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* Alphabetical lists for the two preceding quarters of the current year appear in *Gazettes* No. 29, of the 12th April, and No. 63, of the 12th July.

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- Complete Specification and Copy.
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THE following publications can be obtained from the Government Printer, viz.:-

- Printed Specifications to the end of the year 1879.
- Annual Lists of Letters Patent and Letters of Registration applied for, and Particulars of Applications lapsed and Patents lapsed, from 1880 to 1888, inclusive.
- Annual Reports of the Registrar, containing Alphabetical Lists of Applicants for Letters Patent and of Inventions patented from 1889 to 1899, inclusive.

ERRATUM.—In Supplement to *New Zealand Gazette*, No. 59, of the 5th July, 1900, under heading "Applications for Registration of Trade Marks," and in Supplement to *Gazette*, No. 87, of the 11th October, 1900, under heading "Trade Marks registered," in No. 3069, for "Eglinton," read "Eglington."

Notice of Acceptance of Complete Specifications.

Patent Office,
Wellington, 24th October, 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. 12169.—13th November, 1899.—WILLIAM HENRY CUTTEN, of Dunedin, New Zealand, Mining and Consulting Engineer. Improvements in buckets of elevators used upon gold-saving dredges.*

Extract from Specification.—The object of this invention is to provide an improved elevator-bucket for use upon dredges employed in obtaining gold from the beds of rivers, alluvial flats, and similar places. Hitherto difficulty has been experienced in elevating the tailings from the gold-saving tables, for immediately after it was scooped up by the buckets a great part or the whole would be washed out again by the water in the sump or by water from the tail chute of the revolving screen. I make the bucket with a false bottom, and in the pocket thus formed the fine material is scooped up from a sump. Behind the pocket I provide trays or second buckets, the backs of which form lids or covers for each succeeding bucket after they have passed around the bottom tumbler. The coarse material from the tail chute of the revolving screen is caught by the trays, but the water from this chute is prevented from washing out the fine material from the buckets by the backs of the trays. The false bottoms of the buckets have a steel lip, to stiffen them and lessen the wear. The backs of the trays may be made to slope forwards and fitted with a steel lip, so that they may dredge the fine material without the use of a false bottom.

Claim.—An improved elevator-bucket for use upon dredges employed in obtaining gold from the beds of rivers, alluvial flats, and similar places, substantially as described.
(Specification, 1s. 9d.; drawings, 5s. 6d.)

No. 12260.—27th December, 1899.—WILLIAM TREMAIN, of Malford Street, late Willow Street, Ponsonby, Auckland, New Zealand, Coachsmith. A safety draught-hook.*

Claim.—The safety draught-hook described, and marked A in drawing, with a ring B attached, through which to pass the trace- (or chain-) end, preventing the trace- (or chain-) end from coming off the hook, as specified, and as illustrated by the drawings.

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

No. 12572.—30th April, 1900.—GEORGE JAMES ADDISON RICHARDSON, of 205, Esk Street, Invercargill, New Zealand, Accountant. An improved method of separating gold from black sand and other substances.*

Claims.—(1.) In connection with gold-saving appliances, the method of conveying water over the gold-saving tables or boxes, and distributing the said water in jets or sprays thereon at the required height or under pressure, substantially as and for the purpose set forth. (2.) The process of supplying water above gold-saving tables, by pipes, launders, troughs, or receptacles either of wood or metal, or both combined, and depositing the water in jets or sprays on the said tables, substantially as and for the purpose set forth.
(Specification, 3s. 3d.; drawings, 3s.)

No. 13023.—26th September, 1900.—WILLIAM JOHN KISSELL, of Queen Street, Westport, New Zealand, Cabinet-maker. Improved device for closing the openings due to the corrugations of corrugated-iron roofing.

Claim.—A device for the purpose specified, consisting of a strip of felt or similar semi-elastic and compressible material formed to the shape of the corrugations of the iron beneath which it is to be employed, substantially as specified and illustrated.

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

No. 13046.—6th October, 1900.—EDWARD ROBERTS, of Dunedin, New Zealand, Consulting Engineer. Improvement in cable dummy-car grippers.

Claims.—(1.) In cable dummy-car grippers, the combination of movements of the jaws B¹ and C, by which B¹ rises and C lowers and turns over out of the way by the described

hinge-movement, with the device for automatically opening the jaws and releasing the cable by causing the pawl A³ to rise out of its notch, substantially as described and shown. (2.) In combination, in the gripper of a cable dummy-car gripper, jaws, one of which (B¹) rises, the other falls away by being hinged (C) when the jaws are fully opened, and the jaw C, tilted up by the pin D, assumes its normal position during closing, with an automatic release-device F, F¹, F², for automatically opening the jaws by the action, substantially as described, and as illustrated in the drawing.
(Specification, 2s. 6d.; drawings, 5s. 6d.)

No. 13047.—6th October, 1900.—ROBERT LATTA, of Kokiri, New Zealand, Contractor. Improved harness-fastening.

Claims.—(1.) In hooks attached to leather straps especially for spiders or other parts of harness, the combination with the strap of a hook being attached to the strap with a bolt or pin so as to be easily replaced, substantially as shown and described. (2.) In hooks attached to leather straps, especially for spiders or other parts of harness, a hook H, H¹, with a bolt B, or a pin P, with or without check-nuts, in combination with and secured to straps, substantially as set forth, and as illustrated in the drawing.
(Specification, 1s. 6d.; drawings, 3s.)

No. 13048.—8th October, 1900.—ARTHUR WILLIAMS, of 141 and 143, St. George's Road, North Fitzroy, near Melbourne, Victoria, Boot and Shoe Manufacturer. Improvements in the manufacture of boots and shoes.

Claims.—(1.) The described method of manufacturing boots and shoes in which the upper, having been pulled over the insole, is attached thereto by stitches passing through from a channel which is formed in said insole, and in which the outer sole is sewn through the upper to the insole between the edge of the insole and the row of stitches by which the upper is sewn to the insole, substantially as and for the purposes specified. (2.) A boot or shoe manufactured according to the method described in the preceding claim.

(Specification, 4s. 6d.; drawings, 5s. 6d.)

No. 13049.—8th October, 1900.—MARTIN DESSAU, of Over Gaden neden Vandet No. 9, Copenhagen, Denmark, Director. A liner for centrifugal machines.

Claims.—(1.) A centrifugal-machine liner, consisting of the combination of conical plates, either loose or mounted on the supply-pipe, and a cylinder which is mounted between the outer edges of the dish plates and the inner surface of the drum, and is provided with pockets, and with holes close to the outer and the inner ends of the pockets, so as to enable the large particles of cream collected between the cylinder and the inner surface of the drum to be conveyed into the spaces between the plates. (2.) The improved centrifugal-machine liner constructed, arranged, and operating as described, with reference to and shown in the drawings.

(Specification, 4s. 6d.; drawings, 5s. 6d.)

No. 13050.—8th October, 1900.—ELECTRIC LIGHTING BOARDS, LIMITED, of 3, Waterloo Place, Pall Mall, London, England, Manufacturers (assignees of Ernest Greil and Emile Audiger, both of 138, Boulevard St. Honoré, Paris, France, Electricians). Improvements in contact-appliances for electric glow lamps.

Claims.—(1.) A contact-appliance for an electric glow lamp comprising a board or table having on it parallel bands of penetrable conducting-material insulated from each other and alternately connected to the + and - terminals of a source of electricity, and a glow lamp or stand made with two spikes connected to its leading-in wires, so that on thrusting these spikes into a pair of the bands the leading-in wires become connected to the source of electricity, substantially as described. (2.) A modified form of the contact-appliance wherein the board or table has two superposed sheets of conducting-material separated by insulating-material, and the glow lamp or its stand has two spikes of different lengths, the longer one having part of its length covered with insulating-material, substantially as described.

(Specification, 5s.; drawings, 5s. 6d.)

No. 13056.—8th October, 1900.—FRANCIS ARTHUR RICH, of Karangahake, Auckland, New Zealand, Mining Engineer. Improvements in velocipede driving-gear.

Claim.—The combination of two or more chain driving-gears fitted to one velocipede, with at least one wheel of the pair of wheels belonging to each chain-gear free; and each free wheel fitted with adjustable lug, pawl, or clutch, or several of them, so that any one of the gears may be thrown in or out of use for driving the velocipede by having its free wheel rendered fixed or free by means of a changing-lever attached to an easily accessible part of the velocipede-frame, which changing-lever, by means of suitable connection, as wire, cord, rod, or suchlike, adjusts guides attached to the velocipede-frame, so that they throw in or out of gear, as the case may be, the lugs, pawls, or clutches used to render the changing-gear wheels fixed or free, all for the purpose set forth, substantially as described and illustrated.

(Specification, 7s. 6d.; drawings, 8s.)

No. 13058.—12th October, 1900.—THE INTERNATIONAL METAL-EXTRACTION COMPANY, a corporation organized under the laws of the State of Colorado, United States of America, whose principal office is located at 252, Equitable Building, Denver, Colorado aforesaid (assignee of Morris Seligsohn, of 252, Equitable Building, Denver aforesaid, Chemist). A method or process of treating ores.

Claims.—(1.) The described process of treating ores which consists in introducing into the wet pulp air charged or impregnated with chemicals which will have the effect not only of altering the physical conditions of the particles being treated, but also are efficacious in keeping the amalgam clean and of the proper consistency, and efficacious in preventing its "sickening" and "flouring." (2.) The described process of treating ores which consists in the discharge into the wet pulp of air charged or impregnated with chemicals which will not only alter the physical condition of the particles being treated, but also is efficacious in saponifying any grease or oil that may be present in the pulp, clarifying and making the pulp more amenable to amalgamation by its action upon the clay and matter in suspension, and keeping the amalgam upon the plate clean and of proper consistency to accomplish its functions. (3.) The described process of treating ores which consists in bringing ammoniated air in combination with chlorine gas into the presence of wet ore-pulp. (4.) The described process of treating ores which consists in admitting ammoniated air in combination with chlorine gas below the surface of wet ore-pulp, and discharging it upwards therethrough. (5.) The described process of treating ores which consists in bringing ammoniated air and bromine gas into the presence of wet ore-pulp. (6.) The described process of treating ores which consists in bringing ammoniated air, bromine and chlorine gas, into the presence of wet ore-pulp. (7.) The described improved amalgamation process of treating ores which consists in bringing bromine gas into the presence of wet ore-pulp, which gas acts upon the values, altering their exterior in such a manner as to make them subject to subsequent amalgamation, and also prevents the "sickening" and "flouring" of the mercury. (8.) The described process of treating ores which consists in bringing chlorine gas into the presence of wet ore-pulp, which gas acts upon the values, altering their exterior in such a manner as to make them subject to subsequent amalgamation, and also prevents the "sickening" and "flouring" of the mercury. (9.) The described process of treating ores which consists in bringing bromine gas in combination with chlorine gas into the presence of wet ore-pulp, which gas acts upon the values, altering their exterior in such a manner as to make them subject to subsequent amalgamation, and also prevents the "sickening" and "flouring" of the mercury. (10.) The described process of separating ores which consists in bringing said ores into the presence of ammoniated air in the manner and for the purpose herein set forth.

(Specification, 8s.; drawings, 5s. 6d.)

No. 13060.—12th October, 1900.—FREDERIC GODFREY HUGHES, of National Mutual Buildings, Collins and Queen Streets, Melbourne, Victoria, Legal Manager (assignee of John Hylard, of 20, Acland Street, St. Kilda, Victoria, Gentleman). An improved bandoleer or cartridge-belt for carrying ammunition for magazine rifles and other small-arms.

Claim.—An improved bandoleer or cartridge-belt, having a series of containers or clips, each constructed so as to hold the number of cartridges required to fill the magazine, and to admit of said cartridges being pressed direct from the bandoleer into the breech or magazine of the rifle or other small-arm in one operation, substantially as and for the purposes specified.

(Specification, 5s. 3d.; drawings, 10s. 6d.)

No. 13061.—12th October, 1900.—ELECTRIC LIGHTING BOARDS, LIMITED, of 3, Waterloo Place, Pall Mall, London, England, Manufacturers (assignees of Julian Adolphe Halford,

of 22, Chepstow Villas, Bayswater, London aforesaid, Manufacturer). Improvements in conductors and contacts for electrical glow lamps.

Claims.—(1.) A conducting bar or board, containing in grooves along it two insulated bundles of conducting-wires adapted to receive spikes connected to the wires of a glow lamp, stand, or electrical fitting, substantially as described with reference to Figs. 1 and 2. (2.) A conducting-bar, containing in grooves along it two insulated bundles of conducting-wires adapted to receive spikes connected to the wires of a glow lamp or connection-fitting, and provided with a dovetail to receive the conical head of the sheath of a fitting or a conical ring, or the head of a lamp, substantially as described with reference to Figs. 3, 4, 5, and 6. (3.) A flexible conductor or cable containing two insulated bundles of conducting-wires, with non-conducting penetrable covering, substantially as described with reference to Fig. 7. (4.) A glow lamp having spikes connected to its leading-in wires, and on its head a projecting annular bead, by which it can be pushed on to a conducting bar, board, or cable, its spikes penetrating conductors therein, substantially as described with reference to Figs. 1 and 7. (5.) A glow lamp or connection-fitting, having spikes connected to its wires, and a rotatable conical ring or head by which it can be pushed on to an inverted conducting-bar, and held in a dovetail thereof, substantially as described.

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

No. 13062.—12th October, 1900.—WILLIAM JOHN LINTON, of 30, Norwich Avenue, Woodstock, Ontario, Canada, Draftsman and Designer. Improvements in hydraulic air-compressors.

Claims.—(1.) The combination with an hydraulic air-compressor of the type described, comprising a descending body of water, means for introducing air into said body of water while it is descending, and means for separating said air and water, of means for automatically regulating the power of compression of said compressor to a predetermined normal, for the purpose set forth. (2.) In combination with the standpipe of an hydraulic air-compressor of the class described, a valve for automatically controlling the passage of water through said standpipe, for the purpose set forth. (3.) In an hydraulic air-compressor of the class described, means for automatically controlling the supply of air to said compressor. (4.) In an hydraulic air-compressor of the class described, the combination with the water-conductor of an air-supplying section, consisting of a hollow annular part resting upon the upper end of said water-conductor, a series of air-conducting bars extending transversely of and communicating at their ends with said annular part, and having air-exits in their under-sides, an air-conducting pipe communicating with the atmosphere at its upper end and connected to said annular part at its lower end, and a damper for controlling said pipe, substantially as described, and for the purpose set forth. (5.) In an air-compressor of the class described, the combination with the standpipe of a series of horizontally arranged air-supplying sections superimposed one upon the other, and an independent air-conducting pipe leading to each section, substantially as and for the purpose set forth. (6.) In an air-compressor of the class described, the combination with the standpipe of a series of horizontally arranged air-supplying sections superimposed one upon the other, each section consisting of a hollow annular part, and a series of air-conducting bars of V cross-section, arranged with their open sides facing downward, extending transversely of and communicating at their ends with said annular part; an independent air-conducting pipe leading to each section, and a damper for controlling each pipe, substantially as and for the purpose set forth. (7.) In an hydraulic air-compressor of the type described, comprising a descending body of water, a series of air-supplying devices immersed at their lower ends in said descending body of water and communicating at their upper ends with the atmosphere, and adjustable means for deflecting said water as it varies in volume to envelope the air-egress ports of said devices, for the purpose set forth. (8.) In an hydraulic air-compressor of the type described, comprising a descending body of water, a series of air-supplying devices immersed at their lower ends in said descending body of water, and communicating at their upper ends with the atmosphere, means for automatically controlling the passage of air through the air-egress ports of said devices, for the purpose set forth. (9.) In combination with the standpipe of an hydraulic air-compressor of the class described, a valvular cylindrical section of a diameter to rest upon the top of said standpipe, and means for adjusting said valvular section to and from said standpipe, for the purpose set forth. (10.) In an hydraulic air-compressor of the class described, the combination with the standpipe thereof and the pipe for conducting the compressed air therefrom of

a valvular cylindrical section of a diameter to rest upon the top of said standpipe; a vertical cylinder; means for supporting said vertical cylinder above said valvular section; a piston within said vertical cylinder; a piston-rod connected at its upper end to said piston, and at its lower end to said valvular section; a three-way valve; a branch pipe connecting the lower end of said vertical cylinder to one of the ports of said three-way valve; a second branch pipe connecting another of the ports of said three-way valve to the said compressed-air conducting-pipe; a horizontal cylinder located adjacent to said three-way valve; a piston within said last-mentioned cylinder; a piston-rod connected at one end to said last-mentioned piston; a bell-crank lever; means for supporting said bell-crank lever, one of the arms of said bell-crank lever being connected to the outer end of said last-mentioned piston-rod, the other arm of said bell-crank lever being elongated and graduated in the form of a beam, and having a counterpoise movable longitudinally thereon; a lever connected rigidly at one end to the valve-stem of said three-way valve, and at its other end to the outer end of said last-mentioned piston-rod; a branch pipe connecting said second branch pipe to said horizontal cylinder; and means for guiding said valvular cylindrical section in its movement to and from the top of the standpipe; substantially as described, and for the purpose set forth. (11.) The improved system of hydraulic air-compression which consists in establishing the downward and upward or return flow of a column of water, and separating the air contained therein from the upward or return portion of such column of water. (12.) An apparatus for compressing air by the action of a body of water travelling first downwardly and then upwardly, means for separating the air from the water under pressure during its upward travel. (13.) An hydraulic air-compressing apparatus having a vertical standpipe for conducting the water downwardly, and means for forming a pair of sub-chambers, located one above and adjacent to the other, and the lowermost above and adjacent to the lower end of said standpipe, and said sub-chambers having their lower ends open; a dome forming a main chamber enclosing said sub-chambers and the lower end of said standpipe; an air-pipe leading from the lower to the upper sub-chambers, a second air-pipe leading from the upper sub-chamber to the point of consumption; and a water-conductor leading upwardly from the dome; substantially as described, and for the purpose set forth. (14.) An hydraulic air-compressing apparatus having a vertical standpipe for conducting the water downwardly; a dome located at and enclosing the lower end of said standpipe, and having a truncated conical top; a vertically arranged cylindrical section with open ends, supported in said dome above the lower end of said standpipe; a horizontal diaphragm dividing said cylindrical section midway of its height; a tubular section connected at its upper end to the edge of the opening in the top of the dome and extending downwardly a short distance below the upper edge of the cylindrical section, an air-pipe leading from a point a short distance above the lower end of said cylindrical section upwardly to the space between said tubular section and the top of the dome; and a second air-pipe leading from said space to the point of consumption, substantially as described and for the purpose set forth. (15.) In hydraulic air-compressing apparatus having a vertical standpipe contained within an enclosing chamber, and a vertical return passage for the water from said standpipe, with a lateral bend therein, and means for separating the air from such water during its upward flow and before it passes through such lateral bend.

(Specification, 15s.; drawings, 10s. 6d.)

No. 13063.—12th October, 1900.—ALEXANDRE TROPENAS, of 6, Rue d'Erlanger, Paris, France. Improvements in the manufacture of steel, steel-castings, or ingot-iron, and in apparatus and appliances employed therein.

Claims.—(1.) In the acid or basic processes by the pneumatic system, the improved method of manufacturing steel, steel-castings, or ingot-iron, by causing the blast of air to act only upon the surface of the molten bath, so as to avoid the agitation and gyrating motion peculiar to other pneumatic processes, substantially as described. (2.) The general construction and arrangement of apparatus as described for carrying out my improved method of manufacturing steel, steel-castings, or ingot-iron. (3.) The use in my improved apparatus of two or more rows of tuyères arranged and operating substantially as and for the purposes described. (4.) The method of increasing the temperature within the converter by projecting air through tuyères arranged at a sufficient height for causing combustion of the carbonic oxide and hydrogen evolved during the operation, substantially as described. (5.) In the acid or basic processes of the manufacture of steel, steel-castings, or ingot-iron by the pneumatic system, the particular disposition, arrangement, and combination of parts and appliances substantially as described, and as shown in Figs. 1, 2, 3, and 4 of the drawings.

