—An invention for an improvement in centrifugal amalgamators.
2561. 28th September. JAMES BARRIE, of Ingham Road, near Townsville, in the Colony of Queensland, Engineer, and JOHN BAPTIST LOUIS ISAMBERT, of Brisbane, in the said colony, Gentleman.—An invention for the Jubilee continuous grinding, amalgamating, and concentrating machine.
2562. 29th September. FREDERICK WILLIAM CHEETHAM, of 131, Great Norbury Street, Hyde, in the County of Chester, England, Hat Manufacturer.—An invention for improvements in the manufacture of felt hats, caps, and other head coverings, and in the apparatus employed in such manufacture.
2563. 30th September. ROBERT NORRIE COWAN and ROBERT ARCHIBALD HEARN, of the firm of Cowan and Hearn, of Wellington, New Zealand, Plumbers.—An invention for an improved hydraulic water-motor.
2564. 30th September. HARRY ARCHIBALD DE LAUTOUR, of Oamaru, New Zealand, Surgeon.—An invention for a new or improved form of tent, to be called "The Patent Ribbed Tent."
2565. 3rd October. MAXMILLIAN JOSEPH HARTUNG, of Botany, near Sydney, in the Colony of New South Wales, Chemist, and WILLIAM GALLAGHER, of Sydney aforesaid, Contractor.—An invention for an improvement in the manufacture of lubricating oils and greases.
2566. 3rd October. FRANCIS HENRY ASBURY, of Dunedin, New Zealand.—An invention for an atmospheric ventilating swing-cowl.
2567. 4th October. JAMES SLOANE, of Bannockburn, in the County of Vincent, New Zealand, Miner.—An invention for a hydraulic force and suction elevator. (Refused.)
2568. 5th October. EDWARD PARK, of Wellington, New Zealand Saddler.—An invention for propelling ships and boats, called "The Combined Screw- and Paddle-propeller."
2569. 5th October. JAMES LANCASTER, of Whareama, in the Provincial District of Wellington, New Zealand.—An invention for an improved oil soap for preparing wool.
2570. 5th October. JAMES LANCASTER, of Whareama, in the Provincial District of Wellington, New Zealand.—An invention for improvements in machinery for preparing wool.

2571. 5th October. WILLIAM RECHAB PARKER, of Christchurch, New Zealand, Builder.—An invention for an improved oven for the use of bakers and others, to be called "Parker's Patent Koppa Maori."
2572. 6th October. EVAN ROWLANDS, of No. 116, Collins Street West, in the City of Melbourne and Colony of Victoria, Aërated-water Manufacturer.—An invention for an improved apparatus for bottling aërated waters, principally for counter use.
2573. 6th October. MIKAEL PEDERSEN and JENS NIELSEN, both of Roeskilde, Denmark, Manufacturers.—An invention for improvements in the mounting of the container in centrifugal separators and similar centrifugal machines on its spindle.
2574. 4th October. THOMAS BURD, C.E., and FRANK RUSDEN, Bricklayer, both of Auckland, New Zealand.—An invention for the restoration of sight, and curing weak eyes, shortsightedness, soreness of lids, &c., to be called "Burd and Rusden's Patent Sight-restorer."
2575. 5th October. WILLIAM BARRON MANLEY, of Dunedin, New Zealand, Contractor.—An invention for Manley's asphalt top-dresser.
2576. 4th October. ROBERT FERDINAND LÖFFLER, of Nelson Street, Auckland, New Zealand.—An invention for a produce-preserver.
2577. 10th October. FRANK OAKDEN, of Dunedin, New Zealand, Architect.—An invention for a rabbit tilt-trap.
2578. 11th October. ROBERT COCKERELL, of Invercargill, New Zealand, Blacksmith.—An invention for flexible zigzag axles for disc-harrows.
2579. 15th October. GEORGE MACFARLANE, of Paterangi, in the Waipa County and Provincial District of Auckland, New Zealand.—An invention for cast-iron central straining wire-fence rollers.
2580. 13th October. STANHOPE EDWARD COOPER, of Napier, New Zealand, Watchmaker.—An invention for an improvement in sheep-shears.
2581. 17th October. NICHOLAS PRICE CARVER, of Randwick, Sydney, in the Colony of New South Wales, Engineer.—An invention for an improved method of fishing from the shore, entitled "Gravity Fishing."
2582. 17th October. CHARLES HENRY WREFORD, of Moorara Station, near Pooncaira, in the Colony of New South Wales, Grazier.—An invention for improvements in the destruction of rabbits.
2583. 17th October. CHARLES FRANÇOIS MARIE THÉRÈSE LANTIGUE, of 64 (bis), Quai de Seine, Courbevoire, near Paris, in the Republic of France, Engineer.—An invention for improvements in single-rail elevated railways and vehicles therefor.
2584. 17th October. ALEXANDER PARKES, of 8, Chancellor Road, Dulwich, in the County of Surrey, England, Gentleman.—An invention for improvements in extracting gold, silver, and other metals from ores or compounds containing the same.
