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Note.—Throughout this Gazette the names in Italies within parentheses are those of Communicators of Inventions.

Complete Specifications.

Patent Office, Perth, 29th November, 1901.

OTICE is hereby given that the undermentioned Applications for the Grant of Letters Patent, and the complete Specifications annexed thereto, have been accepted, and are now open to public inspection at this Office.

Any person or persons intending to oppose any of such applications must leave particulars, in writing, in duplicate (on Form D), of his or their objections thereto, within two calendar months from the first appearance of this advertisement in the Western Australian Government Gazetie. A fee of Ten shillings (10s.) is payable with such notice.

No. 3635.—Evan Henry Hopkins, of 32 Redeliffe Square, South Kensington, in the County of Middlesex, England, Člerk in Holy Orders, "Improved Process for obtaining Zinc."—Dated 12th October, 1901.

- 1. The process of obtaining zinc free from lead, from mixtures of the oxides of zinc and lead, such as are obtained by roasting lead-zinc sulphide ores, by heating the oxides mixed with carbonaceous material in a closed retort, and passing the products of distillation through carbon heated to incandescence.
- 2. The process for obtaining zinc substantially as described. Specification, 4s. Drawings on application.
 - Application No. 3638.—Francis James Odling, of No. 2 Prince's Walk, Prince's Bridge, Mining Engineer, and WILLIAM JAMIESON, Gentleman, of 31 Queen Street, both of Melbourne, Victoria, "An improved apparatus for sifting or sizing pulverised ores or other finely divided substances." -Dated 13th November, 1901.

- 1. In an apparatus for the purpose specified a suitably supported conically dished sifting or sizing appliance as A having its operative surface Λ^1 perforated or meshed and provided with a central discharge a^i , said appliance having a gyratory motion imparted to it by a weighted disc $F^1 F^2$ rotating on the dish spindle above the dish substantially as described and illustrated.
- 2. In an apparatus for the purpose specified a conically dished sifting or sizing dish A formed of an annular rim or ring a¹ having a flat seating surface a under it, radial ribs or arms a³, central boss a², central discharge opening a⁴ and the perforated or meshed material A¹ covering open surface between the outer ring and central discharge above the said ribs or arms substantially as described and illustrated.
- 3. In an apparatus for the purpose specified the conically dished sifting or sizing appliance A having its surface A^1 perforated or meshed and provided with a central discharge a^4 and a central pivotal spindle

B combined with the hopper E rotatable on spindle B and provided with radial feed pipes \mathbf{E}^z , the sleeve disc F, \mathbf{F}^1 having a weight \mathbf{F}^2 at one side and designed to rotate on upper part of spindle B and the rubber or other cushion D upon which dish A is seated substantially as described and illustrated.

- 4. In an apparatus for the purpose specified the combination of the conically dished sifting or sizing appliance Λ-Λ¹ provided with a central discharge a¹ and with a peripherical feed appliance, the central spindle B provided with pivotal cup b and flange b¹ at its lower end, weighted rotating disc F¹-F², flexible shaft F³, disc driving spindle F³, dish seating cushion D supported in an adjustable ring D¹, the spherical head adjustable bolt B¹, the holding bolts b², the rubber washers b³ between bolt heads and disc and the bed plate C substantially as described and illustrated.
- 5. In an apparatus fur the purpose specified the combination of the conically dished sifting or sizing appliance as A, A¹ to which a gyratory motion is imparted, the pheripherical cushion D carried by a ring D¹ supported on adjustable pillars D², the spherical head adjustable pivot or bolt B¹ which receives the cup at lower part of dish spindle B, the bolts b², the heads of which bear on rubber washers above flange b¹, the bed plate C and casing C¹ substantially as described and illustrated.
- 6. The improved apparatus for the purpose specified having the several improvements hereinbefore claimed combined, arranged and assembled in it substantially as described and illustrated.

Specification, 8s. 6d. Drawings on application.

Application No. 3639.—EDWARD WATERS, jun., of 414-418 Collins Street, Melbourne, Victoria (The Linotype Company, Limited), "Improvements in the Moulds and Casting Mechanisms of Linotype Machines."—Dated 13th November, 1901.

- Claims:

 1. The combination of mould-carrier adapted to carry either a normal linotype mould-block or a fudge linotype mould-block; reciprocating metal-pot adapted to make metal-tight contact with the mould-block on the mould-carrier; can adapted to move the nozzle of the metal-pot up to the mould-block; compound antifriction roller on the metal-pot and having two peripheries of different diameters corresponding respectively with the distances which the nozzle of the metal-pot must be moved to make the contact above mentioned; and means for locking the said roller with either of its peripheries running on the said cam.

 2. The combination of mould-carrier adapted to carry either a normal mould-block or a fudge linotype mould-block; reciprocating metal-pot adapted to make metal-tight contact with the mould-block on the mould-carrier; cam adapted to move the nozzle of the metal-pot and having two peripheries of different diameters corresponding respectively with the distances which the nozzle of the metal-pot and having two peripheries of different diameters corresponding respectively with the distances which the nozzle of the metal-pot and having two peripheries of different diameters corresponding respectively with the distances which the nozzle of the metal-pot mate the nozzle of the metal-pot mate
- for locking the said roller in its adjusted position.

 3. The combination of mould-carrier; mould-block thereon standing at a little distance therefrom and thereby establishing a clear space between them; knife adapted to trim the foot of the linotype by being held with its edge in the proper plane; and means for moving the untrimmed foot of the linotype past the said edge.

 4. The combination of mould-carrier adapted to carry either a normal linotype mould-block or a fudge linotype mould-block; reciprocating metal-pot adapted to make metal-tight contact with the mould-block on the mould-carrier; cam adapted to move the nozzle of the metal-pot up to the mould-block; compound antifriction roller on the metal-pot and having two peripheries of different diameters corresponding respectively with the distances which the nozzle of the metal-

pot must be moved to make the contact above mentioned; means for locking the said roller with either of its peripheries running on the said cam; mould-block on the said mould-carrier, standing at a little distance therefrom and thereby establishing a clear space between them; lenife adapted to trim the foot of the linotype by being held with its edge in the proper plane; and means for moving the untrimmed foot of the linotype past the edge.

5. The combination of a mould-carrier adapted to carry either a

- edge in the proper plane; and means for moving the untrimmed foot of the linotype past the edge.