(6.) In the acid or basic processes of the manufacture of steel ingots, steel-castings, and ingot-iron by the pneumatic system, constructing the converter-bottom conical, round, hemispherical, or of any other convenient shape, by means of which a great depth in proportion to the surface-area at the top and cubical capacity of the same is obtained, in the manner and for the purposes substantially as described and illustrated. (7.) In the acid or basic processes of the manufacture of steel ingots, steel-castings, and ingot-iron by the pneumatic system, the particular disposition, arrangement, and combination of parts and appliances comprising—the outlet provided near the upper portion or throat of the converter in addition to the ordinary orifice, the pipe leading from the said orifice whereby a portion of the gas emitted from the bath may be conducted through one of the trunnions, the receiver through which the gas passes from the last-named pipe and trunnions into a regenerator or regenerators in which the air used in the blowing process is heated on its way to the converter, in the manner and for the purposes substantially as described and illustrated. (8.) In the acid or basic processes of the manufacture of steel ingots, steel-castings, and ingot-iron by the pneumatic system, the use of the particular disposition, arrangement, and combination of parts and appliances comprised in claims 5 and 6, either with or without the apparatus and appliances described in claim 7—that is to say, I claim the use of my improved apparatus and appliances as described in claims 5 and 6, either with hot or with cold air, in the manner and for the purposes substantially as described and illustrated. (Specification, 14s.; drawings, 10s. 6d.)

No. 13070.—15th October, 1900.—JOHN QUINN, of the Royal Hotel, Young, New South Wales, Engineer; JOHN HENRY TURLAND, of the same address, Battery-proprietor; and WILLIAM GEORGE ARCHER, Sen., of Wallendbeen, New South Wales, Butcher. Improvements in and relating to stripping-and-harvesting machines.

Claims.—(1.) In stripping-and-harvesting machines, the combination of a fixed body, with side and guide plates, of an adjustable drum adapted to be lowered and raised, for the purposes described. (2.) In stripping-and-harvesting machines having fixed bodies, a drum carrying a beater and a comb adapted to maintain a horizontal position, in combination with bearings and slide-blocks adapted to be raised and lowered, as and for the purposes set forth. (3.) In stripping-and-harvesting machines having fixed bodies and a movable drum, the combination therewith of an adjustable or telescopic grain-chute adapting itself to the varying positions occupied by the drum when raised or lowered, as and for the purposes set forth. (4.) In stripping-and-harvesting machines having fixed bodies, a movable drum, and an adjustable grain-chute, the combination therewith of side links and pivoted levers operated with raising and lowering mechanism, as described and shown, and for the purposes set forth. (5.) In stripping-and-harvesting machines having adjustable drums, the combination, with the beater spindle of the said drum, of driving-mechanism adapted to the changing positions of the said drum when raised or lowered, as and for the purposes set forth. (6.) In stripping-and-harvesting machines having fixed bodies, the combination, with a wet-weather beater, of an adjustable drum and an adjustable grain-chute, as and for the purposes set forth. (7.) In stripping-and-harvesting machines having adjustable drums, a guide-block and bearing and clamping-device, as described and shown, and for the purposes set forth. (8.) In stripping-and-harvesting machines, the combination of a movable floor and a sliding door, with the mechanism for operating the same, as described and shown, and for the purposes set forth. (9.) In stripping-and-harvesting machines having a downwardly moving floor and a sliding door adapted to discharge the stripped grain both downwardly and outwardly, the combination of an operating hand-wheel, a worm and worm-wheel, a spindle and pulleys, suspending ropes or chains, split guide-tubes, guide-rods, a transverse spindle carrying a sheave, and a suspended rope or chain connection, as described and shown, and for the purposes set forth. (10.) The general combination and arrangement of the parts described, the whole forming our improvements in and relating to stripping-and-harvesting machines, as described, and illustrated in the drawings. (Specification, 7s. 6d.; drawings, £1 10s. 6d.)

No. 13073.—17th October, 1900.—AMBROSE FOSS THOMPSON, of Madeline Street, Hunter's Hill, New South Wales, Gentleman. An improved sealing-buckle for use on mail-bags and the like.

Claims.—(1.) In an improved buckle, a receptacle for sealing-wax, one portion of which is an integral part of buckle, the other being hinged thereto, substantially as described, and as illustrated in the drawings. (2.) A buckle having a

receptacle for sealing-wax, one portion of said receptacle being an integral part of buckle, the other portion being hinged thereto, and having a spring catch or lock, substantially as described, and as illustrated in the drawings. (3.) In a mail-bag buckle, the combination with an ordinary buckle consisting of a tongue and cross-bars of a wax-bed consisting of a fixed and a hinged part, substantially as described and as illustrated.

(Specification, 1s. 9d.; drawings, 5s. 6d.)

No. 13075.—13th October, 1900.—WILLIAM ADAMS, of Lawrence, New Zealand, Miner. Improved gold-saving tables especially for gold-dredges.

Claims.—(1.) In gold-saving tables, the causing of any or all of the tables to reciprocate or rock by power, for assisting to catch the gold, combined with doors for causing an even or desired distribution of the wash, substantially as described, and shown in the drawing. (2.) In combination, moving tables and their troughs, and distributing-boxes E, F, G, H, I, and J, with regulating-doors K, K¹, substantially as set forth, and for the purposes specified. (3.) In combination, the tables only E and H, moving by reciprocating and rocking motion, substantially as set forth.

(Specification, 3s.; drawings, 5s. 6d.)

No. 13080.—15th October, 1900.—JAMES STOREY MAXWELL, of Rocky Nook, near Auckland, New Zealand, Gentleman. A combined side- and centre-discharge silt-punt for reclaiming and dumping purposes.

Claims.—(1.) In a silt-punt, two watertight compartments connected to one another, with a space between them, in which space a V-shaped hopper is fixed to said compartments, said hopper having a door on the lower end of one side, and on the upper end of the opposite side a windlass with a chain or chains connected from its drum to the door, for the purpose set forth, substantially as described and illustrated. (2.) In a silt-punt, a deflecting piece or plate loosely fitted or hinged to a stay, fixed beneath a V-shaped hopper secured in a space between two watertight compartments connected to one another, said hopper having a door, for the purpose set forth, substantially as described and illustrated. (3.) In a silt-punt, in combination, two watertight compartments connected to one another, with a space between them, a V-shaped hopper fixed to and between said compartments in said space, a door in the lower end of one side of said hopper, a windlass placed on upper part of opposite side of said hopper, a chain or chains winding on drum of said windlass and connected to said door, a stay beneath hopper in said space, and a deflecting piece or plate loosely fitted or hinged to said stay, all for the purpose set forth, substantially as described and illustrated.

(Specification, 4s.; drawings, 3s.)

No. 13081.—16th October, 1900.—ALFRED GRACE THOMPSON, of Bay Street, North Brighton, Victoria, Saddler. Improvements in harness-saddles.

Claims.—(1.) The improvement in harness-saddles consisting of a metallic saddle-tree cast or stamped all in one piece, having through an integral flange holes for the passage of the terret-screws and the bolt or screw for the check-rein hook, and an integral tongue protruding from the lower end of each leg to engage bridges in the upper lining of the pad, all as and for the purposes described, and as illustrated in the drawings. (2.) The improvement in harness-saddles consisting of a removable pad or cushion fitting between rolls on each side of the flaps, and having nuts to hold terret-screws riveted to the upper lining of the pad, and bridge-pieces cut in the said lining to receive tongues on the bottom of the saddle-tree legs, and at the lower end of each side of the lining a metallic extension-piece to fit into a catch on the inside of the flap or cover, all as and for the purposes described, and as illustrated in the drawings. (3.) Improvements in harness-saddles consisting of a metallic saddle-tree cast or stamped all in one piece, having through an integral flange holes for the passage of the terret-screws and the bolt or screw for the check-rein hook, and an integral tongue protruding from the lower end of each leg to engage a bridge in the upper lining of the pad, in combination with a removable pad or cushion fitting between depending rolls extending each side of the flaps, and having nuts to hold terret-screws riveted to the upper lining of the pad, and bridge-pieces cut in the said lining to receive tongues on the bottom of the saddle-tree legs, and at the lower end of each side of the lining a metallic extension-piece to fit into a catch on the inside of the cover, all as

and for the purposes described, and as illustrated in the drawings.

(Specification, 4s. 8d.; drawings, 5s. 6d.)

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, 24th October, 1900.

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

No. 13036.—4th October, 1900.—DAVID BAILLIE, of Pahiatua, New Zealand, Machinist. Improvements in or relating to candlesticks.

No. 13044.—9th October, 1900.—JOHN HOLMES, of Wellington, New Zealand, Merchant, and THOMAS SAMUEL GRACE, of Blenheim, New Zealand, Archdeacon. An improved fire-escape ladder.

No. 13051.—8th October, 1900.—THE NEW ZEALAND LOAN AND MERCANTILE AGENCY COMPANY, LIMITED, of Hereford Street, Christchurch, New Zealand (assignee of Charles Bristow, of Christchurch aforesaid, Engineer). An improved potato-digger.

No. 13052.—8th October, 1900.—WALTER LANHAM, of Woolston, Christchurch, New Zealand, Labourer. Improved adjustable clothes-rack.

No. 13054.—11th October, 1900.—ALFRED VINCENT, of Normanby, Taranaki, New Zealand, Fellmonger. An ointment for the speedy cure of sores, cuts, &c., of any description on either human beings or animals.

No. 13057.—12th October, 1900.—CHARLES BURRIDGE, Photographer, and HARRY BROWN, Blacksmith, both of Wairoa, Hawke's Bay, New Zealand. An invention for coupling and uncoupling railway-carriages, &c.

No. 13059.—11th October, 1900.—ROBERT MCGAFFIN, of Hastings, Hawke's Bay, New Zealand, Contractor. Improvements in disc harrows.

No. 13065.—12th October, 1900.—SAMUEL ATCHISON, of Heriot, New Zealand, Blacksmith. An improved horse-shoe.

No. 13066.—12th October, 1900.—JOHN GEORGE RUDDEN-KLAU, of Moeraki, Canterbury, New Zealand, Farmer. Turnip-utter.

No. 13067.—15th January, 1900.—JOSEPH SPEIGHT, of Kirwee, Canterbury, New Zealand, Engineer, and WILLIAM JOYCE, of Halkett, Canterbury aforesaid, Blacksmith. An invention for preventing marine engines from "racing."

No. 13068.—15th October, 1900.—ERNEST SMITH BALDWIN, of National Chambers, Grey Street, Wellington, New Zealand, Consulting Engineer. Improvements in revolving screens used for saving gold, tin, and the like.

No. 13069.—15th October, 1900.—GEORGE ANDREW, of 88, Barkly Street, Carlton, Victoria, Joiner, and THOMAS RAMSDEN ASHWORTH, of 325, Collins Street, Melbourne, Victoria, Estate Agent. An improved cash register and indicator.

No. 13072.—15th October, 1900.—JOHN JAMES BOAGEY, of Pahiatua, New Zealand, Saddler. A self-locking window-fastener.

No. 13074.—16th October, 1900.—RICHARD STEVENS, of Ferry Road, Linwood, Christchurch, New Zealand, Cooper. An improved device to prevent false alarms of fire, &c.

No. 13078.—18th October, 1900.—FREDERICK WILLIAM BRYANT, of Wellington, New Zealand, Civil Engineer. An improved apparatus for prospecting gold.

No. 13084.—20th October, 1900.—HENRY MAYR, of Pitt Street, Auckland, New Zealand, Carpenter and Joiner. An improved sash-and-frame combination.

No. 13085.—19th October, 1900.—HENRY DEVOY, of Lyttelton, Canterbury, New Zealand, Bootmaker. Improvements in boot-protectors.

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.

- L**IST of Letters Patent sealed from the 7th October, 1900, to the 24th October, 1900, inclusive:—
- No. 11635.—H. Ramsey, cooking-apparatus.
 No. 11740.—C. Adams, wire-strainer.
 No. 11768.—W. A. Shore and J. White, gold-saving apparatus.
 No. 11778.—J. Lowden, coupling and uncoupling railway rolling-stock.
 No. 11781.—R. W. Manning, sheep-shears.
 No. 11783.—E. House, A. Loughrey, J. A. Holmes, and R. Tomline, steeping grain.
 No. 11788.—F. W. Payne, dredging-appliance.
 No. 11801.—R. K. Williams, oil-filter.
 No. 11825.—R. O. Clark, jun., clay-moulding machine.
 No. 11860.—E. W. Hall, syringe and hot-water bag combined.
 No. 11868.—E. Stevens, fire-screen.
 No. 11881.—J. M. Taylor and H. Oakley, acetylene-generator.
 No. 12048.—C. C. Paltridge, treating paper for press-copying.
 No. 12075.—H. Strawbridge, blight-destroyer.
 No. 12162.—McKay Shoe-machinery Company, jack for nailing-machine (W. H. Cuff).
 No. 12177.—J. J. Roth, soap-block and advertising-tablet.
 No. 12206.—J. King, spark-arrester.
 No. 12510.—C. Kunzelmann, lock.
 No. 12555.—W. H. Norton, wire-strainer.
 No. 12590.—N. Du Brui, cigarette-machine.
 No. 12636.—G. Allen, securing bracket to wall.
 No. 12667.—C. B. Trefle, equaliser for yoking horses.
 No. 12680.—E. Waters, jun., tanning hides (R. Combret).
 No. 12704.—J. Osborne, sinking artesian wells.
 No. 12712.—J. F. Bennett, hydrocarbon motor.
 No. 12714.—J. B. Leatherbarrow and T. B. Margetts, harvester.
 No. 12715.—H. Marshall, head-rest for chair.
 No. 12720.—J. Y. Buchanan, electric cable.
 No. 12721.—R. K. Gray, electric cable.
 No. 12723.—T. N. Beavan, treating ores (E. Petersson).
 No. 12724.—A. W. Macnochie, connecting provision-tins.
 No. 12725.—E. Waters, jun., acetylene-generator (A. Husson and E. W. Lancaster).
 No. 12726.—G. J. and C. H. Hoskins, metal-pipe-forming machine.
 No. 12727.—G. J. Hoskins, metal-pipe-forming machine.
 No. 12734.—H. S. Durand and R. K. McLellan, stuffing-box.
 No. 12735.—H. S. Durand, stuffing-box.
 No. 12744.—The British Westinghouse Electric and Manufacturing Company (Limited), governor for internal-combustion engine (E. Ruud).
 No. 12752.—H. S. Chipman, burner.
 No. 12753.—L. C. Nielsen, burner.
 No. 12754.—S. P. A. Anderson, churn.
 No. 12760.—Fraser and Chalmers (Limited), pump (J. Stumpf).
 No. 12761.—A. Germot, treating lead-ores.
 No. 12762.—J. Smith and Sons (Limited) and W. Leach, recovering grease from wash-liquors of wool.
 No. 12763.—The America Cigar-machinery Company, cigar-machine (O. Tyberg, R. L. Patterson, and G. Arents, jun.)
 No. 12771.—D. C. Kee, kerosene-tin-bucket frame.
 No. 12772.—G. E. Woodbury, concentrator.
 No. 12779.—J. Perrott, cash-register.
 No. 12780.—G. G. Turri, wheel (E. Olund and P. J. Caesar).
 No. 12781.—A. J. Knowles, controller for oil-engine.
 No. 12788.—F. B. Hart, rail-joint.
 No. 12791.—United Shoe-machinery Company, lasting-machine (S. W. Ladd).
 No. 12797.—W. T. and W. J. Nuttall and H. P. Meyer, seed-dresser.
 No. 12799.—F. N. Spear, fuel-feeder.
 No. 12810.—G. A. Hanna and T. A. Swanson, liquid-welgher.
 No. 12812.—H. Ranish, billiard-cushion.
 No. 12838.—J. H. Walker, syringe and reservoir combined.
 No. 12863.—A. E. Hight, watercourse-cleaning appliance.
- F. WALDEGRAVE,
Registrar.

Letters Patent on which Fees have been paid.

[NOTE.—The dates are those of the payments.]
 SECOND-TERM FEES.

- N**O. 8938.—H. W. T. Doggett, J. McChesney, and F. J. Dignan, preventing horses from bolting. 16th October, 1900

- No. 8946.—J. D. Wigglesworth and F. C. Binns, and F. J. Denton, bas-relief photograph (A. Martin). 22nd October, 1900.
 No. 8957.—F. Templer, disinfecting and deodorising. 16th October, 1900.
 No. 9071.—F. G. M. Brittin and B. W. Glass, freezing meat. 22nd October, 1900.

THIRD-TERM FEES.

- No. 6501.—The Australasian Compressed Fodder Company, Limited, compressing fodder (M. K. Westcott). 22nd October, 1900.

F. WALDEGRAVE,
Registrar.

Subsequent Proprietors, &c., of Letters Patent registered.

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

- N**O. 9486.—John McFarlane, of Wanganui, New Zealand, horse-cover. *Licensee in respect of the North Island of New Zealand for the residue of the term of fourteen years and for any further term.* [E. H. Brown.] 19th October, 1900.
 No. 12101.—The New Zealand Loan and Mercantile Agency Company, Limited, of 167, Hereford Street, Christchurch, New Zealand, seed-feeder. [J. W. Stonyer.] 19th October, 1900.

F. WALDEGRAVE,
Registrar.

Request to amend Specification allowed.

THE request to amend Specification No. 6545—J. W. Wade, skylight-frame—advertised in Supplement to *New Zealand Gazette*, No. 73, of the 16th August, 1900, has been allowed.

F. WALDEGRAVE,
Registrar.

Applications for Letters Patent lapsed.

LIST of applications for Letters Patent (with which complete specifications have been lodged) lapsed from the 10th October, 1900, to the 24th October, 1900, inclusive:—

No. 11541.—J. R. Vaile, combined burnisher and ink- and pencil-eraser.

F. WALDEGRAVE,
Registrar.

Applications for Letters Patent abandoned.

LIST of applications for Letters Patent (with which provisional specifications only have been lodged) abandoned from the 10th October, 1900, to the 24th October, 1900, inclusive:—

- No. 12203.—J. McIntyre, swingletree.
 No. 12233.—P. H. Pritchett, cycle-driving mechanism.
 No. 12237.—J. J. Harris and E. Toft, sporting glove.
 No. 12242.—J. Welsby, dredging-machinery.
 No. 12243.—F. W. Adams, seed-cleaning screen.
 No. 12245.—F. J. Olsen and E. H. Whitmore, purifying water.
 No. 12261.—F. Clifford, flax dryer and bleacher.

F. WALDEGRAVE,
Registrar.

Letters Patent void.

LIST of Letters Patent void through non-payment of fees from the 10th October, 1900, to the 24th October, 1900, inclusive:—

THROUGH NON-PAYMENT OF SECOND-TERM FEES.

- No. 8637.—P. Riordan, toothache-curing appliance.
 No. 8642.—H. Arzt, electric generator.
 No. 8643.—H. Bingham and J. A. Wallace, cycle-tire.
 No. 8647.—E. F. Turner, elevator for liquids.
 No. 8649.—E. F. Turner, treating zinc-ores.
 No. 8654.—F. W. Page, fencing-staple.
 No. 8659.—W. H. Trengrove, cycle-propelling gear.
 No. 8661.—H. A. Veazie, cycle-tire.
 No. 8662.—T. A. Bromell, wire-strainer.
 No. 8666.—J. Speight, bicycle-driving gear.
 No. 8667.—J. F. Stephenson, removing solid matter from water.
 No. 8668.—J. O. Egestorff, box for laundry blue.

No. 8669.—J. C. Moore, reaper-and-harvester.
 No. 8670.—O. E. Adolph, stacking-apparatus.
 No. 8671.—C. Phillips, ore-dresser and gold-separator.
 No. 8672.—C. Wadey and A. W. Thomas, mailbag-fastener
 (A. W. Thomas and J. H. Dunkin).
 No. 8673.—H. M. Clark, wire-strainer (D. Moritz).
 No. 8675.—A. S. Bowman, vehicle-wheel.
 No. 8676.—W. R. Brownlee, guiding-pulleys.

THROUGH NON-PAYMENT OF THIRD-TERM FEES.

No. 6300.—The Dix Churn Company (Limited), churn
 (J. H. H. Duncan).
 No. 6312.—R. Condon, fang-bolt.

F. WALDEGRAVE,
 Registrar.

Designs registered.

DESIGNS have been registered in the following names on the dates mentioned:—

No. 120.—James George, of 8, Station Place, Carlton, Victoria, Salesman, and Alfred Collins, of 255, Drummond Street, Carlton aforesaid, Salesman. Class 3; 4th October, 1900.

No. 121.—Arthur Henry Milner, of Mawhera Quay, Grey-mouth, New Zealand. Class 6; 6th October, 1900.

No. 122.—Joseph Bolton Mansfield, of Manchester Street, South Christchurch, New Zealand, Monumental Mason. Class 3; 8th October, 1900.

F. WALDEGRAVE,
 Registrar.

Applications for Registration of Trade Marks.

Patent Office,
 Wellington, 24th October, 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: 3100.
 Date: 23rd July, 1900.

TRADE MARK.