2585. 17th October. FRANK WYNNE, of 7, Carteret Street, in the City of Westminster, in the County of Middlesex, England, Civil Engineer.—An invention for improvements in the application of electricity to vehicles on tram and railways, and in the apparatus for effecting the same.
2586. 14th October. WILLIAM HOULKER, of Collingwood Street, Nelson, New Zealand, Vinegar-maker.—An invention for improved apparatus for the manufacture of vinegar.
2587. 18th October. THOMAS WILLIAM WATSON, of St. Arnaud, in the Colony of Victoria, Engineer, and THOMAS DENNY, of 93, Chapel Street, South Yarra, in the said colony, Mining Engineer.—An invention for an improved concentrator for metalliferous material.
2588. 18th October. THOMAS WILLIAM WATSON, of St. Arnaud, in the Colony of Victoria, Engineer, and THOMAS DENNY, of 93, Chapel Street, South Yarra, in the said colony, Mining Engineer.—An invention for improvements in combined grinding, classifying, and amalgamating machines.
2589. 18th October. CECIL NOBLE and HUBERT HAES, of 3, Newman Mews, Newman Street Oxford Street, London, in the County of Middlesex, England, Engineers, and GEORGE LENTON ROFF, of 32, Norfolk Street, Strand, London, aforesaid, Civil Engineer.—An invention for a new or improved sewing-machine.
2590. 15th October. HENRY DUNSTAN VAVASOUR, of Flaxbourne, New Zealand.—An invention for a wire-strainer.
2591. 20th October. EDMOND JULIEN, of Brussels in the Kingdom of Belgium, Engineer.—An invention for an improved system of electric traction and apparatus therefor.
2592. 21st October. JAMES MILLER, West Terrace North, in the City of Adelaide and Province of South Australia.—An invention for an improved steam-engine cylinder and valve.
2593. 21st October. EDWARD IVES, of Kingston, in the Province of South Australia, Blacksmith.—An invention for an improved shaft-jack or coupling for shafts and poles.
2594. 17th October. FRANCIS WARTON, of Wellington Street, in the City of Auckland, New Zealand.—An invention for refrigerating, to be called "Warton's Refrigerator."
2595. 19th October. JAMES HOLMES, of Devonport, Auckland, New Zealand, Ship-builder.—An invention for an automatic compound cover for provisions and liquids, for protecting provisions and liquids from flies and dirt.
2596. 20th October. SIMON KEIR MARTIN, of Oamaru, New Zealand, Machinist.—An invention for increasing the speed of bicycles, to be known as "Martin's Bicycle Speed-increaser."
2597. 22nd October. HENRY ABEL FLATMAN, of Southbrook, in the Provincial District of Canterbury, New Zealand, Engineer, and JAMES SEED, of the same place, Ropemaker.—An invention for suspending and preventing rattle of railway and tram-car windows, to be called "The Reliance automatic window-cramp."

2598. 24th October. GEORGE IRVING, of Whangaroa North, in the Provincial District of Auckland, New Zealand, Saw-doctor.—An invention for catching rats or mice, to be called "The Self-setter."
2599. 25th October. WALTER COLE, of Adelaide Road, in the City of Wellington, New Zealand, Architect.—An invention for Cole's Patent Roller-skate Check.
2600. 22nd October. HENRY CHAMBERLAIN, of Ellesmere, in the Provincial District of Canterbury, New Zealand, Farmer, and WILLIAM ANDREWS and ARTHUR WARD BEAVEN, of Christchurch, New Zealand, carrying on business in copartnership as Engineers.—An invention for an improvement in chaff-cutters.
2601. 26th October. ALEXANDER LAGERMAN, of Jöhnköping, in the Kingdom of Sweden, Gentleman.—An invention for improvements in type-setting or composing apparatus.
2602. 26th October. DUGALD McLELLAN, of Gogelderie, Narrandera, New South Wales, Boundary-rider.—An invention for the extermination of rabbits, entitled "The Poacher Rabbit-trap."
2603. 26th October. NOWELL HENRY RICHARDS, of Richmond, in the Colony of Victoria, Engineer.—An invention for improvements in the grip and brake-gear of cable tram-cars.
2604. 26th October. CHARLES McQUEEN, of Dunedin, New Zealand, Engineer.—An invention for raising water from rivers, to be known as "McQueen's Patent Current-wheel Water-elevator."
2605. 27th October. JAMES COVENTRY, of Wellington, New Zealand, Tinsmith.—An invention to be termed and known as "James Coventry's Patent Granular Carbon Deodoriser."
2606. 28th October. GEORGE ALLMAN, of Dunedin, New Zealand, Master Mariner.—An invention for improvements in life-saving rafts.
2607. 26th October. DAVID EGLIN, of Bruce Street, Roslyn, in the Provincial District of Otago, New Zealand, Lace-cutter.—An invention for a machine for cutting belt-thongs and laces, or dividing any material into strips of any width, to be known as "The Lightning Lace-cutter."