 5. The combination of a mould-carrier adapted to carry either a normal linotype mould-block; or a fudge linotype mould-block; reciprocating metal pot adapted to make metal-tight contact with the mould-block on the mould-arrier; cam adapted to move the nozzle of the metal-pot up to the mould-block; compound antifriction roller on the metal pot having two peripheries of different diameters corresponding respectively with the distances which the nozzle of the metal pot must be moved to make the contact above-mentioned and capable of adjustment upon its axle to put either periphery on the said cam; means for locking the said roller in its adjusted position; mould-block on the said mould-carrier, standing at a little distance therefrom and thereby establishing a clear space between them; knife adapted to trim the foot of the linotype by being held with its edge in the proper plane; and means for moving the untrimmed foot of the linotype past the said edge.

 6. The combination with the metal-carrier, the metal-pot and cam described, of the modification in respect of the antifriction roller and locking device illustrated in figures 8 to 10 and described therewith.

 7. The combination with the mould-carrier, the metal-pot and cam described, of the modification in respect of the antifriction roller and locking device illustrated in figures 11 to 14 described therewith.

 8 pecification, 17s. 6d. Drawings on application.

 Application No. 3641.—Thorsyald Tage Agathon

Application No. 3641.—Thorvald Tage Agathon HANSEN, Civil Engineer, St. Jorgens Allé 7, Copenhagen, and CARL CHRISTIAN FREDERICK FERDINAND PETERSEN, Mechanic, of Thuresensgade 10, Copenhagen, Denmark, "Improvements in Accumulators for Secondary Batteries."-Dated 15th November, 1901.

- Claims:—
 1. An electrode for a secondary or storage battery or electric accumulator, consisting of two sets of thin lead plate: which cross one another at right angles and are soldered together.
 2. An electrode for a secondary battery built up of two sets of plates which cross one another at right angles by providing slits in one set of plates to receive the other set which has no slits, substantially as described.
- 3. An electrode for a secondary battery built up of two sets of plates which cross one another at right angles, each set being provided with slits in half their lengths for the insertion of each one within the other, substantially as described.

Specification, 5s. 6d. Drawings on application.

Application No. 3642. — MARIAN ELIZABETH Sparrow, of Perth, Western Australia (Benjamin Garver Lamme), "Improvements relating to the Regulation and Distribution of Electric Currents."—Dated 15th November, 1901.

Claims:

- Claims:—

 1. An arrangement for converting alternating electric currents into direct currents by means of a rotary transformer and an induction motor, the rotatable members of these machines being mechanically coupled together by gearing or otherwise, and the primary windings of the motor being supplied with alternating currents, either in series with the armature windings of the transformer, or from stationary transformers in series with said armature windings, the motor being arranged so as to operate at another speed than synchronous speed.

 2. The arrangements for converting alternating currents into direct currents substantially as described with reference to the accompanying drawings.

 Specification, 6s. Drawings on application.

Specification, 6s. Drawings on application.

Application No. 3643.—Marian Elizabeth Sparrow, of Perth, Western Australia (Benjamin Garver Lamme), "Improvements in Windings for Electrical Machines."—Dated 15th November, 1901.

- 1. A winding for electrical machines having closed or partially closed core slots comprising a plurality of coils each of which has one end bent at an angle to its sides before insertion into the slots, the other end being approximately straight and connected after insertion into the slots so as to form a continuous winding substantially as described.
- 2. For an electrical machine having partially closed slots, a two phase winding comprising a plurality of coils those for one phase being inserted into the slots from one end of the core and those for the other phase being inserted into the slots from the other end of the core substantially as described.
- 3. A winding for electrical machines constructed and arranged substantially as described with reference to any of the forms shown in the accompanying drawings.

Specification, 6s. 6d. Drawings on application.

Application No. 3644.—Marian ELIZABETH Perth, Western Australia SPARROW, of(Benjamin Garver Lamme), "Improvements in Windings for Electrical Machines."—Dated 15th November, 1901.

A bar winding for electrical machines, the bars of which are arranged close together in groups in the core slots in such a manner that there is a minimum difference of potential between the bars of the same group, the ends of the bars being spread apart so that end connectors may be attached for completing the winding, substantially as described.

Specification, 3s. Drawings on application.

Application No. 3646.—John Albert Blackall Wesley, of Gawler, South Australia, Engineer, "An improved Fish Bolt."—Dated 16th November, 1901.

- 1. An improved fish bolt, the shank or body of which consists essentially of a coiled, bent, or helical spring, substantially as herein described.
- 2. An improved fish bolt, the shank or body of which consists throughout of a coiled, bent or helical spring, the outer end being provided with an attachment in such manner that the coils expand within the nut when under tension and form a locking device.

Specification, 4s. Drawings on application.

Application No. 3647.—MURRAY CORRINGTON, of 40 Wall Street, New York, United States of America, Engineer, "Improvements in Automatic Fluid-pressed Brake Apparatus."—Dated 16th November, 1901.

- 1. In an automatic fluid pressure brake mechanism, the combination with a train pipe, an auxiliary reservoir and a brake cylinder, of a primary piston and valve controlling the release of air from said cylinder and a means for causing said piston and valve to move to release position, which consists of a valve device for opening an exhaust passage from one side of the primary piston and at the same time closing the passage by which fluid pressure is normally supplied to the same side of the said piston.
- 2. In an automatic fluid pressure brake mechanism, the combination, with a train pipe, an auxiliary reservoir, a brake cylinder, and a recharging passage for charging air from the train pipe to the reservoir while the brakes are applied, of a primary piston and a valve controlling the release of the brakes and a means for causing said piston and valve to move to release position, which consists of a valve device for opening an exhaust passage from one side of said primary piston and at the same time preventing the pressure which flows through said recharging passage from getting to the same side of the said piston.

 3. In an automatic fluid pressure brake system, norts and passages
- passage from getting to the same side of the said piston.

 3. In an automatic fluid pressure brake system, ports and passages in the triple valve adapted to register with ports and passages in a side plate bolted on to said triple valve casing or with ports and passages in a valve mechanism attachment to be bolted on to the triple valve casing in place of said side plate, so that with the side plate in position on the triple valve casing the brakes may be operated in the usual way and released during the recharging of the auxiliary reservoirs, but when said valve mechanism attachment is bolted to the triple valve casing in place of the side plate the auxiliary reservoirs may be recharged while the brakes are on and the brakes may be positively released after the auxiliary reservoirs are so recharged, substantially as set forth.
- 4. In an automatic brake mechanism, means whereby the auxiliary reservoirs can be charged when the brakes are applied and the brakes released after the reservoirs are charged, substantially as herein described with reference to the drawings annexed.

Specification, £2 6s. Drawings on application.

MALCOLM A. C. FRASER, Registrar of Patents.

Patent Office, Perth, 22nd November, 1901.

OTICE is hereby given that the undermentioned Applications for the Grant of Letters Patent, and the complete Specifications annexed thereto, have been accepted, and are now open to public inspection at this Office.