The essential particular of this trade mark is the representation of a spray of titoki; and any right to the exclusive use of the word "Ma-uru" is disclaimed.

NAME.

The MA-YURU COMPANY, of Wanganui, New Zealand, Manufacturers.

No. of class: 3.
 Description of goods: Medicine.

No. of application: 3203.
 Date: 9th October, 1900.

TRADE MARK.



The essential particular of this trade mark is the distinctive device; and the applicant disclaims any right to the exclusive use of the added matter except his name.

NAME.

ARTHUR NEEDHAM, Jun., of Longburn, New Zealand, Manufacturer.

No. of class: 2.
 Description of goods: Ointment.

No. of application: 3204.
 Date: 9th October, 1900.

TRADE MARK.

DIAMOND.



NAME.

JAMES COSTER, of Mount Roskill Road, Auckland, New Zealand, Chemist.

No. of class: 3.
 Description of goods: Medicines.

No. of application: 3205.
 Date: 15th October, 1900.

TRADE MARK.



The essential particular of this trade mark is the representation of a robin; and the applicants disclaim any right to the exclusive use of the added matter, except the word "Robin," which has been already registered by them.

NAME.

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

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

No. of application : 3206.
Date : 15th October, 1900.

TRADE MARK.



The essential particular of this trade mark is the figure of a Highlander with drawn claymore; and the applicants disclaim any right to the exclusive use of the added matter, except the word "Chieftain," which has already been registered by them.

NAME.

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

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

No. of application : 3208.
Date : 20th October, 1900.

TRADE MARK.



The essential particular of this trade mark is the device; and any right to the exclusive use of the added matter is disclaimed

NAME.

JOHN HOWARD DALTON, of 210, Queen Street, Auckland, New Zealand, Tailor and Clothier.

No. of class : 38.
Description of goods : Articles of clothing.

F. WALDEGRAVE,
Registrar.

Trade Marks registered.

LIST of Trade Marks registered from the 10th October, 1900, to the 24th October, 1900, inclusive:—

- No. 2485; 3075.—E. F. Toby. Class 37. (*Gazette* No. 69, of the 2nd August, 1900.)
- No. 2486; 3089.—F. J. Claridge. Class 42. (*Gazette* No. 69, of the 2nd August, 1900.)
- No. 2487; 3090.—F. J. Claridge. Class 42. (*Gazette* No. 69, of the 2nd August, 1900.)
- No. 2488; 3096.—Major and Co., Limited. Class 2. (*Gazette* No. 69, of the 2nd August, 1900.)
- No. 2489; 3097.—Major and Co., Limited. Class 3. (*Gazette* No. 69, of the 2nd August, 1900.)
- No. 2440; 3098.—Major and Co., Limited. Class 47. (*Gazette* No. 69, of the 2nd August, 1900.)
- No. 2441; 3099.—Major and Co., Limited. Class 48. (*Gazette* No. 69, of the 2nd August, 1900.)
- No. 2442; 3106.—Merwanjee Poonjisjee and Sons. Class 42. (*Gazette* No. 69, of the 2nd August, 1900.)
- No. 2443; 3093.—Thompson and Hills. [Class 42. (*Gazette* No. 69, of the 2nd August, 1900.)
- No. 2444; 2813.—J. Aston and W. J. Harvey. Class 3. (*Gazette* No. 93, of the 10th November, 1899.)
- No. 2445; 3115.—E. Cook and Co., Limited. Class 47. (*Gazette* No. 73, of the 16th August, 1900.)
- No. 2446; 3116.—E. Cook and Co., Limited. Class 48. (*Gazette* No. 73, of the 16th August, 1900.)
- No. 2447; 3117.—W. King. Class 50. (*Gazette* No. 73, of the 16th August, 1900.)
- No. 2448; 3118.—The Leyland and Birmingham Rubber Company, Limited. Class 40. (*Gazette* No. 73, of the 16th August, 1900.)
- No. 2449; 3119.—The Leyland and Birmingham Rubber Company, Limited. Class 50. (*Gazette* No. 73, of the 16th August, 1900.)
- No. 2450; 3120.—Liebig's Extract of Meat Company, Limited. Class 42. (*Gazette* No. 73, of the 16th August, 1900.)

F. WALDEGRAVE,
Registrar.

Trade Marks Renewal Fees paid.

[NOTE.—The date is that of payment.]

NO. 86/3389.—J. J. Brown and Sons, London, England. (Two marks.) 18th October, 1900.

F. WALDEGRAVE,
Registrar.

Application for Registration of Trade Mark withdrawn.

NO. 3052.—I. and E. Ludski, M. Lichtenstein, and L. Arnoldson. (Advertised in Supplement to *New Zealand Gazette*, No. 50, of the 21st June, 1900.)

F. WALDEGRAVE,
Registrar.

Alphabetical List of Applicants for Letters Patent for Quarter ending 30th September, 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.

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Adams, A., Blenheim, N.Z. Clothes-strainer	12861	11 Aug.	77	30 Aug.*
Airey, H., and others, Mataura, N.Z. Envelope-opener	12960	7 Sept.*	..	..
Allen, G., Masterton, N.Z. Fixing bracket to wall	12636	23 May	69	2 Aug.
Allen, T. W., Otapiri Gorge, N.Z. Tailer, castrator, and ear-marker for sheep	12556	18 April	65	19 July.
American Cigar-machinery Company, Sharon, U.S.A. Cigar-machine. (O. Tyberg, R. L. Patterson, and G. Arents, jun.)	12763	5 July	65	19 July.
Andersson, S. P. A., Odeshog, Sweden. Churn	12754	2 July	65	19 July.
Andrews, W., Wellington, N.Z. Ball cock	12757	3 July	65	19 July.
Arents, G., jun., and others, New York, U.S.A. (See the American Cigar-machinery Company, No. 12763.)				
Armstrong, J., London, Eng. Obtaining zinc from ores	13019	27 Sept.	87	11 Oct.
Ashton, W. M., Westmere, N.Z. Device for holding sheep	12082	13 Oct., 1899	65	19 July.
Atkins, G. J., Middlesex, Eng. Manufacture of gas	12804	21 July	69	2 Aug.
Baker, J., and another, Stratford, N.Z. Motorpictoscope	12920	21 Sept.	83	27 Sept.*
Baldwin, T. M., and another, Dunedin, N.Z. Gold-saving apparatus	13005	22 Sept.	83	27 Sept.*
Bartley, E., Devonport, Auckland, N.Z. Angle-stud for securing scrim to walls	12094	13 Oct., 1899	65	19 July.
Basstian, E., Invercargill, N.Z. Emptying wash-tubs, &c.	12508	6 April	65	19 July.
Baxter, W. H., Leeds, Eng. Imparting motion to machinery	12950	4 Sept.	80	13 Sept.
Beal, C. A., and another, North east Valley, Dunedin, N.Z. Refuse-bin	12749	28 June	65	19 July.*
Beaumont, H. H., and others, Milwaukee, U.S.A. (See W. E. Hughes, No. 12996.)				
Bechi, de. (See under D.)				
Bedell, H. G., Wellington, N.Z. Spouting-bracket	13027	29 Sept.	87	11 Oct.*
Bedell, H. G., and another, Wellington, N.Z. Lead-heading nails ..	12811	25 July	69	2 Aug.*
Bedell, H. G., and another, Wellington, N.Z. Water-closet siphon	13015	27 Sept.	87	11 Oct.*
Beebe, M. C., and others, Pittsburg, U.S.A. Nernst lamp	12911	23 Aug.	77	30 Aug.
Bell, G. W., and another, Sydney, N.S.W. Computing-machine ..	12871	14 Aug.	77	30 Aug.
Bell, P. W., and another, Piaka, N.Z. Flax-scraper	12852	8 Aug.	73	16 Aug.
Bell, T., Eilerslie, N.Z. Packing starch	12895	28 Aug.	77	30 Aug.
Bellingham, S. R., Glen Hill, Picton, N.S.W. (See W. R. Fry, No. 12934.)				
Bennett, E., and others, Pittsburg, U.S.A. Nernst lamp	12911	23 Aug.	77	30 Aug.
Bice, W. P., and another, Melbourne, Vic. Fastening for leggings. (W. Taylor)	12913	23 Aug.	77	30 Aug.
Bidstrup, N., and others, Bradford, Vic. Boot-sole	12944	3 Sept.	80	13 Sept.
Bloomfield, H., Orepuki, N.Z. Tire for wagons, &c.	12872	15 Aug.	77	30 Aug.*
Blythe, W. R., Napier, N.Z. Shirt	13028	28 Sept.	87	11 Oct.*
Bowman, T., Liverpool, Eng. (See C. Lawson, No. 12867.)				
Boyd, T., Christchurch, N.Z. Securing cycle handle-bars	13004	22 Sept.	83	27 Sept.
Boyens, W. H., and another, Kaikoura, N.Z. Branding wool-bales ..	12287	8 Jan.	69	2 Aug.
Bragge, J., Camberwell, Vic. Carriage-truck for railways	12949	4 Sept.	80	13 Sept.
Brebner, A., London, Eng. Group-flashing apparatus for lighthouse	12936	31 Aug.	80	13 Sept.
Brigham, D., Auckland, N.Z. Horse-collar rolls	12932	28 Aug.	83	27 Sept.*
Brigham, F. G., New York, U.S.A. Spading-harrow	12803	20 July	69	2 Aug.
British Westinghouse Electric and Manufacturing Company, Limited, London, Eng. Electric railway. (R. C. Parsons)	12884	17 Aug.	..	..
British Westinghouse Electric and Manufacturing Company, Limited, Westminster, Eng. Electric generator. (N. W. Storer)	12902	22 Aug.	77	30 Aug.
British Westinghouse Electric and Manufacturing Company, Limited, Westminster, Eng. Electrical distribution. (C. I. Young)	12903	22 Aug.	77	30 Aug.
British Westinghouse Electric and Manufacturing Company, Limited, Westminster, Eng. Indicating speed of electric generator. (R. D. Mershon)	12926	29 Aug.	80	13 Sept.
British Westinghouse Electric and Manufacturing Company, Limited, London, Eng. Operating electric motor. (B. G. Lamme)	12444	7 March	83	27 Sept.
British Westinghouse Electric and Manufacturing Company, Limited, London, Eng. Dynamo-electric machine. (B. G. Lamme)	12448	9 March	83	27 Sept.
British Westinghouse Electric and Manufacturing Company, Limited, London, Eng. Controller for electric motor. (T. S. Perkins)	12557	24 April	83	27 Sept.
British Westinghouse Electric and Manufacturing Company, Limited, London, Eng. Lightning-arrester. (A. J. Wurts)	12560	24 April	83	27 Sept.
British Westinghouse Electric and Manufacturing Company, Limited, London, Eng. Alternating-current induction motor. (B. G. Lamme)	12969	12 Sept.	83	27 Sept.
British Westinghouse Electric and Manufacturing Company, Limited, Westminster, Eng. System of electrical distribution. (B. G. Lamme)	12977	14 Sept.	83	27 Sept.
British Westinghouse Electric and Manufacturing Company, Limited, Westminster, Eng. Electrical distribution. (C. I. Young)	13018	27 Sept.	87	11 Oct.
British Westinghouse Electric and Manufacturing Company, Limited, Westminster, Eng. Generating electro-motive force. (J. E. Miller)	13021	28 Sept.	87	11 Oct.
Broad, F., Christchurch, N.Z. Cloth-damping apparatus, and composition for press-copying	12979	13 Sept.	83	27 Sept.*
Broad, F., Christchurch, N.Z. Gas-heated iron	12982	13 Sept.	83	27 Sept.*
Bromiley, W., Dunedin, N.Z. Insect-killing composition	12891	17 Aug.	77	30 Aug.*
Bromiley, W., Dunedin, N.Z. Vessel for containing material for killing moths	12892	17 Aug.	77	30 Aug.*

ALPHABETICAL LIST OF APPLICANTS FOR LETTERS PATENT—continued.

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Brown, J., Earlston, Violet Town, Vic. Wire-strainer	12968	12 Sept. ..	83	27 Sept.
Brown, M., Mosgiel, N.Z. Feed-roller of chaff-cutter	12134	2 Nov., 1899..	73	16 Aug.
Brown, R. W., Auckland, N.Z. Attachment to bicycle	12990	14 Sept. ..	83	27 Sept.*
Brownless, G., Naracoorte, S.A. Gate-fittings	12970	12 Sept. ..	83	27 Sept.
Burrell, W., and another, Melbourne, Vic. Rabbit-crate	12334	23 Jan. ..	83	27 Sept.
Cæsar, P. J., and another, St. Louis, U.S.A. (See G. G. Turri, No. 12780.)				
Caldwell, R., Auckland, N.Z. Milking-instrument	12596	9 May ..	65	19 July.
Callahan, J., and others, Milwaukee, U.S.A. (See W. E. Hughes, No. 12996.)				
Cameron, D., Greytown, N.Z. Rifle	12808	24 July ..	..	..
Cameron, J. B., and another, Ballarat, Vic. Safety device for mining-cage. (H. Turner)	12840	2 Aug. ..	73	16 Aug.*
Campbell, J. P., Wellington, N.Z. Current-collector for electrical machine. (B. G. Lamme)	12397	16 Feb. ..	80	13 Sept.
Carder, G., and others, Auckland, N.Z. Sink and drain	12774	11 July ..	69	2 Aug.*
Carder, W., and others, Auckland, N.Z. Sink and drain	12744	11 July ..	69	2 Aug.*
Casgrain, L. A., Winchester, U.S.A. (See United Shoe-machinery Company, No. 12837.)				
Chatfield, R. F., Auckland, N.Z. Spur attachment	13006	22 Sept. ..	83	27 Sept.*
Chipman, H. S., Sydney, N.S.W. Oil-lamp burner	12752	2 July ..	65	19 July.
Christchurch Press Company, Limited, and another, Christchurch, N.Z. Production of overlays in illustration-printing	12821	28 July ..	69	2 Aug.*
Christensen, H. V., Copenhagen, Denmark. (See C. Dahl, No. 12873.)				
Church, A., Auckland, N.Z. Firearm-sight	12989	14 Sept. ..	83	27 Sept.
Church, A., Auckland, N.Z. Rifle-sight	12919	24 Aug. ..	80	13 Sept.*
Clamond, C., Paris, France. Gas-stove	12834	2 Aug. ..	73	16 Aug.
Clapcott, B., Auckland, N.Z. Knife-holder	12938	29 Aug. ..	80	13 Sept.*
Clark, E., Abbotsford, Vic. Horse-collar	12828	2 Aug. ..	73	16 Aug.*
Claydon, G., Christchurch, N.Z. Applying forced draught to furnaces Cleene, de. (See under D.)	12751	29 June ..	65	19 July.*
Collett, A. W., and another, Dannevirke, N.Z. Stump-jack	12858	10 Aug.* ..	..	..
Colville, J. A., Masterton, N.Z. Gate- or door-fastener	13003	22 Sept. ..	83	27 Sept.*
Constable, C. W., and another, Queenstown, N.Z. Spark-extinguisher	12859	7 Aug. ..	73	16 Aug.*
Cook, J. W., Christchurch, N.Z. Fastening for hamper	12937	29 Aug. ..	80	13 Sept.*
Cooper, E. K., Thames, N.Z. Gold-saving battery	12963	8 Sept. ..	83	27 Sept.
Cooze, C. J., Carterton, N.Z. Acetylene-generator	12377	12 Feb. ..	65	19 July.
Corbett, F. J., South Yarra, Vic. Manufacturing lead-carbonate	12864	13 Aug. ..	77	30 Aug.
Corbett, J., Orepuki, N.Z. Prospecting-machine	12827	28 July ..	73	16 Aug.
Crump, T. B., and another, Masterton, N.Z. Bridle-bit	12809	24 July ..	69	2 Aug.*
Craig, H., and others, San Francisco, U.S.A. Manufacture of brooms from New Zealand flax	13030	27 Sept. ..	87	11 Oct.*
Cuff, W. H., Braintree, Massachusetts, U.S.A. (See McKay Shoe-machinery Company, No. 12162.)				
Cullimore, F. W., Wellington, N.Z. Flat-iron for billiard-table ..	12765	6 July ..	65	19 July.*
Cusdin, T., and another, Armadale, Vic. Horse-shoe	12796	16 July ..	69	2 Aug.*
Cutler, T. E., and another, Addington, Canterbury, N.Z. Candle-shade and reflector	12769	7 July ..	..	..
Cutten, W. H., Dunedin, N.Z. Tailings-elevator	12219	5 Dec., 1899..	83	27 Sept.
Cutten, F. A., Dunedin, N.Z. Saving gold	12795	13 July ..	..	..
Dahl, C., Palmerston North, N.Z. Horse-cover	12500	3 April ..	73	16 Aug.
Dahl, C., Palmerston North, N.Z. Milk-strainer. (H. V. Christensen)	12873	16 Aug. ..	77	30 Aug.
Dall, W., Dunedin, N.Z. Candle-holder	12846	1 Aug. ..	73	16 Aug.*
Dally, C. Y., Apati, N.Z. Combination saw and bench	12850	27 Aug. ..	80	13 Sept.*
Davies, M., Coromandel, N.Z. Cutting wool or hair	12879	7 Sept. ..	80	13 Sept.*
Davis, I., Brookley, Kent, Eng. Heating and purifying feed-water..	12900	22 Aug. ..	77	30 Aug.
Day, J., Coleraine, Vic. Goods-elevator	12967	12 Sept. ..	83	27 Sept.*
De Bechi, G., London, Eng. (See the General Metal-reduction Company, Limited, Nos. 12830 and 12831.)				
De Cleene, L. S., Palmerston North, N.Z. Flooring-cramp	12918	27 Aug. ..	80	13 Sept.
Deegan, J. W., Winton, N.Z. Scoop	13014	26 Sept. ..	87	11 Oct.*
Dempster, J., Ashburton, N.Z. Acetylene-generator	12904	21 Aug. ..	..	..
Dineen, T. B., Auckland, N.Z. Fuel-economizer.. ..	12841	30 July ..	73	16 Aug.*
Diplock, B. J., Middlesex, Eng. Traction engine.. ..	12881	17 Aug. ..	77	30 Aug.
Dornbusch, A., Whangamomona, N.Z. Coupling.. ..	12814	18 Aug. ..	77	30 Aug.*
Droutledge, H., Auckland, N.Z. Ballot-box	13002	18 Sept. ..	83	27 Sept.
Droutledge, H., Auckland, N.Z. Electoral registering-machine ..	12941	30 Aug. ..	80	13 Sept.*
Dudson, W. S., Carterton, N.Z. Wool-press	12870	14 Aug. ..	77	30 Aug.*
Dudson, W. S., Carterton, N.Z. Wool-press	12986	14 Sept. ..	83	27 Sept.*
Duncan, P. and D., Limited, Christchurch, N.Z. Street-watering cart. (J. Keir)	12972	11 Sept. ..	83	27 Sept.*
Edwards, D., Melbourne, Vic. Target	12842	3 Aug. ..	73	16 Aug.*
Ellerm, F. S., Feilding, N.Z. Wire-netting fence.. ..	12885	17 Aug. ..	77	30 Aug.*
Ellis, J. A., Surrey Hills, Vic. Milk-aerator	12798	20 July ..	69	2 Aug.*
Ellis, P., Wellington, N.Z. Bearing and shaft for dredge-tumbler ..	12851	8 Aug. ..	83	27 Sept.
Eustace, J., and another, Dunedin, N.Z. Refuse-bin	12749	28 June ..	73	16 Aug.
Evans, J. E., Wellington, N.Z. Legging	12773	10 July ..	65	19 July.*
Ewing, J. J., and another, Wellington, N.Z. Window-sash fastener	12924	29 Aug. ..	65	19 July.*
Ey, G., Paddington, N.S.W. (See the Victor Motor Company, Limited, No. 12914.)			80	13 Sept.