2608. 28th October. FRIEDRICK AUGUST FISCHER, of Napier, New Zealand, Engineer.—An invention for the Triumph hand-thrashing Machine.
2609. 29th October. GEORGE ALBERT RITSON, of Wellington, New Zealand, Mechanical Engineer.—An invention for a rotatory motor engine, worked by direct action of either water or steam.
2610. 29th October. THOMAS GARLAND, of Wellington, New Zealand, Tinsmith.—An invention for a lawn-tennis marker. (F. J. Berry, jun.)
2611. 25th October. SAMUEL JICKELL, of Auckland, New Zealand, Engineer.—An invention for firing land and marine steam-boilers, and every description of metallurgical furnace, brick and pottery kilns, &c., with gaseous fuel, to be called "The Jickell Patent Gas-producer."
2612. 26th October. JOHN CASWELL, of Ponsonby, Auckland, New Zealand, Cabinetmaker.—An invention for an improved incubator, to be called "Caswell's Improved Incubator."
2613. 28th October. CHARLES LEVY, of Nelson, New Zealand, Labourer.—An invention or discovery for the destruction of rabbits.
2614. 29th October. ALEXANDER MAXWELL, of Timaru, in the Provincial District of Canterbury, New Zealand, Saddler.—An invention for preventing the chafing or friction of back-bands and shaft-tugs of harness-saddles, to be called "Maxwell's Everlasting Back-bands and Shaft-tugs."
2615. 1st November. HENRY SUTTON, of Ballarat, in the Colony of Victoria, Music-seller.—An invention for an improved process of converting a photographic image on a gelatine surface into a relief or intaglio printing surface.
2616. 29th October. WILLIAM JOHNS, of Te Awamutu, in the Provincial District of Auckland, New Zealand, Farmer.—An invention for weeding gardens and other cultivations, to be called "Johns's Patent Weeder."
2617. 1st November. GEORGE JOHNSON, of Cobden, in the Provincial District of Nelson, New Zealand, Architect.—An invention for a washing-machine, to be entitled "The Jubilee Washer, Johnston's Patent."
2618. 1st November. HUGH MAINLAND, of Otautau, Southland, in the Provincial District of Otago, New Zealand, Builder.—An invention for straining wire fences, to be called "The Dwarfie Wire-strainer."
2619. 4th November. JOHN HARDCASTLE, of Napier, New Zealand, Journalist.—An invention for a means of filing or binding together multi-page newspapers, or for any similar work, to be called "The A1 Weekly-paper Binder."
2620. 4th November. JAMES GRAY, of Dunedin, New Zealand, Agricultural Implement Manufacturer.—An invention for an improved wire-strainer, to be called "The Atlas Permanent Wire-strainer."
2621. 4th November. JAMES WILLIAM FAULKNER, of North-east Valley, Dunedin, New Zealand, Smith and Wireworker.—An invention for diagonal flexible wire sheep-netting.
2622. 7th November. WILLIAM FITZGERALD CRAUFORD, of Gisborne, New Zealand.—An invention for a billiard table of new design, to be called "The Entering Angle Billiard Table."
2623. 7th November. CHARLES McQUEEN, of Dunedin, New Zealand, Engineer.—An invention for conveying water under pressure, to be used for motive-power and other purposes, to be known as "McQueen's Adjustable Conduit."
2624. 8th November. ROBERT GEORGE MARSH, of Wellington, New Zealand, Printer.—An invention for an improved folding attachment for printing-machines.
2625. (L.R.) 5th November. THE ROBURITE EXPLOSIVES COMPANY (LIMITED), of 59, Old Broad Street, in the City of London, England.—An invention for improvements in the manufacture of explosives.

2626. (L.R.) 5th November. GEORGE DEXTER WHITCOMB, of Alosta, County of Los Angeles, and State of California, one of the United States of America, Mining Engineer.—An invention for improvement in coal-mining machines.
2627. 10th November. JAMES HAZEL ADAMSON, of Melbourne, in the Colony of Victoria, Engineer.—An invention for improvements in and connected with belts or straps for transmitting motion.
2628. 10th November. GEORGE EDWARD PETTETT, of Miamia, near Kyneton, in the Colony of Victoria, Grazier.—An invention for an improved branding tool, principally applicable for marking sheep and merchandise.
2629. 10th November. EDWARD WATERS, of No. 75, Chancery Lane, Melbourne, in the Colony of Victoria, Patent Agent.—An invention for improvements in sheaf-binding harvesters. (R. Hornsby and Sons (Limited).
2630. 7th November. HENRY WILLIAM FRANCIS, of Tennyson Street, Surrey Hills, Auckland, New Zealand.—An invention for a combined night-light and food-heater for infants.
