

SUPPLEMENT

TO THE

NEW ZEALAND GAZETTE

OF

THURSDAY, APRIL 12, 1900.

Published by Authority.

WELLINGTON, THURSDAY, APRIL 12, 1900.

*Notice of Acceptance of Complete Specifications.*Patent Office,
Wellington, 11th April, 1900.

COMPLETE specifications relating to the under-mentioned applications for Letters Patent have been accepted, and are open to public inspection at this office. Any person may, at any time within two months from the date of this *Gazette*, give me notice in writing of opposition to the grant of any such patent. Such notice must set forth the particular grounds of objection, and be in duplicate. A fee of 10s. is payable thereon.

No. 11747.—26th June, 1899.—THOMAS BALLANTINE, of Grant Street, South Melbourne, Victoria, Engineer. Child's carriage or perambulator.*

Claims.—(1.) In combination, a perambulator having hinged floor, axle having two hinged parts pivoted together in the centre, with means for locking said parts in a horizontal position in line or approximately each in a vertical position, substantially as and for the purposes set forth. (2.) In combination, hinged axle-rod as 13 carrying slotted segmental plate as 15, hinged axle-rod as 18 pivotally connected to said plate, and having a pin passing through slot of plate with means of securing same in position, substantially as and for the purposes set forth. (3.) In combination, shafts as 22 pivoted to rail, and having attached thereto slotted plates as 24, and means for forming a secure hold upon the plates, substantially as and for the purposes set forth. (4.) In a collapsible carriage of the kind described, a hinged footboard which collapses correspondingly with the carriage, substantially as set forth. (5.) In combination, cord as 31 connecting hinged step with hinged floor, cord as 34 connecting the two parts of floor, and having a handle as 36, substantially as and for the purposes set forth. (6.) In combination, side-frames of a perambulator, a lateral door or doors, means by which door is hinged, to one side of perambulator, and means for securing the other end of such door to frame on that side, substantially as and for the purposes set forth. (7.) In combination, perambulator having hinged back-frame, with means for securing same to side-frame, floor in two parts hinged to side-frames and together in the centre, step in two parts hinged to side-frame and together in the centre, a connecting cord between the said floor and step, a handle, an axle having two hinged parts pivoted together in the centre, and having means for radiating and securing same in posi-

tion in a horizontal line and in substantially a vertical position, shafts pivoted to the side-rails, and means for holding same in a forward or back position, substantially as set forth.

(Specification, 4s. 9d.; drawings, 10s. 6d.)

No. 12280.—4th January, 1900.—UNIVERSAL FUEL COMPANY, of 81, South Clark Street, Chicago, Illinois, United States of America, Manufacturers of Coke (assignees of Joseph Hemingway, of Spearfish, South Dakota, United States of America, Mining Engineer). Improvements in processes of making coke.

Claims.—(1.) The process of coking coal which consists in confining the coal in an oven, firing the coal, and then subjecting the coal to a temperature sufficiently high to cause not only the generation of gases, but also the disintegration of their elements and the conversion of volatile carbons into fixed form and their disposition as constituent appreciable integral additions to the coke product, substantially as described. (2.) The process of coking coal which consists in confining the coal in an oven, firing the coal, and then introducing into the oven above the coal an extraneously heated deoxygenized blast to accelerate the generation and induce circulation or movement in the volatile gases in the oven while the trunnel-hole in the top of the oven is open, thus causing the ingress into the oven of atmospheric air to support combustion and the egress through the same hole of non-combustible or consumed gases, substantially as described. (3.) The process of coking coal which consists in confining the coal in an oven, firing the coal, and then introducing into the oven above the coal an extraneously specially prepared highly heated blast having imparted to it during the act of heating it, as an additional quality, the property of desulphurising coal under heat, substantially as described. (4.) The process of coking coal which consists in confining the coal in an oven, firing the coal, then introducing into the oven above the coal an extraneously heated deoxygenized blast of a temperature before its introduction greater than that usually employed in the coking operation, to increase the heat in the oven above the temperature produced by the combustion therein of the gases generated from the coal, and to accelerate the generation of such gases, and then permitting the deoxygenized blast and that portion of the evolved gases not converted into fixed carbon to escape through an opening at the top of the oven, substantially as described. (5.) The process of coking coal which con-

sists in confining the coal in an oven, firing the coal, then introducing into the oven above the coal an extraneously heated deoxygenized blast of a temperature before its introduction greater than that usually employed in the coking operation, to increase the heat in the oven above the temperature produced by the combustion therein of the gases generated from the coal, and to induce a condition favourable to the rapid generation of such gases, then introducing a sufficient volume of live air into the oven to cause the combustion of the combustible gases being evolved, and then shutting off the supply of live air with the cessation of the generation of combustible gases to prevent the combustion of fixed carbon, substantially as described. (6.) The process of coking coal which consists in confining the coal in an oven, firing the coal, then introducing into the oven above the coal a blast comprising extraneously heated deoxygenized air of high temperature and live air containing free oxygen, to induce in the oven a temperature and quality of heat favourable to the simultaneous generation and combustion of volatile combustible gases, and thus accelerate the coking operation, substantially as described. (7.) The process of coking coal which consists in confining the coal in an oven, firing the coal, and then introducing into the oven above the coal, alternately and in the order preferred, extraneously highly heated deoxygenized blasts and supplies of live air, to regulate and control the coking operation by adjusting and balancing the temperature and quality of the heat in the oven at the will of the operator, to secure the proper relative rates of the generation and combustion of the volatile gases, substantially as described. (Specification, 12s. 6d.; drawings, 16s.)

No. 12342.—27th January, 1900.—WILLIAM EWART GLADSTONE, of Invercargill, New Zealand, Lithographic Artist. Improvements in pins and hair-pins.

Claims.—(1.) In a spiral-shaped pin, a head moulded around a ball formed on the neck of the pin, substantially as set forth. (2.) In a spiral-shaped pin, a head moulded around a swelling formed on the neck of the pin, substantially as set forth. (3.) The improvements in pins and hair-pins consisting of parts constructed and arranged substantially as set forth. (Specification, 1s. 6d.; drawings, 3s.)

No. 12483.—22nd March, 1900.—GEORGE STIRLING, of Union and Eden Streets, Dunedin, New Zealand, Store-keeper. An automatic adjustable drop-plate for dredges.

Claim.—In drop-plates of dredges for receiving wash from the buckets and transmitting same to the screen or shoot, the connecting of the plate such as E¹ to the ladder by rods and brackets such as E³, E², or rods alone such as described, for the purpose of the drop-plate being kept automatically at a uniform distance from the bucket-mouths at varying inclinations of the ladder, all substantially as shown and described. (Specification, 1s. 6d.; drawings, 3s.)

12490.—30th March, 1900.—MARTIN KOECK, of Oskosh, Wisconsin, United States of America, Inventor. Woven fabric.

Claims.—(1.) As a new article of manufacture, a fabric composed of stalks of grass twisted together and served to form a continuous strand, said strand doubled back and forth upon itself, such doubled portions being held together by interwoven binding strands or stays, as and for the purpose set forth. (2.) As a new article of manufacture, a fabric the body of which is composed of stalks of grass twisted together and spirally wrapped to form a continuous strand, said strand doubled back and forth upon itself, and having interspersed throughout transverse binding stays or strands interwoven therewith, such binding strands or stays being duplicated along the edges of the fabric, as and for the purpose set forth. (3.) As a new article of manufacture, a mat the body of which is composed of stalks of grass twisted together and spirally wrapped to form a continuous strand, said strand bent or doubled back and forth upon itself, and having interwoven therewith binding strands interspersed throughout such body portion, and a selvage binding for the edges thereof, as and for the purpose set forth. (4.) As a new article of manufacture, a fabric consisting of a main body portion formed of parallel layers or strands of twisted grass, each strand being encircled spirally by a thread, in combination with transverse binding-threads traversing the entire body but alternately under and over adjacent parallel grass strands, as and for the purpose set forth. (Specification, 3s. 9d.; drawings, 5s. 6d.)

No. 12491.—30th March, 1900.—THOMAS EDWARD LANE, of 108, Drayton Gardens, South Kensington, London, England, Distiller; GEORGE THEODORE TEMPLE, of 109, Leadenhall Street, London aforesaid, Gentleman; and JAMES MCRAE, of 7, Fenchurch Avenue, London aforesaid, Engineer. Improvements relating to bottles for beer, wine, sedimentary and other liquids, and apparatus for use therewith.

Claims.—(1.) The combination of a bottle having at the upper end a perfectly closable and easily adjustable air-inlet, such as a screw-stopper, and at the lower end an outlet the interior lip of which is raised to a more or less sharp edge above the level of the interior of the bottom of the bottle, so that sediment may be retained in the bottle when the liquor is drawn off through said outlet upon the removal of the means for stopping the latter, and when air is admitted above the liquor in the bottle. (2.) In bottles and apparatus of the class described, in combination, a bottle having an aperture in the bottom thereof closed by a plug or cork, a holder adapted to clip said bottle, a striking-piece or hollow plug for forcing the plug or cork into the interior of the bottle, a washer or the like upon said striking-piece or hollow plug or otherwise for insuring a tight joint between said bottle and striking-piece or hollow plug or the holder, and an outlet in said holder for the purpose of the withdrawal of the contents, substantially as described and illustrated, and for the purpose set forth. (3.) In bottles and apparatus of the class described, in combination, a bottle having an aperture in the bottom thereof closed by a plug or cork, a holder adapted to clip said bottle, a washer for insuring a tight joint between the said bottle and holder, and a stand for supporting the holder, the said stand being either rigid or rotary, or formed with a prolongation upon said holder adapted to slide upon a hollow support with a spring enclosed in said hollow support and prolongation, and a rod or pillar attached to the base of the stand having a shoulder or projection engaging upon a seating formed in the hollow sleeve aforesaid, the said stand having recesses for the reception of glasses or receptacles upon its base, and an outlet for carrying the liquor to the said glasses in rotation. (4.) In the bottle having an outlet in its base for the purpose described, a screw cap, carrying a rotatable plug or cork, said cap being adapted to engage upon a screw-thread upon the neck of the bottle, substantially as described and illustrated, and for the purpose set forth. (Specification, 7s. 6d.; drawings, 10s. 6d.)

No. 12494.—29th March, 1900.—THOMAS MITCHELL, of Tairua, Auckland, New Zealand, Cook. An improved rat-trap.

Claim.—In a rat-trap, the combination of a box or other enclosure having an opening at or near each end, a door or fan-like centre-piece centrally adjusted to a rod journaled to sides of said box or enclosure, a coiled spring for actuating said rod, a flat spring adjusted to bottom, with its free end suspended over opening in floor, and having a shoulder on said flat spring, all for the purpose set forth, substantially as described and illustrated. (Specification, 2s. 9d.; drawings, 3s.)

No. 12495.—31st March, 1900.—CHARLES ALGERNON PARSONS, GEORGE GERALD STONEY, and HUGH FRANCIS FULLAGAR, all of Heaton Works, Newcastle-on-Tyne, Northumberland, England, Engineers. Improvements in and in connection with steam turbine rings of blades.

Claims.—(1.) Assembling and binding together turbine-blades by means of one or more metallic strips, which strips are provided with notches to receive the blades, and are formed into rings, semicircles, or sectors, and the notches are closed up to grip the blades, substantially as described. (2.) Rings, semicircles, or sectors of turbine-blades having a shroud or shrouds in which notches are cut, blades gripped in the notches by pressure of the teeth in the shroud or shrouds, the base shroud being considerably wider than the blades, and grooves in the rotating or fixed parts of the turbine within which the shrouds are held, substantially as described. (3.) Mechanism for cutting metallic shrouds and closing in the teeth upon the blades comprising a rotated table, an oscillated cutter, and a reciprocating closing punch, all substantially as described. (4.) The method of simultaneously cutting metallic shrouds and closing in the teeth upon blades so as to avoid creeping or irregular spacing of the blades, substantially as and for the purpose described, and illustrated in the drawings. (Specification, 11s.; drawings, £3 3s.)

No. 12496.—28th March, 1900.—JAMES CRERAR NAISMITH, of Taieri, New Zealand, Mechanical Engineer. Improved mechanically folding straw-elevator for attachment to threshing-machines.

Claims.—(1.) In elevator-attachments for threshing-machines, the combination with the machine of an elevator capable of being wound and unwound by such as the winches G and H to the positions shown from Figs. 1 to 4, substantially as shown and as described and explained. (2.) An elevator capable of being extended to full length, and also of being folded so as not to overhang a threshing-machine, by means of winches which control the movements, substantially as set forth, and as illustrated in the drawing. (Specification, 1s. 6d.; drawings, 3s.)

No. 12498.—30th March, 1900.—JOHN ALEXANDER KINSELLA, of Agricultural Department, Wellington, New Zealand, Dairy Expert. Improved milk or cream receiving- and weighing-can for dairy factories and the like.

Claims.—(1.) In milk or cream weighing- and receiving-cans, the combination of the can with an eccentric coned invert bottom for allowing the plug, levers, and rod to be on one side and permitting the can to rest fully on the weighing-table, substantially as described and as shown on the drawing. (2.) In milk or cream receiving- and weighing-cans, in combination, a taper plug attached to its lifting-rod on one side, thus allowing the plug to enter the plug-hole at the required angle, the said plug being packed, with a can-bottom shaped up like an inverted cone, the discharge being on one side of the said bottom, substantially as set forth, and for the purposes indicated. (3.) In weighing- and receiving-cans for milk or cream, the combination of the special shape of the bottom for discharging the whole of the contents to near one side, such as B, B¹, together with the special shape of the discharge-pipe, such as B², B³, and the trigger-spring such as G, for the purposes set forth, and as shown and described. (4.) The form of the weighted lever which keeps the plug suspended or pressed down at will in combination with the whole, substantially as set forth, and for the purposes indicated.

(Specification, 1s. 9d.; drawings, 3s.)

No. 12499.—29th March, 1900.—JOHN WILLIAMSON, of Roslyn, Dunedin, New Zealand, Pattern-maker. An attachment for diverting drift and the like from the buckets of river-dredges.

Claims.—(1.) In combination, the lower tumbler and buckets of a dredge with a shield that is attached to any convenient part of the ladder or lifting-gear, for the purpose of keeping back and diverting any drift and allowing the buckets to lift wash, substantially as described and explained, and as illustrated in the drawing. (2.) A shield arranged in front of the buckets and ladder of any dredge for gold-dredging so that the buckets may still descend when the shield rests on the bottom, but that the said shield will be drawn up when the ladder is raised, substantially as described and shown, and for the purpose indicated.

(Specification, 1s. 6d.; drawings, 3s.)

No. 12502.—3rd April, 1900.—ROBERT GLENDINING, of Dunedin, New Zealand, Warehouseman (assignee of David Nable, of 80, Castlereagh Street, Redfern, New South Wales, Tailor). An improved detachable coat-adjustment.

Claims.—(1.) A coat-adjustment consisting of one or more pairs of springs provided with studs, buttons, or other suitable fasteners of the nature and for the purpose set forth. (2.) In a coat or jacket, the combination and arrangement of one or more pairs of removable springs provided with studs or other catches with a corresponding pair of stud-holes in the coat-material, of the nature and for the purpose set forth. (3.) In a coat or jacket, the combination and arrangement of one or more pairs of removable springs (with or without stud attachments) with the corresponding sheaths therefor secured to the material of the garment, of the nature and for the purposes set forth.

(Specification, 3s.; drawings, 3s.)

No. 12512.—6th April, 1900.—JAMES RITCHIE, of Princes Street, Dunedin, New Zealand, Ironmonger. Improvements in grates and ashpits.

Claims.—(1.) In grates, the combination of a plain grate for building a fire on, preferably about the level of the hearth or floor (such as B), with a deep ashpit containing an ashbox (such as C, C¹), and flue or flues conveying air from the outside of the room or building, with or without gratings and dampers (such as D¹, D², D), substantially as set forth and for the purposes indicated, and as shown in the drawing. (2.) In combination, a flat, plain grate B laid on recesses over a deep box in a pit C¹, C, and flues from outside the apartment to be warmed D¹, D², provided with dampers and gratings as described and D, the whole set within the wall and jambs and flue of an ordinary fireplace about the level or below the floor or hearth, substantially as set forth. (3.) In combination, flues drawing air for assisting combus-

tion from a lower room or space with the arrangement of ashpit, grate, damper, and gratings, with a movable box for ashes to be removed from the outside or through the grate, substantially as set forth, and for the purposes specified. (Specification, 1s. 9d.; drawings, 3s.)

No. 12513.—6th April, 1900.—WALTER COSTER GEE, of Christchurch, New Zealand, Window-blind Manufacturer. An improvement in a check action for venetian-blinds.

Claims.—(1.) The combination and arrangement of parts comprising my improvement in a check action for venetian-blinds, substantially as described and illustrated. (2.) In a check action for venetian-blinds, the combination of line-pulleys carried in a bracket within independent pulley-frames, tail-pieces extending from said frames, and a cross-bar fixed to one tail-piece extending across and operating the others when a releasing-line attached to said cross-bar is pulled, substantially as specified and illustrated.

(Specification, 1s. 9d.; drawings, 3s.)

F. WALDEGRAVE,
Registrar.

An asterisk (*) denotes the complete specification of an invention for which a provisional specification has been already lodged.

NOTE.—The cost of transcribing the specification, and an estimate of the amount required for copying the drawings, have been inserted after the notice of each application. An order for a copy or copies should be accompanied by a post-office order or postal note for the cost of copying.

The date of acceptance of each application is given after the number.

Provisional Specifications.

Patent Office,
Wellington, 11th April, 1900.

APPLICATIONS for Letters Patent, with provisional specifications, have been accepted as under:—

No. 12485.—23rd March, 1900.—RICHARD HENRY GOLDSWORTHY, of Mullet Point, Eastern Mahurangi, Auckland, New Zealand, Farmer. An improved hoe-blade and other garden-tool holder.

No. 12486.—27th March, 1900.—WILLIAM LEWIS LUXFORD and ALFRED HENRY WYLDs, of Palmerston North, New Zealand, Sawmillers, and JOHN HERBERT HANKINS, of Palmerston North aforesaid, Solicitor. A traversing-hoist for lifting and depositing heavy weights along the line of rope.

No. 12487.—27th March, 1900.—WILLIAM HEIR, of Mount Street, Port Chalmers, New Zealand, Boilermaker. Improved crate for packing rabbits and the like for export.

No. 12488.—27th March, 1900.—HARRY ARTHUR PURSER, of Victoria Avenue, Wanganui, New Zealand, Cabinetmaker. Pneumatic cushion for billiard-tables.

No. 12489.—28th March, 1900.—JOHN MCKINNON, of Whareora, Whangarei, New Zealand, Settler. An improved buckle.

No. 12492.—30th March, 1900.—WILLIAM CHAPMAN, of 5437, Potter Street, East End, Pittsburg, Pennsylvania, United States of America, Electrical Engineer. Improvements relating to electric railways.