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

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Faulkner, J. W., Dunedin, N.Z. Gold-saving screen	12961	6 Sept.	83	27 Sept.
Ferguson, J., Auckland, N.Z. Washing-fluid	12786	11 July	65	19 July.*
Ford, G. S. C., Wellington, N.Z. Glazing shirt-fronts	12946	3 Sept.	83	27 Sept.*
Foster, G., Heriot, N.Z. Gold-saving mat	12985	14 Sept.	83	27 Sept.*
Fowler, J. W., Whangarei Heads, N.Z. Detonator	12011	22 Sept., 1899..	65	19 July.
Fowler, J. W., Whangarei Heads, N.Z. Cleaning ship's bottom	12813	25 July	69	2 Aug.*
Fowler, T. C., and another, Canterbury Vic. Railway signalling	12868	13 Aug.	77	30 Aug.*
Fraser and Chalmers, Limited, London, Eng. Pump. (J. Stumpf)..	12760	5 July	65	19 July.
Fraser, J. C., Coromandel, N.Z. Saving gold, &c.	12135	30 Oct., 1899 ..	73	16 Aug.
Fry, W. R., Ashfield, N.S.W. Receptacle for containing tea. (S. R. Bellingham)	12934	31 Aug.	80	13 Sept.
Garard, G. E., Oamaru, N.Z. Tire	13007	21 Sept.	83	27 Sept.*
Gardner, O., and another, Piaka, N.Z. Flax-scraper	12852	8 Aug.	73	16 Aug.
Garnham, R., Wellington, N.Z. Valve for water-cistern	12755	3 July	65	19 July.*
Gates, E., Maryland, U.S.A. Separating granular substances	12897	22 Aug.	77	30 Aug.
Gates, E., Maryland, U.S.A. Separating granular substances	12898	22 Aug.	77	30 Aug.
Gates, E., Maryland, U.S.A. Separating granular substances	12900	22 Aug.	77	30 Aug.
General Metal Reduction Company, Limited, London, Eng. Treating ores. (G. de Bechi)	12830	2 Aug.	73	16 Aug.
General Metal Reduction Company, Limited, London, Eng. Production of zinc-oxide. (G. de Bechi)	12831	2 Aug.	73	16 Aug.
Germot, A., Paris, France. Treating lead-ores	12761	5 July	65	19 July.
Germot, A., Paris, France. (See E. Waters, jun., No. 12789.)				
Gibbins, A. H., and others, Bradford, Eng. Removing wool and hair from skins	11962	5 Sept., 1899	80	13 Sept.
Gibson, J. J., Oamaru, N.Z. Cycle-gear	13025	25 Sept.	87	11 Oct.*
Girdler, G. T., Auckland, N.Z. Generating electricity	12917	21 Aug.	80	13 Sept.*
Girdler, G. T., Auckland, N.Z. Generating electricity	12875	13 Aug.	77	30 Aug.*
Goddu, G., Winchester, U.S.A. (See United Shoe-machinery Company, No. 12947.)				
Godward, E. R., Invercargill, N.Z. Egg-beater	12241	15 Dec., 1899..	80	13 Sept.
Godward, E. R., Invercargill, N.Z. Tool for boring post-holes	12268	29 Dec., 1899 ..	83	27 Sept.*
Gordon, N. R., Melbourne, Vic. Aerial machine	12966	12 Sept.	83	27 Sept.*
Graham, F. L., Nareen, Vic. Penholder	12927	29 Aug.	80	13 Sept.
Green, G. H., Unley, S.A. Register and recorder for fares, &c. ..	12189	23 Nov., 1899..	83	27 Sept.
Grenier Art Company, New York, U.S.A. Coloured photographs. (P. M. C. Grenier)	12829	2 Aug.	73	16 Aug.
Grenier, P. M. C., New York, U.S.A. (See Grenier Art Company, No. 12829.)				
Griffiths, F. C., New Plymouth, N.Z. Chimney-top	12775	7 July	65	19 July.
Griffiths, W., Brunner, N.Z. Widening-drill for use in sinking bore-holes	12247	4 Dec., 1899 ..	80	13 Sept.
Griffiths, W. P., Bradford, Eng. Separating wool or hair from pelt	12835	2 Aug.	..	..
Guinness, E. F., and another, Greymouth, N.Z. Grab	12998	14 Sept.	83	27 Sept.*
Gulliver, H., and another, South Yarra, Vic. Railway signalling ..	12868	13 Aug.	77	30 Aug.*
Guthridge, A. H., and another, Melbourne, Vic. Fastening for leggings. (W. Taylor)	12913	23 Aug.	77	30 Aug.
Gye, C., and others, Mataura, N.Z. Envelope-opener	12960	7 Sept.*	..	..
Hadley, P. A., and another, Auckland, N.Z. Colour printing	13012	24 Sept.	..	..
Hair, J., Oamaru, N.Z. Breeching-staple and swingletree-end	12955	3 Sept.	80	13 Sept.*
Hall, B. R., Timaru, N.Z. Heating hair-curlers	12953	3 Sept.	80	13 Sept.*
Hall, A. P., Coraki, N.S.W. Pasteurising milk	12866	13 Aug.	77	30 Aug.
Hamilton, A., Winton, N.Z. Wire-strainer	13022	25 Sept.	87	11 Oct.
Hanks, M. W., and another, Pittsburg, U.S.A. Terminal connection and support for Nernst lamp	12910	23 Aug.	77	30 Aug.
Hanks, M. W., Pittsburg, U.S.A. Terminal for Nernst lamp glower	12906	23 Aug.	77	30 Aug.
Hanks, M. W., and others, Pittsburg, U.S.A. Starting apparatus and out-out for Nernst lamp	12909	23 Aug.	77	30 Aug.
Hanley, M., and others, Gore, N.Z. Gold-saving appliance	12739	27 June	65	19 July.*
Hanna, G. A., and another, Hartington, U.S.A. Liquid-weigher ..	12810	25 July	69	2 Aug.
Harrison, I., Wellington, N.Z. Bottle-labelling machine	12767	7 July	65	19 July.*
Harrison, W. H., Sydney, N.S.W. Saving gold and silver	12956	3 Sept.	83	27 Sept.*
Hart, F. B., Manchester, Eng. Rail-joint	12788	16 July	69	2 Aug.
Hausmann, A. T., and another, Masterton, N.Z. Bridle-bit	12809	24 July	69	2 Aug.*
Henderson, J., Pareora, N.Z. Mounting of horse-trees	12905	18 Aug.	80	13 Sept.*
Henrikson, J. H., Te Kopuru, N.Z. Obtaining oil from timber	12974	21 July	83	27 Sept.
Hewitt, P. C., New York, U.S.A. Electric lighting	12912	23 Aug.	77	30 Aug.
Hickson, W., and another, Wellington, N.Z. Drying varnished labels	12782	12 July	69	2 Aug.*
Hight, A. E., Brookside, N.Z. Cleaning watercourses	12863	11 Aug.	73	16 Aug.
Hill, E. R., Wilkinsburg, U.S.A. (See W. E. Hughes, No. 12395.)				
Hobson, E. F., Christchurch, N.Z. Envelope-opener	12845	2 Aug.	73	16 Aug.*
Hodgson, H., Opunake, N.Z. Milk aerator and cooler	12220	5 Dec., 1899 ..	83	27 Sept.
Hoffmann, B., Paris, France. (See E. Waters, jun., No. 12886.)				
Hogg, W. M., and another, Lawrence, N.Z. Dredge-shoot cleaner ..	12843	3 Aug.	..	..
Holt, B. M., Wellington, N.Z. Bunk-tray	12889	20 Aug.	77	30 Aug.*
Hosking, A., and another, Palmerston North, N.Z. Packing-case ..	12869	13 Aug.	77	30 Aug.*
Hughes, W. E., Wellington, N.Z. Electric lighting of vehicles. (E. R. Hill)	12395	16 Feb.	77	30 Aug.*
Hughes, W. E., Wellington, N.Z. Electric brake (E. M. Tingley)	12396	16 Feb.	80	13 Sept.
Hughes, W. E., Wellington, N.Z. Cork-extractor. (One-hand Cork-puller Company, Limited—H. H. Beaumont, J. Callahan, and M. Kaysen)	12996	20 Sept.	83	27 Sept.*
Hulme, A. I., Richmond, Canterbury, N.Z. Copper	12971	11 Sept.	83	27 Sept.*
Hunter, W. E., Maungakarama, N.Z. Catch for window-sash	12855	10 Aug.	77	30 Aug.*

ALPHABETICAL LIST OF APPLICANTS FOR LETTERS PATENT—continued.

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
International Chemical Company, The, New Jersey, U.S.A. Manufacture of silicides. (C. B. Jacobs)	13017	27 Sept. ..	87	11 Oct.
International Postal Supply Company of New York, New York, U.S.A. Mail-marking machine. (F. G. Jahn)	13016	27 Sept. ..	87	11 Oct.
Jackman, M. L., Auckland, N.Z. Clip for ladies' belts	12208	28 Nov., 1899 ..	80	13 Sept.
Jackson, A. B., Tuparoa, N.Z. Spur-fastener	12258	22 Dec., 1899 ..	80	13 Sept.
Jacobs, C. B., New Jersey, U.S.A. (See the International Chemical Company, No. 13017.)				
Jahn, F. G., New York, U.S.A. (See The International Postal Supply Company of New York, No. 13016.)				
James, T., sen., Pahiatua, N.Z. Raising and lowering window-sashes	12783	13 July ..	73	16 Aug.*
Johnson, E., and others, Bradford, Eng. Removing wool and hair from skins	11962	5 Sept., 1899 ..	80	13 Sept.
Johnson, J. T., Waipori, N.Z. Dredge	13026	6 Aug. ..	87	11 Oct.
Johnson, S. L., and others, Bradford, Eng. Removing wool and hair from skins	11962	5 Sept., 1899 ..	80	13 Sept.
Johnson, W. B., Liverpool, Eng. Ventilator	12792	16 July ..	69	2 Aug.
Jones, F., Wellington, N.Z. Cycle-tire cover	12854	8 Aug. ..	73	16 Aug.*
Jones, H. J., and another, Stratford, N.Z. Motorpictoscope ..	12920	21 Sept. ..	83	27 Sept.*
Jones, J. Buckland, Auckland, N.Z. Hanging gates	12940	1 Sept. ..	80	13 Sept.*
Joyce, J. J., and another, Sydney, N.S.W. Colour-printing ..	13012	24 Sept. ..	..	..
Kaysen, M., and others, Milwaukee, U.S.A. (See W. E. Hughes, No. 12396.)				
Kee, D. C., Hilton, Canterbury, N.Z. Kerosene-tin bucket-frame ..	12771	7 July ..	65	19 July.
Keir, J., Christchurch, N.Z. (See P. and D. Duncan, Limited, No. 12972.)				
Kerr, J., jun., and another, Greymouth, N.Z. Dredging-scoops ..	12942	28 Aug. ..	80	13 Sept.*
Kerry, R. A. C., Onehunga, N.Z. Clothes-washer	12759	2 July ..	65	19 July.*
Kielberg, C. J., Hillerød, Denmark. Making articles from cement-mortar, clay, &c.	12793	16 July ..	69	2 Aug.
King, J., Invercargill, N.Z. Spark-arrester	12206	28 Nov., 1899 ..	65	19 July.
Kingsland, W., London, Eng. Controlling electric switch ..	12836	2 Aug. ..	73	16 Aug.
Kirby, P. H., Fitzroy, Vic. Boot-sole	12807	23 July ..	69	2 Aug.*
Kirkpatrick-Picard, H. F., London, Eng. Treating sulphide ores ..	12933	31 Aug. ..	80	13 Sept.*
Kissell, W. J., Westport, N.Z. Closing openings of corrugated roofing	13023	26 Sept. ..	91	25 Oct.
Knocks, A. J., Otaki, N.Z. Medicine for horses, &c.	12776	11 July ..	65	19 July.*
Knowles, A. J., Brantford, Canada. Controlling-apparatus for oil- or spirit-engine	12781	12 July ..	69	2 Aug.
Kunzelmann, C., Sackingen, Baden, Germany. Safety lock ..	12510	7 April ..	65	19 July.
Laak, Van. (See under V.)				
Ladd, S. W., Beverley, U.S.A. (See United Shoe-machinery Company, No. 12791.)				
Lamme, B. G., Pittsburg, U.S.A. (See J. P. Campbell, No. 12397.)				
Lamme, B. G., Pittsburg, U.S.A. (See the British Westinghouse Electric and Manufacturing Company, Limited, Nos. 12444, 12448, 12969, and 12977.)				
Land, W. A., Styx, N.Z. Manure-and-seed sower	12822	28 July ..	69	2 Aug.*
Lange, H., Vesterås, Sweden. Soldering of aluminium	12995	20 Sept. ..	83	27 Sept.
Latham, A., and others, Gore, N.Z. Gold-saving appliance ..	12739	27 June ..	65	19 July.*
Laurie, W. S., and others, Auckland, N.Z. Manufacture of brooms from New Zealand flax	13030	27 Sept. ..	87	11 Oct.*
Lavery, A., Waipukurau, N.Z. Staple-extractor	12928	28 Aug. ..	80	13 Sept.*
Lawler, G., Auckland, N.Z. Bootmaking-tool	12951	5 Sept. ..	80	13 Sept.*
Lawson, C., St. Kilda, Vic. Lamp. (T. Bowman)	12867	13 Aug. ..	80	13 Sept.*
Leach, W., and others, Bradford, Eng. Recovering grease from the wash-liquors from wool	12762	5 July ..	65	19 July.
Leech, G., Nelson, N.Z. Saving gold	12747	28 June ..	65	19 July.*
Legge, C., Wellington, N.Z. Cigarette-case	12077	13 Oct., 1899 ..	77	30 Aug.
Lewis, W. E., Auckland, N.Z. Lid for jugs, &c.	12839	2 Aug. ..	73	16 Aug.*
Linotype Company, Limited, London, Eng. (See E. Waters, jun., Nos. 12141 and 12142.)				
Lisle, W., Sydenham, Canterbury, N.Z. Cart-jack	13013	24 Sept. ..	87	11 Oct.*
Lissau, S. M., Philadelphia, U.S.A. Concentrating ores	12882	17 Aug. ..	77	30 Aug.
Look, L., Los Angeles, U.S.A. (See E. Phillips, No. 13020.)				
Louisson, J., and another, Palmerston N., N.Z. Packing-case ..	12869	13 Aug. ..	77	30 Aug.*
Lucas, F., and another, Christchurch, N.Z. Sanitary receptacle ..	12987	13 Sept. ..	83	27 Sept.*
Lucas, G. N., and another, Christchurch, N.Z. Sanitary receptacle	12987	13 Sept. ..	83	27 Sept.*
Mack, J. B., Wellington, N.Z. Food for calves	12984	14 Sept. ..	83	27 Sept.*
Mackay, D. W., Mataura, N.Z. Planing-machine	12887	17 Aug. ..	77	30 Aug.*
Mackenzie, G. H., Dunedin, N.Z. Spark-arrester	12794	12 July ..	..	..
MacLean, W. J., Te Aroha, N.Z. Advertising on candles	12301	18 Sept.* ..	..	..
Marchbank, J., and others, Broadford, Vic. Boot-sole	12944	3 Sept. ..	80	13 Sept.
Marshall, H., Port Melbourne, Vic. Boot-sewing machine ..	12964	11 Sept. ..	83	27 Sept.
Maxwell, E., Opunake, N.Z. Preventing sand accumulating in harbours	11956	4 Sept., 1899 ..	59	5 July.
Mazey, G. A., Christchurch, N.Z. Latch	12800	19 July ..	69	2 Aug.*
McCulloch, T., and another, Sydney, N.S.W. Ventilating-cowl ..	12915	23 Aug. ..	77	30 Aug.
McElligott, J., Kawarau Gorge, Otago, N.Z. Saving gold ..	12806	23 July ..	83	27 Sept.

ALPHABETICAL LIST OF APPLICANTS FOR LETTERS PATENT—continued.

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
McFeely, R. F., Beverly, U.S.A. (See United Shoe-machinery Company, No. 12790.)				
McGregor, E., Mangaonoho, N.Z. Dredging-machinery	11898	16 Aug., 1899 ..	73	16 Aug.
McGregor, E., Mangaonoho, N.Z. Dredging and transporting earth	12923	29 Aug. ..	80	13 Sept.*
McInnes, J., Kaurihohore, N.Z. Dressing flax	12329	23 Jan. ..	73	16 Aug.
McKay Shoe-machinery Company, Portland, U.S.A. Jack for nailing-machine. (W. H. Cuff)	12162	10 Nov., 1899 ..	65	19 July.
McKeegan, W., Wellington, N.Z. Dredge	12675	12 June ..	83	27 Sept.
McPhee, J. H. A., Dunedin, N.Z. Gold-saving apparatus	12623	15 May ..	83	27 Sept.
Mead, J., sen., Auckland, N.Z. Show-case bracket	12931	28 Aug. ..	80	13 Sept.*
Mendham, C. F., London, Eng. Closing sheet-metal boxes ..	13010	24 Sept. ..	87	11 Oct.
Mergenthaler, O., Maryland, U.S.A. (See E. Waters, jun., Nos. 12141 and 12142.)				
Mershon, R. D., New York, U.S.A. (See the British Westinghouse Electric and Manufacturing Company, Limited, No. 12926.)				
Metzger, V., Bluff, N.Z. Gate-hinge	12999	18 Sept. ..	83	27 Sept.
Meyer, H. P., and others, Dannevirke, N.Z. Grass-seed-dressing apparatus	12797	19 July ..	69	2 Aug.
Miller, J., Arrowtown, N.Z. Stoker for steam-boiler	12777	7 July ..	80	13 Sept.
Miller, J. E., Pennsylvania, U.S.A. (See the British Westinghouse Electric and Manufacturing Company, Limited, No. 13021.)				
Mitchell, J. W., and another, Mosgiel, N.Z. Branding carcasses ..	12402	19 Feb. ..	59	5 July.
Moate, J. T., Adelaide, S.A. Book-leaves	12880	17 Aug. ..	77	30 Aug.
Morgan, J., and another, Greymouth, N.Z. Dredging-scoops ..	12942	28 Aug. ..	80	13 Sept.*
Morgan, J., and another, Greymouth, N.Z. Grab	12998	14 Sept. ..	88	27 Sept.*
Morgan, W. R., Wanganui, N.Z. Staple-drawer	12823	26 July ..	69	2 Aug.*
Morice, W., Gisborne, N.Z. Buckle for harness	12802	19 July ..	69	2 Aug.*
Morton, J. S., Oakland, California, U.S.A. Pump	12849	4 Aug. ..	73	16 Aug.
Mouat, M., Dunedin, N.Z. Game	12988	14 Sept. ..	83	27 Sept.*
Murrell, E., Cromwell, N.Z. Saving gold	12817	27 July ..	..	..
Nable, D., Redfern, N.S.W. (See Ross and Glendining, Limited, No. 12848.)				
Neave, J. S., and others, Gore, N.Z. Gold-saving appliance	12739	27 June ..	65	19 July.*
Newall, J. W., Ongar, Essex, Eng. Cutting hair and wool	12896	22 Aug. ..	77	30 Aug.
Nielsen, L. C., Fredriksberg, Denmark. Oil-lamp burner	12753	2 July ..	65	19 July.
Noble, J., and others, Broadford, Vic. Boot-sole	12944	3 Sept. ..	80	13 Sept.
Northey, J., Thames, N.Z. Washing-paste	12954	3 Sept. ..	80	13 Sept.*
Nuttall, T., and others, Dannevirke, N.Z. Seed-dressing machine ..	12797	19 July ..	69	2 Aug.
Nuttall, W., and others, Dannevirke, N.Z. Seed-dressing machine	12797	19 July ..	69	2 Aug.
Oakley, H., and another, Christchurch, N.Z. Water-closet-flushing cistern	12234	12 Dec., 1899..	83	27 Sept.
Ogden, S., Rangiora, N.Z. Securing window-sashes	12890	17 Aug. ..	83	27 Sept.
Olund, E., and another, St. Louis, U.S.A. (See G. G. Turri, No. 12780.)				
One-hand Cork-puller Company, Limited, Liverpool, Eng. (See W. E. Hughes, No. 12996.)				
Orr, J., and another, Sydney, N.S.W. Ventilating-cowl	12915	23 Aug. ..	77	30 Aug.
Osborne, J., Doyleston, Canterbury, N.Z. Sinking artesian wells ..	12704	19 June ..	65	19 July.
Over, W., Auckland, N.Z. Piano-escapement	12820	26 July ..	69	2 Aug.*
Owen, E., and others, Auckland, N.Z. Yard-sink and outdoor drain	12774	11 July ..	69	2 Aug.*
Page, W. C., Eltham, N.Z. Axle-box fastening	12824	31 July ..	73	16 Aug.*
Painter, W., Hinds, Canterbury, N.Z. Skeith-regulating attach- ment to plough	13024	27 Sept. ..	87	11 Oct.*
Palmer, P., Dunedin, N.Z. Appliance for cutting pockets	12819	27 July ..	77	30 Aug.
Palmer, W. L., and another, Wellington, N.Z. Drying varnished labels	12782	12 July ..	69	2 Aug.*
Paltridge, C. C., Malvern, S.A. Treating paper for press copies ..	12048	4 Oct., 1899 ..	65	19 July.
Parsons, R. C. (See the British Westinghouse Electric and Manu- facturing Company, Limited, No. 12884.)				
Pasco, A., and another, Invercargill, N.Z. Rabbit-trap fastener ..	12756	3 July ..	65	19 July.*
Patterson, R. L., and others, New York, U.S.A. (See the American Cigar-machinery Company, No. 12763.)				
Pearse, T. H., Boston, U.S.A. Cotton-gin and wool-burrer. (M. Prior)	12825	31 July ..	73	16 Aug.
Peat, O., Parnell, Auckland, N.Z. Chair	13031	27 Sept. ..	87	11 Oct.*
Penney, G. W., Gore, N.Z. Turnip shaver and lifter	12856	9 Aug. ..	77	30 Aug.
Perkins, T. S., Idlewood, U.S.A. (See the British Westinghouse Electric and Manufacturing Company, Limited, No. 12557.)				
Perrott, J., Gardiner, Vic. Cash-registering machine	12779	12 July ..	69	2 Aug.
Perry, W. E., Hokitika, N.Z. Rooking-horse	12785	11 July ..	65	19 July.*
Petersen, A., Copenhagen, Denmark. Lock	12865	13 Aug. ..	77	30 Aug.
Phillips, E., Melbourne, Vic. Ore-concentrator. (L. Look)	13020	28 Sept. ..	87	11 Oct.*
Picard, Kirkpatrick. (See under K.)				
Pinches, W., Wanganui, N.Z. Candlestick	12983	13 Sept. ..	83	27 Sept.*
Potter, H. N., Pittsburg, U.S.A. Ballast-resistance and cut-out for Nernst lamp	12907	23 Aug. ..	77	30 Aug.
Potter, H. N., and others, Pittsburg, U.S.A. Starting-apparatus and cut-out for Nernst lamp	12909	23 Aug. ..	77	30 Aug.
Potter, H. N., and others, Pittsburg, U.S.A. Nernst lamp	12911	23 Aug. ..	77	30 Aug.
Price, J. V., and others, Christchurch, N.Z. Production of overlays in illustration-printing	12821	28 July ..	69	2 Aug.*
Prior, M., Watertown, U.S.A. (See T. H. Pearse, No. 12825.)				
Pyke, H. A., Whangarei, N.Z. Sand-soap powder	12853	8 Aug. ..	..	..
Quaife, F. W., Halswell, Canterbury, N.Z. Hermetically sealing perishable substances	12980	13 Sept. ..	83	27 Sept.*