2631. 8th November. THOMAS HAWKE, of Pukekawa, near Tuakau, in the Provincial District of Auckland, New Zealand.—An invention for improvements connected with the transport of cattle by shipping, to be called "Hawke's Patent Cattle Shipping and Protecting Process."
2632. 12th November. WILLIAM EDWARD CHAPMAN, of Marton, in the Provincial District of Wellington, New Zealand, Painter.—An invention for improvements in sash-fasteners.
2633. 10th November. THOMAS BROWN CRAWSHAW, of 218, Gloucester Street, Christchurch, New Zealand, Accountant.—An invention for turning over the leaves of music from the keyboard of piano or other musical instrument, to be called "Crawshaw's Feuilletteur."
2634. 10th November. JOHN DURWARD, of Christchurch, New Zealand.—An invention for a steering-gear lock for traction or other engines, to be called "Durward's Patent Steering-gear Lock."
2635. 11th November. FRANCIS HENRY ASBURY, of Dunedin, New Zealand, Engineer.—An invention for evaporating appliances for manufacturing condensed or preserved milk.
2636. 14th November. WALTER SWINBURNE, of Hawera, in the Provincial District of Taranaki, New Zealand.—An invention for an improved ladies' hygienic suspensary bandage.
2637. 14th November. WALTER SWINBURNE, of Hawera, in the Provincial District of Taranaki, New Zealand.—An invention for a self-flushing water-tank, for the purpose of cleaning the floor of the tank without disturbing the clean water above.
2638. 15th November. RICHARD HENRY ARTHUR, of Brook Street, Inglewood, in the Colony of Victoria, Mining Manager.—An invention for an improved means for counterbalancing the haulage ropes and cages in mining and other shafts.
2639. 11th November. ROBERT FAIRCLOTH FLOOD, of Mangawhare, in the Provincial District of Auckland, New Zealand, Saddler.—An invention for exterminating rabbits, to be called "Flood's Patent Rabbit-extermiator."
2640. 11th November. JOSIAH HOULDGATE, of Brighton Road, Parnell, Auckland, New Zealand, Manufacturer of Washing-paste.—An invention for the new washing-paste.
2641. 16th November. WILLIAM LAMPLOUGH, of Westport, New Zealand.—An invention for improvements in apparatus for catching rabbits.
2642. 14th November. GEORGE TINNISWOOD SHILTON, of Greymouth, New Zealand, Watchmaker.—An invention for economizing the consumption of gas and adding to its illuminating powers, to be called "Shilton's Gas-economizer."
2643. 16th November. HENRY JAMES RANGER, of Christchurch, New Zealand, Engineer.—An invention for an improved hedge-cutter, to be called "Ranger's Improved Hedge-cutter."
2644. 18th November. PHILLIP DIEHL, of Elizabeth, State of New Jersey, United States of America, Mechanical Engineer.—An invention for improvements in sewing-machines.
2645. 18th November. PHILIP DIEHL, of Elizabeth, State of New Jersey, United States of America, Mechanical Engineer.—An invention for improvements in sewing-machines.
2646. 18th November. WILLIAM EDWARD RICKARD, of London, in the County of Middlesex, England, Engineer.—An invention for an improved tree-felling machine.
2647. 16th November. JAMES BARKER ROBIE, Carpenter, FREDERICK HAMILTON JACKSON, Clerk, and SAMUEL WESLEY JACKSON, Boot Importer, all of New Plymouth, New Zealand.—An invention for the vertical washing, wringing, and mangling machine.
2648. (L.R.) 18th November. EDWIN WARREN TUCKER, of corner of Point Lobos and Eleventh Avenues, in the City and County of San Francisco and State of California, one of the United States of America, Mechanical Engineer.—An invention entitled "Improvements in Hot-air Bridge-walls for Furnaces."
2649. 15th November. ARTHUR CHARLES ATKIN, of Eden Terrace, Auckland, New Zealand, Carriage Manufacturer.—An invention for writing, to be known as "Atkin's Eclectic Imperishable Writing."
2650. 16th November. THOMAS HARVEY COPEMAN and JAMES CLEGG, of Grey Street, Auckland, New Zealand, Perambulator Manufacturers.—An invention for shading perambulators, to be known as "The Patent Double- or Single-folding Awning for Perambulators."
2651. 16th November. ROBERT SCHOFIELD, of Princes Street, Onehunga, in the Provincial District of Auckland, New Zealand, Dyer and Cleaner.—An invention for egg-producing food, to be called "Schofield Egg-producing Food."
2652. 15th November. HUGH MAINLAND, of Otautau, Southland, New Zealand, Builder.—An invention for tightening wire fences and other wires, to be called "The Boss Wire-strainer."
2653. 17th November. WILLIAM NICHOLAS, of Waimate, in the Provincial District of Canterbury, New Zealand, Farmer.—An invention for improvements in the Nicholas combined drill and disc-harrow.

2654. 18th November. WALTER BAYNE, of Auckland, New Zealand, Cabinetmaker.—An invention for removing dents and bruises from spirit and beer measures, to be called "Bayne's Spirit and Beer Pewter-measure Adjuster."