Any person or persons intending to oppose any of such applications must leave particulars, in writing, in duplicate (on Form D), of his or their objections thereto, within two calendar months from the first appearance of this advertisement in the Western Australian Government Gazette. A fee of Ten shillings (10s.) is payable with such notice.

For particulars of claims, vide Gazette No. 47, 22nd November, 1901.

Application No. 3284.—Francis Zimmerli, of 99 Cannon Street, London, E.C., England, Bootmaker, "A new or improved Fluid for washing Clothes and other Materials." — Dated 26th January, 1901.

Specification, 1s. 6d.

Application No. 3445.—Thomas Henry Eatt, of Norseman, Western Australia, Blacksmith, "Improved Incinerator for the Destruction of Nightsoil, Garbage, and such-like."—Dated 29th June, 1901.

Specification, 4s. Drawings on application.

Application No. 3606.—David Laird, of Forfar, Scotland, Engineer and Metallurgist, "Improvements in or connected with Smelting Furnaces."— Dated 22nd October, 1901.

Specifications, 3s. Drawings on application.

Application No. 3611.—Thomas Paterson, of No. 100 Rathmines Road, Auburn, Victoria, Gentleman (Assignee of John Colquhoun-Thomson), "Improved Centrifugal Quartz and Sand Crushing Mill."—Dated 22nd October, 1901. Specification, 5s. Drawings on application.

Application No. 3612.—FREDERICK GALE, of High Street, Lancefield, Victoria, Engineer, and Johnston Hemphill, of Lancefield aforesaid, Farmer, "Improvements in Simultaneous Sowing, Manuring, and Harrowing Attachments to Ploughs."—Dated 23rd October, 1901.

Specification, 7s. Drawings on application.

Application No. 3614.—James Roxburgh, of 10 Philipsburgh Avenue, Fairview, Dublin, Ireland, Manager of Printing Works, and Robert McClean, of 35, 36, and 37 Great Strand Street, Dublin, Ireland, Master Printer, "Improvements relating to the utilization of Linotype Slugs or lines of type for printing tabular matter."—Dated 24th October, 1901.

Specification, 6s. Drawings on application.

Application No. 3616.—ROBERT MELVILLE SCOTT, of the Boulevard, Strathfield, near Sydney, New South Wales, Contractor, "Improvements in and relating to the combined construction of Ships and their Screw Propellers."—Dated 29th October, 1901.

Specification, 15s. 6d. Drawings on application.

Application No. 3621.—The Smethurst Furnace and Ore Treatment Syndicate, Limited, of 3 Great Winchester Street, London, E.C., England (Assignee of William Smethurst), "A new and useful improved Gravitation Concentrator for Ores and Slimes."—Dated 5th November, 1901.

Specification, 4s. 6d. Drawings on application.

Application No. 3624.—RENDROCK POWDER Co., of 128 Broadway, New York, United States of America (Assignee of William Angus Gill), "Improvements in Explosive Compounds."—Dated 5th November, 1901.

Specification, 3s. 6d.

Application No. 3632.— CHARLES HARRISON WARD, of Sydney, New South Wales, Metallurgist, "Improvements in the Extraction of Metals from Complex Ores, and particularly from Complex Ores containing Tin." Dated 7th November, 1901.

Specification, 16s.

Application No. 3633.—FREDERICK WILLIAM MARTINO, of 21 Parker's Road, Broomhill, Sheffield, England, Manufacturer, "An improved Barium Compound, its method of manufacture, and its application in the Extraction of the Noble Metals."—Dated 7th November, 1901. Specification, 4s. 6d.

Application No. 3636.—Henry Durell Crippen, of 231 West 96th Street, New York, U.S.A., Manufacturer (Assignee of George Seymour Maxwell), "Improvements in and relating to Rock Drills."—Dated 12th November, 1901.

Specifications, £2 7s. Drawings on application.

Application No. 3637.—Edwin Dodd, of 95 Waymouth Street, Adelaide, South Australia, Coachbuilder, "An improved Automatic Coupler for Shafts, Shackles, and like purposes."—Dated 13th November, 1901.

Specification, 4s. 6d. Drawings on application.

Application No. 3645.—The Baron Cigarette Machine Company, Limited, of 4 to 6 St. James's Place, London, England (Assignee of Bernhard Baron), "Improved Process and Apparatus for the Manufacture of Cigarettes."—Dated 15th November, 1901.

Specifications, £3 1s. Drawings on application.

MALCOLM A. C. FRASER,
Registrar of Patents.

Patent Office, Perth, 15th November, 1901.

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For particulars of claims, vide Gazette No. 46, 15th November, 1901.

Application No. 3617.—Jules Edmond de Stoutz and Joseph Bennetts, of King Solomon's Gold Mines, Coolgardie, in the State of Western Australia, Mining Engineers, "Improvements in Sluicing Barges."—Dated 2nd November, 1901. Specification, 6s. 6d. Drawings on application.

Application No. 3618.—Marian Elizabeth Sparrow, of Perth, Western Australia (F. B. Gilbreth), "Improvements in Concrete Mixers."—Dated 2nd November, 1901.

Specification, 12s. 6d. Drawings on application.

Application No. 3620.—Austral Nail Company Proprietary, Limited, of corner of Ferrars and Lorimer Streets, South Melbourne, in the State of Victoria and Commonwealth of Australia (Assignee of John Gibson), "Improvements in Barbed Wire Machines."—Dated 5th November, 1901.

Specification, 6s. 6d. Drawings on application.

Application No. 3623.—Edward Waters, jun., of Nos. 414-418, Collins Street, Melbourne, in the State of Victoria (F. G. Pirie and F. Sharman), "Improvements in or relating to Apparatus for Storing, Measuring, and Delivering Aerated Liquids."—Dated 5th November, 1901.

Specification, 5s. Drawings on application.

Application No. 3626.—J. Barre Johnston & Company, of Sydney, in the State of New South Wales, Australia, Merchants (Best Street Light Co.), "Improved Incandescent Burner for Oil Lamps."—Dated 5th November, 1901.

Specification, 6s. 6d. Drawings on application.

Application No. 3627.—ROBERT SANDS, of No. 374 George Street, Sydney, in the State of New South Wales, Commonwealth of Australia, Manufacturing Stationer, "Improvements in self-feeding mechanism for Punching Presses for paper, cardboard, or other suitable materials."—Dated 5th November, 1901.

Specification, 6s 6d. Drawings on application.

Application No. 3628.—William Edwin Hardeman, of 94 Pelham Street, Carlton, in the State of Victoria, storeman, "Improvements in and relating to Structures adapted to open and close vertically, such as windows."—Dated 5th November, 1901.