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

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Rabidge, P., Sydney, N.S.W. Magneto-telephone	12957	3 Sept.	83	27 Sept.*
Ranger, H. J., Christchurch, N.Z. Road-cleaning machine	12801	21 July	69	2 Aug.
Ranish, H., Wellington, N.Z. Billiard-cushion	12812	25 July	69	2 Aug.
Ransom, E. A., Dannevirke, N.Z. Horse-cover fastener	12748	30 June	69	2 Aug.
Rapson, J., and another, Kakanui, N.Z. Wire-strainer	12787	14 July	..	..
Rapson, J., and another, Kakanui, N.Z. Wire-strainer	12787	14 July	..	..
Reisler, H., Auckland, N.Z. Clothes-peg	12939	29 Aug.	80	18 Sept.*
Renner, G., and another, Kaikoura, N.Z. Branding wool-bales	12287	8 Jan.	69	2 Aug.
Rice, J. W., and another, Armadale, Vic. Horse-shoe	12796	16 July	69	2 Aug.*
Richardson, E., Moonee Ponds, Vic. Spark-extinguisher	12930	30 Aug.	80	18 Sept.*
Richardson, G. J. A., Invercargill, N.Z. Caster	12857	6 Aug.	73	16 Aug.*
Richardson, G. J. A., Invercargill, N.Z. Caster	12860	8 Aug.	80	18 Sept.
Richardson, G. J. A., Invercargill, N.Z. Caster	12973	6 Sept.	83	27 Sept.*
Riley, J. C., and another, Dannevirke, N.Z. Stump-jack	12858	10 Aug.*	..	..
Ritchie, E. J., Christchurch, N.Z. Cigarette	12766	5 July.*	..	..
Ritchie, G. T., Sydney, N.S.W. Destructor	12952	5 Sept.	80	18 Sept.
Robertson, J. W., Cromwell, N.Z. Pump	12770	7 July	65	19 July.*
Ross and Glendining, Limited, Dunedin, N.Z. Coat-adjustment. (D. Nable)	12848	4 Aug.	77	30 Aug.
Roth, J. J., Sydney, N.S.W. Soap-block and advertising-tablet	12177	15 Nov., 1899 ..	69	2 Aug.
Rugg, D., Auckland, N.Z. Spectacle-attachments	12878	13 Aug.	77	30 Aug.*
Rugg, D., Auckland, N.Z. Crutch for invalid	12958	3 Sept.	83	27 Sept.*
Russell, H. S., London, Eng. Lining casks, &c.	12925	29 Aug.	..	..
Rust, A. M., Whangarei Heads, N.Z. Controlling marine engines	12067	6 Oct., 1899 ..	65	19 July.
Schütze, G., Melbourne, Vic. Travelling rug or bed	12945	3 Sept.	80	18 Sept.*
Seitz, E., Melbourne, Vic. Centrifugal pump	12994	20 Sept.	83	27 Sept.
Shaw, H., and another, Wellington, N.Z. Window-sash fastener	12924	29 Aug.	80	18 Sept.
Smallbone, E., Nelson, N.Z. Horse-cover	12741	29 June	69	2 Aug.
Smith and Sons, Limited, J., and another, Bradford, Eng. Recovering grease from the wash-liquors from wool	12762	5 July	65	19 July.
Smyth, J. J., Suffolk, Eng. Manure-distributing machine	12805	21 July	69	2 Aug.
Smythe, J., and another, Christchurch, N.Z. Gold-saving apparatus	13005	22 Sept.	83	27 Sept.*
Spear, F. N., Los Angeles, U.S.A. Fuel-feeder	12799	20 July	69	2 Aug.
Spiritine, Limited, Westminster, Eng. (See E. Waters, jun., No. 12886.)	..	..	..	..
Storer, N. W., Allegheny, U.S.A. (See the British Westinghouse Electric and Manufacturing Company, Limited, No. 12902.)	..	..	..	..
Story, J. W., and another, Melbourne, Vic. Rabbit-crate	12334	23 Jan.	83	27 Sept.
Strawbridge, H., Waihakeke, N.Z. Blight-exterminator	12075	12 Oct., 1899 ..	65	19 July.
Stumpf, J., Berlin, Germany. (See Fraser and Chalmers, Limited, No. 12760.)	..	..	..	..
Sutherland, P. R., and another, Ballarat, Vic. Safety device for mining-cage. (H. Turner)	12840	2 Aug.	73	16 Aug.*
Swanson, T. A., and another, Harlington, U.S.A. Liquid-weigher	12810	25 July	69	2 Aug.
Tandy, C., Wellington, N.Z. Horse shoe	12180	16 Nov., 1899 ..	77	30 Aug.
Taucher, J., Lower Hutt, N.Z. Leg-holder for cows	12959	7 Sept.	83	27 Sept.*
Taylor, F. C., New York, U.S.A. Colour-printing process	12818	27 July	69	2 Aug.*
Taylor, J. M., and another, Christchurch, N.Z. Water-closet-flushing cistern	12234	12 Dec., 1899 ..	83	27 Sept.
Taylor, W., Ballarat, Vic. (See W. P. Bice and A. H. Guthridge, No. 12913.)	..	..	..	..
Taylor, W., and another, Invercargill, N.Z. Rabbit-trap fastener	12756	3 July	65	19 July.*
Taylor, W. O., Princeton, Canada. Rotary engine. (E. B. Tree)	12948	4 Sept.	80	18 Sept.
Thomas, J., and another, Sydney, N.S.W. Computing-machine	12871	14 Aug.	77	30 Aug.
Thomas, V., Paris, France. Filament for electric incandescence lamp	12768	6 July	65	19 July.
Thomson, J., Invercargill, N.Z. Saving gold	12816	23 July	69	2 Aug.*
Thurlow, W., Kaipoi, N.Z. Joining backs of boot-uppers	12965	8 Sept.	83	27 Sept.*
Tindill, A., Blenheim, N.Z. Heel-pad. (G. Wood)	12894	20 Aug.	77	30 Aug.*
Tingley, E. M., Pittsburg, U.S.A. (See W. E. Hughes, No. 12396.)	..	..	..	..
Todd, W., Sydney, N.S.W. Sheep-dip powder	12460	16 March	59	5 July.
Topliss, C., Addington, N.Z. Butter-working machine	12893	17 Aug.	77	30 Aug.*
Townsend, G. A. P., Masterton, N.Z. Legging	12778	12 July	65	19 July.*
Trefle, C. B., Temora, N.S.W. Equaliser for yoking horses	12667	8 June	65	19 July.
Tree, E. B., Woodstock, Canada. (See W. O. Taylor, No. 12948.)	..	..	..	..
Trebath, W., and others, Gore, N.Z. Gold-saving appliance	12739	27 June	65	19 July.*
Treweek, F., Whenuakura, N.Z. Rat-trap	13011	24 Sept.	87	11 Oct.
Tripe, J. D., Wanganui, N.Z. Window-sash fastener	12764	2 July	65	19 July.*
Trotter, C. A., Opunake, N.Z. Cramp	12916	23 Aug.	77	30 Aug.*
Tuck, G. E. T., Auckland, N.Z. Hoisting-gear	12874	16 Aug.	77	30 Aug.*
Tucker, F. H., Invercargill, N.Z. Brush for wetting paper	12784	9 July	65	19 July.*
Turner, H., Blackwood, Vic. (See J. B. Cameron and P. R. Suther- land, No. 12840.)	..	..	..	..
Turri, G. G., Melbourne, Vic. Flexible-rim wheel. (E. Olund and P. J. Caesar)	12780	12 July	69	2 Aug.
Tyberg, O., and others, New York, U.S.A. (See the American Cigar- machinery Company, No. 12763.)	..	..	..	..
Tyree, W., Sydney, N.S.W. Acetylene-generator	13008	24 Sept.	83	27 Sept.*
Tyres, W., Sydney, N.S.W. Acetylene lamp	13009	24 Sept.	83	27 Sept.*
Tyrell, J., jun., and another, Queenstown, N.Z. Spark-extinguisher	12859	7 Aug.	73	16 Aug.*
United Shoe-machinery Company, Paterson, U.S.A. Pulling-over machine. (R. F. McFeely)	12790	17 July*	..	..
United Shoe-machinery Company, Paterson, U.S.A. Lasting- machine. (S. W. Ladd)	12791	17 July	69	2 Aug.

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

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
United Shoe-machinery Company, Paterson, U.S.A. Boot and fastening. (L. A. Casgrain)	12837	2 Aug. ..	73	16 Aug.
United Shoe-machinery Company, Paterson, U.S.A. Machine for forming screw-threaded wire. (G. Goddu)	12947	4 Sept. ..	80	13 Sept.
Van Laak, L., and others, San Francisco, U.S.A. Manufacture of brooms from New Zealand flax	13030	27 Sept. ..	87	11 Oct.*
Victor Motor Company, Limited, Sydney, N.S.W. Igniter for gas-engine. (G. Ey)	12914	23 Aug. ..	77	30 Aug.
Vine, H. G., Wanganui, N.Z. Cash-book	12962	7 Sept. ..	..	..
Voelker, W. L., London, Eng. Incandescing electric lamp ..	12832	2 Aug. ..	73	16 Aug.
Voelker, W. L., London, Eng. Incandescing electric lamp filament	12833	2 Aug. ..	73	16 Aug.
Voelker, W. L., London, Eng. Incandescing electric lamp filament	12922	29 Aug. ..	80	13 Sept.
Walker, H. R., New Brighton, N.Z. Operating semaphores ..	12862	11 Aug. ..	73	16 Aug.*
Walker, H. R., New Brighton, N.Z. Coupling-gear	12975	12 Sept. ..	83	27 Sept.*
Walker, H. R., New Brighton, N.Z. Spark-arrester	12976	12 Sept. ..	83	27 Sept.*
Walker, J. H., Charters Towers, Queensland. Syringe ..	12838	2 Aug. ..	73	16 Aug.
Ward, C. H., Melbourne, Vic. Treating ores	12901	22 Aug. ..	77	30 Aug.*
Waters, E., jun., Melbourne, Vic. Treating sulphides. (A. Germot)	12789	16 July ..	65	19 July.*
Waters, E., jun., Melbourne, Vic. Fuel for spirit-stove. (Spiratine, Limited—B. Hoffman)	12886	17 Aug. ..	77	30 Aug.
Waters, E., jun., Melbourne, Vic. Linotype-machine. (Linotype Company, Limited—O. Mergenthaler)	12141	4 Nov., 1899 ..	80	13 Sept.
Waters, E., jun., Melbourne, Vic. Linotype-machine. (Linotype Company, Limited—O. Mergenthaler)	12142	4 Nov., 1899 ..	80	13 Sept.
Watkins, J. E., Tinwald, Canterbury, N.Z. Crane and friction-hoist for traction engine	12888	18 Aug. ..	77	30 Aug.*
Watson, G. A., Invercargill, N.Z. Tin-opener	12921	24 Aug. ..	80	13 Sept.
Watson, G. A., Invercargill, N.Z. Securing taps, &c., to tins ..	12943	30 Aug. ..	..	..
Watson, J., Christchurch, N.Z. Ventilating ridge-capping ..	12929	28 Aug. ..	83	27 Sept.
Wearn, J. S., and another, Addington, Canterbury, N.Z. Candle-shade and reflector	12769	7 July ..	..	..
Weir, G., Adelaide, S.A. Ore-dressing machine	12935	31 Aug. ..	83	27 Sept.
Welsby, J., and another, Wellington, N.Z. Lead-heading nails ..	12811	25 July ..	69	2 Aug.*
Welsby, J., and another, Wellington, N.Z. Water-closet siphon ..	13015	27 Sept. ..	..	11 Oct.*
Wesley, C., Greymouth, N.Z. Preventing wearing of dredge-buckets	12991	17 Sept. ..	83	27 Sept.*
Wesley, J. A. B., Gawler, S.A. Concentrating-table	12993	20 Sept. ..	83	27 Sept.*
Wheeler, C. L., Christchurch, N.Z. Reducing wheat to flour ..	12844	2 Aug. ..	73	16 Aug.*
White, C. P., Morvi, Bombay, India. Coupling-gear	12815	26 July ..	69	2 Aug.
Whiting, A. E., Hexham, Vic. Leg-rope for cows	12978	14 Sept. ..	83	27 Sept.
Wildbore, C. E., and another, Pohangina, N.Z. Device for feeding pigs with liquid food	12826	1 Aug. ..	73	16 Aug.*
Wildbore, F. L., Taonui, N.Z. Locking bicycles	12750	2 July ..	65	19 July.*
Wildbore, F. L., and another, Pohangina, N.Z. Device for feeding pigs with liquid food	12826	1 Aug. ..	73	16 Aug.*
Williams, A., Wellington, N.Z. Means for preventing horses from bolting	12992	18 Sept. ..	83	27 Sept.
Wilson, H. A., Sydney, N.S.W. Wire-strainer	12743	29 June ..	73	16 Aug.
Wilson, R. A., Bull's, N.Z. Grass-seed-cleaning machine ..	12332	23 Jan. ..	80	13 Sept.
Wilson, R. D., Christchurch, N.Z. Fowl-feeder	12753	3 July ..	65	19 July.*
Wise, R., Waikouaiti, N.Z. Wire-strainer	12847	7 Sept. ..	83	27 Sept.*
Wood, F. P., Auckland, N.Z. Tire	12876	13 Aug. ..	80	13 Sept.*
Wood, F. P., Auckland, N.Z. Shield for tire	12877	13 Aug. ..	80	13 Sept.*
Wood, G., Burnley, Eng. (See A. Tindill, No. 12894.)				
Woodbury, G. E., San Francisco, U.S.A. Ore-concentrating machine	12772	9 July ..	65	19 July.
Woods, P., Kawakawa, N.Z. Convertible saddle	12981	13 Sept. ..	83	27 Sept.
Wright, J., and another, Mosgiel, N.Z. Branding carcasses ..	12402	19 Feb. ..	59	5 July.
Wurts, A. J., Pittsburg, U.S.A. (See the British Westinghouse Electric and Manufacturing Company, Limited, No. 12560.)				
Wurts, A. J., Pittsburg, U.S.A. System of lighting by Nernst lamp	12908	23 Aug. ..	77	30 Aug.
Wurts, A. J., and others, Pittsburg, U.S.A. Starting-apparatus and out-out for Nernst lamp	12909	23 Aug. ..	77	30 Aug.
Wurts, A. J., and another, Pittsburg, U.S.A. Terminal connection and support for Nernst lamp	12910	23 Aug. ..	77	30 Aug.
Wurts, A. J., and others, Pittsburg, U.S.A. Nernst lamp	12911	23 Aug. ..	77	30 Aug.
Yager, A., Sydney, N.S.W. Whippetree	12883	17 Aug. ..	77	30 Aug.
Young, C. L., Philadelphia, U.S.A. (See the British Westinghouse Electric and Manufacturing Company, Limited, Nos. 12903 and 13018.)				
Young, P., and another, Lawrence, N.Z. Dredge-shoot cleaner ..	12843	3 Aug. ..	..	..
Young, P. K., and others, Mataura, N.Z. Envelope-opener ..	12960	7 Sept.* ..	..	..
Ziele, H. L., Christchurch, N.Z. Frame and clip bracket	12997	18 Sept. ..	83	27 Sept.*

Alphabetical List of Inventions for Quarter ending 30th September, 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.