2655. 19th November. JOHN ROSE, of Caversham, in the Provincial District of Otago, New Zealand, Mariner.—An invention for a life-saving raft and apparatus, to be styled "Rose's Life-saving Raft and Apparatus."
2656. 23rd November. GEORGE MILES, of Alexandra, in the Provincial District of Auckland, New Zealand, Blacksmith.—An invention for an iron post-stay.
2657. 23rd November. THOMAS HAIN HODGE, of Port Chalmers, in the Provincial District of Otago, New Zealand, Master Mariner.—An invention for a self-acting till-lock.
2658. 25th November. WILLIAM JOSEPH ROEBUCK, of Blackstone Hill, in the Provincial District of Otago, New Zealand, Engineer.—An invention for an improved circular wool-washing machine.
2659. 25th November. GEORGE MARLEY, of Springfield, in the Provincial District of Canterbury, New Zealand, Blacksmith.—An invention for Marley's patent oven.
2660. 25th November. GEORGE MAIDEN, of Sydney, in the Colony of New South Wales, Stock and Station Agent.—An invention for improvements in catches or latches for gates.
2661. 25th November. ALBERT DAWSON, of Mittagong, in the Colony of New South Wales, Store-keeper.—An invention for an improved tap or valve specially applicable for sheet-metal vessels.
2662. 25th November. JAMES LAWRENCE, of Chiswick, near Sydney, in the Colony of New South Wales, Engineer.—An invention for improved apparatus for signalling the noncontinuity of the pressure or vacuum in brakes of railway-trains.
2663. 26th November. EDWIN HILLARD CREESE, of Wellington, New Zealand.—An invention for an improved package for the preservation of butter or other alimentary substances.
2664. 23rd November. RICHARD ROBERT HUNT, Contractor, and HENRY JOSEPH CARSON, Analytical Chemist, both of Auckland, New Zealand.—An invention for the patent metallurgical furnace.
2665. 25th November. THOMAS TAYLOR MASEFIELD, Ironfounder, and JOHN RIPPON VAILE, Land Agent, both of Auckland, New Zealand.—An invention for the construction of mops, &c., consisting of an improved handle and holder, to be called "The Everlasting Mop."
2666. 25th November. THOMAS TAYLOR MASEFIELD, Ironfounder, and JOHN RIPPON VAILE, Land Agent, both of Auckland, New Zealand.—An invention for holding brushes and similar articles, to be called "The Universal Brush-holder."
2667. 25th November. THOMAS TAYLOR MASEFIELD, Ironfounder, and JOHN RIPPON VAILE, Land Agent, both of Auckland, New Zealand.—An invention for a mop-wringer and soap-box, to be called "The Boss House-cleaner."
2668. 29th November. DONALD DONALD, of Solway, Masterton, Wairarapa, New Zealand.—An invention for the Solway eccentric wool-press.
2669. 28th November. JAMES BAIRD VERNON, of Napier, in the Provincial District of Hawke's Bay, New Zealand, Engineer.—An invention for a steel multitubular circulating boiler for kitchen-range, to be called "The Jubilee Circulating Boiler."
2670. (L.R.) 29th November. THE PATENT NUT AND BOLT COMPANY (LIMITED), of London Works, near Birmingham, in the County of Stafford, England.—An invention for an improved means for locking nuts on bolts.
2671. 29th November. THOMAS GAGER, of 95, Manchester Street, Christchurch, New Zealand, Tailor.—An invention for an electric brace or trouser-suspender, to be called "The Favourite Electric Brace- or Trouser-suspender."
2672. 1st December. CHARLES JAMES JUTSON, Gentleman, and FREDERICK ABRAHAM POUPARD, Manufacturer, both of London, England.—An invention for improvements in shoes for horses and other hooped animals.
2673. 1st December. EDWARD WATERS, of No. 75, Chancery Lane, Melbourne, in the Colony of Victoria, Patent Agent.—An invention for improvements in mechanical movements. (E. B. Coxe and S. Salmon.)
2674. 1st December. CHARLES McQUEEN, of Dunedin, New Zealand, Engineer.—An invention for washing, dressing, and drying *Phormium tenax* (commonly called New Zealand Flax), flax, and other fibrous substances, to be known as "McQueen's Patent Flax-washing Machine."
2675. 28th November. THOMAS HERBERT, of Vermont Street, Auckland, New Zealand, Factory Manager to New Zealand Timber Company.—An invention for compound flooring of cement, concrete, asphalt, or other plastic material in combination with timber, to be called "Herbert's Patent Climax Floor."
2676. 28th November. THOMAS HERBERT, of Vermont Street, Auckland, New Zealand, Factory Manager to New Zealand Timber Company.—An invention for a plastering lath, to be called "Herbert's Patent Dovetail Timber-lath."