Specification, 13s. Drawings on application.

Application No. 3630.—HARRY EDWARD GRES-HAM, Engineer, of Craven Iron Works, Salford, Manchester, in the County of Lancaster, England, "Improvements in or application to Steam Sanding Apparatus for Railways."—Dated 6th November, 1901.

Specification, 16s. Drawings on application.

Application No. 3634.—Edward Chester & Co., Limited, of 120 Bishopsgate Street Within, in the City of London, England, Engineers (Assignee of E. D. Chester), "Improvements in the construction of Tanks."—Dated 7th November, 1901.

Specification, 10s. Drawings on application.

MALCOLM A. C. FRASER,

Registrar of Patents.

Patent Office, Perth, 8th November, 1901.

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For particulars of claims, vide Gazette No. 45, 8th November, 1901.

Application No. 3582.—WILLIAM PATRICK, of Cue, Western Australia, Merchant, "An improved Acetylene Gas Generator."—Dated 8th October, 1901.

Specification, 6s. Drawings on application.

Application No. 3587.—George Garibaldi Turri, of Salisbury Buildings, Queen Street, Melbourne, Victoria, Patent Agent (George Gregory Smith), "Acetylene Gas Generator."—Dated 8th October, 1901.

Specification, 16s. 6d. Drawings on application.

Application No. 3594.—August Scheidel, of the Union Club, Sydney, New South Wales, Engineer, "Process for the Extraction of Metals out of their Ores by continuous lixiviation and washing."—Dated 15th October, 1901.

Specification, 7s. 6d. Drawings on application.

Application No. 3601. — LAWRENCE WALTER LUELLEN, Engineer, of Olathe, in the County of Johnson and State of Kansas, United States of America, "Improvements in Voting Machines." —Dated 17th October, 1901.

Specification, £1 5s. Drawings on application.

Application No. 3602.—Baron Victor Barretto, J.P., 99 Cannon Street, London, E.C., England, "Improvements in the process of manufacturing Building Blocks or Bricks, and apparatus for use therewith."—Dated 19th October, 1901.

Specification, 6s. 6d. Drawings on application.

Application No. 3604.—David Laird, of Forfar, in the County of Forfar, Scotland, Engineer, and Metallurgist, "An improved furnace for the Cupellation of Precious Metals, and for Oxydising and Reducing Ores."—Dated 22nd October, 1901. Specifications, 4s. Drawings on application.

Application No. 3605.—DAVID LAIRD, of Forfar, in the County of Forfar, Scotland, Engineer and Metallurgist, "An improved Retort Furnace."—Dated 22nd October, 1901.

Specification, 4s. Drawings on application.

Application No. 3607.—David Laird, of Forfar, Scotland, Engineer and Metallurgist, "An improved Furnace for heating, evaporating, or concentrating Infusions, Solutions, and Liquids."—Dated 22nd October, 1901.

Specifications, 3s. 6d. Drawings on application.

Application No. 3608.—Edward Waters, jun., of 414–418 Collins Street, Melbourne, Victoria (The Linotype Co., Limited), "Improvements in apparatus for feeding sheets to the tape drums or their equivalents of Printing and other Machines dealing with Sheets."—Dated 22nd October, 1901. Specifications, £1 6s. Drawings on application.

Application No. 3609.—John Collins Clancy, Analytical Chemist and Metallurgist, of Collins Street, Melbourne, Victoria, "An improved process for the Manufacture of White Lead (basic carbonate of lead) from Lead Ores."— Dated 22nd October, 1901.

Specifications, 6s. Drawings on application.

Application No. 3610.—Edmund Paul Dignan, of Wilmington, South Australia, Machinist, "An improved Metal Wheel Nave for Suspension Spokes."—Dated 22ud October, 1901.

Specification, 3s. Drawings on application.

MALCOLM A. C. FRASER, Registrar of Patents.

> Patent Office, Perth, 1st November, 1901.

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For particulars of claims, vide Gazette No. 44, 1st November, 1901.

Application No. 3555.—Gustave A. Overstrom, citizen of the United States, of 311 Maple Street, Anaconda, County of Deerlodge, State of Montana, United States of America, Mining Engineer, "Ore Concentrating Tables."—Dated 24th September, 1901.

Specification, 15s. Drawings on application.

Application No. 3558.—Charles Rodgers, of 24 Gellibrand Street, Kew, in the State of Victoria, and Commonwealth of Australia, Manufacturing Chemist; and Alice Mary Oswald, of "Merton," Orong Road, Caulfield, in the said State of Victoria, gentlewoman, "Improved process for the Extraction and Recovery of Zinc from Sulphide Ores or Tailings."—Dated 24th September, 1901.

Specification, 4s. 6d.

Application No. 3562.—Marcus Ruthenburg, of Hotel Imperial, Eleventh and Filbert Streets, Philadelphia, County of Philadelphia, United States of America, Consulting Engineer, "Improvements in Methods of an Apparatus for Agglomerating Comminuted Ores and Concentrates."—Dated 24th September, 1901.

Specification, 6s. 6d. Drawings on application.

Application No. 3564.—CHARLES HARRISON WARD, of Australia Hotel, Sydney, in the State of New South Wales, Metallurgist, "Improvements in the treatment of Sulphide and Complex Ores."—Dated 24th September, 1901. Specification, 11s. 6d. Drawings on application.

Application No. 3565. - Charles Harrison Ward, of Australia Hotel, Sydney, in the State of New South Wales, Metallurgist, "An improved process of treating Oxidised, Sulphated, or Chloridised Ores for the extraction of metals and metallic products therefrom."—Dated 24th September, 1901.

Specification, 11s. 6d.

Application No. 3581.—RICHARD HOLMES, of Perth, Merchant, "Improved Fastenings and Joint Rings for Sheet Metal and other Pipes."— Dated 7th October, 1901.

Specification, 6s. 6d. Drawings on application.

Application No. 3595.—MARK KNIGHT WESCOTT, of Imperial Chambers, Collins Street, Melbourne, in the State of Victoria, Commonwealth of Australia, Corn Broker, "Improved method of and apparatus for compressing Fodder."—Dated 15th October, 1901.

Specification, 3s. 6d.

MALCOLM A. C. FRASER, Registrar of Patents.

Patent Office, Perth, 25th October, 1901.

OTICE is hereby given that the undermentioned Applications for the Grant of Letters Patent, and the Complete Specifications annexed thereto, have been accepted, and are now open to public inspection at this Office.