No. 12500.—3rd April, 1900.—CHARLES DAHL, of Palmerston North, New Zealand, Importer and Manufacturer. Improvements in covers for horses and other animals.

No. 12501.—3rd April, 1900.—JOHN WALTER GLENNIE, of Invercargill, New Zealand, Plumber. An improved mud-guard for cycles and the like.

No. 12503.—4th April, 1900.—THOMAS FINCH and CHARLES EDWARD FINCH, of Paeroa, New Zealand, Blacksmiths. An improved scoop for cleaning cesspits and the like.

No. 12504.—4th April, 1900.—ROBERT WALES, of Invercargill, New Zealand, Engineer, and FRANK VICTOR RAYMOND, of Invercargill aforesaid, Solicitor. An improved device for securing shirt-collars, cuffs, and the like.

No. 12505.—4th April, 1900.—JOHN HENRIK HENRIKSON, of Te Kopuru, Northern Wairoa, Auckland, New Zealand, Contractor. An improved process for obtaining oil and charcoal from kauri timber.

No. 12506.—4th April, 1900.—RICHARD EDWARD NIGHTINGALE, of 16, Salisbury Street, Christchurch, New Zealand, Builder's Foreman. Improved method of, and bricks for, protecting walls from the injurious effects of damp, and ventilating buildings.

No. 12507.—29th March, 1900.—HUGH GUNN, of Auckland, New Zealand, Locomotive Engineer. An improved spark-stopper for use in locomotive-smokestacks.

No. 12508.—6th April, 1900.—EMILY BASSMAN, of Invercargill, New Zealand, Housewife. An invention for emptying washing-boilers, tubs, &c.

No. 12509.—5th April, 1900.—JOHN FOSTER, of Thames Street, Oamaru, New Zealand, Bootmaker. A combined boot- and knife-cleaner.

No. 12514.—6th April, 1900.—RICHARD THOMAS BICKERTON, of New Brighton, Canterbury, New Zealand, Fireworks-manufacturer, and JOHN ALBERT MORGAN, of Opawa, Canterbury aforesaid, Inventor. Improved means for signalling at night.

No. 12515.—6th April, 1900.—ERNST ANTON TYCHSEN, of Oruawhoro, Takapau, Hawke's Bay, New Zealand, Inventor. Improved cycle-driving mechanism.

No. 12516.—5th April, 1900.—ALFRED HEDLEY COTTON, of Waipu, Auckland, New Zealand, Teacher. A new mechanical toy.

F. WALDEGRAVE,
Registrar.

NOTE.—Provisional specifications cannot be inspected, or their contents made known by this office in any way, until the complete specifications in connection therewith have been accepted.

The date of acceptance of each application is given after the number.

Letters Patent sealed.

LIST of Letters Patent sealed from the 29th March, 1900, to the 11th April, 1900, inclusive :—

No. 11302.—A. and J. Allison, sheep-medicine.
No. 11615.—C. F. Scott, electrical distribution.
No. 11627.—W. L. Corson, gas-engine.
No. 11652.—H. C. Fletcher and S. H. Cornish, mattress.
No. 11678.—B. G. Lamme, electrical distribution.
No. 11696.—B. G. Lamme, rotary transformer.
No. 11776.—J. Temperley, horse-cover fastening.
No. 11843.—J. S. Maxwell, silt-punt.
No. 11844.—J. S. Maxwell, silt-punt.
No. 11890.—Badische Anilin and Soda Fabrik, manufacturing sulphuric anhydride (R. Knietzsch).
No. 11907.—R. B. Arthur, treating leather.
No. 11927.—J. B. Beavis, account-book.
No. 12070.—H. Dolter, electric traction.
No. 12071.—H. Tindal, apparatus for producing ozone.
No. 12072.—H. Tindal, sterilizing liquids by ozone.
No. 12086.—J. Mactear, obtaining cyanogen compounds.
No. 12250.—W. Blaker, advertising-device.
No. 12251.—W. P. Jones and H. M. Bates, match.
No. 12253.—E. Burton and R. B. Echlin, scratching-board for sports meetings.
No. 12254.—E. Burton and R. B. Echlin, recorder for sports meetings.
No. 12256.—E. Sandow, dumb-bell.
No. 12259.—F. Gold, roofing-nail.
No. 12266.—A. R. Pullen, railway fish-plate fastening.
No. 12276.—H. J. Kimman, pneumatic drill.
No. 12277.—V. Belanger, spinning-machine.

F. WALDEGRAVE,
Registrar.

Letters Patent on which Fees have been paid.

[NOTE.—The dates are those of the payments.]

SECOND-TERM FEE.

No. 8426.—R. Davies, sen., ointment. 31st March, 1900.

THIRD-TERM FEE.

No. 6122.—Massey-Harris Company, Limited, cultivator (L. M. Jones and J. Wedlake). 30th March, 1900.

F. WALDEGRAVE,
Registrar.

Subsequent Proprietors of Letters Patent registered.

[NOTE.—The name of the patentee is given in brackets; the date is that of registration.]

No. 9386.—The American Steel and Wire Company of New Jersey, having offices at "The Rookery," Chicago, Illinois, United States of America, wire fence. [A. J. Bates.] 5th April, 1900.

No. 10457.—The Haskin Wood-vulcanizing Company, Limited, of 2, Dean's Yard, Westminster, England, treating wood. [S. E. Haskin.] 5th April, 1900.

F. WALDEGRAVE,
Registrar.

Applications for Letters Patent lapsed.

LIST of applications for Letters Patent (with which complete specifications have been lodged) lapsed to the 11th April, 1900, inclusive :—

No. 10466.—A. J. Davey, lining-cramp.
No. 10469.—J. Small, pump.

No. 10582.—B. Roberts and T. Rose, chimney-cap.
No. 10673.—C. C. Morris, axle.
No. 10765.—M. P. Jonassen and R. Tomline, hydraulic ram.

No. 11028.—D. Donald, timber-jack.
No. 11032.—J. Durward and K. Rowe, hose-coupling.
No. 11033.—J. Anderson, curd-cutter.
No. 11063.—A. L. J. Tait, funnel and spark-catcher.
No. 11064.—A. L. J. Tait, washing-machines.
No. 11077.—J. H. Dalton, brand.

F. WALDEGRAVE,
Registrar.

Letters Patent void.

LIST of Letters Patent void through non-payment of fees from the 29th March, 1900, to the 11th April, 1900, inclusive :—

THROUGH NON-PAYMENT OF SECOND-TERM FEES.

No. 8165.—W. E. Hughes, ore-crusher (W. Wells).
No. 8166.—H. Pateson, can (O. McQuillan).
No. 8171.—W. H. Buckland, wire-strainer.
No. 8175.—A. E. Morgans, extracting metals from ores.
No. 8182.—M. C. Bannister, insulating chambers.
No. 8186.—F. Wright, coin freed fluid meter apparatus.
No. 8187.—J. Pfefer, precipitating gold from solutions.
No. 8188.—W. Silver, car-coupling.
No. 8191.—R. O. Lorenz, extracting zinc.
No. 8193.—H. Conquer, water-heater.

THROUGH NON-PAYMENT OF THIRD-TERM FEES.

No. 5989.—V. J. Owens, export package.

F. WALDEGRAVE,
Registrar.

Request to amend Specification allowed.

THE request to amend Specification No. 11944—E. R. Godward, pin—advertised in the Supplement to *New Zealand Gazette*, No. 108, of the 19th December, 1899, has been allowed.

F. WALDEGRAVE,
Registrar.

Applications for Registration of Trade Marks.

Patent Office,
Wellington, 11th April, 1900.

APPLICATIONS for registration of the following trade marks have been received. Notice of opposition to the registration of any of these applications may be lodged at this office within two months of the date of this *Gazette*. Such notice must be in duplicate, and accompanied by a fee of £1.

No. of application: 2944.
Date: 8th February, 1900.

TRADE MARK.



NAME.

ABEL MORRALL, LIMITED, of Clive Works, Redditch, England, Needle-manufacturers.

No. of class: 13.

Description of goods: Needles, pins, hairpins, and other articles included in this class which are known in the soft-goods trade as "small wares."

No. of application: 2945.
Date: 8th February, 1900.



NAME.

ABEL MORRALL, LIMITED, of Clive Works, Redditch, England, Needle-manufacturers.

No. of class: 13.

Description of goods: Needles, pins, hairpins, and other articles included in this class known in the soft-goods trade as "small wares."

No. of application: 2966.
Date: 26th February, 1900.

TRADE MARK.

The words

LAVENDER SOAP.

The essential particular of this trade mark is the word "Lavender"; and any right to the exclusive use of the word "Soap" is disclaimed.

NAME.

J. B. GILBERD AND SONS, of Wanganui, New Zealand, Soap-manufacturers.

No. of class: 47.

Description of goods: Common soap.

No. of application: 2974.
Date: 6th March, 1900.

TRADE MARK.



The essential particulars of this trade mark are the words "Fancy Free" and "Century," with the device of the three C's in the circles; and any right to the exclusive use of the words "Cigarettes" and "Cigarette Coy." is disclaimed.

NAME.

EDWARD HENRY CHAINY, trading as "Century Cigarette Company," of 145, Hereford Street, Christchurch, New Zealand, Cigarette-manufacturer.

No. of class: 45.

Description of goods: Cigarettes.

No. of application: 2985.

Date: 21st March, 1900.

TRADE MARK.

The words

CRYSTAL SPRING.

NAME.

THOMAS JOSEPH BROOME, of Crystal Spring Dairy, 82, Cuba Street, Wellington, New Zealand.

No. of class: 42.

Description of goods: Butter, cheese, cream, hams, bacon, eggs, sausages, pickles, spices, honey, vinegar, teas, jams, sauces.

No. of application: 2991.

Date: 30th March, 1900.

TRADE MARK.

The word

DEWDROP

NAME.

THE ERASMIC COMPANY, LIMITED, of Bank Quay, Warrington, Lancashire, England, Soap-manufacturers and Perfumers.

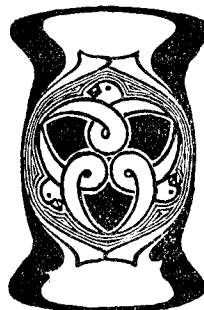
No. of class: 48.

Description of goods: Perfumery (including toilet articles, preparations for the teeth and hair, and perfumed soap).

No. of application: 2993.

Date: 30th March, 1900.

TRADE MARK.



NAME.

DR. FREIHERR EBERHARD VON BODENHAUSEN, of 46, Taubenstrasse, Berlin, Germany.

No. of class : 42.

Description of goods : Albuminates and victuals.

No. of application : 2994.

Date : 31st March, 1900.

TRADE MARK.

The word

HUMANIC.

NAME.

CHARLES SEXTIE, of Shortland Street, Auckland, New Zealand, Boot-manufacturer.

No. of class : 38.

Description of goods : Boots.

No. of application : 2995.

Date : 31st March, 1900.

TRADE MARK.



NAME.

P. MOIR-CRANE AND Co., of 6, Bank Street, Manchester, Lancashire, England, Oil-manufacturers and Merchants.

No. of class : 47.

Description of goods : Lubricating-oils, burning-oils for illuminating and heating, candles, tapers, night-lights, paraffin-wax, and common soap.

No. of application : 2996.

Date : 31st March, 1900.

TRADE MARK.

The word

ATHENE.

NAME.

J. D. ROBERTS, of Stanley Street, Auckland, New Zealand, Manufacturing Confectioner.

No. of class : 42.

Description of goods : Biscuits and confectionery.

No. of application : 2997.

Date : 31st March, 1900.

TRADE MARK.

The words

THE ROYAL.

NAME.

GEORGE ROBERTS, of Shortland Street, Auckland, New Zealand, Merchant.

No. of class : 6.

Description of goods : Sewing-machines.

No. of application : 2998.

Date : 2nd April, 1900.

TRADE MARK.

The word

SWAN.

NAME.

NEILL AND Co., LIMITED, of Dunedin, New Zealand, Merchants.

No. of class : 42.

Description of goods : Tea.

No. of application : 2999.

Date : 2nd April, 1900.

TRADE MARK.

The word

SOUVENIR.

NAME.

NEILL AND Co., LIMITED, of Dunedin, New Zealand, Merchants.

No. of class : 42.

Description of Goods : Tea.

No. of application : 3000.

Date : 2nd April, 1900.

TRADE MARK.

The word

ENCORE.

NAME.

NEILL AND Co., LIMITED, of Dunedin, New Zealand, Merchants.

No. of class : 42.

Description of goods : Tea.

No. of application : 3001.
Date : 2nd April, 1900.

The word

TRADE MARK.

FAIRY.

NAME.

NEILL AND Co., LIMITED, of Dunedin, New Zealand, Merchants.

No. of class : 42.
Description of goods : Tea.

No. of application : 3002.
Date : 2nd April, 1900.

The word

TRADE MARK.

KOH-I-NOOR.

NAME.

NEILL AND Co., LIMITED, of Dunedin, New Zealand, Merchants.

No. of class : 42.
Description of goods : Tea.

No. of application : 3003.
Date : 2nd April, 1900.

The word

TRADE MARK.

NATIONAL.

NAME.

NEILL AND Co., LIMITED, of Dunedin, New Zealand, Merchants.

No. of class : 42.
Description of goods : Tea.

No. of application : 3004.
Date : 2nd April, 1900.

The word

TRADE MARK.

ROBIN.

NAME.

NEILL AND Co., LIMITED, of Dunedin, New Zealand, Merchants.

No. of class : 42.
Description of goods : Tea.

No. of application : 3006.
Date : 10th April, 1900.

The word

TRADE MARK.

KISSLER.

NAME.

P. HAYMAN AND Co., of Custom Street East, Auckland, New Zealand, Warehousemen.

No. of class : 9.
Description of goods : Pianos.

F. WALDEGRAVE,
Registrar.

Trade Marks registered.

LIST of Trade Marks registered from the 29th March, 1900, to the 11th April, 1900, inclusive:—
No. 2287; 2722.—T. Hedley and Co., Limited; Class 2. (*Gazette* No. 70, of the 17th August, 1899.)
No. 2288; 2723.—T. Hedley and Co., Limited; Class 47. (*Gazette* No. 70, of the 17th August, 1899.)
No. 2289; 2724.—T. Hedley and Co., Limited; Class 48. (*Gazette* No. 70, of the 17th August, 1899.)
No. 2290; 2725.—T. Hedley and Co., Limited; Class 2. (*Gazette* No. 70, of the 17th August, 1899.)
No. 2291; 2726.—T. Hedley and Co., Limited; Class 47. (*Gazette* No. 70, of the 17th August, 1899.)
No. 2292; 2727.—T. Hedley and Co., Limited; Class 48. (*Gazette* No. 70, of the 17th August, 1899.)
No. 2293; 2728.—T. Hedley and Co., Limited; Class 2. (*Gazette* No. 66, of the 3rd August, 1899.)
No. 2294; 2729.—T. Hedley and Co., Limited; Class 47. (*Gazette* No. 66, of the 3rd August, 1899.)
No. 2295; 2730.—T. Hedley and Co., Limited; Class 48. (*Gazette* No. 66, of the 3rd August, 1899.)
No. 2296; 2917.—L. Matson; Class 42. (*Gazette* No. 6, of the 18th January, 1900.)
No. 2297; 2625.—Turner and Turner; Class 42. (*Gazette* No. 37, of the 27th April, 1899.)
No. 2298; 2901.—Watson and McGill; Class 45. (*Gazette* No. 9, of the 1st February, 1900.)
No. 2299; 2902.—Watson and McGill; Class 45. (*Gazette* No. 9, of the 1st February, 1900.)
No. 2300; 2903.—Watson and McGill; Class 45. (*Gazette* No. 9, of the 1st February, 1900.)
No. 2301; 2904.—Watson and McGill; Class 45. (*Gazette* No. 9, of the 1st February, 1900.)
No. 2302; 2905.—Watson and McGill; Class 45. (*Gazette* No. 9, of the 1st February, 1900.)
No. 2303; 2927.—E. C. Batkin; Class 45. (*Gazette* No. 9, of the 1st February, 1900.)

F. WALDEGRAVE,
Registrar.

Subsequent Proprietors of Trade Mark registered.

[NOTE.—The name of the former proprietor is given in brackets; the date is that of registration.]
No. 82/3282.—The Nightcaps Coal Company, Limited, of Invercargill, New Zealand. [Nightcaps Coal Company.] 29th March, 1900.

F. WALDEGRAVE,
Registrar.

Alphabetical List of Applicants for Letters Patent for Quarter ending 31st March, 1900.

THIS list includes also applications lodged prior to but gazetted during the quarter, and complete specifications following provisional specifications, and gazetted during the quarter. Where the number and date of the *Gazette* are omitted, the application has not yet been accepted.

* Denotes a provisional specification.

† Denotes a prior date under section 106 of "The Patents, Designs, and Trade Marks Act, 1889."