2677. 3rd December. EDWARD FRASER JONES, of Wellington, New Zealand, Civil Engineer and Architect.—An invention for an improved adjusting and parallel action scraping-jaws for flax machines. (Refused.)
2678. 2nd December. WILLIAM JOHN SILCOCK, of Ashburton, New Zealand, Contractor.—An invention for Silcock's water-race and drain plough.
2679. 2nd December. HENRY FANCOURT, of Dunedin, New Zealand, Settler.—An invention for wringing and mangling clothes, called "The Victoria Combined Wringer and Mangle."
2680. 5th December. WILLIAM McKEEGAN, Engineer, and WILLIAM ANDREW YOUNG, Carrier, both of Wellington, New Zealand.—An invention for a combined horizontal and vertical discharger.

2681. 5th December. JOHN FITCHETT, of Wordsworth Street, Wellington, New Zealand, Coach-builder.—An invention for improvements in the construction of carts, waggons, or any other vehicles.
2682. 5th December. DANIEL MCGILL, of Lower Hutt, Wellington, New Zealand, Engine-driver, and THOMAS ROBERT BARRER, of Wellington, New Zealand, Mechanical Engineer.—An invention for improvements in lubricators.
2683. 7th December. WILLIAM CRAIG, of No. 222, Crown Street, Sydney, in the Colony of New South Wales, Miner.—An invention for improvements in and relating to the manufacture of a composition for paving streets and other places.
2684. 2nd December. JAMES JOHN AUSTIN, of Raglan, in the Provincial District of Auckland, New Zealand, Farmer.—An invention for an iron standard to be used in the erection of wire fencing, and to be called "Austin's ABC Standard."
2685. 1st December. GEORGE HARCOURT, of Thames, in the Provincial District of Auckland, New Zealand, Assayer.—An invention for concentrating tailings or drift.
2686. 8th December. JAMES PATRICK DOWLING, of Ashfield, near Sydney, in the Colony of New South Wales, Journalist.—An invention for improvements in presses for hay, straw, wool, and other materials.
2687. 9th December. STEPHEN JOHN HOLLAND, of Auckland, New Zealand, Tinsmith.—An invention for soldering tins, to be called "Holland's Patent Rotary Body-seam Soldering Table for Fruit and other Tins."
2688. 10th December. RICHARD CHARLES WHITE CUMING, of Christchurch, New Zealand, Journalist.—An invention for the improvement of cylinder printing-machines, to be called "Cumings's Roller- and Sheet-guard."
2689. 12th December. HENRY CHAMBERLIN, of Parnell, Auckland, New Zealand.—An invention for the trapping of rabbits in large numbers at a time, to be called "Chamberlin's Rabbit-trap."
2690. 12th December. RICHARD CALLON, of Ravensbourne, in the Provincial District of Otago, New Zealand, Ironfounder, and GEORGE GOODLET, of the same place, Engineer.—An invention for converting malleable cast iron into malleable cast steel.
2691. 13th December. EMANUEL WOOFFINDIN, of Seadown, near Temuka, in the Provincial District of Canterbury, New Zealand, Pipe-maker.—An invention for making pipes by means of roller-pressure, to be called "Wooffindin's Drain-pipe-making Machine."
2692. 13th December. JOHN ROSE, of Caversham Rise, in the Provincial District of Otago, New Zealand, Engineer.—An invention for straining and holding wire, to be called "The Easy Permanent Wire-strainer."
2693. 13th December. FRANK OAKDEN, of Dunedin, New Zealand, Architect.—An invention for straining wire fences, to be known as "The Imp Patent Wire-strainer."
2694. 15th December. THOMAS FERGUSON, of 7, Harold Street, Albert Park, near Melbourne, in the Colony of Victoria, Bottler.—An invention for an improved apparatus for drawing aerated liquid from fonts or reservoirs.
2695. 16th December. WALTER COLE, of Adelaide Road, Wellington, New Zealand, Architect.—An invention for fixing blocks for use in brick, stone, or concrete buildings, and to be called "Cole's Patent Fixing Block."
2696. 16th December. THOMAS GEORGE STEVENS, of Rectory Cottage, Swanscombe, in the County of Kent, England, Engineer.—An invention for improvements in apparatus for controlling ships' rudders.
2697. 16th December. SAUL JOSHUA, of No. 5, Queen Street, Melbourne, in the Colony of Victoria, Merchant.—An invention for an improved compound to be used as a substitute for methylated spirits.
2698. 16th December. BENJAMIN THOMAS LACY, a member of the firm of Parke and Lacy, of San Francisco, California, one of the United States of America, Machinery Merchants.—An invention for improvements in crushing rolls. (Enos A. Wall.)
2699. 12th December. DANIEL BERNARD BATE, of Parnell, Auckland, New Zealand, Practical Engineer and Millwright.—An invention for the electrical combination machinery plant.
2700. 17th December. ARTHUR HOUGHTON, of Manukau, in the Provincial District of Wellington, Surveyor.—An invention for an improved method of advertising.