Any person or persons intending to oppose any of such applications must leave particulars, in writing, in duplicate (on Form D), of his or their objections thereto, within two calendar months from the first appearance of this advertisement in the Western Australian Government Gazette. A fee of Ten shillings (10s.) is payable with such notice.

For particulars of claims, vide Gazette No. 43, 25th October, 1901.

Application No. 3567.—William John Robinson, Corn Miller, and Henry Higgins, Foreman Miller, both of the Provost Oat Mills, Annan, Dumfriesshire, Scotland "Improvements in or relating to the Drying of Grain and the like."—Dated 25th September, 1901.

Specification, 18s. Drawings on application.

Application No. 3568.—HARRY EDWARD GRES-HAM, of Craven Iron Works, Salford, Manchester, in the County of Lancaster, England, Engineer, "Improvements in arrangements to enable signals to be given by Passengers in Railway Trains to Drivers or Guards of same." – Dated 25th September, 1901.

Specification, 7s. Drawings on application.

Application No. 3569.—RICHARD SPARROW, of Perth, Western Australia, Licensed Patents Agent (Frank Clarence Newell), "Improvements in electric braking apparatus for Electrically Propelled Vehicles."—Dated 25th September, 1901.

Specification, 12s. 6d. Drawings on application.

Application No. 3570.—Constantine Alex-ANDER HEGE, of Salem, in the County of Forsyth, State of North Carolina, United States of America, Engineer, "Machine for Cutting Relitroat Cross-ties."—Dated 27th September,

Specification, £1 5s. Drawings on application.

Application No. 3573.—John Mitchell, of the City of Auckland, in the Provincial District of Auckland, and Colony of New Zealand Architect, "An improved Lcg-guard."—Dated 1st October, 1901.

Specification, 8s. 6d. Drawings on application.

Application No. 3574.—Walter Bills, of Miller Street, South Melbourne, in the State of Victoria, Commonwealth of Australia, Wire-Weaver, "Improved Coiler for Wire-Weaving Machines."—Dated 1st October, 1901.

Specification, 2s. Drawings on application.

Application No. 3575.—Walter Pethybridge, of 3 Rhodesia Road, Clapham Rise, London, in the Kingdom of Great Britain, Assayer and Analytical Chemist, "Improvements in the treatment of Telluride Gold Ores."—Dated 1st October, 1901.

Specification, 5s. 6d. Drawings on application.

Application No. 3576.—OSBORNE WALL, of the town of New Plymouth, in the Provincial District of Taranaki, in the Colony of New Zealand, Gunsmith, and ROBERT CLINTON HUGHES, of the same place, Solicitor, "An Improved Fountain Pen."—Dated 1st October, 1901.

Specification, 4s. 6d. Drawings on application.

Application No. 3578.—WILLIAM HUMBLE, of the Vulcan Foundry, Little Malop Street, Geelong, in the State of Victoria, Engineer, "An improved machine for making furrows and distributing poisoned grain or pasty material therein."—Dated 3rd October, 1901. Specification, 5s. 6d. Drawing on application.

Application No. 3579.—RICHARD SPARROW, Perth, Western Australia, Licensed Patents Agent (Frank Clarence Newell), "Improvements in Electric Heating Systems for Cars."—Dated 3rd October, 1901

Specification, 5s. Drawings on application,

MALCOLM A. C. FRASER, Registrar of Patents.

Patent Office, Perth, 18th October, 1901.

TOTICE is hereby given that the undermentioned Applications for the Grant of Letters Patent, and the complete Specifications annexed thereto, have been accepted, and are now open to public inspection at this Office.

Any person or persons intending to oppose any of such applications must leave particulars, in writing, in duplicate (on Form D), of his or their objections thereto, within two calendar months from the first appearance of this advertisement in the Western Australian Government Gazette. A fee of Ten shillings (10s.) is payable with such notice.

For particulars of claims, vide Gazette No. 42, 18th October, 1901.

Application No. 3531.—Archibald Drummond Carmichael, of Argent Street, and Leslie Bradford, of William Street, both of Broken Hill, New South Wales, Metallurgists, "Improvements in the desulphurising of Sulphide Ores preparatory to Smelting."—Dated 10th September, 1901.

Specification, 7s.

Application No. 3552.—Thomas Darlington, of 261 and 263 Moray Street, South Melbourne, Victoria, Builder, "Improved means for Ventilating Buildings."—Dated 24th September, 1901.

Specifications, 4s. Drawings on application.

Application No. 3554—Samuel Richard Stedman, Mechanical Engineer; James Cordner Burrowes, Merchant, and John McNarry, Blacksmith, all of Dunedin, New Zealand, "Improvements in Traps for Catching Rats, Rabbits, and the like."—Dated 24th September, 1901.

Specification, 2s. Drawings on application.

Application No. 3556.—WILLIAM CARTER BRAY, of Hackney, South Australia, Printer, "A New or Improved Interchangeable Book Cover, and Book Heel to be used in connection therewith."—Dated 24th September, 1901.

Specification, 7s. 6d. Drawings on application.

Application No. 3557.—Daniel Hurst, of 100B Queen Victoria Street, London, E.C., Sanitary Engineer, "Improved Tube and Hose Joint."— Dated 24th September, 1901.

Specification, 3s. 6d. Drawings on application.

Application No. 3559.—HERBERT ABBOTT, of Balmain, near Sydney, New South Wales, Engineer, "Improvements in or relating to certain descriptions of Steam Generators for facilitating Combustion and Consuming Smoke."—Dated 24th September, 1901.

Specification, 4s. Drawings on application.

Application No. 3560.—Frank Gold, of 95 Palmer Street, Richmond, Victoria, Nail Manufacturer, "An improved Combination Reinforced Bearing Ring, and an enlarged integral Mushroom Head and integral Elevated Striking Centre on a nail for securing Corrugated Iron."— Dated 24th September, 1901.

Specification, 5s. Drawings on application.

Application No. 3561.—Lewis Stewart Blair, of City Road, South Melbourne, Victoria, Glass Merchant (Alfred Griffiths), "Improvements in Machinery to be employed in connection with the Shaping and Bevelling of Glass Plates."— Dated 24th September, 1901.

Specification, 16s. 6d. Drawings on application.

Application No. 3563, RAND DRILL COMPANY, of 128 Broadway, New York, United States of America (Assignee of Robert Lunnan Ambrose), "Improvements in valveless Rock Drills."—Dated 24th September, 1901.

Specification, 16s. 6d. Drawings on application.

MALCOLM A. C. FRASER, Registrar of Patents.

> Patent Office, Perth, 11th October, 1901.

NOTICE is hereby given that the undermentioned Applications for the Grant of Letters Patent, and the Complete Specifications annexed thereto, have been accepted, and are now open to public inspection at this Office.