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Aalborg, C., and another, Wilkinsburg, U.S.A. (See J. P. Campbell, No. 11948.)				
Adams, F. W., Blenheim, N.Z. Riddle or screen for threshing-machine	12243	18 Dec., 1899..	2	4 Jan.*
Allen, G., Masterton, N.Z. Branding sheep, &c.	12442	6 March ..	21	15 March.*
Alley, H. J., Huirangi, N.Z. Seed-sowing machine	12386	13 Feb. ..	18	1 March.
Allison, E., and another, Zeehan, Tasmania. Electro-magnetic separator	12447	6 March ..	21	15 March.*
Anderson, E. L., St. Louis, U.S.A. Generation of electricity ..	12248	21 Dec., 1899..	6	18 Jan.
Anderson, J., Dunedin, N.Z. Cream-temperature controller ..	12374	3 Jan. ..	6	18 Jan.
Arnaboldi, J., Auckland, N.Z. Hobble	12303	8 Jan. ..	6	18 Jan.
Ashcroft, E. A., and another, London, Eng. Treatment of sulphide ores	12282	11 July, 1899†	6	18 Jan.
Ayson, A. R., Wyndham, N.Z. Gold-saving	12440	27 Feb. ..	21	15 March.*
Badische Anilin and Soda-Fabrik, Ludwigshafen-on-Rhine, Germany. Manufacture of sulphuric anhydride. (R. Knietzsch)	11890	14 Aug., 1899..	2	4 Jan.
Bagby, W., Kohimarama, N.Z. Horse-cover	12297	8 Jan. ..	9	1 Feb.*
Baines, W., London, Eng. (See E. W. Rudd, No. 12252.)				
Ballard, G., Buckland, N.Z. Spring-tooth subsoiling attachment to plough	11599	4 May, 1899 ..	21	15 March.
Barnes, J. C., Brisbane, Queensland. (See A. D. Graham, No. 12466.)				
Bates, H. M., and another, London, Eng. Match	12251	21 Dec., 1899..	2	4 Jan.
Belanger, V., Marshfield, U.S.A. Spinning-machine	12277	4 Jan. ..	6	18 Jan.
Belk, J. A., Feilding, N.Z. Driving mechanism for steamship ..	12281	4 Jan. ..	6	18 Jan.*
Benedict, C. L., Ontario, Canada. Book or tablet	12391	16 Feb. ..	18	1 March.
Bickerton, H. N., and another, Ashton-under-Lyne, Eng. Oil- or gas-engine	12293	10 Jan. ..	6	18 Jan.
Blackwell, A. G., Wynyard, Tasmania. Car-couplings	12462	16 March ..	25	29 March.
Blackwell, E. O., Wynyard, Tasmania. Curative and fertilising compound	12333	23 Jan. ..	9	1 Feb.
Blackwell, E. O., Wynyard, Tasmania. Door-stop	12451	10 March ..	21	15 March.
Blaker, W., London, Eng. Advertising device	12250	21 Dec. ..	2	4 Jan.
Bowell, A. H., Auckland, N.Z. House-block	11564	22 April, 1899..	2	4 Jan.
Boyens, W. H., Kaikoura, N.Z. Candle-holder	12285	8 Jan. ..	6	18 Jan.*
Boyens, W. H., and another, Kaikoura, N.Z. Branding-mixture ..	12286	8 Jan. ..	6	18 Jan.*
Boyens, W. H., and another, Kaikoura, N.Z. Branding wool-bales, &c.	12287	8 Jan. ..	6	18 Jan.*
Boyle, S., Sockburn, N.Z. Clothes-wringer	12294	8 Jan. ..	6	18 Jan.
Braby, H., Ayr, Queensland. Steam-generator	12324	18 Jan. ..	9	1 Feb.
Bradley, H. W., and another, Ashton-under-Lyne, Eng. Oil- or gas-engine	12293	10 Jan. ..	6	18 Jan.
Braun, F. W., Los Angeles, U.S.A. Cupel compressing-machine. (A. C. Calkins)	12356	1 Feb. ..	15	15 Feb.
Bristow, C., Marton, N.Z. Fastener for driving-chain of sprocket-wheel	12271	30 Dec., 1899..	2	4 Jan.
Bristow, C., Marton, N.Z. Seed-feeding device	12309	16 Jan. ..	9	1 Feb.*
British Westinghouse Electric and Manufacturing Company, Limited, London, Eng. Electric motor. (B. G. Lamme)	12444	7 March ..	21	15 March.*
British Westinghouse Electric and Manufacturing Company, Limited, London, Eng. Dynamo electric machine. (B. G. Lamme)	12448	9 March ..	21	15 March.*
Brown, A., and another, London, Eng. Saucepan for boiling milk ..	11745	26 June, 1899..	25	29 March.
Brown, J., and another, London, Eng. Saucepan for boiling milk ..	11745	26 June, 1899..	25	29 March.
Brown, R., Sydney, N.S.W. Wire-strainer	12369	8 Feb. ..	21	15 March.
Brown, R., Auckland, N.Z. Medicine	11633	18 May, 1899..	15	15 Feb.
Browne, F., and another, Maitara, N.Z. Gold-saving screen ..	12475	16 March ..	25	29 March.
Brownley, A. H., Onehunga, N.Z. Serviette-ring	12481	23 March ..	25	29 March.
Bruhn, W., Berlin, Germany. Fare-indicating device	12463	16 March ..	25	29 March.
Buck, H. A., London, Eng. Generating steam in steam-engines ..	12445	7 March ..	21	15 March.
Buck, H. A., London, Eng. Rotary engine	12468	19 March ..	25	29 March.
Burrell, T., Melbourne, Vic. Cycle-tire	12415	22 Feb. ..	18	1 March.*
Burrell, W., and another, Melbourne, Vic. Rabbit-crate	12334	23 Jan. ..	9	1 Feb.*
Burton, E., and another, Brisbane, Queensland. Scratching-board for sports	12253	21 Dec., 1899..	2	4 Jan.
Burton, E., and another, Brisbane, Queensland. Judge's recorder for sports	12254	21 Dec., 1899..	2	4 Jan.
Cairney, W. D., and another, Glasgow, Scotland	12388	16 Feb. ..	18	1 March.
Calkins, A. C., Los Angeles, U.S.A. (See F. W. Braun, No. 12356.)				
Cameron, E. A., Queenstown, N.Z. Spark-arrester and fuel-economiser	12422	23 Feb. ..	18	1 March.*
Campbell, A., Invercargill, N.Z. Gold-dredging table	12353	29 Jan. ..	15	15 Feb.*
Campbell, H., Dannevirke, N.Z. Straining wire round cheese-cases	12423	27 Feb. ..	18	1 March.*
Campbell, J. P., Wellington, N.Z. Distribution of electrical power. (R. D. Mershon)	11919	24 Aug., 1899 ..	9	1 Feb.
Campbell, J. P., Wellington, N.Z. Fuse-block for electric circuit. (H. P. Davis)	11947	2 Sept., 1899..	9	1 Feb.
Campbell, J. P., Wellington, N.Z. Switch for electric circuit. (G. Wright and C. Aalborg)	11948	2 Sept., 1899..	9	1 Feb.

ALPHABETICAL LIST OF APPLICANTS FOR LETTERS PATENT—*continued.*

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Campbell, J. P., Wellington, N.Z. Electrical machine. (B. G. Lamme and J. P. Mallett)	12029	29 Sept., 1899..	9	1 Feb.
Campbell, J. P., Wellington, N.Z. Circuit-breaker. (H. P. Davis and G. Wright)	11897	16 Aug., 1899..	15	15 Feb.
Campbell, J. P., Wellington, N.Z. Alternating-current induction motor. (B. G. Lamme)	12030	29 Sept., 1899..	18	1 March.
Campbell, J. P., Wellington, N.Z. Electrical-measuring instrument. (H. P. Davis and F. Conrad)	11829	26 July, 1899..	9	1 Feb.
Campbell, J. P., Wellington, N.Z. Current-collector for electrical machine. (B. G. Lamme)	12397	16 Feb. ..	18	1 March.*
Carpentier, L. L., Paris, France. Preserving alimentary products..	12476	19 March ..	25	29 March.
Chapman, W., Pittsburgh, U.S.A. Electric railway ..	12492	30 March ..	29	12 April.
Clark, A. G., Cincinnati, U.S.A. Treating zinc-bearing ores. (B. Sadtler)	12425	1 March ..	25	29 March.
Clark, A. G., Cincinnati, U.S.A. Retort. (B. Sadtler) ..	12426	1 March ..	25	29 March.
Clark, A. G., Cincinnati, U.S.A. Manufacturing retorts. (B. Sadtler)	12427	1 March ..	25	29 March.
Clark, A. J., and others, Denver, U.S.A. Rock-drilling machine ..	12387	16 Feb. ..	18	1 March.
Clark, R. O., jun., Hobsonville, Auckland, N.Z. Foundation-pile for buildings	12336	24 Jan. ..	9	1 Feb.
Claydon, G., Rakaia, N.Z. Whipple-tree	12454	9 March ..	25	29 March.*
Claydon, G., Rakaia, N.Z. Tea-infusing appliance	12455	9 March ..	25	29 March.*
Clokey, W. J., and others, Toronto, Canada. (See Massey-Harris Company, Limited, No. 12436.)				
Clifford, F., Westport, N.Z. Flax-dressing machine	12261	21 Dec., 1899..	2	4 Jan.*
Coates, J., Ottawa, Canada. Measuring and mixing gas and air. (G. B. Cottrell)	12401	20 Feb. ..	21	15 March.
Coates, W., and others, Queensport, Queensland. Preserving meat	12417	22 Feb. ..	18	1 March.*
Conrad, F., and another, Wilkesburg, U.S.A. (See J. P. Campbell, No. 11829.)				
Cooze, C. J., Carterton, N.Z. Generating acetylene gas	12377	12 Feb. ..	21	15 March.*
Corby, C. I., and others, Washington, U.S.A. Making dough for bread	12335	23 Jan. ..	9	1 Feb.
Corby, W. S., and others, Washington, U.S.A. Making dough for bread	12335	23 Jan. ..	9	1 Feb.
Cotton, D. W., and another, Westport, N.Z. Quicksilver injector ..	12146	1 Nov., 1899..	15	15 Feb.
Cottrell, G. R., New York, U.S.A. (See J. Coates, No. 12401.)				
Coulthard, T. W., Mangapai, N.Z. Spring-chair	12432	28 Feb. ..	21	15 March.*
Coupl, P. A., and another, Boston, U.S.A. (See United Shoe Machinery Company, No. 12372.)				
Courcy, De. (See under D.)				
Cowan, J., and others, Edinburgh, Scotland. Water-tube boiler ..	12239	14 Dec., 1899..	9	1 Feb.
Crawford, R., and another, Belfast, Ireland. Scutching and cleaning flax	12339	25 Jan. ..	..	..
Crawford, R. and another, Belfast, Ireland. Breaking and scutching flax	12249	21 Dec., 1899..	2	4 Jan.*
Cuming, A. J., Christchurch, N.Z. Branding-apparatus	11663	30 May, 1899..	21	15 March.
Cuming, A. J., Christchurch, N.Z. Branding animals	12362	16 Feb. ..	18	1 March.*
Cummings, A. L., Auckland, N.Z. Furniture-castor	12433	28 Feb. ..	..	..
Dabb, W., Croydon, Vic. Household mop	11742	26 June, 1899..	25	29 March.
Dall, W., Dunedin, N.Z. Hair-pin	12361	31 Jan. ..	15	15 Feb.*
Dalton, H., Christchurch, N.Z. Rolling metal tubes	12331	20 Jan. ..	9	1 Feb.*
Danks, T., Christchurch, N.Z. High-pressure boiler for stove ..	12330	19 Jan. ..	15	15 Feb.*
Dannhardt, F. H., and another, Richmond, Vic. Earth- or rock-drill	12464	16 March ..	25	29 March.*
Darling, J., and another, London, Eng. (See Darling's Patent Automatic Coupling, Limited, No. 12389.)				
Darling, J., jun., and another, Rutherglen, Scotland. (See Darling's Patent Automatic Coupling, Limited, No. 12389.)				
Darling's Patent Automatic Coupling, Limited, Glasgow, Scotland. Railway-coupling. (J. Darling and J. Darling, jun.)	12389	16 Feb. ..	18	1 March.
Davidson, M. J., Copenhagen, Denmark. Pulverising ores, cement, &c.	12173	13 Nov. ..	21	15 March.
Davis, H. P., Pittsburg, U.S.A. (See J. P. Campbell, No. 11947.)				
Davis, H. P., Pittsburg, U.S.A. (See W. E. Hughes, No. 11695.)				
Davis, H. P., and another, Pittsburg, U.S.A. (See W. E. Hughes, No. 11941.)				
Davis, H. P., and another, Pittsburg, U.S.A. (See J. P. Campbell, No. 11829.)				
Davis, H. P., and another, Pittsburg, U.S.A. (See J. P. Campbell, No. 11897.)				
Davis, H. P., and others, Pittsburg, U.S.A. Controller for electric motor	11731	22 June, 1899..	6	18 Jan.
Davy, W. J., and another, Middlesex, Eng. Electric arc-lamp ..	12373	8 Feb. ..	15	15 Feb.
De Courcy, E. J., and another, Belfast, Ireland. Breaking or scutching flax	12249	21 Dec., 1899..	2	4 Jan.*
De Courcy, E. J., and another, Belfast, Ireland. Scutching and cleaning flax	12339	25 Jan. ..	..	..
Denaeyer, A., Brussels, Belgium. Manufacture of cocoa	12014	2 Feb., 1899†	15	15 Feb.
Dewhurst, J. A., Herbertville, N.Z. Branding-instrument.. ..	12411	21 Feb. ..	18	1 March.*
Dixon, G., Masterton, N.Z. Gripper for wire-strainer	12457	14 March ..	25	29 March.*
Donald, D., Masterton, N.Z. Eccentric journal lever	12367	7 Feb. ..	15	15 Feb.*
Dooling, D., Hokitika, N.Z. Hand-grubber	12090	16 Oct., 1899..	21	15 March.
Dornbusch, A., Whangamomona, N.Z. Railway-coupling.. ..	12262	27 Dec., 1899..	2	4 Jan.*
Douglas, J. D., Dunedin, N.Z. Gold-saving screen	12368	6 Feb. ..	15	15 Feb.*
Dunstan, W. S., Castlemaine, Vic. Electric alarm	12315	18 Jan. ..	9	1 Feb.*

ALPHABETICAL LIST OF APPLICANTS FOR LETTERS PATENT—*continued.*

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Earle, E. E., Wanganui, N.Z. Butter-cooler	12841	23 Jan. ..	9	1 Feb.*
Echlin, R. B., and another, Toowong, Queensland. Scratching-board for sports	12253	21 Dec., 1899	2	4 Jan.
Echlin, R. B., and another, Toowong, Queensland. Judge's recorder for sports	12254	21 Dec., 1899	2	4 Jan.
Ellershausen, F., London, Eng. (See Sulphides Reduction (New Process), Limited, No. 12467.)				
Ellis, P., and another, Wellington, N.Z. Valve	12807	15 Jan. ..	6	18 Jan.*
Ellison, T. R., Wellington, N.Z. Cycle	12472	20 March ..	25	29 March.*
Elmore, F. E., Leeds, Eng. Treating ores	12452	10 March ..	21	15 March.
Eves, T., Ongar, Essex, Eng. (See W. E. Hughes, No. 11560.)				
Fairhall, S. L., Hawera, N.Z. Horse-collar	12273	3 Jan. ..	..
Fairhead, W., Palmerston North, N.Z. Hanging sashes	12458	14 March ..	25	29 March.*
Finlayson, J. H., Christchurch, N.Z. Producing photographic enlargements	12379	13 Feb. ..	18	1 March.*
Firth, T., Wellington, N.Z. Brake-strap	12354	1 Feb. ..	15	15 Feb.*
Fox, E., jun., Adelaide, S.A. Igniting fuse	12347	31 Jan. ..	15	15 Feb.*
Freeman, T. K., London, Eng. (See W. E. Hughes, No. 11560.)				
Friend, J. E., and another, Wellington, N.Z. Governor	12344	30 Jan. ..	15	15 Feb.*
Fullagar, H. F., and others, Newcastle-on-Tyne, Eng. Ring of blades for steam-turbine	12495	31 March ..	29	12 April.
Gamman, G. A., Dannevirke, N.Z. Cutter and cutter-head for wood-planing machine	12346	31 Jan. ..	18	1 March.*
Gardner, W., and another, Gloucester, Eng. Grader and dresser ..	12493	30 March ..	..
Gaut, J., Leichhardt, Sydney, N.S.W. Camera	12355	1 Feb. ..	15	15 Feb.*
Gibbon, E. A., Blenheim, N.Z. Hackling tow from flaxmill	12428	2 March ..	25	29 March.*
Gladstone, W. E., Invercargill, N.Z. Hair-pin	12364	2 Feb. ..	15	15 Feb.
Glover, M., Leicester, Eng. (See G. G. Turri, No. 11511.)				
Godward, E. R., Invercargill, N.Z. Tool for boring post-holes ..	12268	29 Dec., 1899..	2	4 Jan.*
Godward, E. R., Invercargill, N.Z. Lid for cans, &c.	12338	25 Jan. ..	9	1 Feb.*
Gold, F., Richmond, Vic. Nail	12259	22 Dec., 1899..	2	4 Jan.
Goldsworthy, R. H., Mullet Point, N.Z. Hoe-blade holder	12485	23 March ..	29	12 April.*
Goodwin, W. H., Toronto, Canada. Chart-blank	12370	8 Feb. ..	15	15 Feb.
Gould, C. H., Melbourne, Vic. Smoke-preventer and fuel-economiser	12263	28 Dec., 1899..	2	4 Jan.*
Graham, A. D., Brisbane, Queensland. Sharpening cutters of machine sheep-shears. (J. C. Barnes)	12466	16 March ..	25	29 March.
Grant, A., Auckland, N.Z. Method of disinfection	12470	13 March ..	25	29 March.*
Grant, D., and another, Wellington, N.Z. Closet-seat	11557	26 April ..	15	15 Feb.
Grant, J., and another, Wallacetown, N.Z. Drag-point for grain-coulter	12375	6 Feb. ..	21	15 March.
Gresham, H. E., Salford, Eng. Actuating brakes for railway-wagons	12350	31 Jan. ..	15	15 Feb.
Griffiths, W., Brunner, N.Z. Borehole sludge-and-water pump	12246	4 Dec., 1899..	2	4 Jan.*
Griffiths, W., Brunner, N.Z. Sinking boreholes	12247	4 Dec., 1899..	2	4 Jan.*
Gwynneth, A. de C., St. Kilda, Vic. Extension foot or boot	12292	10 Jan. ..	6	18 Jan.*
Haigh, H. W., Brooklyn, U.S.A. Elastic heel for shoes	12392	16 Feb. ..	18	1 March.
Hall, W., Invercargill, N.Z. Barb-wire-cutting attachment to rifle..	12419	20 Feb. ..	18	1 March.*
Hankins, J. H., and others, Palmerston North, N.Z. Hoist	12486	27 March ..	29	12 April.*
Hardy, F. E., Eltham, N.Z. Horse-cover	12352	31 Jan. ..	15	15 Feb.*
Harris, C. A., Levin, N.Z. Force-pump	12477	21 March ..	25	29 March.*
Harris, C. A., Levin, N.Z. Cricket-stumps	12480	22 March ..	25	29 March.*
Harris, J. J., and another, London, Eng. Saddle	12279	4 Jan. ..	6	18 Jan.*
Hartley, W. H., and another, London, Eng. Ore-roasting furnace..	11185	25 Nov., 1899..	9	1 Feb.
Hartley, W. H., and another, London, Eng. (See W. E. Hughes, No. 12349.)				
Hayhurst, E., Christchurch, N.Z. Conveyance	11448	14 March, 1899	6	18 Jan.
Hay, J., Ballance, N.Z. Clothes-washing appliance	12360	2 Feb. ..	15	15 Feb.
Healey, W., Timaru, N.Z. Slop-bucket and night-commode	12437	28 Feb. ..	25	29 March.*
Healey, W., Timaru, N.Z. Cesspan	12438	28 Feb. ..	25	29 March.*
Heales, M. G., Wellington, N.Z. Blanket for gold-saving	11598	8 May, 1899 ..	15	15 Feb.
Heir, W., Port Chalmers, N.Z. Rabbit-crate	12487	27 March ..	29	12 April.*
Hemingway, J., Spearfish, U.S.A. (See Universal Fuel Company, No. 12280.)				
Henning, H. H., Brisbane, Queensland. Bicycle-pump	12482	23 March ..	..
Herbert, A., Perth, W.A. Extracting gold	12446	8 March ..	21	15 March.*
Hewitt, G. F. J., and others, Brisbane, Queensland. Preserving meat	12417	22 Feb. ..	18	1 March.*
Hide, A., Dannevirke, N.Z. Machine for coiling wire-netting	12359	2 Feb. ..	15	15 Feb.*
Hill, E. R., Wilkesburg, U.S.A. (See W. E. Hughes, No. 12395.)				
Hood, T., and another, Patea, N.Z. Preparation for preventing iron-rust	12363	3 Feb. ..	18	1 March.*
Homes, J. L., and another, Blenheim, N.Z. Fire escape ladder. (J. and T. Patchett)	12407	19 Feb. ..	..
Horman, W., Waikiki, N.Z. Scoop for removing stack-butts, &c. ..	12319	15 Jan. ..	15	15 Feb.*
House, H., Oamaru, N.Z. Window-shade adjuster	12312	15 Jan. ..	9	1 Feb.*
Hughes, W. E., Wellington, N.Z. Fuse-block for electric circuit. (H. P. Davis)	11695	8 June, 1899..	6	18 Jan.
Hughes, W. E., Wellington, N.Z. Controller for electric motor. (H. P. Davis and G. Wright)	11941	31 Aug., 1899..	9	1 Feb.
Hughes, W. E., Wellington, N.Z. Electrical distribution. (B. G. Lamme)	12010	22 Sept., 1899..	9	1 Feb.
Hughes, W. E., Wellington, N.Z. Alternating-current generator. (B. G. Lamme)	12020	23 Sept., 1899..	9	1 Feb.
Hughes, W. E., Wellington, N.Z. Preservation of milk. (T. K. Freeman—T. Eves)	11560	26 April, 1899..	6	18 Jan.