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Acetylene-generator	C. J. Cooze	12377	12 Feb. ..	65	19 July.
Acetylene-generator	W. Tyree	13008	24 Sept. ..	83	27 Sept.*
Acetylene-lamp	W. Tyree	13009	24 Sept. ..	83	27 Sept.*
Advertising-bracket	H. L. Ziele	12997	18 Sept. ..	83	87 Sept.*
Advertising-candle	W. J. MacLean	13001	18 Sept. ..	..	..
Advertising-envelope	R. F. Hobson	12845	2 Aug. ..	73	16 Aug.*
Advertising soap-block	J. J. Reth	12177	15 Nov., 1899	69	2 Aug.
Aerator. (See Milk-aerator.)					
Aerial machine	N. R. Gordon	12966	12 Sept. ..	83	27 Sept.*
Alluvial deposits, Recovering gold from ..	J. C. Fraser	12135	30 Oct., 1899	73	16 Aug.
Aluminium, Soldering	H. Laage	12995	20 Sept. ..	83	27 Sept.
Angle-stud for securing scrim to walls ..	E. Bartley	12094	13 Oct., 1899	65	19 July.
Arrester. (See Spark-arrester, Lightning-arrester.)					
Artesian-wells, Sinking	J. Osborne	12704	19 June ..	65	19 July.
Axle-box fastening	W. C. Page	12824	31 July ..	73	16 Aug.*
Ball cock	W. Andrews	12757	3 July ..	65	19 July.
Ballot-box	H. Droutledge	13002	18 Sept. ..	83	27 Sept.
Battery, Gold-saving	E. K. Cooper	12963	8 Sept. ..	83	27 Sept.
Beater. (See Egg-beater.)					
Bed	G. Schütze	12945	3 Sept. ..	80	13 Sept.*
Belt-clip, Ladies'	M. L. Jackman	12208	28 Nov., 1899	80	13 Sept.
Bench and saw combination	C. Y. Dally	12850	27 Aug. ..	80	13 Sept.*
Bicycle-locking device	F. L. Wildbore	12750	2 July ..	65	19 July.*
Billiard-cushion	H. Ranish	12812	25 July ..	69	2 Aug.
Billiard-table flat-iron	F. W. Cullimore	12765	6 July ..	65	19 July.*
Bin. (See Refuse-bin.)					
Bit. (See Bridle-bit.)					
Blight-extermiator	H. Strawbridge	12075	12 Oct., 1899	65	19 July.
Boiler. (See Washing-boiler.)					
Bolting of horses, Preventing	A. Williams	12992	18 Sept. ..	83	27 Sept.
Book. (See Cash-book.)					
Book-leaf	J. T. Moate	12880	17 Aug. ..	77	30 Aug.
Boot and fastening	United Shoe-machinery Company	12837	2 Aug. ..	73	16 Aug.
Boot and shoe sewing-machine	H. Marshall	12964	11 Sept. ..	83	27 Sept.
Bootmakers' tool	G. Lawler	12951	5 Sept. ..	80	13 Sept.*
Boot pulling-over machine	United Shoe-machinery Company	12790	17 July* ..	..	..
Boot-soles	P. H. Kirby	12807	23 July ..	69	2 Aug.*
Boot-sole plate	N. Bidstrup, J. Marchbank, and J. Noble	12944	3 Sept. ..	80	13 Sept.
Boot-uppers, Joining backs of	W. Thurlow	12965	8 Sept. ..	83	27 Sept.*
Bore-hole drill	W. Griffiths	12247	4 Dec., 1899	80	13 Sept.
Boring-tool hoisting-gear	G. E. T. Tuck	12874	16 Aug. ..	77	30 Aug.*
Boring-tool, Post-hole	E. R. Godward	12268	29 Dec., 1899	83	27 Sept.
Bottle-labelling apparatus	I. Harrison	12767	7 July ..	65	19 July.*
Box. (See Axle-box, Ballot-box, Fare-box, Metal box.)					
Bracket	H. L. Ziele	12997	18 Sept. ..	83	27 Sept.*
Bracket	J. Mead, sen.	12931	28 Aug. ..	80	13 Sept.*
Bracket-fastener	G. Allen	12636	23 May ..	69	2 Aug.
Bracket. (See Spouting-bracket.)					
Brake. (See Electric brake.)					
Branding	J. Wright and J. W. Mitchell	12402	19 Feb. ..	59	5 July.
Branding-appliance	G. Renner and W. H. Boyens	12287	8 Jan. ..	69	2 Aug.
Breeching-staple and swingletree-end ..	J. Hair	12955	3 Sept. ..	80	13 Sept.*
Bridle-bit	T. B. Crump and A. T. Hausmann	12809	24 July ..	69	2 Aug.*
Brush	F. H. Tucker	12784	9 July ..	65	19 July.*
Brushes, Manufacturing, from flax	L. Van Laak, H. Craig, and W. S. Laurie	13030	27 Sept. ..	87	11 Oct.*
Bucket. (See Dredge-bucket.)					
Bucket-frame	D. C. Kee	12771	7 July ..	65	19 July.
Buckle	W. Morice	12802	19 July ..	69	2 Aug.*
Buffer. (See Railway-buffer.)					
Bunk-tray	B. M. Holt	12889	20 Aug. ..	77	30 Aug.*
Burner, Lamp	H. S. Cuijman	12572	2 July ..	65	19 July.
Burner	L. C. Nielsen	12753	2 July ..	65	19 July.
Burrer. (See Wool-burrer.)					
Butter-working machine	C. Topliss	12893	17 Aug. ..	77	30 Aug.*
Cage. (See Mining-cage.)					
Calf-food	J. B. Mack	12984	14 Sept. ..	83	27 Sept.*
Candle, Advertising	W. J. MacLean	13001	.. .. .	..	..
Candle-holder	W. Dall	12846	1 Aug. ..	73	16 Aug.*
Candle shade and reflector	J. S. Wearn and T. E. Cutler	12769	7 July ..	..	..
Candlestick	W. Pinches	12983	13 Sept. ..	83	27 Sept.*
Capping. (See Ridge-capping.)					
Carriage-truck. (See Railway-carriage truck.)					
Cart. (See Street-watering cart.)					

ALPHABETICAL LIST OF INVENTIONS—continued.

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Case. (See Cigarette-case, Packing-case.)					
Cash-book	H. G. Vine	12962	7 Sept.	..	..
Cash-register	J. Perrott	12779	12 July	69	2 Aug.
Casks, Lining	H. S. Russell	12925	29 Aug.	..	..
Caster	G. J. A. Richardson	12857	6 Aug.	73	16 Aug.*
Caster	G. J. A. Richardson	12860	8 Aug.	80	13 Sept.
Caster	G. J. A. Richardson	12973	6 Sept.	83	27 Sept.*
Castrator, tailer, and earmarker..	T. W. Allen	12556	18 April	65	19 July.
Catch, Window-sash	W. E. Hunter	12855	10 Aug.	77	30 Aug.*
Cattle- and horse-medicine	A. J. Knocks	12776	11 July	65	19 July.*
Chaff-cutter, Feed-roller for	M. Brown	12134	2 Nov., 1899	73	16 Aug.
Chair	O. Peat	13031	27 Sept.	87	11 Oct.*
Charcoal, Obtaining, from kauri	J. H. Henrikson	12974	21 July	83	27 Sept.
Chimney-top	F. C. Griffiths	12775	7 July	65	19 July.
Churn	S. P. A. Andersson	12754	2 July	65	19 July.
Cigarette	E. J. Ritchie	12766	5 July	..	..
Cigarette-case	C. Legge	12077	13 Oct., 1899	73	30 Aug.
Cigar-machine	The American Cigar-machinery Company	12763	5 July	65	19 July.
Cistern, Closet-flushing	J. M. Taylor and H. Oakley	12234	12 Dec., 1899	83	27 Sept.
Cistern-valve	R. Garnham	12755	3 July	65	19 July.*
Clay, &c., moulding apparatus	C. J. Kielberg	12793	16 July	69	2 Aug.
Cleaner. (See Dredge-shoot cleaner, Road-cleaner, Seed-cleaner, Watercourse-cleaner.)					
Clip for ladies' belts	M. L. Jackman	12208	28 Nov., 1899	80	13 Sept.
Closet. (See Water-closet.)					
Clothes-peg	H. Reisler	12939	29 Aug.	80	13 Sept.*
Clothes-strainer	A. Adams	12861	11 Aug.	77	30 Aug.
Clothes-washer	R. A. C. Kerry	12759	2 July	65	19 July.*
Cloth-damping apparatus and composition	F. Broad	12979	13 Sept.	83	27 Sept.*
Coat-adjustment	Ross and Glendining, Limited	12848	4 Aug.	77	30 Aug.
Cock, Ball	W. Andrews	12757	3 July	65	19 July.
Codlin-moth exterminator	H. Strawbridge	12075	12 Oct., 1899	65	19 July.
Collar. (See Horse-collar.)					
Colour-printing	F. C. Taylor	12818	27 July	69	2 Aug.
Colour-printing machine	P. A. Hadley and J. J. Joyce	13012	..	..	..
Computing-machine	J. Thomas and G. W. Bell	12871	14 Aug.	77	30 Aug.
Concentrator, Gold-saving rocker and	G. Leech	12747	28 June	65	19 July.*
Concentrator. (See Ore-concentrator.)					
Concentrating-table	J. A. B. Wesley	12993	20 Sept.	83	27 Sept.*
Controller. (See Electric-motor controller.)					
Cooler, Milk-aerator and	H. Hodgson	12220	5 Dec., 1899	83	27 Sept.
Copying-paper, Press	C. C. Patridge	12048	4 Oct., 1899	65	19 July.
Cotton-gin	T. H. Pearse	12825	31 July	73	16 Aug.
Coupling-gear. (See Railway coupling-gear.)					
Cover. (See Horse-cover, Tire-cover.)					
Copper, Washing	A. J. Hulme	12971	11 Sept.	83	27 Sept.*
Cork-extractor	W. E. Hughes	12996	20 Sept.	83	27 Sept.*
Corrugated roofing, Closing openings in ..	W. J. Kissell	13023	26 Sept.	91	25 Oct.
Cowl. (See Ventilating-cowl.)					
Cows, Leg-holder for	J. Taucher	12959	7 Sept.	83	27 Sept.*
Cows, Leg-rope for	A. E. Whiting	12978	14 Sept.	83	27 Sept.
Cramp	L. S. De Cleene	12918	27 Aug.	80	13 Sept.
Cramp	C. A. Trotter	12916	23 Aug.	77	30 Aug.*
Crane and friction hoist for traction-engine	J. E. Watkins	12883	18 Aug.	77	30 Aug.*
Crate. (See Rabbit-crate.)					
Crutch for invalid	D. Rugg	12958	3 Sept.	83	27 Sept.*
Curler. (See Hair-curler.)					
Cushion. (See Billiard-cushion.)					
Cutter. (See Chaff-cutter, Hair-cutter, Pocket-cutter, Wire-cutter, Wool-cutter.)					
Cycle-gear	J. J. Gibson	13025	25 Sept.	87	11 Oct.*
Cycle handle-bars, Securing	T. Boyd	13004	22 Sept.	83	27 Sept.
Cycle lever attachment.. .. .	R. W. Brown	12990	14 Sept.	83	27 Sept.*
Cycle-tire cover	F. Jones	12854	8 Aug.	73	16 Aug.*
Cylindrical articles, Moulding	C. J. Kielberg	12793	16 July	69	2 Aug.
Damping apparatus and composition, Cloth	F. Broad	12979	13 Sept.	83	27 Sept.*
Damping-brush	F. H. Tucker	12784	9 July	65	19 July.*
Destructor. (See Garbage-destructor.)				80	13 Sept.
Detonator	J. W. Fowler	12011	22 Sept., 1899	65	19 July.
Door-fastener	J. A. Colville	13003	22 Sept.	83	27 Sept.*
Drain, Sink and	E. Owen and G. and W. Carder.. .. .	12774	11 July	69	2 Aug.*
Draught, Furnace-	G. Claydon	12751	29 June	65	19 July.*
Drawer. (See Staple-drawer.)					
Dredge	W. McKeegan	12675	12 June	83	27 Sept.
Dredge	J. T. Johnson	13026	6 Aug.	87	11 Oct.
Dredging and transporting apparatus	E. McGregor	12923	29 Aug.	80	13 Sept.*
Dredge-bucket and links	C. Wesley	12991	17 Sept.	83	27 Sept.*
Dredging-machinery	E. McGregor	11898	16 Aug., 1899	73	16 Aug.
Dredging-scoop	J. Morgan and J. Kerr, jun.	12942	28 Aug.	80	13 Sept.*
Dredge-screen	J. W. Faulkner	12961	6 Sept.	83	27 Sept.
Dredge-shoot cleaner	W. M. Hogg and P. Young	12843	3 Aug.	..	..
Dredge-tumbler bearing and shaft	P. Ellis	12851	8 Aug.	73	16 Aug.
Dressing flax. (See Flax.)					

ALPHABETICAL LIST OF INVENTIONS—continued.

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Drill for bore-hole sinking	W. Griffiths	12247	4 Dec., 1899	80	13 Sept.
Drying apparatus. (See Label-drying apparatus.)					
Dynamo-electric machine	The British Westinghouse Electric and Manufacturing Company, Limited	12448	9 Mar. ..	83	27 Sept.
Ear-marker, castrator, and tailer Economizer. (See Fuel-economizer.)	T. W. Allen	12556	18 April ..	65	19 July.
Egg-beater	E. R. Godward	12241	15 Dec., 1899	80	13 Sept.
Electoral registering-machine	H. Droullege	12941	30 Aug. ..	80	13 Sept.*
Electrical distribution, System of	The British Westinghouse Electric and Manufacturing Company, Limited	12977	14 Sept. ..	83	27 Sept.
Electrical distribution, System of	The British Westinghouse Electric and Manufacturing Company, Limited	13018	27 Sept. ..	87	11 Oct.
Electrical distribution, System of	The British Westinghouse Electric and Manufacturing Company, Limited	12903	22 Aug. ..	77	30 Aug.
Electric brake	W. E. Hughes	12396	16 Feb. ..	80	13 Sept.
Electric-current collector	J. P. Campbell	12397	16 Feb. ..	80	13 Sept.
Electric generator	The British Westinghouse Electric and Manufacturing Company, Limited	12902	22 Aug. ..	77	30 Aug.
Electric lamp	W. L. Voelker	12832	2 Aug. ..	73	16 Aug.
Electric-lamp filament	W. L. Voelker	12922	29 Aug. ..	80	13 Sept.
Electric-lamp filament	W. L. Voelker	12833	2 Aug. ..	73	16 Aug.
Electric-lamp filament	V. Thomas	12768	6 July ..	65	19 July.
Electric lighting	P. C. Hewitt	12912	23 Aug. ..	77	30 Aug.
Electric lighting of railway-vehicles	W. E. Hughes	12395	16 Feb. ..	77	30 Aug.
Electric motor	The British Westinghouse Electric and Manufacturing Company, Limited	12902	22 Aug. ..	77	30 Aug.
Electric motor	The British Westinghouse Electric and Manufacturing Company, Limited	12444	7 Mar. ..	83	27 Sept.
Electric-motor controller	The British Westinghouse Electric and Manufacturing Company, Limited	12557	24 April ..	83	27 Sept.
Electric railway	The British Westinghouse Electric and Manufacturing Company, Limited	12884	17 Aug. ..	..	..
Electric-speed indicator	The British Westinghouse Electric and Manufacturing Company, Limited	12926	29 Aug. ..	80	13 Sept.
Electric-switch controller	W. Kingsland	12836	2 Aug. ..	73	16 Aug.
Electricity, Generating	G. T. Girdler	12875	13 Aug. ..	77	30 Aug.*
Electricity, Generating	G. T. Girdler	12917	21 Aug. ..	80	13 Sept.*
Electric machine, Dynamo-	The British Westinghouse Electric and Manufacturing Company, Limited	12448	9 Mar. ..	83	27 Sept.
Electro-motive force, Generating	The British Westinghouse Electric and Manufacturing Company, Limited	13021	28 Sept. ..	87	11 Oct.
Elevating earth, Dredging and	E. McGregor	12923	29 Aug. ..	80	13 Sept.*
Elevator. (See Goods-elevator, Tailings-elevator.)					
Engine. (See Gas-engine, Marine engine, Oil- or spirit-engine, Rotary engine, Traction-engine.)					
Envelope-opener	H. Airey and P. K. Young	12960	7 Sept. ..	..	..
Envelope-opener	R. F. Hobson	12845	2 Aug. ..	73	16 Aug.*
Equaliser for yoking horses	C. B. Trefle	12667	8 June ..	65	19 July.
Escapement. (See Piano-escapement.)					
Excavating and transporting apparatus	E. McGregor	12923	29 Aug. ..	80	13 Sept.*
Extinguisher. (See Spark arrester and extinguisher.)					
Fabrics, Pocket-cutter for	P. Palmer	12819	27 July ..	77	30 Aug.
Fare-box registering and recording apparatus	G. H. Green	12189	23 Nov., 1899	83	27 Sept.
Fastener. (See Axle-box fastening, Belt-fastening, Boot-fastening, Bracket-fastener, Catch, Door-fastener, Gaiter-fastening, Gate-fastener, Hamper-fastening, Legging-fastening, Rabbit-trap fastener, Sash-fastener, Spur-fastener.)					
Feeder. (See Fowl-feeder, Fuel-feeder, Pig-feeder.)					
Feed-roller for chaff-cutter	M. Brown	12134	2 Nov., 1899	73	16 Aug.
Feed-water, Heating and filtering	I. Davis	12900	22 Aug. ..	77	30 Aug.
Fence, Wire netting	F. S. Ellerm	12885	17 Aug. ..	77	30 Aug.*
Filament. (See Electric-lamp filament.)					
Filtering feed-water, Heating and	I. Davis	12900	22 Aug. ..	77	30 Aug.
Firearm-sight	A. Church	12989	14 Sept. ..	83	27 Sept.
Firearm-sight	A. Church	12919	24 Aug. ..	80	13 Sept.*

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Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Flat-iron, Billiard-table	F. W. Cullimore	12765	6 July ..	65	19 July.*
Flax-dresser	J. McInnes	12329	23 Jan. ..	73	16 Aug.
Flax, Manufacturing brushes, &c., from ..	L. Van Laak, H. Craig, and W. S. Laurie	13030	27 Sept. ..	87	11 Oct.*
Flax-scraper	O. Gardner and P. W. Bell ..	12852	8 Aug. ..	73	16 Aug.
Flashing. (See Group-flashing.)					
Flour, Reducing wheat to	C. L. Wheeler	12844	2 Aug. ..	73	16 Aug.*
Flushing-cistern, Closet	J. M. Taylor and H. Oakley ..	12234	12 Dec., 1899	83	27 Sept.
Food for calves	J. B. Mack	12984	14 Sept. ..	83	27 Sept.*
Fowl-feeder	R. D. Wilson	12758	3 July ..	65	19 July.*
Fuel	E. Waters, jun.	12886	17 Aug. ..	77	30 Aug.
Fuel-economizer	T. B. Dineen	12841	30 July ..	73	16 Aug.*
Fuel-feeder	F. N. Spear	12799	20 July ..	69	2 Aug.
Furnace-draught	G. Claydon	12751	29 June ..	65	19 July.*
Furnace, Ore-	C. H. Ward	12901	22 Aug. ..	77	30 Aug.*
Game.. ..	M. Mouat	12988	14 Sept. ..	83	27 Sept.*
Gaiter. (See Legging.)					
Gaiter- or legging-fastening	W. P. Bice and A. H. Guthridge	12913	23 Aug. ..	77	30 Aug.
Gas-manufacture	G. J. Atkins	12804	21 July ..	69	2 Aug.
Gas-engine igniter	The Victor Motor Company, Limited	12914	23 Aug. ..	77	30 Aug.
Garbage-destroyer	G. T. Ritchie	12952	5 Sept. ..	80	13 Sept.
Gate-fittings	G. Brownlees	12970	12 Sept. ..	83	27 Sept.
Gate-hanging device	J. Jones	12940	1 Sept. ..	80	13 Sept.*
Gate-hinge	V. Metzger	12999	18 Sept. ..	83	27 Sept.
Gate-fastener	J. A. Colville	13003	22 Sept. ..	83	27 Sept.*
Gear, Cycle	J. J. Gibson	13025	25 Sept. ..	87	11 Oct.*
Generating electricity	G. T. Girdler	12917	21 Aug. ..	80	13 Sept.*
Generating electricity	G. T. Girdler	12875	13 Aug. ..	77	30 Aug.*
Generating electro-motive force ..	The British Westinghouse Electric and Manufacturing Company, Limited	13021	28 Sept. ..	87	11 Oct.
Generator. (See Acetylene-generator, Electric generator.)					
Gin. (See Cotton-gin.)					
Glazing shirt-fronts, &c.	G. S. C. Ford	12946	3 Sept. ..	83	27 Sept.
Glower. (See Lamp glower.)					
Gold, &c., Recovering from alluvial deposits	J. C. Fraser	12135	30 Oct., 1899	73	16 Aug.
Gold, &c., Recovering from ores	W. H. Harrison	12956	3 Sept. ..	83	27 Sept.*
Gold-saving	E. Murrell	12817	27 July ..	..	..
Gold-saving apparatus	J. H. A. McPhee	12623	15 May ..	83	27 Sept.
Gold-saving apparatus	J. Smythe and T. M. Baldwin ..	13005	22 Sept. ..	83	27 Sept.*
Gold-saving appliance	J. McElligott	12806	23 July ..	83	27 Sept.
Gold-saving appliance	J. S. Neave, A. Latham, W. Trembath, and M. Hanley	12739	27 June ..	65	19 July.*
Gold-saving appliance for battery ..	E. K. Cooper	12963	8 Sept. ..	83	27 Sept.
Gold-saving mat or screen	G. Foster	12985	14 Sept. ..	83	27 Sept.*
Gold-saving, Method of	J. Thomson	12816	23 July ..	69	2 Aug.*
Gold-saving method and apparatus ..	F. A. Cutten	12795	13 July ..	..	..
Gold-saving rocker and concentrator ..	G. Leech	12747	28 June ..	65	19 July.*
Gold-saving screen	J. W. Faulkner	12961	6 Sept. ..	83	27 Sept.
Grass seed dresser	W. and T. Nuttall and H. P. Meyer	12797	19 July ..	69	2 Aug.
Goods-elevator	J. Day	12967	12 Sept. ..	83	27 Sept.*
Grab, Lifting-	J. Morgan and E. F. Guinness ..	12998	14 Sept. ..	83	27 Sept.*
Grease from wash-liquors of wool, Recovering	J. Smith and Sons, Limited, and W. Leach	12762	5 July ..	65	19 July.
Group-flashing apparatus for lighthouse ..	A. Brebner	12936	31 Aug. ..	80	13 Sept.
Hair-curler, Heating	B. R. Hall	12953	3 Sept. ..	80	13 Sept.*
Hair-cutter	J. W. Newall	12896	22 Aug. ..	77	30 Aug.
Hair-cutter	M. Davies	12879	7 Sept. ..	80	13 Sept.*
Hamper-fastening	J. W. Cook	12937	29 Aug. ..	80	13 Sept.*
Handle-bars. (See Cycle handle-bars.)					
Harbours, Preventing accumulation of sand in	E. Maxwell	11956	4 Sept., 1899	59	5 July.
Harness-buckle	W. Morice	12802	19 July ..	69	2 Aug.*
Harrow, Spading	F. G. Brigham	12803	20 July ..	69	2 Aug.
Hauling-ropes, Preventing breaking of ..	C. Wesley	12991	17 Sept. ..	83	27 Sept.*
Heating and filtering feed-water	I. Davis	12900	22 Aug. ..	77	30 Aug.
Heating hair-curler	B. R. Hall	12953	3 Sept. ..	80	13 Sept.*
Heel-pad	A. Tindill	12894	20 Aug. ..	77	30 Aug.*
Hinge. (See Gate-hinge.)					
Hoist for traction-engine, Crane and friction	J. E. Watkins	12888	18 Aug. ..	77	30 Aug.*
Holisting-gear	G. E. T. Tuck	12874	16 Aug. ..	77	30 Aug.*
Holder. (See Candle-holder, Knife-holder, Leg-holder, Sheep-holder.)					
Horse. (See Rocking-horse.)					
Horse-collar	E. Clark	12828	2 Aug. ..	73	16 Aug.*
Horse-collar roll	D. Brigham	12932	28 Aug. ..	83	27 Sept.*
Horse-cover	E. Smallbone	12741	29 June ..	69	2 Aug.
Horse-cover	E. A. Ransom	12748	30 June ..	69	2 Aug.
Horse-cover	C. Dahl	12500	3 April ..	73	16 Aug.
Horse medicine, Cattle and	A. J. Knocks	12776	11 July ..	65	19 July.*
Horse-shoe	T. Cusdin and J. W. Rice ..	12796	16 July ..	69	2 Aug.*
Horse-shoe	C. Tandy	12180	16 Nov., 1899	77	30 Aug.