2701. 12th December. RALPH SNEYD SMITH, of Leinster Road, St. Albans, in the Provincial District of Canterbury, New Zealand, Mechanic.—An invention for lengthening the distance to which a telephonic message may be transmitted, to be called "Sneyd Smith's Telephone or Microphone Relay."
2702. 20th December. ROBERT NORRIE COWAN and ROBERT ARCHIBALD HEARN, of Wellington, New Zealand, Plumbers.—An invention for an improved automatic water-flush for closets and urinals, to be called "Cowan and Hearn's Improved Clyde Patent Water-flush."
2703. 20th December. WILLIAM MATTHEWS TAYLOR, of Moore Street, Ashburton, in the Provincial District of Canterbury, New Zealand, Carpenter.—An invention for an improved fire-escape.
2704. 14th December. PIERRE FINCH MARTINEAU BURROWS, of Auckland, New Zealand, Architect and Surveyor.—An invention to be called "The Novelty Folding and Adjusting Step-ladder," adapted to all the purposes for which step-ladders are applied.
2705. 16th December. EDWARD T. FIRTH, of Auckland, New Zealand, Electrician.—An invention for the Lone Star electric-light mast-arm.
2706. 21st December. WILLIAM WARD, of No. 59, William Street, Melbourne, in the Colony of Victoria, Gentleman.—An invention for expanded metal, and a process and means for producing same. (J. F. Golding.)

2707. 22nd December. CHARLES McQUEEN, of Dunedin, New Zealand, Engineer.—An invention for sinking holes in the earth through gravel, sand, clay, and soil of all kinds, to be known as “McQueen’s Patent Prospecting-machine.”
2708. 22nd December. ARTHUR FRANCIS WILEMAN, of 24, Mount Park Crescent, Ealing, in the County of Middlesex, England, Engineer.—An invention for improvements in sewing-machines.
2709. 21st December. JAMES LANE, of Lyttelton, in the Provincial District of Canterbury, New Zealand, Hotelkeeper.—An invention for improvements in the ordinary beer-siphon, to be called “Lane’s Patent Beer-extractor.”
2710. 21st December. SAMUEL KINGSBURY, of Ashley, in the Provincial District of Canterbury, New Zealand, Farmer.—An invention for Kingsbury’s improved self-acting feeder for threshing-machines (No. 2).
2711. 21st December. THOMAS HERBERT, of Vermont Street, Auckland, New Zealand, Factory Manager to New Zealand Timber Company.—An invention for a method of fixing glass in the roofs and walls of vineries, hothouses, and skylights, to be called “The Acme glazing Clips and System of Glazing without Putty.”
2712. 22nd December. GEORGE CARDER, WALTER CARDER, and EDWARD OWEN, trading under the style or firm of Carder Brothers and Co., of Ponsonby, Auckland, New Zealand, Steam Sanitary Pipe Manufacturers.—An invention for improvements in making junctions to or with drain-pipes, sewers, &c., to be called “Carder’s Patent Junction Pipe.”
2713. 22nd December. GEORGE PARKER MORRIS, of Symonds Street, Auckland, New Zealand, Photographer.—An invention for a water-filter, to be called “Morris’s Water-purifier.”
2714. 22nd December. THOMAS DANKS, of Christchurch, New Zealand, Engineer.—An invention for a windmill, to be called “The Titan Windmill.”
2715. 28th December. DUNCAN WILLIAM McARTHUR, Civil Engineer, and WILLIAM GIBSON JOHNSTON, Merchant, both of Hokitika, New Zealand.—An invention for the hydraulic siphon amalgamator.
2716. (L.R.) 24th December. EDWARD WILLIAM PARKES, of 3, Salters Hall Court, in the City of London, England, Gentleman.—An invention for improvements in the production of coloured photographic pictures.
2717. 29th December. DAVID PICKERING, of Masterton, Wairarapa, New Zealand, Plumber.—An invention for an improved windmill and its accessories.
2718. 24th December. JOHN REES JONES, of Gisborne, New Zealand, Engineer.—An invention for an orchard or viney duster, sprayer, and fumigator.
2719. 29th December. HENRY DURAND, of Timaru, in the Provincial District of Canterbury, New Zealand, Gunsmith.—An invention for Durand’s harness backband and trace-protector.

LETTERS PATENT LAPSED THROUGH NON-PAYMENT OF RENEWAL FEE, FROM 7TH APRIL, 1887, TO 4TH APRIL, 1888.