ALPHABETICAL LIST OF APPLICANTS FOR LETTERS PATENT—continued.

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Hughes, W. E., Wellington, N.Z. Dynamo-electric machine. (B. G. Lamme)	11832	27 July, 1899 ..	9	1 Feb.
Hughes, W. E., Wellington, N.Z. Treating glycerine. (C. Ives) ..	12348	31 Jan. ..	21	15 March.
Hughes, W. E., Wellington, N.Z. Ore-roasting furnace. (W. A. Koneman and W. H. Hartley)	12349	31 Jan. ..	21	15 March.
Hughes, W. E., Wellington, N.Z. Electric lighting of railway vehicles. (E. R. Hill)	12395	16 Feb. ..	18	1 March.*
Hughes, W. E., Wellington, N.Z. Electric brake. (E. M. Tingley)	12396	16 Feb. ..	18	1 March.*
Hughes, W. E., Wellington, N.Z. Grinding-machine for barvesing-knives. (Plano Manufacturing Company—J. Macphail)	12257	21 Dec. ..	9	1 Feb.
Hurley, E. N., and another, Chicago, U.S.A. Direct-acting engine	12317	18 Jan. ..	9	1 Feb.
Hurry and Seaman's Patents, Limited, London, Eng. Refractory lining of rotary cement-furnace. (E. H. Hurry and H. J. Seaman)	12383	15 Feb. ..	18	1 March.
Hurry and Seaman's Patents, Limited, London, Eng. Manufacture of cement. (E. H. Hurry and H. J. Seaman)	12381	15 Feb. ..	18	1 March.
Hurry and Seaman's Patents, Limited, London, Eng. Manufacture of cement. (E. H. Hurry and H. J. Seaman)	12382	15 Feb. ..	18	1 March.
Hurry, E. H., and another, Bethlehem, U.S.A. (See Hurry and Seaman's Patents, Limited, No. 12381.)				
Hurry, E. H., and another, Bethlehem, U.S.A. (See Hurry and Seaman's Patents, Limited, No. 12382.)				
Hurry, E. H., and another, Bethlehem, U.S.A. (See Hurry and Seaman's Patents, Limited, No. 12383.)				
Imschenetzky, A., St. Petersburg, Russia. Manufacture of fire-resisting materials	12290	10 Jan. ..	6	18 Jan.
Ireland, R., Hunterville, N.Z. Fastening for boots and shoes ..	12412	21 Feb. ..	18	1 March.*
Irwin, P. S., and another, Dunedin, N.Z. Dredging ..	12406	20 Feb. ..	18	1 March.*
Ives, C., East Molesey, Eng. (See W. E. Hughes, No. 12348.)				
Jackson, A. B., Tuparoa, N.Z. Spur-fastener ..	12258	22 Dec., 1899 ..	2	4 Jan.*
Jackson, M. C., and others, Denver, U.S.A. Rock-drilling machine	12387	16 Feb. ..	18	1 March.
Jacobs, F., Apiti, N.Z. Threshing apparatus ..	12337	25 Jan. ..	9	1 Feb.
James, W. F., and another, Dunedin, N.Z. Gold-saving apparatus ..	12301	11 Jan. ..	6	18 Jan.*
Jennings, W. A., and another, Wellington, N.Z. Printers' galley ..	12272	3 Jan. ..	6	18 Jan.*
Jensen, D., Palmerston North, N.Z. Abdominal belt ..	12400	16 Feb. ..	25	29 March.
Jensen, H. C., Stanway, N.Z. Stump-jack ..	12289	10 Jan. ..	9	1 Feb.
Johnson and Co., Limited, S. H., Stratford, Eng. Extracting metals from ores. (S. H. Johnson and H. L. Sulman)	12327	20 Jan. ..	9	1 Feb.
Johnson, S. H., and another, Stratford, Eng. (See S. H. Johnson and Co., Limited, No. 12327.)				
Jones, F., Wellington, N.Z. Bicycle-tire ..	12443	7 March ..	21	15 March.*
Jones, H., Sydney, N.S.W. (See A. McDonald and E. E. Turner, No. 12384.)				
Jones, I., and another, Zeehan, Tasmania. Electro-magnetic separator	12447	6 March ..	21	15 March.*
Jones, L. M., and others, Toronto, Canada. (See Massey-Harris Company, Limited, No. 12435.)				
Jones, L. M., and others, Toronto, Canada. (See Massey-Harris Company, Limited, No. 12436.)				
Jones, W. P., and another, St. Martin's, Cornwall, Eng. Match ..	12251	21 Dec., 1899 ..	2	4 Jan.
Kershaw, B., Manchester, Eng. Manufacture of fabrics for covering meat	12414	22 Feb. ..	18	1 March.*
Kimman, H. J., Chicago, U.S.A. Pneumatic drill ..	12276	4 Jan. ..	6	18 Jan.
Kimman, H. J., Chicago, U.S.A. Pneumatic riveting-apparatus ..	12456	12 March ..	25	29 March.
Kimman, H. J., and another, Chicago, U.S.A. Direct-acting engine	12317	18 Jan. ..	9	1 Feb.
Kingsland, W., London, Eng. Electrical traction ..	12393	16 Feb. ..	18	1 March.
Kingsland, W., London, Eng. Studs for electric traction ..	12394	16 Feb. ..	18	1 March.
Kinsella, J. A., Wellington, N.Z. Milk-can ..	12498	30 March ..	29	12 April.
Knietsch, R., Ludwigshafen-on-Rhine, Germany. (See Badische-Anilin and Soda-Fabrik, No. 11890.)				
Knight, J., and another, Wellington, N.Z. Printers' galley ..	12272	3 Jan. ..	6	18 Jan.*
Knocks, A. J., Otaki, N.Z. Medicine for horses ..	11443	14 March, 1899 ..	9	1 Feb.
Koeck, M., Oskosh, Wis., U.S.A. Fabric ..	12490	30 March ..	29	12 April.
Koneman, W. A., and another, London, Eng. Ore-roasting furnace	11185	25 Nov., 1899 ..	9	1 Feb.
Koneman, W. A., and another, London, Eng. (See W. E. Hughes, No. 12349.)				
Lamberg, J., Wellington, N.Z. Windmill ..	11669	3 June, 1899 ..	21	15 March.
Lamme, B. G., Pittsburg, U.S.A. Electrical distribution and regulation	11678	6 June, 1899 ..	2	4 Jan.
Lamme, B. G., Pittsburg, U.S.A. Synchronous motor ..	11696	8 June, 1899 ..	2	4 Jan.
Lamme, B. G., Pittsburg, U.S.A. (See J. P. Campbell, No. 12030.)				
Lamme, B. G., Pittsburg, U.S.A. (See J. P. Campbell, No. 12397.)				
Lamme, B. G., Pittsburg, U.S.A. (See British Westinghouse Electric and Manufacturing Company, Limited, No. 12444.)				
Lamme, B. G., Pittsburg, U.S.A. (See British Westinghouse Electric and Manufacturing Company, Limited, No. 12448.)				
Lamme, B. G., Pittsburg, U.S.A. (See W. E. Hughes, No. 11832.)				
Lamme, B. G., Pittsburg, U.S.A. (See W. E. Hughes, No. 12010.)				
Lamme, B. G., Pittsburg, U.S.A. (See W. E. Hughes, No. 12020.)				
Lamme, B. G., and another, Pittsburg, U.S.A. (See J. P. Campbell, No. 12029.)				
Lane, C. T., and another, Blenheim, N.Z. Fire-escape ladder. (J. and T. Patchett)	12407	19 Feb. ..	..	..

ALPHABETICAL LIST OF APPLICANTS FOR LETTERS PATENT—continued.

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Lane, T. E., and others, S. Kensington, Eng. Bottle ..	12491	30 March ..	29	12 April.
Lewington, T. M., Lyttelton, N.Z. Fly-paper holder ..	12283	5 Jan. ..	6	18 Jan.*
Lichtenberg-Madsen, D., Odense, Denmark. Reproduction of cliches, stamps, &c., in cellulose	12390	16 Feb. ..	18	1 March
Lindsey, G., Arncliffe, N.S.W. Propelling vessels ..	12264	28 Dec., 1899..	2	4 Jan.*
Ljungström, B., Stockholm, Sweden. (See E. Waters, No. 12478.)				
Lochhead, R., Dunedin, N.Z. Boiler-flange ..	12450	5 March ..	..	..
Loudon, J., Dunedin, N.Z. Device for preserving fold in crown of soft hat	12398	16 Feb. ..	18	1 March.*
Lovegrove, G., Napier, N.Z. Horse-box for shipping horses ..	12358	30 Jan. ..	15	15 Feb.*
Luke, S. J., and another, Dunedin, N.Z. Dredging ..	12406	20 Feb. ..	18	1 March.*
Luxford, W. L., and others, Palmerston North, N.Z. Hoist ..	12486	27 March ..	29	12 April.*
Macalister, J., Invercargill, N.Z. Turnip-thinner and disc-ridger ..	12299	6 Jan. ..	6	18 Jan.*
Mackenzie, J. B., New Brighton, N.Z. Housemaid's knee-pad ..	12295	8 Jan. ..	6	18 Jan.*
Mackenzie, J. B., New Brighton, N.Z. Housemaid's knee-pad ..	12365	3 Feb. ..	18	1 March.*
MacMeikan, N. H., Melbourne, Vic. Rabbit-crate ..	12418	22 Feb. ..	18	1 March.*
Maophaill, J., Blue Island, U.S.A. (See W. E. Hughes, No. 12257.)				
Maopheron, A., and another, Wellington, N.Z. Closet-seat Madsen, Lichtenberg-. (See under L.)	11557	26 April, 1899..	15	15 Feb.
Mailer, M., and another, Carlton, Vic. Earth- or rock-drill ..	12464	16 March ..	25	29 March.*
Mainland, H. L., Burke's, N.Z. Hair-pin ..	12310	13 Jan. ..	9	1 Feb.
Mainland, H. L., Burke's, N.Z. Animal-trap ..	12175	11 Nov., 1899..	9	1 Feb.
Malfroy, C. M., Wellington, N.Z. Snatch-block ..	12308	16 Jan. ..	6	18 Jan.*
Mallett, J. P., and another, Pittsburg, U.S.A. (See J. P. Campbell, No. 12029.)				
Mason, W. N. E., and another, Wellington, N.Z. Jug for milk ..	12083	13 Oct., 1899 ..	25	29 March.
Massey-Harris Company, Limited, Toronto, Canada. Self-binding harvester. (L. M. Jones, C. McLeod, and F. D. Mercer)	12435	3 March ..	21	15 March.
Massey-Harris Company, Limited, Toronto, Canada. Mower. (L. M. Jones, W. J. Clokey, and C. McLeod)	12436	3 March ..	21	15 March.
Maxwell, J., and another, Mataura, N.Z. Gold-saving screen ..	12475	16 March ..	25	29 March.
Mayer, T. J., and others, Washington, U.S.A. Making dough for bread	12385	23 Jan. ..	9	1 Feb.
McConchie, W., and another, Nelson, N.Z. Butter-churn ..	12345	27 Jan. ..	15	15 Feb.
McDonald, A., and another, Sydney, N.S.W. Tobacco-cutting machine. (H. Jones)	12384	15 Feb. ..	18	1 March.
McDonough, J., and others, Denver, U.S.A. Rock-drilling machine	12387	16 Feb. ..	18	1 March.
McGeorge, J. C., Dunedin, N.Z. Screen for gold-saving dredge ..	11886	16 Dec., 1899..	9	1 Feb.
McGregor, E., Mangaonoho, N.Z. Excavating and dredging earth..	12340	25 Jan. ..	15	15 Feb.
McInnes, J., Kaurihore, N.Z. Dressing flax ..	12329	23 Jan. ..	9	1 Feb.*
McKail, L. A. M., Auburn, Vic. Sash-fastener ..	11819	17 July, 1899 ..	25	29 March.
McKinnon, J., Whareora, N.Z. Buckle ..	12489	28 March ..	29	12 April.*
McLeod, C., and others, Toronto, Canada. (See Massey-Harris Com- pany, Limited, No. 12435.)				
McLeod, C., and others, Toronto, Canada. (See Massey-Harris Com- pany, Limited, No. 12436.)				
McNeil, A. H., Coromandel, N.Z. Mine-ventilator ..	12318	18 Jan. ..	15	15 Feb.*
McPhee, J. A., Dunedin, N.Z. Can-opener ..	12182	15 Nov., 1899..	9	1 Feb.
McRae, J., and others, London, Eng. Bottle ..	12491	30 March ..	29	12 April.
Mercer, F. D., and others, Toronto, Canada. (See Massey-Harris Company, Limited, No. 12435.)				
Mershon, R. D., New York, U.S.A. (See J. P. Campbell, No. 11919.)				
Miller, K., London, Eng. Rendering ore friable ..	12431	1 March ..	21	15 March.
Mills, A. E., Braxholme, Vic. Car-couplings ..	12461	16 March ..	25	29 March.*
Milne, A., Marrickville, N.S.W. Safety-attachment to prevent sink- ing of vessel on loss of propeller	12265	28 Dec., 1899..	2	4 Jan.*
Milne, C. W., and another, London, Eng. Electric arc-lamp ..	12373	8 Feb. ..	15	15 Feb.
Mitchell, J. W., and another, Mosgiel, N.Z. Branding carcasses ..	12402	19 Feb. ..	18	1 March.*
Mitchell, T., Tairua, N.Z. Rat-trap ..	12494	29 March ..	29	12 April.
Moorhouse, T. E., Christchurch, N.Z. Electrical connector for trains	12357	30 Jan. ..	..	..
Morgan, W. J., Wellington, N.Z. Method of giving instruction in the measurement of timber	12311	16 Jan. ..	9	1 Feb.*
Morris, L., and another, Dunedin, N.Z. Temperature indicator ..	12316	18 Jan. ..	9	1 Feb.*
Morris, W., Christchurch, N.Z. Device for locking bicycle-wheel ..	11568	25 April, 1899..	9	1 Feb.
Mower, E. F., and another, Boston, U.S.A. (See United Shoe Machinery Company, No. 12372.)				
Moyer, E. N., Toronto, Canada. Chart-drawing instrument ..	12374	8 Feb. ..	15	15 Feb.
Muir, W. J., Poowong East, Vic. Bucket-support ..	12424	28 Feb. ..	21	15 March.
Murray, J. D., and another, Wellington, N.Z. Treating wool locks and dags	11642	23 May, 1899..	18	1 March.
Nable, D., Redfern, N.S.W. Cleaning rails of tramways ..	12465	16 March ..	25	29 March.
Naismith, J. C., Taieri, N.Z. Straw-elevator for thresher..	12496	28 March ..	29	12 April.
Nevill, F. A., Portland, Vic. Steam-cooker ..	12434	3 March ..	21	15 March.*
Nicol, J., and another, Wellington, N.Z. Valve ..	12307	15 Jan. ..	6	18 Jan.*
Nielsen, L. C., and another, Copenhagen, Denmark. Foam-removing apparatus	12314	18 Jan. ..	9	1 Feb.
Norrell, W., and another, Wellington, N.Z. Treating wool locks and dags	11642	23 May, 1899..	18	1 March.
Oblsson, O., Sodertelje, Sweden. Separator ..	12351	31 Jan. ..	15	15 Feb.
Olsen, F. C. J., Invercargill, N.Z. Twine-holder ..	12320	15 Jan. ..	9	1 Feb.*
Olsen, F. J., Invercargill, N.Z. Seat for water-closet ..	12430	1 March ..	21	15 March.*
Olsen, F. J., and another, Invercargill, N.Z. Filtering water ..	12404	20 Feb. ..	18	1 March.
Olsen, F. J., Invercargill, N.Z. Water-filtering apparatus ..	12453	9 March ..	21	15 March.*
Olsen, F. J., and another, Invercargill, N.Z. Purifying water ..	12245	15 Dec., 1899..	2	4 Jan.*
Oxenham, S., Makauri, N.Z. Hopper for spouting ..	12376	12 Feb. ..	15	15 Feb.*