Any person or persons intending to oppose any of such applications must leave particulars, in writing, in duplicate (on Form D), of his or their objections thereto, within two calendar months from the first appearance of this advertisement in the Western Australian *Government Gazette*. A fee of Ten shillings (10s.) is payable with such notice.

For particulars of claims, vide Gazette No. 41, 11th October, 1901.

Application No. 3408.—John Felix Martin, of Gawler, South Australia, Engineer, "Improvements in Cocks and Taps."—Dated 24th May, 1901.

Specification, 3s. Drawings on application.

Application No. 3471.—Edwin Hancox, of 8 Dixon Street, Stockton-on-Tees, England, "Improvements in Machinery or Apparatus for closing the Locking Bar or Bars used in the construction of certain kinds of Rivetless Pipes."—Dated 5th May, 1900.

Specifications, £13s. Drawings on application.

Application No. 3472.—Edwin Hancox, of 8
Dixon Street, Stockton-on-Tees, England, "Improvements in Machinery or Apparatus for Bending and Forming Dovetail Edges on Plates to be used in the Manufacture of Rivetless Pipes."—Dated 5th May, 1900.

Specifications, 9s. Drawings on application.

Application No. 3511.—George Westinghouse, of Westinghouse Building, Pittsburg, Pennsylvania, United States of America, Manufacturer (assignee of William John Knox), "Improvements in or relating to the process and apparatus for the Manufacture of Gas."—Dated 20th August, 1901.

Specification, £15s. Drawings on application.

Application No. 3512.—George Westinghouse, of Westinghouse Building, Pittsburg, Pennsylvania, United States of America, Manufacturer (assignee of William John Knox), "Improvements relating to the Supply of Heat to Receptacles such as coking ovens, annealing ovens, and the like."—Dated 29th August, 1901.

Specification, 8s. 6d. Drawings on application.

Application No. 3527.—RICHARD SPARROW, of Perth, Western Australia, Licensed Patents Agent (William Chapman), "Improvements in supporting Conductors in Conduit Systems of Electric Railways."—Dated 5th September, 1901. Specification, 3s. 6d. Drawings on application.

Application No. 3530.—Alfred Brake, of 80 Abbeyville Road, Clapham, in the County of London, England, Aerated Water Manufacturer, "Improvements in Apparatus for drawing off Liquids."—Dated 20th September, 1901.

Specification, £3 10s. Drawings on application.

Application No. 3533. — George Augustine Taylor, of Paddington, near Sydney, in the State of New South Wales, Artist, and William Macleon, of Botany Street, Waverley, near Sydney aforesaid, Manager of the Bulletin Newspaper Company, Limited (Assignees of George Augustine Taylor and Alexander Knox), "An improved Fibrous Plaster."—Dated 11th September, 1901.

Specification, 5s. Drawings on application.

Application No. 3534.—George John Hoskins and Charles Henry Hoskins, of Sydney, New South Wales, Engineers, "Improved Apparatus for making Cores for Cylindrical Castings."—Dated 11th September, 1901.

Specification, 4s. Drawings on application.

Application No. 3535.—HAROLD SELIG MOZART, of Murray Street, Gawler, South Australia, Manufacturer, "An improved Generator for the production of Acetylene Gas."—Dated 11th September, 1901.

Specification, 13s. Drawings on application.

Application No. 3536.—Dr. Hermann Passow, of 11 Posthof, Hamburg, in the German Empire, Manager, "Improvements in the Manufacture of Cement."—Dated 11th September, 1901. Specification, 5s. 6d.

Application No. 3537.—ALEXANDER STANLEY ELMORE, of 4 Bishopsgate Street Within, in the City of London, England, Electro-metallurgist, "Improvements in the process and apparatus for separating Mineral substances by the selective action of Oil."—Dated 11th September, 1901.

Specification, Ss. Drawings on application.

Application No. 3538.—The Atlantic Acetylene Burner Company, of No. 15 Exchange Place, in Jersey City, in the State of New Jersey (Assignee of John Harris), "Improvements in Gas-burners."—Dated 11th September, 1901.

Specification, 18s. Drawings on application.

Application No. 3540.—WALTER SYDNEY BURT, of Albury, New South Wales, Bank Manager, "Means for Cleaning a Vessel's Hull."—Dated 11th September, 1901.

Specification, 12s. 6d. Drawings on application.

Application No. 3541.—MICHAEL LION LION, of Lion's Corner, Widegate Street, Bishopsgate, in the City of London, England, Manufacturer, and Thomas Cowburn, of Spring Villa, Brook Street, Gloucester, in the County of Gloucester, England, Engineer, "Improvements in the manufacture of Boots and Shoes, and fastenings and apparatus therefor."—Dated 11th September, 1901.

Specification, 12s. 6d. Drawing on application,

Application No. 3544.—Jean Vincent Emmanuel Thiollier, of 58 Rue Louriuel, Paris, in the Republic of France, Engineer, "Improved means for fixing Bolts, Screws, and similar articles in soft substances such as wood."—Dated 17th September, 1901.

Specification, 7s. 6d. Drawings on application.

Application No. 3546.—Thomas Edward O'Brien, of Narrabri West, in the State of New South Wales, Blacksmith, "An improved drilling machine."—Dated 17th September, 1901.

Specification, 3s. 6d. Drawings on application.

Application No. 3547.—Rufus Lenoir Patterson, Mechanical Engineer, resident of the City, County, and State of New York, United States of America, "Improvements in Closures for Bottles and other similar Receptacles."—Dated 17th September, 1901.

Specification, 9s. Drawings on application.

Application No. 3548.—WILHELM HENNEBERG, and HERMANN PAPE, of 36 Hohe Bleichen, Hamburg, in the German Empire, Engineers, "A process for electrolytically precipitating and simultaneously Amalgamating Metals in clear solutions, or such as still contain particles of ore."—Dated 19th September, 1901.

Specification, 4s. Drawings on application

Application No. 3549.—Edward Scharrer, of Cannstatt, Wurtemberg, in the Empire of Germany, Manufacturer, "Improvements in Beams or Rails for Loading and Unloading Goods and the like."—Dated 19th September, 1901.

Specification, 7s. 6d. Drawings on application,

Application No. 3550.—Dow Composing Machine Company, of Park Row Building, New York, U.S.A. (Assignee of Alexander Dow), "Typesetting and Justifying Machine."—Dated 20th September, 1901.

Specification, £15. Drawings on application.

MALCOLM A. C. FRASER, Registrar of Patents. Patent Office, Perth, 4th October, 1901.