617. E. J. McCAFFREY.—Enamelling process.
636. A. FRASER.—Opening gates and doors.
637. R. P. GIBBONS.—Cutting rollers.
644. G. SIMMONS.—Manufacturing hose.
650. A. CAIRNS.—Suspension railway.
651. A. CAIRNS.—Double-tread rail.
652. A. CAIRNS.—Improved barge.
653. J. H. HUDSON.—Blind-clip.
660. J. ROBINSON.—Quartz-crushing.
666. A. BLACK.—Bending iron.
667. A. POTTER.—Scouring wool.
671. W. GREENSHIELDS.—Shoulderette.
672. J. T. THOMSON.—Windmills.
674. R. KINGSFORD.—Cleaning rivers.
677. W. ROSS.—Disc-harrows.
681. W. A. HARPER and J. W. ROCK.—Gas-engine.
698. G. ROSS.—Raising vessels.
700. R. WALKER.—Skim-coulter.
723. W. A. HARPER and T. DENNISTON.—Laying tramways.
724. E. C. JONES.—Wire or rope tramways.
725. W. J. DALTON.—An ornator.
726. J. LEES and J. W. ROCK.—Steam-boiler.
727. S. E. HAYES and T. C. JENKINS.—Registrar.
728. D. DONALD.—Wool-press.
732. A. WERNER.—Lifting and holding.
736. G. L. SISE.—Disc-harrows.
739. A. W. BICKERTON.—A model to illustrate motions, &c., of earth.
740. F. A. MOORE.—Skin packing.
743. J. ASPINALL and J. JOHNSTON.—Gold-saving.
744. E. W. OTWAY.—Permanent-way.
746. J. OSBORNE and A. WERNER.—Gorse-cutting.
750. B. KEANE and G. CARDER.—Kiln.
758. J. R. HILL and A. ROBERTSON.—Threshing-mills.
767. T. C. DENNISON, W. A. HARPER, and F. W. S. ANSTED.—Manufacturing concrete.
769. W. NELSON.—Boiling down.

781. T. TURNBULL.—Ventilator.
 784. C. P. HAYWARD.—Sheep-dipping.
 790. R. BAKER.—Making concrete.

APPLICATIONS FOR LETTERS PATENT LAPSED AFTER PUBLICATION OF LIST FOR 1886.

1795. E. CUTHBERT.—Disconnecting pipes.
 1798. J. WHYTE.—Boot-polisher.
 1800. C. RAINEY.—Music-holder.
 1801. R. G. MARSH.—Folding papers.
 1803. W. HOOKER.—Gas-burners.
 1804. W. PINCHES.—Squaring-machine.
 1805. R. H. CARTER.—Lift-pump.
 1806. R. H. CARTER.—Securing troughs.
 1808. A. KELLY.—Carboniferous iron.
 1809. T. KELLY.—Plaster.
 1812. R. W. E. MACIVOR.—Treating nightsoil.
 1813. C. A. WILKINS.—Watch-key.
 1817. A. DOUGLAS.—Cigar-holder.
 1819. W. C. WILKINS.—Heating water.
 1820. T. J. THOMPSON.—Cement.
 1823. A. SUTTIE.—Leather.
 1827. C. A. BERGERSON and J. JENSEN.—Wire-strainer.
 1829. T. HARRISON.—Grain-drill.
 1835. W. LITTLEJOHN.—Chain measure.
 1836. J. H. STEVENS.—Metal label.
 1840. H. ALLEN.—Rabbit-exterminator.
 1842. J. W. WILKINSON.—Lock-protector.
 1848. J. ROSS.—Poison-layer.
 1851. J. BROOM and G. MAIDMENT.—Knife-cleaner.
 1856. F. E. ROBERTSHAW.—Drying clothes.
 1857. C. G. EVENSEN.—Night-signals.
 1858. S. FALLWELL and J. HICKS.—Fume-condenser.
 1859. C. K. JEFFS and G. MOODY.—Removing blight.
 1860. J. CLARE.—Silt-punt.
 1861. W. REEVES.—Brake.
 1862. H. MARKS.—Step-ladder.
 1864. T. WEST.—Patten.
 1866. W. H. WAINHOUSE.—Enamel.
 1871. J. H. JENKINS.—Skein-holder.
 1872. T. SLADE.—Horse-shoe.
 1874. R. A. SIMPSON.—Manure.
 1877. M. P. CAMERON and J. A. PLIMMER.—Milk-strainer.
 1878. J. H. JENKINS.—Wire-straining.
 1879. C. R. WILLIAMS.—Sheep-dipping.
 1882. F. W. REVELL.—Advertising-chair.
 1883. E. WICKES.—Loading coal.
 1884. R. and J. R. STANSELL and E. H. ELLIOTT.—Twisting and reeling wire.
 1886. T. GARLAND.—Milk-strainer.
 1887. W. H. BARROW.—Ship's-course indicator.
 1888. J. WHITNEY.—Cartridge-case.
 1894. C. KIND.—Coal-economizer.
 1897. J. T. HART.—Steering-gear.
 1898. W. HOOKER.—Supplying gas to burners.
 1902. R. COCKERELL.—Plug for ploughs.
 1907. E. SNOWBALL.—Butter-package.
 1909. C. WELCH and C. C. ARMSTRONG.—Rabbit-exterminator.
 1915. J. J. MACKY.—Trousers-attachment.
 1916. W. HOOKER.—Air-gas.
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