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Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Park, J. R., Dunedin, N.Z. Gold-saving apparatus	12267	29 Dec., 1899..	2	4 Jan.*
Parsons, C. A., and others, Newcastle-on-Tyne, Eng. Ring of blades for steam-turbine	12495	31 March ..	29	12 April.
Patchett, J., and another, Blenheim, N.Z. (See J. L. Homes and C. T. Lane, No. 12407.)				
Patchett, T., and another, Blenheim, N.Z. (See J. L. Homes and C. T. Lane, No. 12407.)				
Pellew, W. F., and another, Nelson, N.Z. Butter-churn	12345	27 Jan. ..	15	15 Feb.
Perkins, T. S., Idlewood, U.S.A. Starting-mechanism for electric motor	11691	8 June, 1899	2	4 Jan.
Perkins, R., and another, Ucolta, S.A. Loading-elevator	12228	7 Dec., 1899..	15	15 Feb.
Petersen, P. V., and another, Copenhagen, Denmark. Foam-removing apparatus	12314	18 Jan. ..	9	1 Feb.
Pettitt, H., Kaikorai, N.Z. Package-filling machine	12321	16 Jan. ..	9	1 Feb.
Philp, J. A. P., Sydenham, N.Z. Guard for bicycle-chain	12441	1 March ..	21	15 March.*
Plano Manufacturing Company, Chicago, U.S.A. (See W. E. Hughes, No. 12257)				
Pullen, A. R., Sydney, N.S.W. Rail butt-joints and fish-plate fastenings	12266	28 Dec., 1899..	2	4 Jan.
Poulsen, V., Copenhagen, Denmark. Magnetic message-receiving apparatus	12255	21 Dec., 1899..	18	1 March.
Purser, H. A., Wanganui, N.Z. Cushion for billiard-table	12488	27 March ..	29	12 April.*
Rabbidge, P., Sydney, N.S.W. Switching-appliance for telephone ..	12298	8 Jan. ..	9	1 Feb.
Ramsay, W. E., St. Albans, N.Z. Sash-weights	11966	6 Sept., 1899..	6	18 Jan.
Raymond, F. V., and another, Invercargill, N.Z. Shirts, and means of securing cuffs and collars thereto	12473	20 March ..	25	29 March.*
Raymond, F. V., and another, Invercargill, N.Z. Fastener for shirt-collar	12474	20 March ..	25	29 March.*
Reeves, H. J., and another, Dunedin, N.Z. Gold-saving apparatus..	12301	11 Jan. ..	6	18 Jan.*
Reeves, L. G., Dunedin, N.Z. Construction of pontoon for gold-dredge	12459	12 March ..	25	29 March.
Renner, G., and another, Kaikoura, N.Z. Branding-mixture	12286	8 Jan. ..	6	18 Jan.*
Renner, G., and another, Kaikoura, N.Z. Branding wool-bales, &c. Revolving Heel Company, Burnley, Eng. (See A. Tindill, No. 11874.)	12287	8 Jan. ..	6	18 Jan.*
Rich, F. A., Karangahake, Auckland, N.Z. Bicycle driving-gear ..	12296	8 Jan. ..	6	18 Jan.*
Richards, A., Auckland, N.Z. Woven-wire mattress	12471	16 March ..	25	29 March.*
Rigg, H. T., Bunbury, W. A. (See H. L. Spring, No. 12409.)				
Rigg, H. T., Bunbury, W. A. (See H. L. Spring, No. 12410.)				
Roberts, E., Dunedin, N.Z. Dredge-elevator	12497	30 March ..	..	..
Roberts, H., Auckland, N.Z. Window-screen	11857	1 Aug., 1899 ..	15	15 Feb.
Robertson, G. R., Sydney, N.S.W. Fastening for hoop-irons	12385	12 Feb. ..	18	1 March.
Ross, J., and another, Glasgow, Scotland. Explosives	12388	16 Feb. ..	18	1 March.
Rudd, E. W., Melbourne, Vic. Gear and motor for self-propelled vehicle. (W. Baines)	12252	21 Dec., 1899 ..	9	1 Feb.
Sadtler, B., Denver, U.S.A. (See A. G. Clark, No. 12425.)				
Sadtler, B., Denver, U.S.A. (See A. G. Clark, No. 12426.)				
Sadtler, B., Denver, U.S.A. (See A. G. Clark, No. 12427.)				
Sandow, E., London, Eng. Dumb-bell	12256	21 Dec., 1899 ..	2	4 Jan.
Sawers, J., and another, Wellington, N.Z. Governor	12344	30 Jan. ..	15	15 Feb.*
Schadick, J. F. W., and another, Westport, N.Z. Quicksilver-injector	12146	1 Nov., 1899 ..	15	15 Feb.
Schmidt, W., Wilhelmshöhe, Germany. Drying and superheating wet steam	12304	13 Jan. ..	6	18 Jan.
Schmidt, W., Wilhelmshöhe, Germany. Regulating superheated steam in compound engines	12305	13 Jan. ..	6	18 Jan.
Schmidt, W., Wilhelmshöhe, Germany. Compound machine	12306	13 Jan. ..	18	1 March.
Scott, C. F., Pittsburg, U.S.A. System of electrical distribution ..	11615	12 May, 1899 ..	2	4 Jan.
Scott, J., Invercargill, N.Z. Flax-dust for bedding, &c.	12484	22 March ..	..	..
Seaman, H. J., and another, Catasaquua, U.S.A. (See Hurry and Seaman's Patents, Limited, No. 12381.)				
Seaman, H. J., and another, Catasaquua, U.S.A. (See Hurry and Seaman's Patents, Limited, No. 12382.)				
Seaman, H. J., and another, Catasaquua, U.S.A. (See Hurry and Seaman's Patents, Limited, No. 12383.)				
Seaton, D. M., San Francisco, U.S.A. Loom	12121	27 Oct., 1899 ..	9	1 Feb.
Sband, A. M., and others, Queensport, Queensland. Preserving meat	12417	22 Feb. ..	18	1 March.*
Shaw, E., London, Eng. Cooking-apparatus	12270	30 Dec., 1899..	6	18 Jan.
Shaw, H., Leeston, N.Z. Fastening for horse-cover	12479	20 March ..	25	29 March.*
Shaw, S. W., New Plymouth, N.Z. Fence	12405	20 Feb. ..	18	1 March.*
Sherrin, Vaughan-. (See under V.)				
Simmonds, R., Coromandel, N.Z. Candle-holder	12275	3 Jan. ..	6	18 Jan.*
Simpson, H. V., London, Eng. Treatment of wood to render it non-flammable	12291	31 May, 1899†	..	..
Simpson, R. A., Wright's Bush, Southland, N.Z. Hat-pin	12399	15 Feb. ..	21	15 March.
Sinclair, A., Patea, N.Z. Cask-stave-jointing machine	11997	19 Jan. ..	15	15 Feb.
Skelton, R., Dublin, Ireland. Cycling-skirt	12328	4 April, 1899†	18	1 March.
Skillicoorn, A., Gisborne, N.Z. Wool-press	12323	17 Jan. ..	9	1 Feb.*
Smith, A., Onehunga, N.Z. Tips for racehorses	12408	16 Feb. ..	18	1 March.*
Smith, A., Oringi, N.Z. Machine for cleaning sheep-dags	12269	29 Dec., 1899 ..	2	4 Jan.
Smith, G. T., and another, Gloucester, Eng. Dresser and grader ..	12493	30 March ..	..	..
Spring, H. L., Perth, W.A. Amalgamation of ores. (H. T. Rigg) ..	12409	21 Feb. ..	18	1 March.
Spring, H. L., Perth, W.A. Ball-cradle for crushing ores. (H. T. Rigg)	12410	21 Feb. ..	18	1 March.
Stewart, J., Campbelltown, N.Z. Bottle	12421	21 Feb. ..	18	1 March.*
St. George, R., Otahuhu, N.Z. Plough	12136	30 Oct., 1899 ..	21	15 March.
Stirling Boiler Company, Limited, and another, Edinburgh, Scotland. Water-tube boiler	12239	14 Dec., 1899 ..	9	1 Feb.

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Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Stirling, G., Dunedin, N.Z. Drop-plate for dredge	12483	22 March ..	29	12 April.
Stoney, G. G., and others, Newcastle-on-Tyne, Eng. Ring of blades for steam-turbine	12495	31 March ..	29	12 April.
Stonyer, J. W., Christchurch, N.Z. Plough	12439	3 March ..	21	15 March.
Storrie, A., Invercargill, N.Z. Ridge-drill	12284	4 Jan. ..	6	18 Jan.
Storrie, A., and another, Invercargill, N.Z. Drag-point for grain-coulter	12375	6 Feb. ..	21	15 March.
Story, J. W., and another, Melbourne, Vic. Rabbit crate	12334	23 Jan. ..	9	1 Feb.*
Sulman, H. L., and another, London, Eng. (See S. H. Johnson and Co., Limited, No. 12327.)				
Sulphides Reduction (New Process), Limited, The, London, Eng. Treating ores. (F. Ellershausen)	12467	19 March ..	25	29 March.*
Swann, J., and another, Brim, Vic. Elevator for loading purposes	12228	7 Dec., 1899..	15	15 Feb.
Swinburne, J., and another, London, Eng. Treatment of sulphide ores	12282	11 July, 1899†	6	18 Jan.
Tabard, G., Lyon, France. Acetylene-gas generator	12469	19 March ..	..	..
Talbot, A. F., Christchurch, N.Z. Contrivance for securing shelving in position	12322	17 Jan. ..	15	15 Feb.*
Taylor, C. H., Montreal, Canada. Rotary engine	12371	8 Feb. ..	15	15 Feb.
Taylor, J., Dunedin, N.Z. Rabbit-crate	11543	18 April, 1899..	6	18 Jan.
Taylor, T. L., Melbourne, Vic. Advertising contrivance	11710	12 June, 1899..	18	1 March.
Temperley, J., Marton, N.Z. Fastening for horse-cover	11776	8 July, 1899..	2	4 Jan.
Temple, G. T., and others, London, Eng. Bottle	12491	30 March ..	29	12 April.
Tennant, J., Oroua Bridge, N.Z. Flax-stripper chair	12413	22 Feb. ..	21	15 March.*
Thomas, E., Auckland, N.Z. Stopping growth of marketable onions	12244	15 Dec., 1899..	2	4 Jan.
Thomson, E., Brisbane, Queensland. Horse-collar	12278	4 Jan. ..	18	1 March.
Thomson, J., Invercargill, N.Z. Lifting gold	12222	2 Dec., 1899..	2	4 Jan.*
Tindill, A., Wellington, N.Z. Heel-pad. (Revolving Heel Company—G. Wood)	11874	10 Aug., 1899..	9	1 Feb.*
Tingley, E. M., Pittsburg, U.S.A. (See W. E. Hughes, No. 12396.)				
Todd, W., Sydney, N.S.W. Sheep-dip	12460	16 March ..	..	..
Toft, E., and another, London, Eng. Saddle	12279	4 Jan. ..	6	18 Jan.*
Toms, E., Wellington, N.Z. Cowl	12380	15 Feb. ..	18	1 March.
Tremain, W., Auckland, N.Z. Draught-hook	12260	27 Dec., 1899..	2	4 Jan.*
Treweek, F., and another, Whenuakura, N.Z. Preparation for preventing iron-rust	12363	3 Feb. ..	18	1 March.*
Tropenas, A., Paris, France. Manufacture of steel	12429	1 March ..	21	15 March.
Turner, E. E., and another, Sydney, N.S.W., and Melbourne, Vic. Tobacco-cutting machine. (H. Jones)	12384	15 Feb. ..	18	1 March.
Turri, G. G., Melbourne, Vic. Trunk or case. (M. Glover.)	11511	6 April, 1899..	15	15 Feb.
Tyson, J., Rongahere, N.Z. Gold-saving and cloth-washing machine	11638	22 May, 1899..	21	15 March.
United Shoe Machinery Company, New Jersey, U.S.A. Stitch-forming and finishing machine. (E. F. Mower and P. A. Coupal)	12372	8 Feb. ..	21	15 March.
Universal Fuel Company, Chicago, U.S.A. Making coke. (J. Hemingway)	12280	4 Jan. ..	..	..
Vaughan-Sherrin, J., Westminster, Eng. Manufacture of varnish, &c.	12326	20 Jan. ..	9	1 Feb.
Verey, W. A., Oamaru, N.Z. Railway road-lever	12449	5 March ..	21	15 March.*
Vivian, T., Auckland, N.Z. Means for keeping salt in powdered state	12403	20 Feb. ..	18	1 March.*
Wales, R., and another, Invercargill, N.Z. Shirt and means of securing cuffs and collars thereto	12473	20 March ..	25	29 March.*
Wales, R., and another, Invercargill, N.Z. Fastener for shirt-collar	12474	20 March ..	25	29 March.*
Ward, H., Camberwell, Vic. Door-closing mechanism	12416	22 Feb. ..	18	1 March.*
Waschatz, O., Richmond, Vic. Coffin	12300	11 Jan. ..	6	18 Jan.*
Waterman, C. H., Pompton Plains, U.S.A. Process of enamelling	12325	20 Jan. ..	9	1 Feb.
Waters, E., Melbourne, Vic. Steam-engine. (B. Ljungström)	12478	21 March ..	25	29 March.*
Watts, B. E., Wellington, N.Z. Displaying photos	12366	5 Feb. ..	15	15 Feb.*
Webster, G., Parramatta, N.S.W. Extracting gold	12313	18 Jan. ..	9	1 Feb.
Welaby, J., Wellington, N.Z. Dredging machinery	12242	18 Dec., 1899..	2	4 Jan.*
Whitmore, E. H., and another, Invercargill, N.Z. Filtering water	12404	20 Feb. ..	18	1 March.
Whitmore, E. H., and another, Invercargill, N.Z. Purifying water	12245	15 Dec., 1899..	2	4 Jan.*
Williamson, J., Dunedin, N.Z. Drift-diverting attachment for dredge-buckets	12499	29 March ..	29	12 April.
Wilson, R. A., Bull's, N.Z. Grass-seed-cleaning machine	12332	23 Jan. ..	9	1 Feb.*
Wood, G., Burnley, Eng. (See A. Tindill, No. 11874.)				
Wood, W., Dunedin, N.Z. Hair-pin	12420	24 Feb. ..	18	1 March.*
Wright, G., and another, Wilkinsburg, U.S.A. (See W. E. Hughes, No. 11941.)				
Wright, G., and another, Wilkinsburg, U.S.A. (See J. P. Campbell, No. 11948.)				
Wright, G., and another, Wilkinsburg, U.S.A. (See J. P. Campbell, No. 11897.)				
Wright, G., and others, Wilkinsburg, U.S.A. Controller for electric motor	11731	22 June, 1899	6	18 Jan.
Wright, J., and another, Wellington, N.Z. Milk-jug	12083	13 Oct., 1899..	25	29 March.
Wright, J., and another, Mosgiel, N.Z. Branding carcasses	12402	19 Feb. ..	18	1 March.*
Wrigley, F. H., Opaki, N.Z. Lifting-jack	12288	8 Jan. ..	6	18 Jan.*
Wurts, A. J., and others, Pittsburg, U.S.A. Controller for electric motor	11731	22 June, 1899	6	18 Jan.
Wylde, A. H., and others, Palmerston North, N.Z. Hoist	12486	27 March ..	29	12 April.*
Young, P. C. K., Lawrence, N.Z. Raising water	12302	11 Jan. ..	9	1 Feb.*
Young, R., and another, Dunedin, N.Z. Temperature-indicator	12316	18 Jan. ..	9	1 Feb.*

Alphabetical List of Inventions for Quarter ending 31st March, 1900.

THIS list includes also applications lodged prior to but gazetted during the quarter, and complete specifications following provisional specifications, and gazetted during the quarter. Where the number and date of the Gazette are omitted, the application has not yet been accepted.

* Denotes a provisional specification.

† Denotes a prior date under section 106 of "The Patents, Designs, and Trade Marks Act, 1889."

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Abdominal belt	D. Jensen	12400	16 Feb. ..	25	29 Mar.
Acetylene-gas generator	C. J. Cooze	12377	12 Feb. ..	21	15 Mar.*
Advertising apparatus	T. L. Taylor	11710	12 June, 1899	18	1 Mar.
Advertising device	W. Blaker	12250	21 Dec., 1899	2	4 Jan.
Alarm. (See Railway-crossing alarm.)					
Alimentary substances, Preservation of	L. L. Carpentier	12476	19 Mar. ..	25	29 Mar.
Alternating current generator	W. E. Hughes	12020	28 Sept., 1899	9	1 Feb.
Amalgamation of ores, Filtro-	H. L. Spring	12409	21 Feb. ..	18	1 Mar.
Anhydride, Manufacture of sulphuric	Badische Anilin and Soda Fabrik	11890	14 Aug., 1899	2	4 Jan.
Animal trap	H. L. Mainland	12175	11 Nov., 1899	9	1 Feb.
Auto-vehicle	E. W. Rudd	12252	21 Dec., 1899	9	1 Feb.
Belt, Abdominal	D. Jensen	12400	16 Feb. ..	25	29 Mar.
Bicycle chain-guard	J. A. P. Philp	12441	1 Mar. ..	21	15 Mar.*
Bicycle driving-gear	F. A. Rich	12296	8 Jan. ..	6	18 Jan.*
Bicycle tire	F. Jones	12443	7 Mar. ..	21	15 Mar.*
Billiard-table cushion	H. A. Purser	12488	27 Mar. ..	29	12 April.*
Blanketing, Gold-saving	M. G. Heeles	11598	8 May, 1899	15	15 Feb.
Bleacher, Flax	F. Clifford	12261	21 Dec., 1899	2	4 Jan.*
Blight destroyer	E. O. Blackwell	12333	23 Jan. ..	9	1 Feb.
Block. (See Fuse-block, House-block, Snatch-block.)					
Boiler. (See Cooking-range boiler, water-tube boiler.)					
Boiler-flange	R. Lochhead	12450	5 Mar. ..	..	..
Book	C. L. Benedict	12391	16 Feb. ..	18	1 Mar.
Boot, Extension-	A de C. Gwynneth	12292	10 Jan. ..	6	18 Jan.*
Boot fastener	R. Ireland	12412	21 Feb. ..	18	1 Mar.*
Boot-heel protector	A. Tindill	11874	10 Aug., 1899	9	1 Feb.*
Bore-hole pump	W. Griffiths	12246	4 Dec., 1899	2	4 Jan.*
Bore-hole sinking apparatus	W. Griffiths	12247	4 Dec., 1899	2	4 Jan.*
Boring-tool, Post-hole	E. R. Godward	12268	29 Dec., 1899	2	4 Jan.*
Bottle	T. E. Lane, G. T. Temple, and J. McRae	12491	30 Mar. ..	29	12 April.
Bottle, Non-refillable	J. Stewart	12421	21 Feb. ..	18	1 Mar.*
Box, Horse-shipping	G. Lovegrove	12358	30 Jan. ..	15	15 Feb.*
Brake. (See Electric-brake, Railway-brake.)					
Brake-strap	T. Firth	12354	1 Feb. ..	15	15 Feb.*
Branding	G. Allen	12442	6 Mar. ..	21	15 Mar.*
Branding	J. Wright and J. W. Mitchell	12402	19 Feb. ..	18	1 Mar.*
Branding apparatus	A. J. Cumming	11663	30 May, 1899	21	15 Mar.*
Branding apparatus	A. J. Cumming	12362	16 Feb. ..	18	1 Mar.*
Branding appliance	G. Renner and W. H. Boyens	12287	8 Jan. ..	6	18 Jan.*
Branding instrument	J. A. Dewhirst	12411	21 Feb. ..	18	1 Mar.*
Branding mixture	G. Renner and W. H. Boyens	12286	8 Jan. ..	6	18 Jan.*
Breaker, Circuit-	J. B. Campbell	11897	16 Aug., 1899	15	15 Feb.
Bucket. (See Dredge-bucket, Slop-bucket.)					
Bucket-support	W. J. Muir	12424	23 Feb. ..	21	15 Mar.
Buckle	J. McKinnon	12489	28 Mar. ..	29	12 April.*
Building-pile	R. O. Clark, jun.	12336	24 Jan. ..	..	..
Butter-cooler	E. E. Earle	12341	23 Jan. ..	9	1 Feb.*
Camera	J. Gaut	12355	1 Feb. ..	15	15 Feb.*
Candle-holder	R. Simmonds	12275	3 Jan. ..	6	18 Jan.*
Candle-holder	W. H. Boyens	12285	8 Jan. ..	6	18 Jan.*
Can. (See Milk-can.)					
Can-lid	E. R. Godward	12338	25 Jan. ..	9	1 Feb.*
Can-opener	J. A. McPhee	12182	15 Nov., 1899	9	1 Feb.
Carbine, Wire-cutting attachment for	W. Hall	12419	20 Feb. ..	18	1 Mar.*
Car coupling	A. Dornbusch	12262	27 Dec., 1899	2	4 Jan.*
Car coupling	Darling's Patent Automatic Coupling (Limited)	12389	16 Feb. ..	25	29 Mar.
Car coupling	A. G. Blackwell	12462	16 Mar. ..	25	29 Mar.
Car coupling	A. E. Wills	12461	16 Mar. ..	25	29 Mar.
Case	G. G. Turri	11511	6 April, 1899	15	15 Feb.
Caster, Furniture	A. L. Cummings	12433	28 Feb. ..	..	28 Feb.
Cement, Manufacture of	Hurry and Seaman's Patents (Limited)	12381	15 Feb. ..	18	1 Mar.
Cement, Manufacture of	Hurry and Seaman's Patents (Limited)	12382	15 Feb. ..	18	1 Mar.
Centrifugal separator	O. Ohlsson	12351	31 Jan. ..	15	15 Feb.
Cess-pan	W. Healey	12438	28 Feb. ..	25	29 Mar.*
Chain-guard, Cycle	J. A. P. Philp	12441	1 Mar. ..	21	15 Mar.*
Chair	T. W. Coulthard	12432	28 Feb. ..	21	15 Mar.*
Chart blank	W. H. Goodwin	12370	8 Feb. ..	15	15 Feb.
Chart drawing instrument	E. N. Moyer	12374	8 Feb. ..	15	15 Feb.
Chimney-cowl	E. Toms	12380	15 Feb. ..	18	1 Mar.
Churn	W. F. Pellew and W. McConchie	12345	27 Jan. ..	15	15 Feb.
Circuit-breaker	J. P. Campbell	11897	16 Aug., 1899	15	15 Feb.
Circuit, Fuse-block for electric.	W. E. Hughes	11695	8 June, 1899	6	18 Jan.