OTICE is hereby given that the undermentioned Applications for the Grant of Letters Patent, and the Complete Specifications annexed thereto, have been accepted, and are now open to public inspection at this Office.

Any person or persons intending to oppose any of such applications must leave particulars, in writing, in duplicate (on Form D), of his or their objections thereto, within two calendar months from the first appearance of this advertisement in the Western Australian Government Gazette. A fee of Ten shillings (10s.) is payable with such notice.

For particulars of claims, vide Gazette No. 40, of 4th October, 1901.

Application No. 3185.—Edwin Symonds, of St. George's Terrace, Perth, Western Australia, Orchardist, "Machine for making Flower Pots and similar articles." — Dated 8th November, 1900.

Specification, 5s. Drawings on application.

Application No. 3229.—Thomas Awdrey, of 99 Cannon Street, London, England, Gentleman, "Improvements in or relating to Label or Ticket Holders."—Dated 14th December, 1900.

Specification, 3s, 6d. Drawings on application.

Application No. 3253.—EWEN McGregor, of Mangaonoho, New Zealand, Sawmiller, "Improvements in apparatus for use in Excavating, Dredging, Transporting and Elevating Earth and in other similar operations."—Dated 2nd January, 1901,

Specification, 11s. 6d. Drawings on application.

Application No. 3480.—Oesterreichische Gasgluhlicht und Electricitats Gesellschaft, of 4 Schleifimühlgasse, Vienna, Austria (assignee of Dr. Carl Auer von Welsbach), "Improvements in Supports for Osmium Filaments."—Dated 31st July, 1901.

Specification, 4s. 6d.

Application No. 3482.—Edward Waters, junior, of 414-418 Collins Street, Melbourne, Victoria (The Linotype Company, Limited), "Improvements in Linotype Machines."—Dated 31st July, 1901.

Specification, £8 12s. Drawings on application.

Application No. 3492.—John Warren, of the Broken Hill Proprietary Block 10 Mine, New South Wales, Mining Manager, "Improvements in Electro-Magnetic Ore Separators."—Dated 5th August, 1901.

Specification, 10s. Drawings on application.

Application No. 3495. — Dr. Carl Freiherr Auer von Welsbach, of IV. Wiedener Hauptstrasse, No. 69, Vienna, Austria, Chemist, "Improvements in Electrical Accumulators and Primary Cells."—Dated 5th August, 1901.

Specification, 11s. Drawings on application.

Application No. 3499.—Hugh Fitzalis Kirk-Patrick-Picard, Metallurgist, of 44 London Wall, London, England, "Improved Process for the Recovery of Zinc from Sulphide Ores."— Dated 8th August, 1901.

Specification, 4s. Drawings on application.

MALCOLM A. C. FRASER,

Registrar of Patents.

Applications for Patents.

NOVEMBER 16TH-23RD.

[When Provisional Specification accompanies Application an asterisk is affixed.]

No.	Date,	Name.	Address.	Title.
*3648	19th Nov., 1901	Mayne, A	Richmond, Vic	Improvements in and connected with receptacles for household or human refuse.
*3649	19th Nov., 1901	Rîley, W. T	Sydney, N.S.W	Improvements in woven wire mattresses and related structures.
*3650 *3651	20th Nov., 1901 22nd Nov., 1901	Southee, R. B Keyte, R	Perth, W.A Auckland, N.Z	Southee's lightning improved meat brander. Improved means for automatically indicating a change in temperature.

Provisional Specifications.

Patent Office, Perth, 29th November, 1901.

PPLICATIONS for Letters Patent, accompanied by Provisional Specifications, which have been accepted from the 16th to the 23rd November, 1901:—

Application No. 3622.—Jessie Strettle, of 46 Fitzgibbon Street, Parkville, near Melbourne, Victoria, married woman, "An improved Rotary Quartz Mill."—Dated 5th November, 1901.

Application No. 3625.—John Geel, of Cable Bay, Nelson, in the colony of New Zealand, Electrical Engineer, "Improved means of and apparatus for and relating to perforating the tape for Automatic Telegraph Instruments."—Dated 5th November, 1901.

Application No. 3640.—George Benjamin Lithgoe and Percival Thomas White, of Duke Street, Perth, Plumbers, "An apparatus for heating and discharging water for a Shower or Plunge Bath."—Dated 14th November, 1901.

 $\begin{array}{cccc} {\rm MALCOLM} & {\rm A.~C.~FRASER,} \\ {\rm Registrar~of~Patents.} \end{array}$

Index of Applicants for Patents.

NOVEMBER 16TH-23RD.

	Nam	e.			Title.	No.	Date.
Keyte, R.					Improved means for automatically indicating a change in temperature	3651	22nd Nov., 1901
Mayne, A.				•••	Turnayayananta in and ammaatad with manutuales for	3648	19th Nov., 1901
Riley, W. T.			•••		Improvements in woven wire mattresses and related structures	3649	19th Nov., 1901
Southee, R. B.	•••	•••	•••		Southee's lighting improved meat brander	3650	20th Nov., 1901

Index to Subjects of Patent Applications.

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	Title.					Name,			No.	Date.
Brander Mattresses Meat Brander Receptacles Temperature		 	Vide Meat Bra Riley, W. T. Southee, R. B Mayne, A. Keyte, R.	ınder 	•••		 •••	•••	 3650 3649 3650 3648 3651	20th Nov., 1901 19th Nov., 1901 20th Nov., 1901 19th Nov., 1901 22nd Nov., 1901