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Horses, Preventing bolting of	A. Williams	12992	18 Sept. ..	83	27 Sept.
Horse-tree mountings	J. Henderson	12905	18 Aug. ..	80	13 Sept.*
Igniter, Gas-engine	The Victor Motor Company, Limited	12914	23 Aug. ..	77	30 Aug.
Illustration-printing	The Christchurch Press Company, Limited, and J. V. Price	12821	28 July ..	69	2 Aug.*
Induction motor	The British Westinghouse Electric and Manufacturing Company, Limited	12969	12 Sept. ..	83	27 Sept.
Injector and reservoir combined Ink. (See Printing-ink.)	J. H. Walker	12838	2 Aug. ..	73	16 Aug.
Insecticide	W. Bromiley	12891	17 Aug. ..	77	30 Aug.*
Insecticide, Vessel for	W. Bromiley	12892	17 Aug. ..	77	30 Aug.*
Invalid's crutch	D. Rugg	12958	3 Sept. ..	83	27 Sept.*
Iron. (See Flat-iron.)					
Iron, Laundry	F. Broad	12982	13 Sept. ..	83	27 Sept.*
Jack. (See Lifting-jack, Stump-jack.)					
Jack for nailing and slugging machine Joint. (See Rail-joint.)	McKay Shoe machinery Company	12162	10 Nov., 1899	65	19 July.
Jug-lid	W. E. Lewis	12839	2 Aug. ..	73	16 Aug.*
Kauri, Obtaining oil and charcoal from	J. H. Henrikson	12974	21 July ..	83	27 Sept.
Kerosene-tin-bucket frame	D. C. Kee	12771	7 July ..	65	19 July.
Knife-holder	B. Clapcott	12938	29 Aug. ..	80	13 Sept.*
Label-drying apparatus	W. Hickson and W. L. Palmer ..	12782	12 July ..	69	2 Aug.*
Labelling apparatus, Bottle-Lamp	I. Harrison	12767	7 July ..	65	19 July.*
Lamp. (See Acetylene-lamp, Electric lamp, Nernst lamp.)	C. Lawson	12867	13 Aug. ..	80	13 Sept.*
Lamp glower	M. W. Hanks	12906	23 Aug. ..	77	30 Aug.
Lasting-machine	United Shoe-machinery Company	12791	17 July ..	69	2 Aug.
Latch	G. A. Mazy	12800	19 July ..	69	2 Aug.*
Lead-heading nails, Machine for	J. Welsey and H. G. Bedell ..	12811	25 July ..	69	2 Aug.*
Lead-carbonate, Manufacturing ..	F. J. Corbett	12864	13 Aug. ..	77	30 Aug.
Lead-ores, Treating	A. Germot	12761	5 July ..	65	19 July.
Lead-ores, Treating	The General Metal-reduction Company (Limited)	12830	2 Aug. ..	73	16 Aug.
Leaf. (See Book-leaf.)					
Leg-holder for cows	J. Taucher	12959	7 Sept. ..	83	27 Sept.*
Legging	J. E. Evans	12773	10 July ..	65	19 July.*
Legging	G. A. P. Townsend	12778	12 July ..	65	19 July.*
Legging-fastening	W. P. Bice and A. H. Guthridge	12913	23 Aug. ..	77	30 Aug.
Leg-ropes for cows	A. E. Whiting	12978	14 Sept. ..	83	27 Sept.*
Lever attachment, Cycle Lid. (See Jug-lid.)	R. W. Brown	12990	14 Sept. ..	83	27 Sept.*
Lifting-grab	J. Morgan and E. F. Guinness ..	12998	14 Sept. ..	83	27 Sept.*
Lifting-jack	W. Lisle	13013	24 Sept. ..	87	11 Oct.*
Lighting. (See Electric lighting.)					
Lighthouse, Group-flashing apparatus for	A. Brabner	12936	31 Aug. ..	80	13 Sept.
Lightning-arrester	The British Westinghouse Electric and Manufacturing Company (Limited)	12560	24 April ..	83	27 Sept.
Lining casks, &c.	H. S. Russell	12925	29 Aug. ..	..	..
Link. (See Dredge-bucket link.)					
Linotype-machine	E. Waters, jun.	12141	4 Nov., 1899	80	13 Sept.
Linotype-machine	E. Waters, jun.	12142	4 Nov., 1899	80	13 Sept.
Liquid-weigher	G. A. Hanna and T. A. Swanson	12810	25 July ..	69	2 Aug.
Lock	A. Petersen	12865	13 Aug. ..	77	30 Aug.
Lock	C. Kunzelmann	12510	7 April ..	65	19 July.
Locking device, Bicycle-	F. L. Wildbore	12750	2 July ..	65	19 July.*
Magnetic-sand extraction	J. H. A. McPhee	12623	15 May ..	83	27 Sept.
Magneto-telephone	P. Rabbidge	12957	3 Sept. ..	83	27 Sept.*
Machinery, Means for imparting motion to	W. H. Baxter	12950	4 Sept. ..	80	13 Sept.
Manure-distributor	J. J. Smyth	12805	21 July ..	69	2 Aug.
Marking. (See Branding, Mail-marking.)					
Marine-engine controller	A. M. Rust	12067	6 Oct., 1899	65	19 July.
Mat or screen, Gold-saving	G. Foster	12985	14 Sept. ..	83	27 Sept.*
Mail-marking machine	The International Postal Supply Company of New York	13016	27 Sept. ..	87	11 Oct.
Measurer. (See Electric-current measurer, Tea receptacle and measurer.)					
Medicine, Cattle- and horse-	A. J. Knocks	12776	11 July ..	65	19 July.*
Metal boxes, Closing	C. F. Mendham	13010	24 Sept. ..	87	11 Oct.
Manure-sower	W. A. Land	12822	28 July ..	69	2 Aug.*
Milk-aerator	J. A. Ellis	12798	20 July ..	69	2 Aug.*
Milk aerator and cooler	H. Hodgson	12220	5 Dec., 1899	83	27 Sept.
Milking-instrument	R. Caldwell	12596	9 May ..	65	19 July.
Milk-pasteuriser	A. P. Hall	12866	13 Aug. ..	77	30 Aug.
Milk-strainer	C. Dahl	12873	16 Aug. ..	77	30 Aug.
Mining-cage safety device	J. B. Cameron and P. R. Sutherland	12840	2 Aug. ..	73	16 Aug.*
Motion to machinery, Means for imparting	W. H. Baxter	12950	4 Sept. ..	80	13 Sept.

ALPHABETICAL LIST OF INVENTIONS—continued.

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Motor. (See Electric motor, Induction motor.)					
Motorpictoscope	H. J. Jones and J. Baker ..	12920	21 Sept.	83	27 Sept.*
Moulding apparatus, Clay-	C. J. Kielberg	12793	16 July	69	2 Aug.
Nailing-and-slugging machine, Jack for ..	McKay Shoe-machinery Company	12162	10 Nov., 1899	65	19 July.
Nails, Lead-heading	J. Welsby and H. G. Bedell ..	12811	25 July	69	2 Aug.*
Nernst lamp	A. J. Wurts, H. N. Potter, E. Bennett, and M. C. Beebe	12911	23 Aug.	77	30 Aug.
Nernst lamp ballast resistance	H. N. Potter	12907	23 Aug.	77	30 Aug.
Nernst lamp glower	M. W. Hanks	12906	23 Aug.	77	30 Aug.
Nernst lamp-lighting system	A. J. Wurts	12908	23 Aug.	77	30 Aug.
Nernst lamp-starting apparatus	A. J. Wurts, H. N. Potter, and M. W. Hanks	12909	23 Aug.	77	30 Aug.
Nernst lamp terminal connections	A. J. Wurts and M. W. Hanks ..	12910	23 Aug.	77	30 Aug.
Oil and charcoal, Obtaining from kauri ..	J. H. Henrikson	12974	21 July	83	27 Sept.
Oil- or spirit-engine	A. J. Knowles	12781	12 July	69	2 Aug.
Opener. (See Envelope-opener, Tin-opener.)					
Ore, Concentrating	S. M. Lissan	12882	17 Aug.	77	30 Aug.
Ore-concentrator	G. E. Woodbury	12772	9 July	65	19 July.
Ore-concentrator	E. Phillips	13020	28 Sept.	87	11 Oct.*
Ore-crusher	E. K. Cooper	12963	8 Sept.	83	27 Sept.
Ore-dressing machine	G. Weir	12935	31 Aug.	83	27 Sept.
Ores, Obtaining zinc from	J. Armstrong	13019	27 Sept.	..	..
Ores, Recovering gold, &c., from	W. H. Harrison	12956	3 Sept.	83	27 Sept.*
Ores, Treating	C. H. Ward	12901	22 Aug.	77	30 Aug.*
Ores, Treating lead-	A. Germot	12761	5 July	65	19 July.
Ores, Treating sulphide-	H. F. Kirkpatrick-Picard ..	12933	31 Aug.	80	13 Sept.*
Ores, Treating zinc- and lead-	The General Metal-reduction Company, Limited	12830	2 Aug.	83	27 Sept.
				73	16 Aug.
Oxide. (See Zinc-oxide.)					
Packing-case	J. Louisson and A. Hosking ..	12869	13 Aug.	77	30 Aug.*
Pad. (See Heel-pad.)					
Paper. (See Copying-paper.)					
Paste. (See Washing-paste.)					
Pasteuriser	A. P. Hall	12866	13 Aug.	77	30 Aug.
Peg. (See Clothes-peg.)					
Pelts, Removing wool from	W. P. Griffiths	12835	2 Aug.	..	..
Penholder	F. L. Graham	12927	29 Aug.	80	13 Sept.
Photographs, Producing coloured	Grenier Art Company	12829	2 Aug.	73	16 Aug.
Piano-escapement	W. Over	12820	26 July	69	2 Aug.*
Pig-feeder	C. E. and F. L. Wildbore	12826	1 Aug.	73	16 Aug.*
Pile-driver hoisting-gear	G. E. T. Tuck	12874	16 Aug.	77	30 Aug.
Plough, Skeith attachment for	W. Painter	13024	27 Sept.	87	11 Oct.*
Planing machine attachment	D. W. Mackay	12837	17 Aug.	77	30 Aug.*
Pocket-cutter for fabrics	P. Palmer	12819	29 July	77	30 Aug.
Post-hole-boring tool	E. R. Godward	12268	29 Dec., 1899	83	27 Sept.
Potash from wash-liquors of wool, Recovering	J. Smith and Sons and W. Leach	12762	5 July	65	19 July.
Preserving-composition	F. W. Quaife	12930	13 Sept.	83	27 Sept.*
Press-copying	F. Broad	12979	13 Sept.	83	27 Sept.*
Press-copying paper	C. C. Paltridge	12048	4 Oct., 1899	65	19 July.
Press. (See Wool-press.)					
Printing, Illustration-	Christchurch Press Company, Limited, and J. V. Price	12821	28 July	69	2 Aug.*
Printing-ink	F. C. Taylor	12818	27 July	69	2 Aug.*
Printing-machine	P. A. Hadley and J. J. Joyce ..	13012	.. .. .	..	..
Prospecting-machine	J. Corbett	12827	28 July	73	16 Aug.
Pulling-over machine, Boot	United Shoe machinery Company	12790	17 July*	..	..
Pulverised substances, Separating	E. Gates	12897	22 Aug.	77	30 Aug.
Pulverised substances, Separating	E. Gates	12898	22 Aug.	77	30 Aug.
Pulverised substances, Separating	E. Gates	12899	22 Aug.	77	30 Aug.
Pump	Fraser and Chalmers, Limited ..	12760	5 July	65	19 July.
Pump	J. W. Robertson	12770	7 July	65	19 July.*
Pump	J. S. Morton	12849	4 Aug.	73	16 Aug.
Pump	E. Seitz	12994	20 Sept.	83	27 Sept.
Rabbit-crate	W. Burrell and J. W. Story ..	12334	23 Jan.	83	27 Sept.
Rabbit-trap fastener	W. Taylor and A. Pasco	12756	3 July	65	19 July.*
Racing-plate	C. Tandy	12180	16 Nov.	77	30 Aug.
Rail-joint	F. B. Hart	12788	16 July	69	2 Aug.
Railway buffer and coupling-gear	C. P. White	12815	26 July	69	2 Aug.
Rat-trap	F. Treweek	13011	24 Sept.	87	11 Oct.
Refuse-bin	C. A. Beal and J. Eustac	12749	28 June	65	19 July.*
Railway-carriage truck	J. Bragge	12949	4 Sept.	80	13 Sept.
Railway coupling-gear	A. Dornbusch	12814	18 Aug.	77	30 Aug.*
Railway coupling-gear	H. R. Walker	12975	12 Sept.	83	27 Sept.*
Railway, Electric	The British Westinghouse Electric and Manufacturing Company, Limited	12884	17 Aug.	..	..
Railway-trains, Telephonic and signal communication for	H. Gulliver and T. C. Fowler ..	12868	13 Aug.	77	30 Aug.*
Railway vehicles, Electric lighting of	W. E. Hughes	12395	16 Feb.	77	30 Aug.
Receptacle and measurer	W. R. Fry	12934	31 Aug.	80	13 Sept.

ALPHABETICAL LIST OF INVENTIONS—continued.

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Receptacle	F. and G. N. Lucas	12987	13 Sept. ..	83	27 Sept.*
Registering and recording apparatus, Fare-box	G. H. Green	12189	23 Nov., 1899	83	27 Sept.
Registering-machine, Electoral	H. Drouleige	12941	30 Aug. ..	80	13 Sept.*
Register. (See Cash-register.)					
Reservoir and syringe combined	J. H. Walker	12838	2 Aug. ..	73	16 Aug.
Ridge-capping, Ventilating	J. Watson	12929	28 Aug. ..	83	27 Sept.
Rifle, Dummy	D. Cameron	12808	24 July ..	..	..
Rifle-sight	A. Church	12919	24 Aug. ..	80	13 Sept.*
Rivers, Preventing accumulation of sand in	E. Maxwell	11956	4 Sept., 1899	59	5 July.
Road-cleaner	H. J. Ranger	12801	21 July ..	69	2 Aug.
Rooker and concentrator, Gold-saving ..	G. Leech	12747	28 June ..	65	19 July.*
Roeking-horse	W. E. Perry	12785	11 July ..	65	19 July.*
Roller. (See Feed-roller.)					
Rolls, Horse-collar	D. Brigham	12982	28 Aug. ..	83	27 Sept.
Roofing, Closing openings in corrugated ..	W. J. Kissell	13023	26 Sept. ..	91	25 Oct.
Rope. (See Hauling-rope.)					
Rotary engine	W. O. Taylor	12948	4 Sept. ..	80	13 Sept.
Rug	G. Schütze	12945	3 Sept. ..	80	13 Sept.*
Saddle, Convertible	P. Woods	12981	13 Sept. ..	83	27 Sept.
Sand-extraction. (See Magnetic sand.)					
Sand in harbours, Preventing accumulation of	E. Maxwell	11956	4 Sept., 1899	59	5 July.
Sand-soap powder	H. A. Pyke	12853	8 Aug. ..	..	..
Sanitary receptacle	F. and G. N. Lucas	12987	13 Sept. ..	83	27 Sept.*
Sash. (See Window-sash.)					
Sash-fastener	J. D. Tripe	12764	2 July ..	65	19 July.*
Saving gold. (See Gold.)					
Saw-and-bench combination	C. Y. Dally	12850	27 Aug. ..	80	13 Sept.*
Scoop. (See Dredging-scoop, Stack-scoop.)					
Scraping flax. (See Flax.)					
Screen, Dredge	J. W. Faulkner	12961	6 Sept. ..	83	27 Sept.
Screen, Gold-saving	G. Foster	12985	14 Sept. ..	83	27 Sept.*
Scrim-securing stud	E. Bartley	12094	13 Oct., 1899	65	19 July.
Sealing perishable substances	F. W. Quaife	12980	13 Sept. ..	83	27 Sept.*
Seed-cleaner	R. A. Wilson	12332	23 Jan. ..	80	13 Sept.
Seed-and-manure sower	W. A. Land	12822	28 July ..	69	2 Aug.*
Seed dresser, Grass-	W. and T. Nuttall and H. P. Meyer	12797	19 July ..	69	2 Aug.
Semaphore	H. R. Walker	12862	11 Aug. ..	73	16 Aug.*
Separating pulverised substances	E. Gates	12897	22 Aug. ..	77	30 Aug.
Separating pulverised substances	E. Gates	12898	22 Aug. ..	77	30 Aug.
Separating pulverised substances	E. Gates	12899	22 Aug. ..	77	30 Aug.
Sewing-machine. (See Boot- and shoe-sewing machine.)					
Shaver. (See Turnip-shaver.)					
Sheep-holder	W. M. Ashton	12082	13 Oct., 1899	65	19 July.
Shelves, Fastener for	G. Allen	12636	23 May ..	69	2 Aug.
Ship-bottoms, Apparatus for cleaning	J. W. Fowler	12813	25 July ..	69	2 Aug.*
Shirt	W. R. Blythe	13028	28 Sept. ..	87	11 Oct.*
Shirts, Glazing	G. S. C. Ford	12946	3 Sept. ..	83	27 Sept.
Shoe. (See Horse-shoe.)					
Shoot. (See Dredge-shoot.)					
Sight. (See Firearm-sight, Rifle-sight.)					
Signal communication on railway-trains..	H. Gulliver and T. C. Fowler ..	12868	13 Aug. ..	77	30 Aug.*
Silicides, Manufacturing	The International Chemical Company	13017	27 Sept. ..	87	11 Oct.
Silver. (See Gold.)					
Sink. (See Yard-sink.)					
Skeith attachment for plough	W. Painter	13024	27 Sept. ..	87	11 Oct.*
Skins, Removing wool from	S. L. and E. Johnson and A. H. Gibbings	11962	5 Sept., 1899	80	13 Sept.
Soap-block, Advertising	J. J. Roth	12177	15 Nov., 1899	69	2 Aug.
Soap-powder	H. A. Pyke	12853	8 Aug. ..	..	..
Soldering aluminium	H. Lange	12995	20 Sept. ..	83	27 Sept.
Sole. (See Boot-sole.)					
Sower. (See Seed-and-manure sower.)					
Spading-harrow	F. G. Brigham	12803	20 July ..	69	2 Aug.
Spark-arrester	G. H. Mackenzie	12794	12 July ..	..	..
Spark-arrester	H. R. Walker	12976	12 Sept. ..	83	27 Sept.*
Spark arrester and extinguisher	J. King	12206	28 Nov., 1899	65	19 July.
Spark arrester and extinguisher	E. Richardson	12930	30 Aug. ..	80	13 Sept.*
Spark-extinguisher	C. W. Constable and J. Tyrrell, jun.	12859	7 Aug. ..	73	16 Aug.*
Spectacle attachment	D. Rugg	12878	13 Aug. ..	77	30 Aug.*
Spelter, Manufacturing	The General Metal-reduction Company, Limited	12831	2 Aug. ..	73	16 Aug.
Spouting-bracket	H. G. Bedell	13027	29 Sept. ..	87	11 Oct.*
Spur attachment	R. P. Chatfield	13006	22 Sept. ..	82	27 Sept.*
Spur-fastener	A. B. Jackson	12258	22 Dec., 1899	80	13 Sept.
Stack-scoop	J. W. Deegan	13014	26 Sept. ..	87	11 Oct.*
Staple-drawer and wire-cutter combined ..	W. R. Morgan	12823	26 July ..	69	2 Aug.*
Staple. (See Breeching-staple.)					
Staple-extractor	A. Lavery	12928	28 Aug. ..	80	13 Sept.*
Starch, Packing	T. Bell	12895	28 Aug. ..	77	30 Aug.
Stoker for steam-boiler	J. Miller	12777	7 July ..	80	13 Sept.
Stove	C. Clamond	12834	2 Aug. ..	73	16 Aug.