ALPHABETICAL LIST OF INVENTIONS—continued.

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Cleaner. (See Seed-cleaner, Tram-rail cleaner).					
Cliche or stamp, Cellulose	D. Lichtenberg-Madsen	12390	16 Feb.	18	1 Mar.
Clipper. (See Horse-clipper.)					
Closet-seat cover	F. J. Olsen	12430	1 Mar.	21	15 Mar.*
Closet-seat cover	D. Grant and A. Macpherson	11557	26 April, 1899	15	15 Feb.
Clothes wringer	S. Boyle	12294	8 Jan.	6	18 Jan.*
Cloth-washing machine for gold-saving appliance	J. Tyson	11638	22 May, 1899	21	15 Mar.
Cocoa, Manufacture of, with milk	A. Denaeyer	12014	2 Feb., 1899†	15	15 Feb.
Coffin	O. Wuschatz	12300	11 Jan.	6	18 Jan.*
Coiler, Wire-netting	A. Hide	12359	2 Feb.	15	15 Feb.*
Coke-making process	Universal Fuel Company	12280	4 Jan.		
Collar. (See Horse-collar, Shirt-collar.)					
Combs, Sharpener for sheepshear	A. D. Graham	12466	16 Mar.	25	29 Mar.
Commode	W. Healey	12437	28 Feb.	25	29 Mar.*
Compound engine	W. Schmidt	12306	13 Jan.	18	1 Mar.
Compressor, Cupel	F. W. Braun	12356	1 Feb.	15	15 Feb.
Concentrating apparatus, Liquid	E. Shaw	12270	30 Dec., 1899	6	18 Jan.
Contact stud for electric traction	W. Kingsland	12394	16 Feb.	18	1 Mar.
Controller for electric motor	H. P. Davis, G. Wright, and A. J. Wurts	11731	22 June, 1899	6	18 Jan.
Controller for electric motor	W. E. Hughes	11941	31 Aug., 1899	9	1 Feb.
Connector for trains, Electrical-Conveyance	T. E. Moorhouse	12357	30 Jan.		
Cooker, Steam	E. Hayhurst	11448	14 Mar., 1899	6	18 Jan.
Cooking-apparatus	F. A. Nevill	12434	3 Mar.	21	15 Mar.*
Cooking-range boiler	E. Shaw	12270	30 Dec., 1899	6	18 Jan.
Cooler. (See Butter-cooler.)	T. Danks	12330	19 Jan.	15	15 Feb.*
Coulter, Drag-point for grain	J. Grant and A. Storrie	12375	6 Feb.	21	15 Mar.
Coupling. (See Car coupling, Railway-car coupling.)					
Cover. (See Horse-cover, Closet-seat cover.)					
Cowl. (See Chimney-cowl, Ventilator-cowl.)					
Crate. (See Rabbit-crate.)					
Cream temperature controller	J. Anderson	12274	3 Jan.	6	18 Jan.
Cricket stumps	C. A. Harris	12480	22 Mar.	25	29 Mar.*
Crossing. (See Railway-crossing.)					
Crusher, Ore	H. L. Spring	12410	21 Feb.	18	1 Mar.
Cupel compressor	F. W. Braun	12356	1 Feb.	15	15 Feb.
Current-collector for electric machine	J. P. Campbell	12397	16 Feb.	18	1 Mar.*
Current generator, Alternating	W. E. Hughes	12020	28 Sept., 1899	9	1 Feb.
Cushion, Billiard-table	H. A. Purser	12488	27 Mar.	29	12 April.*
Cutter, Planing-machine	G. A. Gamman	12346	31 Jan.	18	1 Mar.*
Cutter, Tobacco-	A. McDonald and E. E. Turner	12384	15 Feb.	18	1 Mar.
Cutters, Sharpener for sheepshear	A. D. Graham	12466	16 Mar.	25	29 Mar.
Cutting attachment for rifle, Wire-	W. Hall	12419	20 Feb.	18	1 Mar.*
Cycle	T. R. Ellison	12472	20 Mar.	25	29 Mar.*
Cycle-chain guard	J. A. P. Philp	12441	1 Mar.	21	15 Mar.*
Cycle tire	T. Burrell	12415	22 Feb.	18	1 Mar.*
Cycle tire	F. Jones	12443	7 Mar.	21	15 Mar.*
Cycle wheels, Locking device for	W. Morris	11568	25 April, 1899	9	1 Feb.
Cycling-skirt	R. Skelton	12328	4 April, 1899†	18	1 Mar.
Dag-cleaner, Sheep	A. Smith	12269	29 Dec., 1899	2	4 Jan.
Dag-treating apparatus	W. Norrell and J. D. Murray	11642	23 May, 1899	18	1 Mar.*
Direct acting engine	H. J. Kimman and E. N. Hurley	12317	18 Jan.	9	1 Feb.
Disinfecting, Method of	A. Grant	12470	15 Mar.	25	29 Mar.*
Displaying device, Photo-	B. E. Watts	12366	5 Feb.	15	15 Feb.*
Door-closing mechanism	H. Ward	12416	22 Feb.	18	1 Mar.*
Door-stop	E. O. Blackwell	12451	10 Mar.	21	15 Mar.*
Dough-making apparatus	W. S. and C. I. Corby and T. J. Mayer	12335	23 Jan.	9	1 Feb.
Drag-point for grain coulter	J. Grant and A. Storrie	12375	6 Feb.	21	15 Mar.
Draught-hook	W. Tremain	12260	27 Dec., 1899	2	4 Jan.*
Dredge-bucket, Drift-diverting attachment for	J. Williamson	12499	29 Mar.	29	12 April.
Dredge, Drop-plate for	G. Stirling	12483	22 Mar.	29	12 April.
Dredge elevator	E. Roberts	12497	30 Mar.		
Dredge pontoon	L. G. Reeves	12459	12 Mar.	25	29 Mar.*
Dredging	P. S. Irwin and S. J. Luke	12406	20 Feb.	18	1 Mar.*
Dredging apparatus	E. McGregor	12340	25 Jan.	15	15 Feb.
Dredging-machinery	J. Welsby	12242	18 Dec., 1899	2	4 Jan.*
Dredging screen, Gold-	F. Browne and J. Maxwell	12475	16 Mar.	25	29 Mar.
Dressing flax. (See Flax.)					
Drill. (See Earth-drill, Pneumatic drill, Ridge-drill, Rock-drill.)					
Drill attachment to seed-sower	H. J. Alley	12386	13 Feb.	18	1 Mar.
Driving-chain and gear	C. Bristow	12271	30 Dec., 1899	2	4 Jan.
Driving-gear. (See Bicycle driving-gear.)					
Driving-mechanism, Steamship	J. A. Belk	12281	4 Jan.	6	18 Jan.*
Dryer, Flax	W. Clifford	12261	21 Dec., 1899	2	4 Jan.*
Dryer, Steam	W. Schmidt	12304	13 Jan.	6	18 Jan.
Drying-oil	J. Vaughan-Sherrin	12326	20 Jan.	9	1 Feb.
Dynamo, Electric machine	The British Westinghouse Electric and Manufacturing Company, Limited	12448	9 Mar.	21	15 Mar.*
Dynamo, Electric machine	W. E. Hughes	11892	27 July, 1899	9	1 Feb.
Earth-drill	F. H. Dannhardt and M. Mailer	12464	16 Mar.	25	29 Mar.*

ALPHABETICAL LIST OF INVENTIONS—*continued*

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Electrical connector for trains	T. E. Moorhouse	12357	30 Jan. ..	..	..
Electrical distribution, System of	B. G. Lamme	11678	6 June, 1899	2	4 Jan.
Electrical distribution, System of	C. F. Scott	11615	12 May, 1899	2	4 Jan.
Electrical distribution, System of	W. E. Hughes.. ..	12010	22 Sept., 1899	9	1 Feb.
Electrical power distribution	J. P. Campbell	11919	24 Aug., 1899	9	1 Feb.
Electrical machine	J. P. Campbell	12397	16 Feb. ..	18	1 Mar.*
Electrical measuring instrument	J. P. Campbell	11829	26 July, 1899	9	1 Feb.
Electric arc lamp	W. J. Davy and C. W. Milne	12373	8 Feb. ..	15	15 Feb.
Electric brake.. ..	W. E. Hughes.. ..	12396	16 Feb. ..	18	1 Mar.*
Electric circuit fuse-block	J. P. Campbell	11947	2 Sept., 1899	9	1 Feb.
Electric circuit fuse-block	W. E. Hughes.. ..	11695	8 June, 1899	6	18 Jan.
Electric circuit switch	J. P. Campbell	11948	2 Sept., 1899	9	1 Feb.
Electricity, Chemical generation of	E. L. Anderson	12248	21 Dec., 1899	6	18 Jan.
Electric lighting of railway-vehicles	W. E. Hughes.. ..	12395	16 Feb. ..	18	1 Mar.*
Electric machine	J. P. Campbell	12029	29 Sept., 1899	9	1 Feb.
Electric machine, Dynamo	The British Westinghouse Electric and Manufacturing Company, Limited	12448	9 Mar. ..	21	15 Mar.*
Electric machine, Dynamo	W. E. Hughes.. ..	11832	27 July, 1899	9	1 Feb.
Electric motor	The British Westinghouse Electric and Manufacturing Company, Limited	12444	7 Mar. ..	21	15 Mar.*
Electric-motor controller	H. P. Davis, G. Wright, and A. J. Wurts	11731	22 June, 1899	6	18 Jan.
Electric-motor controller	W. E. Hughes	11941	31 Aug., 1899	9	1 Feb.
Electric-motor starting mechanism	T. S. Perkins	11691	8 June, 1899	2	4 Jan.
Electric railway	W. Chapman	12492	30 Mar. ..	29	12 April.
Electric traction	W. Kingsland	12393	16 Feb. ..	18	1 Mar.
Electric traction, Contact-stud for	W. Kingsland	12394	16 Feb. ..	18	1 Mar.
Electro-magnetic separator	I. Jones and E. Allison	12447	6 Mar. ..	21	15 Mar.*
Elevating apparatus	E. McGregor	12340	25 Jan. ..	15	15 Feb.
Elevator, Dredge	E. Roberts	12497	30 Mar. ..	..	..
Elevator for thresher, Straw.. ..	J. C. Naismith	12496	28 Mar. ..	29	12 April.
Elevator, Loading.. ..	R. Perkins and J. Swann	12228	7 Dec. ..	15	15 Feb.
Enamelling process	C. H. Waterman	12325	20 Jan. ..	9	1 Feb.
Enamel paint	J. Vaughan-Sherrin	12326	20 Jan. ..	9	1 Feb.
Engine. (See Compound engine, Direct-acting engine, Gas-engine, Oil-engine, Rotary-engine, Steam-engine.)					
Evaporator	E. Shaw	12270	30 Dec., 1899	6	18 Jan.
Excavating-apparatus	E. McGregor	12340	25 Jan. ..	15	15 Feb.
Explosive	J. Ross and W. D. Cairney	12388	16 Feb. ..	18	1 Mar.
Fabric	M. Koeck	12490	30 Mar. ..	29	12 April.
Fabrics for meat-covers	B. Kershaw	12414	22 Feb. ..	18	1 Mar.*
Fare indicator	W. Bruhn	12463	16 Mar. ..	25	29 Mar.
Fastening. (See Boot-fastening, Chain-fastener, Fish-plate fastening, Hoop-iron fastening, Horse-cover fastening, Sash-fastener, Shoe-fastening, Shirt-collar fastener, Spur-fastener.)					
Fence	S. W. Shaw	12405	20 Feb. ..	18	1 Mar.*
Filter	F. J. Olsen and E. H. Whitmore	12404	20 Feb. ..	18	1 Mar.
Filter	F. J. Olsen and E. H. Whitmore	12245	15 Dec., 1899	2	4 Jan.
Filter	F. J. Olsen	12453	9 Mar. ..	21	15 Mar.*
Filter	H. L. Spring	12290	10 Jan. ..	18	1 Mar.
Filter	United Shoe Machinery Company	12372	8 Feb. ..	21	15 Mar.
Fire-escape ladder	J. L. Homes and C. T. Lane	12407	19 Feb. ..	..	..
Fire-resisting material	A. Imschenetzky	12290	10 Jan. ..	6	18 Jan.
Fish-plate fastening, Railway	A. R. Pullen	12266	28 Dec., 1899	2	4 Jan.
Flange for washing-boiler	R. Lochhead	12450	5 Mar. ..	..	..
Flax-dresser	J. McInnes	12329	23 Jan. ..	9	1 Feb.*
Flax-dryer and bleacher	F. Clifford	12261	21 Dec., 1899	2	4 Jan.*
Flax-dust stuffing for mattresses, &c.	J. Scott	12484	22 Mar. ..	..	..
Flax-scutching	E. J. De Courcy and R. Crawford	12249	21 Dec., 1899	2	4 Jan.*
Flax-scutching	E. J. De Courcy and R. Crawford	12339	25 Jan. ..	..	..
Flax-stripper chair	J. Tennant	12413	22 Feb. ..	21	15 Mar.*
Flax. (See also Tow.)					
Flour-mill grader and dresser	G. T. Smith and W. Gardner	12493	30 Mar. ..	..	..
Fly-paper holder	T. M. Lewington	12283	5 Jan. ..	6	18 Jan.*
Foam-remover for fluid pasteurizer	L. C. Nielsen and P. V. F. Petersen	12314	18 Jan. ..	9	1 Feb.
Foot, Extension	A. de C. Gwynneth	12292	10 Jan. ..	6	18 Jan.*
Fuel-economiser	C. H. Gould	12263	28 Dec., 1899	2	4 Jan.*
Fuel-economiser	E. A. Cameron	12422	23 Feb. ..	18	1 Mar.*
Furnace lining	Hurry and Seamans Patents, Limited	12383	15 Feb. ..	18	1 Mar.
Furnace, Ore	W. H. Hartley and W. A. Kone-man	11185	25 Nov., 1898	9	1 Feb.
Furnace, Ore	W. E. Hughes.. ..	12349	31 Jan. ..	21	15 Mar.
Furniture caster	A. L. Cummings	12433	28 Feb. ..	..	..
Fuse-block for electric circuit	J. P. Campbell	11947	2 Sept., 1899	9	1 Feb.
Fuse-block for electric circuit	W. E. Hughes.. ..	11695	8 June, 1899	6	18 Jan.
Fuse-igniting appliance	E. Fox, jun.	12347	31 Jan. ..	15	15 Feb.*
Galley, Printer's	J. Knight and W. A. Jennings	12272	3 Jan. ..	6	18 Jan.*
Gas and air measuring and mixing apparatus	J. Coates and G. R. Cottrell	12401	20 Feb. ..	21	15 Mar.

ALPHABETICAL LIST OF INVENTIONS—continued.

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Gas-engine	H. N. Bickerton and H. W. Bradley	12298	10 Jan. ..	6	18 Jan.
Gas generator, Acetylene- Generation of electricity Generator. (See Alternating-current gene- rator, Gas-generator, Steam-generator.)	C. J. Cooze E. L. Anderson	12377 12248	12 Feb. .. 21 Dec., 1899	21 6	15 Mar.* 18 Jan.
Gold-dredging screen	F. Browne and J. Maxwell	12475	16 Mar. ..	25	29 Mar.
Gold-extracting machine	G. Webster	12313	18 Jan. ..	9	1 Feb.
Gold-extraction	A. Herbert	12446	8 Mar. ..	21	15 Mar.*
Gold from rocky bottoms, Means for lifting	J. Thomson	12222	2 Dec., 1899	2	4 Jan.*
Gold-saving and cloth-washing machine ..	J. Tyson	11638	22 May, 1899	21	15 Mar.
Gold-saving apparatus	W. F. James and H. J. Reeves ..	12301	11 Jan. ..	6	18 Jan.*
Gold-saving appliance	A. R. Ayson	12440	27 Feb. ..	21	15 Mar.*
Gold-saving appliance	A. Campbell	12353	29 Jan. ..	15	15 Feb.*
Gold-saving blanketing	M. G. Heeles	11598	8 May, 1899	15	15 Feb.
Gold-saving screen	J. R. Park	12267	29 Dec., 1899	2	4 Jan.*
Gold-saving screen	J. D. Douglas	12368	6 Feb. ..	15	15 Feb.*
Gold-saving screen	J. C. McGeorge	11886	16 Dec., 1899	9	1 Feb.
Gold-saving screen	F. Browne and J. Maxwell	12475	16 Mar. ..	25	29 Mar.
Gold-saving table	J. R. Park	12267	29 Dec., 1899	2	4 Jan.*
Governor	J. E. Friend and J. Sawers	12344	30 Jan. ..	15	15 Feb.*
Grader and dresser for flour-mill	G. T. Smith and W. Gardner ..	12493	30 Mar. ..	..	..
Grinding-machine for harvester-knives ..	W. E. Hughes	12257	21 Dec., 1899	9	1 Feb.
Grubber	D. Dooling	12090	16 Oct., 1899	21	15 Mar.
Guard, Cycle-chain	J. A. P. Philp	12441	1 Mar. ..	21	15 Mar.*
Gutta-percha-like substance, Manufacture of a	W. E. Hughes	12348	31 Jan. ..	21	15 Mar.
Hackler, Tow-	E. A. Gibbon	12428	2 Mar. ..	25	29 Mar.*
Hair-pin	H. L. Mainland	12310	13 Jan. ..	9	1 Feb.
Hair-pin	W. Dall	12361	31 Jan. ..	15	15 Feb.*
Hair-pin	W. E. Gladstone	12364	2 Feb. ..	15	15 Feb.
Hair-pin	W. Wood	12420	24 Feb. ..	18	1 Mar.*
Hammer, Pneumatic	H. J. Kimman and E. N. Hurley	12317	18 Jan. ..	9	1 Feb.
Harvester	Massey-Harris Co. (Limited) ..	12435	3 Mar. ..	21	15 Mar.
Harvest-knife grinding-machine ..	W. E. Hughes	12257	21 Dec., 1899	9	1 Feb.
Hat-fold preserving device	J. Loudon	12398	16 Feb. ..	18	1 Mar.*
Hat-pin	R. A. Simpson	12399	15 Feb. ..	21	15 Mar.
Heating and pasteurising fluids, Foam-re- moving apparatus for	L. C. Nielsen and P. V. F. Peter- sen	12314	18 Jan. ..	..	..
Heel for shoes	H. B. Haigh	12392	16 Feb. ..	18	1 Mar.
Heel-protector for boot	A. Tindill	11874	10 Aug., 1899	9	1 Feb.*
Hobble	J. Arnaboldi	12303	8 Jan. ..	6	18 Jan.
Hoe-blade holder	R. H. Goldsworthy	12485	23 Mar. ..	29	12 April.*
Hoe, Drag-point for	J. Grant and A. Storrie	12375	6 Feb. ..	21	15 Mar.
Hoist	W. L. Luxford, A. H. Wylde, and J. H. Hankins	12486	27 Mar. ..	29	12 April.*
Hold. (See Ship's hold.)					
Holder. (See Candle-holder, Flypaper- holder, Hoe-blade holder, Twine-holder.)					
Hole. (See Post-hole.)					
Hook. (See Draught-hook.)					
Hoop-iron fastening	G. R. Robertson	12385	12 Feb. ..	18	1 Mar.
Hopper, Spouting-	S. Oxenham	12376	12 Feb. ..	15	15 Feb.*
Horse-block	A. H. Bowell	11564	22 April, 1899	2	4 Jan.
Horse-box	G. Lovegrove	12358	30 Jan. ..	15	15 Feb.*
Horse-clipper sharpener	A. D. Graham	12466	16 Mar. ..	25	29 Mar.
Horse-collar	E. Thomson	12278	4 Jan. ..	18	1 Mar.
Horse-collar	S. L. Fairhall	12273	3 Jan. ..	..	..
Horse-cover	W. Bagby	12297	8 Jan. ..	9	1 Feb.*
Horse-cover	F. E. Hardy	12352	31 Jan. ..	15	15 Feb.*
Horse-cover fastening	J. Temperley	11776	8 July, 1899	4	4 Jan.*
Horse-cover fastening	H. Shaw	12479	20 Mar. ..	25	29 Mar.
Horse-medicine	A. J. Knocks	11443	14 Mar., 1899	9	1 Feb.
Horses, Racing tips for	A. Smith	12408	16 Feb. ..	18	1 Mar.*
Indicator. (See Fair-indicator, Tempera- ture-indicator.)					
Induction motor	J. P. Campbell	12330	29 Sept., 1899	18	1 Mar.
Insecticide	J. Vaughan-Sherrin	12326	20 Jan. ..	9	1 Feb.
Injector. (See Quicksilver-injector.)					
Jack. (See Lifting-jack, Stump-jack.)					
Jug	W. N. E. Mason and J. Wright ..	12083	13 Oct., 1899	25	29 Mar.
Knee-pad, Housemaids'	J. B. Mackenzie	12365	3 Feb. ..	18	1 Mar.*
Knee-pad, Housemaids'	J. B. Mackenzie	12295	8 Jan. ..	6	18 Jan.*
Knife. (See Harvest-knives.)					
Ladder, Fire-escape	J. L. Homes and C. T. Lane ..	12407	19 Feb. ..	..	..
Lamp. (See Electric-lamp.)					
Lever	D. Donald	12367	7 Feb. ..	15	15 Feb.*
Lever, Railway road-	W. A. Verey	12449	6 Mar. ..	21	15 Mar.*
Lid, Can-	E. R. Godward	12338	25 Jan. ..	9	1 Feb.*
Lifting-jack	F. H. Wrigley	12288	8 Jan. ..	6	18 Jan.*
Lighting of railway vehicles, Electric Loading. (See Elevator.)	W. E. Hughes	12395	16 Feb. ..	18	1 Mar.*

ALPHABETICAL LIST OF INVENTIONS—continued.

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Locking cycle-wheels, Device for	W. Morris	11568	25 April, 1899	9	1 Feb.
Loom	D. M. Seaton	12121	27 Oct., 1899	9	1 Feb.
Magnetic message-receiver	V. Poulsen	12255	21 Dec., 1899	18	1 Mar.
Match	W. P. Jones and H. M. Bates ..	12251	21 Dec., 1899	2	4 Jan.
Mattress. (See Wire-mattress.)				9	
Measurement of timber, Method of instructing in	W. J. Morgan	12311	16 Jan. ..	9	1 Feb.*
Measuring and mixing gas and air, Apparatus for	J. Coates	12401	20 Feb. ..	21	15 Mar.
Measuring instrument, Electrical	J. P. Campbell	11829	26 July, 1899	9	1 Feb.
Meat-covers, Fabric for	B. Kershaw	12414	22 Feb. ..	18	1 Mar.*
Meat, Preservation of	W. Coates, A. M. Shand, and G. F. J. Hewitt	12417	22 Feb. ..	18	1 Mar.*
Medicine	R. Brown	11633	18 May, 1899	15	15 Feb.
Medicine. (See Horse-medicine.)					
Messages, Magnetic apparatus for receiving and storing	V. Poulsen	12255	21 Dec., 1899	18	1 Mar.
Metals, Extraction of	S. H. Johnson and Co., Limited	12327	20 Jan. ..	9	1 Feb.
Metal tube-roller	H. Dalton	12331	20 Jan. ..	9	1 Feb.*
Milk and cocoa products	A. Denaeyer	12014	2 Feb., 1899	15	15 Feb.
Milk-can	J. A. Kinsella	12498	30 Mar. ..	29	12 April.
Milk-preserving apparatus	W. E. Hughes	11560	26 April, 1899	6	18 Jan.
Mill. (See Flour-mill, Windmill.)					
Mine ventilator	A. H. McNeil	12318	18 Jan. ..	15	15 Feb.*
Mop	W. Dabb	11742	26 June, 1899	25	29 Mar.
Motor. (See Electric motor, Induction motor, Synchronous motors.)					
Mower	Massey-Harris Company, Limited	12436	3 Mar. ..	21	15 Mar.
Nail	F. Gold	12259	22 Dec., 1899	2	4 Jan.
Non-refillable bottle	J. Stewart	12421	21 Feb. ..	18	1 Mar.*
Oil	J. Vaughan-Sherrin	12326	20 Jan. ..	9	1 Feb.
Oil-engine	H. N. Bickerton and H. W. Bradley	12293	10 Jan. ..	6	18 Jan.
Onions, Method of stopping growth of Opener. (See Can-opener.)	E. Thomas	12244	15 Dec. 1899	2	4 Jan.
Ore-crushing cradle	H. L. Spring	12410	21 Feb. ..	18	1 Mar.
Ores, Extraction of metals from	S. H. Johnson and Co., Limited	12327	20 Jan. ..	9	1 Feb.
Ores, Filtration-amalgamation of	A. Smith	12408	16 Feb. ..	18	1 Mar.
Ore furnace	W. H. Hartley and W. A. Kone-man	11185	25 Nov., 1898	9	1 Feb.
Ore furnace	W. E. Hughes	12349	31 Jan. ..	21	15 Mar.
Ores, Rendering friable	K. Miller	12431	1 Mar. ..	21	15 Mar.
Ores, Separation of metal from	F. E. Elmore	12452	10 Mar. ..	21	15 Mar.
Ores, Treating sulphide	J. Swinburne and E. A. Ashcroft	12282	11 July, 1899	6	18 Jan.
Ores, Treatment of	The Sulphides Reduction (New Process), Limited	12467	19 Mar. ..	25	29 Mar.*
Ores, Treatment of Zinc	A. G. Clark	12425	1 Mar. ..	25	29 Mar.
Package-filling machine	H. Pettitt	12321	16 Jan. ..	9	1 Feb.
Pad. (See Knee-pad.)					
Paint, Enamel	J. Vaughan-Sherrin	12326	20 Jan. ..	9	1 Feb.
Pan. (See Cess-pan.)					
Pasteurizing apparatus, Foam-remover for	L. C. Nielsen and P. V. F. Petersen	12314	18 Jan. ..	9	1 Feb.
Phonographic apparatus	V. Poulsen	12255	21 Dec., 1899	18	1 Mar.
Photographic enlargements	J. H. Finlayson	12379	13 Feb. ..	18	1 Mar.*
Pile, Foundation-	R. O. Clark, jun.	12336	24 Jan. ..	9	1 Feb.
Pin. (See Hair-pin, Hat-pin.)					
Planing-machine cutter	G. A. Gamman	12346	31 Jan. ..	18	1 Mar.*
Plough	R. St. George	12136	30 Oct., 1899	21	15 Mar.
Plough	J. W. Stonyer	12439	3 Mar. ..	21	15 Mar.*
Plough, Subsoiler for	G. Ballard	11599	4 May, 1899	21	15 Mar.
Pneumatic drill	H. J. Kimman	12276	4 Jan. ..	6	18 Jan.
Pneumatic hammer	H. J. Kimman and E. N. Hurley	12317	18 Jan. ..	9	1 Feb.
Pontoon	L. G. Reeves	12459	12 Mar. ..	25	29 Mar.*
Post-hole boring-tool	E. R. Godward	12268	29 Dec., 1899	2	4 Jan.*
Preservation of alimentary substances	L. L. Carpentier	12476	19 Mar. ..	25	29 Mar.*
Preservation of meat	W. Coates, A. M. Shand, and G. F. J. Hewitt	12417	22 Feb. ..	18	1 Mar.*
Preservation of milk	W. E. Hughes	11560	26 April, 1899	6	18 Jan.
Press. (See Wool-press.)					
Printers' galley	J. Knight and W. A. Jennings ..	12272	3 Jan. ..	6	18 Jan.*
Propelling vessels, Means for	G. Lindsey	12264	28 Dec., 1899	2	4 Jan.*
Pulverizer and -mixer, Cement-	M. J. Davidsen	12173	13 Nov., 1899	21	15 Mar.
Pump	W. Griffiths	12246	4 Dec., 1899	2	4 Jan.*
Pump	C. A. Harris	12477	21 Mar. ..	25	29 Mar.*
Pump, Tire	H. H. Henning	12482	23 Mar. ..	..	..
Purifying water	F. J. Olsen and E. H. Whitmore	12245	15 Dec., 1899	2	4 Jan.*
Quicksilver-injector	D. W. Cotton and J. F. W. H. Schadick	12146	1 Nov., 1899	15	15 Feb.
Rabbit-crate	N. H. Macmeikan	12418	22 Feb. ..	18	1 Mar.*
Rabbit-crate	J. Taylor	11543	18 April, 1899	6	18 Jan.
Rabbit-crate	W. Burrell and J. W. Story	12334	23 Jan. ..	9	1 Feb.*

ALPHABETICAL LIST OF INVENTIONS—continued.

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Rabbit-crate	W. Heir	12487	27 Mar. ..	29	12 April.*
Race-meetings, Recorder for	E. Burton and R. B. Echlin	12254	21 Dec., 1899	2	4 Jan.
Race-meetings, Scratching-board for	E. Burton and R. B. Echlin	12253	21 Dec., 1899	2	4 Jan.
Racing-tips for horses	A. Smith	12408	16 Feb. ..	18	1 Mar.*
Rail-butt join	A. R. Pullen	12266	28 Dec., 1899	2	4 Jan.
Rail-cleaner, Tramway-	D. Nable	12465	16 Mar. ..	25	29 Mar.
Railway brake	H. E. Gresham	12350	31 Jan. ..	15	15 Feb.
Railway-car coupling	Darling's Patent Automatic Coup- ling (Limited)	12389	16 Feb. ..	18	1 Mar.
Railway-car coupling	A. G. Blackwell	12462	16 Mar. ..	25	29 Mar.
Railway-car coupling	A. Dornbusch	12262	27 Dec., 1899	2	4 Jan.*
Railway-crossing alarm	W. S. Dunstan	12315	18 Jan. ..	9	1 Feb.*
Railway, Electric	W. Chapman	12492	30 Mar. ..	29	12 April.
Railway fish-plate fastening	A. R. Pullen	12266	28 Dec., 1899	2	4 Jan.
Railway road lever	W. A. Verey	12449	6 Mar. ..	21	15 Mar.*
Railway vehicles, Electric lighting of	W. E. Hughes	12395	16 Feb. ..	18	1 Mar.*
Raiser, Water-	P. C. K. Young	12302	11 Jan. ..	9	1 Feb.*
Rat-trap	T. Mitchell	12494	29 Mar. ..	29	12 April.
Recorder for sports meetings	E. Burton and R. B. Echlin	12254	21 Dec., 1899	2	4 Jan.
Retort	A. G. Clark	12426	1 Mar. ..	25	29 Mar.
Retort-manufacturing process	A. G. Clark	12427	1 Mar. ..	25	29 Mar.
Riddle for seed-cleaner	F. W. Adams	12243	18 Dec., 1899	2	4 Jan.*
Ridge-drill	A. Storie	12284	4 Jan. ..	6	18 Jan.
Ridger, Rotary disc	J. Macalister	12299	6 Jan. ..	6	18 Jan.
Rifle, Wire-cutting attachment for	W. Hall	12419	20 Feb. ..	18	1 Mar.*
Riveting apparatus	H. J. Kimman	12456	12 Mar. ..	25	29 Mar.
Rock-drill	M. C. Jackson, J. McDonough and A. J. Clark	12387	16 Feb. ..	18	1 Mar.
Rock-drill	F. H. Dannhardt and M. Mailer	12464	16 Mar. ..	25	29 Mar.*
Rotary disc ridger	J. Macalister	12299	6 Jan. ..	6	18 Jan.
Rotary engine	H. A. Buck	12468	19 Mar. ..	25	29 Mar.
Rotary engine	C. H. Taylor	12371	8 Feb. ..	15	15 Feb.
Rotary transformer	B. G. Lamme	11696	8 June, 1899	2	4 Jan.
Rubber-like substance, Manufacturing a	W. E. Hughes	12348	31 Jan. ..	21	15 Mar.
Rust, Prevention of	T. Hood	12363	3 Feb. ..	18	1 Mar.*
Saddle	J. J. Harris and E. Toft	12279	4 Jan. ..	6	18 Jan.*
Salt, Method of keeping in a powdered state	T. Vivian	12403	20 Feb. ..	18	1 Mar.*
Sashes, Hanging	W. Fairhead	12458	14 Mar. ..	25	29 Mar.*
Sash-fastener	H. Roberts	11857	1 Aug., 1899	15	15 Feb.
Sash-fastener	L. A. M. McKail	11819	17 July, 1899	25	29 Mar.
Sash-weight	W. E. Ramsay	11966	6 Sept., 1899	6	18 Jan.
Saucepan	J. and A. Brown	11745	26 June, 1899	25	29 Mar.
Scoop	W. Horman	12319	15 Jan. ..	15	15 Feb.*
Scratching-board for sports meetings	E. Burton and R. B. Echlin	12253	21 Dec., 1899	2	4 Jan.
Screen. (See Gold-dredging screen, Gold- saving screen, Seed-cleaning screen, Window-screen.)					
Screw-nail	F. Gold	12259	22 Dec., 1899	2	4 Jan.
Soutcher, Flax	E. J. de Courcy and R. Crawford	12339	25 Jan. ..	..	..
Soutcher, Flax	E. J. de Courcy and R. Crawford	12249	21 Dec., 1899	2	4 Jan.*
Seat	J. J. Harris and E. Toft	12279	4 Jan. ..	6	18 Jan.*
Seed-cleaner	R. A. Wilson	12332	23 Jan. ..	9	1 Feb.*
Seed-cleaner screen	F. W. Adams	12243	18 Dec., 1899	2	4 Jan.*
Seed-feeding device	C. Bristow	12309	16 Jan. ..	9	1 Feb.*
Seed-sower, Drill-attachment to	H. J. Alley	12386	13 Feb. ..	18	1 Mar.
Separator. (See Centrifugal separator, Electro-magnetic separator.)					
Serviette-holder	A. H. Brownley	12481	23 Mar. ..	..	..
Shade adjuster, Window-	H. House	12312	15 Jan. ..	9	1 Feb.*
Sharpener, Sheep-shears	A. D. Graham	12466	16 Mar. ..	25	29 Mar.
Shears. (See Sheep-shears.)					
Sheep-dag cleaning machinery	A. Smith	12269	29 Dec., 1899	2	4 Jan.
Sheep-shears, Sharpener	A. D. Graham	12466	16 Mar. ..	25	29 Mar.
Shelf-securing device	A. F. Talbot	12322	17 Jan. ..	15	15 Feb.*
Ships' holds, Method of destroying vermin in	A. Grant	12470	15 Mar. ..	25	29 Mar.
Shirt	F. V. Raymond and R. Wales	12473	20 Mar. ..	25	29 Mar.*
Shirt-collar fastener	F. V. Raymond and R. Wales	12474	20 Mar. ..	25	29 Mar.*
Shoe-fastener	R. Ireland	12412	2 Feb. ..	18	1 Mar.*
Shoe-heel	H. B. Haigh	12392	16 Feb. ..	18	1 Mar.
Skirt. (See Cycling-skirt.)					
Slop-bucket	W. Healey	12437	28 Feb. ..	25	29 Mar.*
Smoke-preventer	C. H. Gould	12263	28 Dec., 1899	2	4 Jan.*
Snatch-block	C. M. Malfroy	12308	16 Jan. ..	6	18 Jan.*
Sower. (See Seed-sower.)					
Spark-arrester	E. A. Cameron	12422	23 Feb. ..	18	1 Mar.*
Spinning-machine	V. Belanger	12277	4 Jan. ..	6	18 Jan.
Sports meetings, Recorder for	E. Burton and R. B. Echlin	12254	21 Dec., 1899	2	4 Jan.
Sports meetings, Scratching-board for	E. Burton and R. B. Echlin	12253	21 Dec., 1899	2	4 Jan.
Spouting-hopper	S. Oxenham	12376	12 Feb. ..	15	15 Feb.*
Spur-fastener	A. B. Jackson	12258	22 Dec., 1899	2	4 Jan.
Stack-butt scoop	W. Horman	12319	15 Jan. ..	15	15 Feb.*
Stamp, Cellulose	D. Lichtenberg-Madsen	12390	16 Feb. ..	18	1 Mar.
Steam cooker	F. A. Nevill	12434	3 Mar. ..	21	15 Mar.*
Steam-engine	E. Waters, jun.	12478	21 Mar. ..	25	29 Mar.*
Steam dryer and superheater	W. Schmidt	12304	13 Jan. ..	6	18 Jan.
Steam-generator	H. A. Buck	12445	7 Mar. ..	21	15 Mar.