ALPHABETICAL LIST OF INVENTIONS—continued.

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Strainer. (See Clothes-strainer, Milk-strainer, Wire-strainer.)					
Street-watering cart	P. and D. Duncan, Limited	12972	11 Sept.	83	27 Sept.*
Stud. (See Angle-stud.)					
Stump-jack	A. W. Collett and J. C. Riley	12858	10 Aug.	..	..
Sulphides, Treating	E. Waters, jun.	12789	16 July	65	19 July.*
Sulphide ores, Treating	H. F. Kirkpatrick-Picard	12933	31 Aug.	80 83	13 Sept.* 27 Sept.*
Swingletree. (See Whippletree, Yoking horses.)					
Swingletree-end	J. Hair	12955	3 Sept.	80	13 Sept.*
Switch. (See Electric Switch.)					
Syphon	J. Welsby and H. G. Bedell	13015	27 Sept.	87	11 Oct.
Syringe and reservoir combined	J. H. Walker	12838	2 Aug.	73	16 Aug.
Table. (See Concentrating-table.)					
Tailer, castrator, and ear-marker	T. W. Allen	12556	18 April	65	19 July.
Tailings-elevator	W. H. Cutten	12219	5 Dec., 1899	83	27 Sept.
Target	D. Edwards	12842	3 Aug.	73	16 Aug.*
Taps, &c., to tins, &c., Securing	G. A. Watson	12943	30 Aug.	..	..
Tea receptacle and measurer	W. R. Fry	12934	31 Aug.	80	13 Sept.
Telephone	P. Rabbidge	12957	3 Sept.	83	27 Sept.*
Telephonic communication for railway-trains	H. Gulliver and T. C. Fowler	12868	13 Aug.	77	30 Aug.*
Till registering and recording apparatus	G. H. Green	12189	23 Nov., 1899	83	27 Sept.
Timber-dressing attachment to planing-machines	D. W. Mackay	12887	17 Aug.	77	30 Aug.*
Tin-bucket frame, Kerosene-	D. C. Kee	12771	7 July	65	19 July.
Tin-opener	G. A. Watson	12921	24 Aug.	80	13 Sept.
Tin, Recovery of	J. C. Fraser	12135	30 Oct., 1899	73	16 Aug.
Tins, &c., Securing taps to	G. A. Watson	12943	30 Aug.	..	..
Tire	G. E. Garard	13007	21 Sept.	83	27 Sept.*
Tire	F. P. Wood	12876	13 Aug.	80	13 Sept.*
Tire cover, Cycle-	F. Jones	12854	8 Aug.	73	16 Aug.*
Tire-shield	F. P. Wood	12877	13 Aug.	80	13 Sept.*
Tire, Vehicle-	H. Bloomfield	12872	15 Aug.	77	30 Aug.*
Tool. (See Bootmakers' tool, Post-hole-boring tool.)					
Top. (See Chimney-top.)					
Traction engine	B. J. Diplock	12881	17 Aug.	77	30 Aug.
Traction engine, Crane and friction hoist for	J. E. Watkins	12888	18 Aug.	77	30 Aug.*
Transporting-apparatus, Dredging- and	E. McGregor	12923	29 Aug.	80	13 Sept.*
Trap. (See Rabbit-trap, Rat-trap.)					
Tray, Bunk	B. M. Holt	12889	20 Aug.	77	30 Aug.*
Truck. (See Railway-carriage truck.)					
Tub-emptying device	E. Basstian	12508	6 April	65	19 July.
Tumbler. (See Dredge-tumbler.)					
Turnip shaver and lifter	G. W. Penney	12856	9 Aug.	77	30 Aug.
Upper. (See Boot-upper.)					
Valve for water-cistern	R. Garnham	12755	3 July	65	19 July.*
Vehicle-loader	J. Day	12967	12 Sept.	83	27 Sept.*
Ventilating-cowl	J. Orr and T. McCulloch	12915	23 Aug.	77	30 Aug.
Ventilator	W. B. Johnson	12972	16 July	69	2 Aug.
Vessel for insecticide	W. Bromiley	12892	17 Aug.	77	30 Aug.*
Washer. (See Clothes-washer.)					
Washing-boiler-emptying device	E. Basstian	12508	6 April	65	19 July.
Washing-fluid	J. Ferguson	12786	11 July	65	19 July.*
Washing-paste	J. Northey	12954	3 Sept.	80	13 Sept.*
Water-closet-flushing cistern	J. M. Taylor and H. Oakley	12234	12 Dec.	83	27 Sept.
Water-closet syphon	J. Welsby and H. G. Bedell	13015	27 Sept.	87	11 Oct.*
Watercourse-cleaner	A. E. Hight	12863	11 Aug.	73	16 Aug.
Watering. (See Street-watering.)					
Weigher. (See Liquid-weigher.)					
Wells, Sinking artesian	J. Osborne	12704	19 June	65	19 July.
Wheat to flour, Reducing	C. L. Wheeler	12844	2 Aug.	73	16 Aug.*
Wheel	G. G. Turri	12780	12 July	69	2 Aug.
Whippletrees	A. Yager	12863	17 Aug.	77	30 Aug.
Whippletree	J. Smail	12628	16 May	59	5 July.
Window-sash catch	W. E. Hunter	12855	10 Aug.	77	30 Aug.*
Window-sashes, Means of raising and lowering	T. James, sen.	12783	13 July	73	16 Aug.*
Window-sash opening and closing apparatus	H. Shaw and J. J. Ewing	12924	29 Aug.	80	13 Sept.
Window-sash-securing device	J. D. Tripe	12764	2 July	65	19 July.*
Window-sashes, Holding-device for	S. Ogden	12890	17 Aug.	83	27 Sept.
Wire-cutter and staple-drawer combined	W. R. Morgan	12823	26 July	69	2 Aug.*
Wire forming machine, Screw-threaded-	United Shoe-machinery Company	12947	4 Sept.	80	13 Sept.
Wire-netting fence	F. S. Ellerm	12885	17 Aug.	77	30 Aug.*
Wire-strainer	A. Hamilton	13022	25 Sept.	..	..
Wire-strainer	R. Wise	12847	7 Sept.	83	27 Sept.*
Wire-strainer	H. A. Wilson	12743	29 June	73	16 Aug.
Wire-strainer	J. Brown	12968	12 Sept.	83	27 Sept.
Wire strainer, cutter, and key	J. and J. Rapson	12787	14 July	..	..

ALPHABETICAL LIST OF INVENTIONS—continued.

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Wool from skins, Removing	S. L. and E. Johnson and A. H. Gibbings	11962	5 Sept., 1899	80	13 Sept.
Wool from skins, Removing	W. P. Griffiths	12835	2 Aug. .. ..	..	..
Wool-burrer	T. H. Pearse	12825	31 July	73	16 Aug.
Wool-cutter	M. Davies	12879	7 Sept.	80	13 Sept.*
Wool-cutter	J. W. Newall	12896	22 Aug.	77	30 Aug.*
Wool-press	W. S. Dudson	12870	14 Aug.	77	30 Aug.*
Wool-press	W. S. Dudson	12986	14 Sept.	83	27 Sept.*
Wool-washes, Recovering grease and potash from	J. Smith and Sons and W. Leach	12762	5 July	65	19 July.
Yard-sink	E. Owen and G. and W. Carder ..	12774	11 July	69	2 Aug.*
Yoke-mountings	J. Henderson	12905	18 Aug.	80	13 Sept.*
Yoking horses. Equaliser for	C. B. Trefle	12667	8 June	65	19 July.
Zinc- and lead-ores, Treating	The General Metal-reduction Company, Limited	12830	2 Aug.	73	16 Aug.
Zinc from ores, Obtaining	J. Armstrong	13019	27 Sept. .. ..	..	..
Zinc-oxide, Producing	The General Metal-reduction Company, Limited	12831	2 Aug.	73	16 Aug.

List of Applicants for Registration of Designs.

A LPHABETICAL list of applicants for registration of designs during quarter ending 30th September, 1900:—

Name and Address.	No. of Class.	Design.		Gazette.	
		No.	Date.	No.	Date.
Metzler, A. J., Sydney, New South Wales ..	10	119	24th April ..	69	2nd August.

List of Applicants for Registration of Trade Marks.

A LPHABETICAL list of applicants for registration of trade marks for quarter ending 30th September, 1900 (including also applications lodged prior to but gazetted during such quarter).

Name.	Address.	Class.	Application.		Gazette.	
			No.	Date.	No.	Date.
Adams Star Cycle Company	Wellington	22	3159	3 Sept.	80	13 Sept.
Aerators, Limited	London	13	3112	1 Aug. .. ..	..	..
Anti-Kalsomine Company	Grand Rapids, U.S.A. ..	17	3126	17 Aug.	77	30 Aug.
Arnold, M. M.	North Abington, U.S.A.	38	3078	29 June	73	16 Aug.
Arnoldson, L., and others	Auckland	45	3053	26 May	69	2 Aug.
Beale, O. C.	Annandale, N.S.W.	9	3156	31 Aug. .. ..	..	..
Bechstein, C. (See E., C., and H. Bechstein.)						
Bechstein, E., and others	Berlin and London	9	3155	31 Aug.	80	13 Sept.
Bechstein, C., and others	Berlin and London	9	3155	31 Aug.	80	13 Sept.
Bechstein, H., and others	Berlin and London	9	3155	31 Aug.	80	13 Sept.
Benjamin, D.	Dunedin	45	3189	18 Sept. .. ..	..	..
Blundell, Spence, and Co.	London and Hull	1	3036	12 May	65	19 July.
Brown Bros. and Geddes	Auckland	42	3132	21 Aug.	83	27 Sept.
Brown, J.	Earlston, Vic.	13	3190	19 Sept.	83	27 Sept.
Bodenhausen. (See Von Bodenhausen.)						
Cambridge Dairy Association. (See G. Watts and J. Hally, No. 3184.)						
Cameron Bros. and Co. Proprietary, Limited, W.	Melbourne	45	3134	22 Aug. .. ..	..	..
Cameron Bros. and Co. Proprietary, Limited, W.	Melbourne	45	3135	22 Aug. .. ..	..	..
Cameron Bros. and Co. Proprietary, Limited, W.	Melbourne	45	3136	22 Aug.	77	30 Aug.
Cameron Bros. and Co. Proprietary, Limited, W.	Melbourne	45	3137	22 Aug. .. ..	..	..
Campbell and Ehrenfried Company, Limited, The	Auckland	43	3125	10 Aug.	77	30 Aug.
Campbell and Ehrenfried Company, Limited, The	Auckland	43	3153	28 Aug.	77	30 Aug.
Campbell and Ehrenfried Company, Limited, The	Auckland	42, 43	3175-6	7 Sept.	80	13 Sept.
Centaur Company, The	New York	3	3035	10 May	80	13 Sept.
Claridge, F. J.	St. Kilda, Vic.	42	3089-90	16 July	69	2 Aug.

LIST OF APPLICANTS FOR REGISTRATION OF TRADE MARKS—continued.

Name.	Address.	Class.	Application.		Gazette.	
			No.	Date.	No.	Date.
Claris, W. H.	Opunake	42	3154	29 Aug.	80	13 Sept.
Clarke's Pyramid and Fairy Light Company, Limited	Cricklewood, London	13, 47	3182-3	12 Sept.	83	27 Sept.
Colman, Limited, J. and J.	London	47	3163-4 6-7-9	4 Sept.	83	27 Sept.
Colman, Limited, J. and J.	London	47	3165-8, 3170-1	4 Sept.	80	13 Sept.
Colman, Limited, J. and J.	London	47	3172	4 Sept.	87	11 Oct.
Cook and Co., Limited, E.	London	47, 48	3113-4	1 Aug.	..	..
Cook and Co., Limited, E.	London	47, 48	3115-6	1 Aug.	73	16 Aug.
Creaven, M.	Bunnythorpe, N.Z.	42	3095	20 July	..	..
Creaven, M.	Bunnythorpe, N.Z.	42	3122	3 Aug.	..	..
Dodgshun, N.	Brightwater, Nelson	24	3110	31 July	77	30 Aug.
Dodgshun, N.	Brightwater, Nelson	42	3152	24 Aug.	77	30 Aug.
Doyle, H.	Paddington, N.S.W.	43	3162	4 Sept.	..	..
Edmond, J. F.	Dunedin	47	3086	11 July	..	..
Edmond, W. F.	Dunedin	47	3092	16 July	65	19 July.
Ellison, H. A.	Auckland	3	3109	30 July	69	2 Aug.
Evans, S. J.	Dunedin	3	3102	23 July	..	..
Fear, F. J. W.	Wellington	47	3085	11 July	87	11 Oct.
FitzGerald, W. C.	Wellington	3	3186	14 Sept.	87	11 Oct.
FitzGerald, W. C.	Wellington	48	3187	14 Sept.	83	27 Sept.
Fletcher, Humphreys, and Co.	Christchurch	43	3158	31 Aug.	80	13 Sept.
Ford, G. S. C.	Wellington	47	3188	17 Sept.	83	27 Sept.
Fowler, Limited, D. and J.	London	42	3011	19 April	69	2 Aug.
Frémy fils. (See L. Frémy, No. 3179.)	Chalons-sur-Loire, France	43	3179	12 Sept.	83	27 Sept.
Frémy, L.	Chalons-sur-Loire, France	43	3179	12 Sept.	83	27 Sept.
Godfrey and Co., H. C.	Christchurch	42	3108	27 July	73	16 Aug.
Grove, E.	Palmerston North	42	3195-6	27 Sept.	..	11 Oct.
Hadley and Co., P. A.	Auckland	1	3193	24 Sept.	87	11 Oct.
Haig and Haig, Limited	London	43	3138	22 Aug.	..	..
Hally, J., and another	Cambridge, N.Z.	42	3184	14 Sept.	83	27 Sept.
Harper and Co. Proprietary, Limited, R.	Melbourne	42	3157	31 Aug.	80	13 Sept.
Hendy, A. M.	Dunedin	48	3050	25 May	69	2 Aug.
Hemus, J. W.	Auckland	39	3124	7 Aug.	73	16 Aug.
Hough, W. E.	Auckland	3	3192	21 Sept.	..	..
King, W.	London	50	3107	1 Aug.	73	16 Aug.
Lavers Manufacturing Company, The..	Sydney	2	3129	18 Aug.	..	..
Lavers Manufacturing Company, The..	Sydney	2	3130	18 Aug.	77	30 Aug.
Leyland and Birmingham Rubber Company, Limited, The	London	40, 50	3118-9	1 Aug.	73	16 Aug.
Liebig's Extract of Meat Company, Limited	London and Antwerp	42	3120	1 Aug.	73	16 Aug.
Lichtenstein, M., and others..	Auckland	45	3053	26 May	69	2 Aug.
Lowry, A., and another	Christchurch	22	3107	25 July	69	2 Aug.
Ludski, I., and others	Auckland	45	3053	22 May	69	2 Aug.
Ludski, E., and others	Auckland	45	3053	22 May	69	2 Aug.
Major and Co., Limited	Wincolmlee, Eng.	2,3,47,48	3080-3	2 July	59	5 July.
Major and Co., Limited	Wincolmlee, Eng.	2,3,47,48	3096-9	20 July	69	2 Aug.
Ma ru Company, The	Wanganui, N.Z.	3	3100	23 July	..	25 Oct.
McLean, W.	Windsor, Vic.	2,3,43,47 2,3	3139-42 3143-6 3147-8	22 Aug.	77	30 Aug.
McLean, W.	Windsor, Vic.	43	3149	22 Aug.	..	..
McLean, W.	Windsor, Vic.	47	3150	22 Aug.	77	30 Aug.
Merwanjee Poonjiajee and Sons	Bombay	42	3106	25 July	69	2 Aug.
Milne, G., and another	Christchurch	22	3107	25 July	69	2 Aug.
Murray and Co., Limited, W. T.	Auckland	42	3103	23 July	77	30 Aug.
Murray and Co., Limited, W. T.	Auckland	42	3104	23 July	69	2 Aug.
Murray and Co., Limited, W. T.	Auckland	42	3105	24 July	..	..
Newton and Son, J...	Kaiwarra, N.Z.	2	3151	23 Aug.	80	13 Sept.
New Zealand Coal and Oil Company, Limited	Dunedin	47	3079	16 July	65	19 July.
Ogden's, Limited	Liverpool and Sydney	45	3084	2 July	59	5 July.
Ogden's, Limited	Liverpool and Sydney	45	3178	12 Sept.	83	27 Sept.
Partridge, H. E.	Auckland	48	3088	16 July	65	19 July.
Pidgeon and Co., Limited, E. W.	Christchurch	22	3111	30 July	77	30 Aug.
Player and Sons, Limited, J.	Nottingham	45	3180	12 Sept.	87	11 Oct.
Portal, Dingwall, and Norris	London	43	3160	4 Sept.	80	13 Sept.
Reeves and Co., E.	Wellington	42	3194	27 Sept.	87	11 Oct.
Robins, A., and another	Auckland	50	3123	7 Aug.	73	16 Aug.
Ronuk, Limited	Brighton, Eng.	50	3191	19 Sept.	83	27 Sept.
Roseman, S. G.	Auckland	50	3197	28 Sept.	87	11 Oct.
Rutty, M.	Sydney	45	3181	12 Sept.	..	..

LIST OF APPLICANTS FOR REGISTRATION OF TRADE MARKS—continued.

Name.	Address.	Class.	Application.		Gazette.	
			No.	Date.	No.	Date.
Sanitarium Health Foods Company ..	Papanui, N.Z. ..	42	3173	5 Sept. ..	80	13 Sept.
Scott, J. ..	Invercargill ..	3-4	2986-7	23 March ..	69	2 Aug.
Scouler and Co., W. ..	Dunedin ..	42	3101	23 July ..	77	30 Aug.
Stock, W. ..	Hastings ..	42	3094	19 July ..	80	13 Sept.
Thompson and Hills ..	Auckland ..	42	3060	10 Aug. ..	83	27 Sept.
Thompson and Hills ..	Auckland ..	42	3093	16 July ..	69	2 Aug.
Toby, E. F. ..	Christchurch ..	37	3075	27 June ..	69	2 Aug.
Turnbull and Co., W. and G. ..	Wellington ..	3	3174	5 Sept. ..	..	..
Turnbull and Co., W. and G. ..	Wellington ..	42	3177	10 Sept. ..	83	27 Sept.
Union Oil, Soap, and Candle Company, Limited	Auckland ..	47	3131	21 Aug. ..	77	30 Aug.
Vinolia Company, Limited ..	London ..	2, 47	3127-8	17 Aug. ..	77	30 Aug.
Virginia Tobacco Company. (See I. and E. Ludski, M. Lichtenstein, and L. Arnoldson.)	..	..	..	..	..	..
Virol, Limited ..	London ..	42	3121	2 Aug. ..	73	16 Aug.
Von Bodenhausen, Dr. F. E. ..	Berlin ..	42	2992	30 Mar. ..	73	16 Aug.
Warnock Bros. ..	Auckland ..	47	3133	21 Aug. ..	77	30 Aug.
Waters, T. F. ..	Wanganui ..	50	3087	13 July ..	..	..
Watts, G., and another ..	Cambridge, N.Z. ..	42	3184	14 Sept. ..	83	27 Sept.
Whitecross Company, Limited, The ..	Warrington, Eng. ..	5	3091	16 July ..	65	19 July.
Williams Company, T. G. ..	Richmond, Va., U.S.A. ..	45	3161	4 Sept. ..	80	13 Sept.
Wilson and Co., R. ..	Dunedin ..	3	3185	14 Sept. ..	83	27 Sept.
Wyllie and another, A. R. ..	Auckland ..	50	3123	7 Aug. ..	73	16 Aug.

By Authority: JOHN MACKAY, Government Printer, Wellington.