ALPHABETICAL LIST OF INVENTIONS—continued.

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Steam-generator	H. Braby	12324	18 Jan. ..	9	1 Feb.
Steam regulator for compound engine	W. Schmidt	12305	13 Jan. ..	6	18 Jan.
Steamship-driving mechanism	J. A. Belk	12281	4 Jan. ..	6	18 Jan.*
Steam-turbine, Ring of blades for	C. A. Parsons, G. G. Stoney, and H. P. Fullagar	12495	31 Mar. ..	29	12 April.
Steel, Manufacture of	A. Tropenas	12429	1 Mar. ..	21	15 Mar.
Stitch-forming machine	United Shoe Machinery Company	12372	8 Feb. ..	21	15 Mar.
Strainer. (See Wire-strainer.)					
Stump-jack	H. C. Jensen	12289	10 Jan. ..	6	18 Jan.
Stumps. (See Cricket-stumps.)					
Subsoiler for plough	G. Ballard	11599	4 May, 1899	21	15 Mar.
Sulphide ore treatment	J. Swinburne and E. Ashcroft	12282	11 July, 1899*	9	1 Feb.
Sulphuric anhydride, Manufacture of	Badische Anilin and Soda Fabrik	11890	14 Aug., 1899	2	4 Jan.
Sweetmeats, Manufacture of	E. Shaw	12270	30 Dec., 1899	6	18 Jan.
Switch, Electric circuit-	J. P. Campbell	11948	2 Sept., 1899	9	1 Feb.
Switch, Telephone-	P. Rabbidge	12298	8 Jan. ..	9	1 Feb.
Synchronous motors	B. G. Lamme	11696	8 June, 1899	2	4 Jan.
Table. (See Billiard-table, Gold-saving table.)					
Tablet	C. L. Benedict	12391	16 Feb. ..	18	1 Mar.
Tea-infuser	G. Claydon	12455	9 Mar. ..	25	29 Mar.*
Telephone-switch	P. Rabbidge	12298	8 Jan. ..	9	1 Feb.
Temperature controller, Cream	J. Anderson	12274	3 Jan. ..	6	18 Jan.
Temperature indicator	L. Morris and R. Young	12316	18 Jan. ..	9	1 Feb.*
Thinner. (See Turnip-thinner.)					
Thresher, Straw-elevator for	J. C. Naismith	12496	28 Mar. ..	29	12 April.
Threshing apparatus	F. Jacobs	12337	25 Jan. ..	9	1 Feb.
Timber, Instructing in measurement of	W. J. Morgan	12311	16 Jan. ..	9	1 Feb.*
Tips for racehorse	A. Smith	12408	16 Feb. ..	18	1 Mar.*
Tire. (See Cycle-tire.)					
Tobacco-cutter	A. McDonald and E. E. Turner	12384	15 Feb. ..	18	1 Mar.
Tow-hackler	E. A. Gibbon	12428	2 Mar. ..	25	29 Mar.*
Traction, Electric	W. Kingsland	12393	16 Feb. ..	18	1 Mar.
Traction, Contact-stud for electric	W. Kingsland	12394	16 Feb. ..	18	1 Mar.
Trains, Electrical connector for	T. E. Moorhouse	12357	30 Jan. ..	29	..
Tramrail-cleaner	D. Nable	12465	16 Mar. ..	25	29 Mar.
Transformer, Rotary	B. G. Lamme	11696	8 June, 1899	2	4 Jan.
Transporting apparatus	E. McGregor	12340	25 Jan. ..	15	15 Feb.
Trap. (See Animal-trap, Rat-trap.)					
Trunk	G. G. Turri	11511	6 April, 1899	15	15 Feb.
Tube-roller, Metal	H. Dalton	12331	20 Jan. ..	9	1 Feb.*
Turbine. (See Steam-turbine.)					
Turnip-thinner	J. Macalister	12299	6 Jan. ..	6	18 Jan.*
Twine-holder	F. C. J. Olsen	12320	15 Jan. ..	9	1 Feb.*
Twisting-machine	V. Belanger	12277	4 Jan. ..	6	18 Jan.
Valve	J. Nicol and P. Ellis	12307	15 Jan. ..	6	18 Jan.*
Varnish	J. Vaughan-Sherrin	12326	20 Jan. ..	9	1 Feb.
Vehicle. (See Auto-vehicle.)					
Ventilator. (See Mine-ventilator.)					
Ventilator-cowl	E. Toms	12380	15 Feb. ..	18	1 Mar.
Vermin-destroying method	A. Grant	12470	15 Mar. ..	25	29 Mar.*
Vessel, Means for preventing sinking of	A. Milne	12265	28 Dec., 1899	2	4 Jan.*
Vessel, Means for propelling	G. Lindsey	12264	28 Dec., 1899	2	4 Jan.*
Wash. (See Wool-wash.)					
Washing appliance, Clothes-	J. Hay	12360	2 Feb. ..	15	15 Feb.
Washing-boiler flange	R. Lochhead	12450	5 Mar. ..		
Water-closet seat-cover	F. J. Olsen	12430	1 Mar. ..	21	15 Mar.*
Water, Purifying. (See Filter.)					
Water-raising	P. C. K. Young	12302	11 Jan. ..	9	1 Feb.*
Water-tube boiler	J. Cowan and Stirling Boiler Company (Limited)	12239	14 Dec., 1899	9	1 Feb.
Weight. (See Sash-weight.)					
Wheels, Locking device for cycle-	W. Morris	11568	25 April, 1899	9	1 Feb.
Whipple-tree	G. Claydon	12454	9 Mar. ..	25	29 Mar.*
Windmill	J. Lamberg	11669	3 June, 1899	21	15 Mar.
Window-screen	H. Roberts	11857	1 Aug., 1899	15	15 Feb.
Window-shade adjuster	H. House	12312	15 Jan. ..	9	1 Feb.*
Wire-cutting attachment for rifle	W. Hall	12419	20 Feb. ..	18	1 Mar.*
Wire-mattress	A. Richards	12471	16 Mar. ..	25	29 Mar.*
Wire-netting coiler	A. Hide	12359	2 Feb. ..	15	15 Feb.*
Wire-strainer for cases	H. Campbell	12423	27 Feb. ..	18	1 Mar.*
Wire-strainer	R. Brown	12369	8 Feb. ..	21	15 Mar.*
Wire-strainer	G. Dixon	12457	14 Mar. ..	25	29 Mar.*
Wood, Treatment to render non-flammable	H. V. Simpson	12291	31 May, 1899†		
Wool locks and dags, Apparatus for treating	W. Norrell and J. D. Murray	11642	23 May, 1899	18	1 Mar.
Wool-press	A. Skillicorn	12323	17 Jan. ..	9	1 Feb.*
Wool-wash	J. Vaughan-Sherrin	12326	20 Jan. ..	9	1 Feb.
Wool-washing machinery	A. Smith	12269	29 Dec., 1899	2	4 Jan.
Wringer. (See clothes-wringer.)					
Zinc-ores, Treatment of	A. G. Clark	12425	1 Mar. ..	25	29 Mar.

List of Applicants for Registration of Designs.

ALPHABETICAL list of applicants for registration of designs during the quarter ending 31st March, 1900.

Name.	No. of Class.	Design.		Gazette.	
		No.	Date.	No.	Date.
British and Continental Stamp Company, The	12	112	5 Jan. ..	6	18 Jan.
Christchurch Tramway Company (Limited)	3	116	12 Mar. ..	25	29 Mar.
Ross, G. S.	1	114	29 Jan. ..	9	1 Feb.
Tydeman, F.	1	113	5 Jan. ..	6	18 Jan.
Tydeman, F.	1	115	29 Jan. ..	9	1 Feb.

List of Applicants for Registration of Trade Marks.

ALPHABETICAL list of applicants for registration of trade marks for quarter ending 31st March, 1900 (including also applications lodged prior to but gazetted during such quarter).

Name.	Address.	Class.	Application.		Gazette.	
			No.	Date.	No.	Date.
Abel Morrall, Limited	Redditch, England	13	2944-5	8 Feb. ..	29	12 April.
American Steel Hoop Company	New York	5	2973	8 Mar. ..	..	..
American Tobacco Company	New York	45	2912	29 Dec., 1899	2	4 Jan.
American Tobacco Company	New York	45	2897	11 Dec., 1899	15	15 Feb.
Badham, C. J.	Christchurch	2	2936	30 Jan. ..	21	15 Mar.
Barnett, W.	Christchurch	48	2884	28 Nov., 1899	9	1 Feb.
Barrett's Food Proprietary, Limited	Richmond, Victoria	42	2909	28 Dec. ..	2	4 Jan.
Batkin, E. C.	Wellington	45	2916	5 Jan. ..	..	..
Batkin, E. C.	Wellington	45	2927	15 Jan. ..	9	1 Feb.
Bergheim, S.	London	42	2937	31 Jan. ..	21	15 Feb.
Berry and Co., H.	Christchurch	42	2932	18 Jan. ..	9	1 Feb.
Bodenhausen, Von. (See under V.)	London	42	2970	1 Mar. ..	..	..
Bovine, Limited	Dunedin	47	2923	15 Jan. ..	6	18 Jan.
Briscoe and Co., A.	Wellington	42	2985	21 Mar. ..	..	12 April.
Broome, T. J.	Wellington	42	2985	21 Mar. ..	..	12 April.
Celluloid Company, The	Newark and New York, U.S.A. .. ..	..	2941	2 Feb. ..	..	..
Century Cigarette Company. (See E. H. Chainey.)	Christchurch	45	2974	6 Mar. ..	29	12 April.
Chainey, E. H.	Colombo	42	2942	7 Feb. ..	15	15 Feb.
Colombo Commercial Company, Limited	Nottingham and London	42	2613	16 Feb., 1899	21	15 Mar.
Coombs' Eureka Aerated Flour Company, Limited	Nottingham and London	42	2613	16 Feb., 1899	21	15 Mar.
Crane, Moir-. (See under M.)	Southwark and London	3	2971	1 Mar. ..	21	15 Mar.
Davy Hill and Son, Yates, and Hicks	Southwark and London	3	2971	1 Mar. ..	21	15 Mar.
Eagle Cigarette Company. (See W. Gregg and Co., Limited.)	Warrington, Eng.	48	2991	30 Mar. ..	29	12 April.
Erasmic Company, Limited, The	Warrington, Eng.	48	2991	30 Mar. ..	29	12 April.
Farquhar and Gill	Aberdeen	1	2948	14 Feb. ..	21	15 Mar.
Fear, F. J. W.	Wellington	6, 13, 22, 40	2960-3	24 Feb. ..	18	1 Mar.
Frossard, Levic and Co. (See F. Levic.)	Wellington	6, 13, 22, 40	2960-3	24 Feb. ..	18	1 Mar.
Gatenby, R. M.	Wanganui	3	2979	12 Mar. ..	21	15 Mar.
Gilberd and Sons, J. B.	Wanganui	47	2964	26 Feb. ..	..	..
Gilberd and Sons, J. B.	Wanganui	47	2965	26 Feb. ..	18	1 Mar.
Gilberd and Sons, J. B.	Wanganui	47	2966	26 Feb. ..	29	12 April.
Gilberd and Sons, J. B.	Wanganui	47	2967-9	26 Feb. ..	..	..
Gill Brothers and Co.	Steuensville, U.S.A.	15	2798	15 Sept., 1899	9	1 Feb.
Gregg and Co., Limited, W.	Dunedin	45	2946	12 Feb. ..	18	1 Mar.
Hancock and Co.	Newmarket	43	2850	3 Nov., 1899	18	1 Mar.
Hantke, T. J. C.	Adelaide	1	2940	31 Jan. ..	15	15 Feb.
Hartstone and Sons	Woodville	42	2911	29 Dec. ..	15	15 Feb.
Helidon Spa Water Company, Limited, The	Brisbane and Helidon, Q.	44	2910	28 Dec., 1899	2	4 Jan.
Hendy, A. M.	Dunedin	48	2908	27 Dec., 1899	2	4 Jan.
Hopkins, C.	Westport	2	2943	7 Feb. ..	15	15 Feb.
Joshua Brothers Proprietary, Limited	Melbourne	43	2988-9	23 Mar. ..	..	..
Koefoed, H. L.	Thames, N.Z.	42	2907	22 Dec., 1899	18	1 Mar.
Lane and Fitte	London, Eng.	50	2914	4 Jan. ..	6	18 Jan.
Langstone, C. W. and J. E.	Wellington	2	2934	23 Jan. ..	9	1 Feb.
Levic, F.	Sydney	45	2900	14 Dec. ..	2	4 Jan.
Lever Brothers, Limited	Balmain, N.S.W.	47 & 48	2928-9	18 Jan. ..	9	1 Feb.
Lever Brothers, Limited	Balmain, N.S.W.	47 & 48	2930-1	18 Jan. ..	15	15 Feb.
Lozier Manufacturing Company, The	Toledo, U.S.A.	22	2915	4 Jan. ..	6	18 Jan.

LIST OF APPLICANTS FOR REGISTRATION OF TRADE MARKS—*continued.*

Name.	Address.	Class.	Application.		Gazette.	
			No.	Date.	No.	Date.
Markwald, H.	Wellington	42	2848	3 Nov., 1899	9	1 Feb.
Matson, L.	Christchurch	42	2917	5 Jan. ..	6	18 Jan.
McFarlane, A. and J.	Dunedin	42	2864	13 Nov., 1899	2	4 Jan.
McLean, D.	Greymouth	42	2978	12 Mar. ..	..	..
McLeod, C. and K.	Nelson	47	2957	20 Feb. ..	21	15 Mar.
Moir and Co.	Christchurch	42	2785	11 Sept., 1899	2	4 Jan.
Moir-Crane and Co., P.	Manchester	47	2995	31 Mar. ..	29	12 April.
Morrall, Limited, Abel. (See under A.)						
Neill and Co., Limited	Dunedin	42	2952-5	15 Feb. ..	18	1 Mar.
Northern Roller Milling Company, Limited	Auckland	42	2947	13 Feb. ..	..	..
Ohlhaver Gebrüder	Hamburg	7	2956	16 Feb. ..	18	1 Mar.
Owen and Co., E.	Birmingham and Sheffield, Eng.	12	2894	7 Dec., 1899	9	1 Feb.
Paling and Co., Limited, W. and H. ..	Sydney	9	2958	22 Feb. ..	18	1 Mar.
Partridge and Co., H. E. (See H. E. Partridge.)						
Partridge, H. E.	Auckland	45	2959	23 Feb. ..	21	15 Mar.
Player and Sons, Limited, J.	Nottingham	45	2938-9	31 Jan. ..	..	..
Reckitt and Sons (Limited)	Sydney and Hull	47	2975	10 Mar. ..	21	15 Mar.
Roberts, G.	Auckland	6	2997	31 Mar. ..	29	12 April.
Roberts, J. D.	Auckland	42	2996	31 Mar. ..	29	12 April.
Salmon and Gluckstein (Limited)	London	45	2922	9 Jan. ..	6	18 Jan.
Sanitarium Health Food Company, The	Cooranbong, N.S.W.	42	2924-6	15 Jan. ..	6	18 Jan.
Saunders and Co.	Christchurch	44	2906	22 Dec., 1899	2	4 Jan.
Scott, J.	Invercargill	3, 4	2986-7	23 Mar. ..	..	..
Sextie, C.	Auckland	38	2994	31 Mar. ..	29	12 April.
Sharland and Co. (Limited)	Wellington and Auckland	42	2853	8 Nov., 1899	9	1 Feb.
Société Anonyme de la Distillerie de la Liqueur Benedictine de l'Abbayé de Fécamp	Fécamp, France	43	2972	3 Mar. ..	21	15 Mar.
Spooner and Co. (Limited), A.	Richmond, Vict.	2, 3, 47, and 50	2918-21	9 Jan. ..	6	18 Jan.
Stohwasser and Co.	London	38	2983	19 Mar. ..	25	29 Mar.
Suter, Hartmann, and Rahtjens's Composition Company (Limited)	London	1	2896	8 Dec., 1899	2	4 Jan.
Sydney Soap and Candle Company (Limited), The	Sydney	47	2980	12 Mar. ..	..	..
Sydney Soap and Candle Company (Limited), The	Sydney	48	2990	26 Mar. ..	..	..
Thompson and Hills	Auckland	42	2984	19 Mar. ..	25	29 Mar.
Vass Chemical Company	Danbury, U.S.A.	3	2935	23 Jan. ..	9	1 Feb.
Von Bodenhausen, F. E.	Berlin	42	2992	30 Mar. ..	..	..
Von Bodenhausen, F. E.	Berlin	42	2993	30 Mar. ..	29	12 April.
Wardell Brothers & Co.	Wellington	42	2933	19 Jan. ..	..	..
Watson and Co., Limited, J.	Dundee, Scotland	43	2949	14 Feb. ..	21	15 Mar.
Watson and Co., Limited, J.	Dundee, Scotland	43	2950-1	14 Feb. ..	..	..
Watson and McGill	Petersburg, U.S.A.	45	2901-5	15 Dec., 1899	9	1 Feb.
Webendorfer Brothers	Sydney	13-19	2976-7	12 Mar. ..	21	15 Mar.
Wertheim, H.	Melbourne	6	2981-2	16 Mar. ..	25	29 Mar.
Whiteman, J.	Upper Hutt, N.Z.	42	2913	3 Jan. ..	..	..