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Nome	Title,	No.	Date.	Gazette.			
Name.	Title.	NO.	Date.	Date.	No.	Page.	
Agglament, Ltd. (assignee of H. C B. Forester, and J. A. A. Yeo)	Improvements in or relating to the manufacture of artificial fuel, and apparatus therefor	3528	5th Sept., 1901	20th Sept., 1901	38	3778	
Carter, R. H	An improved axe head, and haudle there- for, and for other analogous implements	3518	30th Aug., 1901	20th Sept., 1901	38	3777	
Cereal Sugar Co. (assignee of W. R. Long)	Improvements in and relating to process and apparatus for refining grape sugar	3526	5th Sept., 1901	20th Sept., 1901	3×	3777 	
Dean, A Doughty, H. J	Vide Saddler, V. J Vide Dunlop Pneumatic Tyre Company of Australasia, Ltd.	3496 3510	5th Aug., 1901 20th Aug., 1901	20th Sept., 1901 20th Sept., 1901	38 38	3775 3776	
Douglas, E. J., and Tierney, T. P.	Vide Tierney, T. P., and Douglas, E. J.	3516	26th Aug., 1901	20th Sept., 1901	38	3777	
Dunlop Pneumatic Tyre Company of Australasia, Ltd. (H. J. Doughty)	Improvements in apparatus for use in the manufacture of covers for wheel tyres	3510	20th Aug., 1901	20th Sept., 1901	38	3776	
Ellis. G. H Forester, H. C. B Fredrikson, A. J	Vide Waters, E., jun Vide Agglament, Ltd Improvements in or connected with wax matches	3509 3528 3483	20th Aug., 1901 5th Sept., 1901 31st July, 1901	20th Sept., 1901 20th Sept., 1901 20th Sept., 1901	38 38 38	3776 3778 3775	
Hopson, J., and Priest, H. H. Long, W. R Lowry, G. A	Improvements in hand signal lamps Cereal Sugar Co Process of and apparatus for ginning	3524 3526 3494	3rd Sept., 1901 5th Sept., 1901 5th Aug., 1901	20th Sept., 1901 20th Sept., 1901 20th Sept., 1901	38 38 38	3777 3777 3775	
Lumière, A. and L Macdonald, D O'Rourke, J. F	cotton and similar material Panoramic photographic apparatus Improvements in gearing of bicycles Improvements in subterranean or subaqueous dams or foundation con- struction	3487 3506 3508	1st Aug., 1901 19th Aug., 1901 20th Aug., 1901	20th Sept., 1901 20th Sept., 1901 20th Sept., 1901	38 38 38	3775 3776 3776	
Parsons, C. A	Improvements in turbo-compressers and pumps	3505	15th Aug., 1901	20th Sept., 1901	38	3776	
Patric, C. E Priest, H. H., and Hopson, J. Reisert, H. F	Vide Hopson, J., and Priest, H. H. Improvements in and connected with the process and apparatus for purifying water	3517 3524 3484	30th Aug., 1901 3rd Sept., 1901 31st July, 1901	20th Sept., 1901 20th Sept., 1901 20th Sept., 1901	38 38 38	3777 3777 3775	
Saddler, V. J. (assignee of A. Dean)	Improvements in and connected with aerial wireways or tramways	3496	5th Aug., 1901	20th Sept., 1901	38	3775	
Sprang, F. H	Improvements in the manufacture of diving dresses	3513	22nd Aug., 1901	20th Sept., 1901	38	3777	
Tierney, T. P., and Douglas, E. J.	An improved process for precipitating saline matters and other solids from water, especially in condenser and other steam boilers	3516	26th Aug., 1901	20th Sept., 1901	28	3777	
Waters, E., jun. (G. H. Ellis)	Manufacture of twine from unretted flax straw, and slivers for making the same	3509	20th Aug., 1901	20th Sept., 1901	38	3776	
Yeo, J. A. A	Vide Agglament, Limited	3528	5th Sept., 1901	20th Sept., 1901	38	3778	

Index of Subjects of Patents Granted.

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			NOVEMBER 1	бтн—231	RD.				
Title.			Name.			Gazette.			
A Tote.			name.	No.	Date.	Date.	No.	Page.	
Axe Handle Axe Head Boilers			Vide Axe Head Carter, R. H	3518 3518	30th Aug., 1901 30th Aug., 1901	20th Sept., 1901 20th Sept., 1901	38 38 38	3777 3777	
Bicycles Covers for Tyres			Tierney, P. P., and Douglas, E. J. Macdonald, D Vide Tyres	3516 3506 3510	26th Aug., 1901 19th Aug., 1901 20th Aug., 1901	20th Sept., 1901 20th Sept., 1901 20th Sept., 1901	38 38	3777 3776 3776	
Dam Diving dresses Drills Foundation Construct			O'Rourke, J. F Sprang, F. H Vide Grain Drills	3508 3513 3517	20th Aug., 1901 22nd Aug., 1901 30th Aug., 1901	20th Sept., 1901 20th Sept., 1901 20th Sept., 1901	38 38 38	3776 3777 3777	
Fuel Grain Drills Ginning Cotton	 		Vide Dam Agglament, Ltd. Patric, C. E. Lowry, G. A.	3508 3528 3517 3494	20th Aug., 1901 5th Sept., 1901 30th Aug., 1901 5th Aug., 1901	20th Sept., 1901 20th Sept., 1901 20th Sept., 1901 20th Sept., 1901	38 38 38 38	3776 3778 3777 3775	
Lamps Matches Photography	 		Hopson, J., & Priest, H. H Fredrikson, A. J Lumière, A. and L Vide Boilers	3524 3483 3487	3rd Sept., 1901 31st July, 1901 1st Aug., 1901	20th Sept., 1901 20th Sept., 1901 20th Sept., 1901	38 38 38	3777 3775 3775	
Precipitating Saline Pumps Purifying Waters Refining Sugar	 	s	Parsons, C. A Reisert, H. F Cereal Sugar Co	3516 3505 3484 3526	26th Aug., 1901 15th Aug., 1901 31st July, 1901 5th Sept., 1901	20th Sept., 1901 20th Sept., 1901 20th Sept., 1901 20th Sept., 1901	38 38 38 38	3777 3776 3775 3777	
Signal Lamps Sugar Tramways (aerial)	•••	•••	Vide Lamps Vide Refining Sugar Vide Wireways (aerial)	3524 3526 3496	3rd Sept., 1901 5th Sept., 1901 5th Aug., 1901	20th Sept., 1901 20th Sept., 1901 20th Sept., 1901	38 38 38	3777 3777 3775	
Turbo-compressors Twine Tyres	•••		Vide Pumps Waters, E., jun Dunlop Pneumatic Tyre Co. of Australasia, Ltd	3505 3509 3510	15th Aug., 1901 20th Aug., 1901 20th Aug., 1901	20th Sept., 1901 20th Sept., 1901 20th Sept., 1901	38 38 38	3776 3776 3775	
Wireways (aerial)			Saddler, V. J	3496	5th Aug., 1901	20th Sept., 1901	38	3776	

Renewal Fees paid on Patents registered from the 16th to the 23rd November, 1901.

Fees payable before the end of the fourth year in respect of the three following years:-

No. 1776,-G. G. Turri.

No. 1838.—The Acetylene Gas Co. of Australasia, Ltd.

No. 1871.—E. Thunderbolt. No. 1885.—C. McLeod.

Subsequent Proprietors of Patents registered from the 16th to the 23rd November, 1901.

[Note.—The names in brackets are those of former proprietors.] No. 173.—The Australian Mining and Gold Recovery Co., Ltd. [Siemens' Electrolysis Gesellschaft mit beschränkter Haftung].

Trade Marks.

Patent Office, Trade Marks Branch, Perth, 29th November, 1901.

IT is hereby notified that I have received the under-mentioned Applications for the Registration of Trade Marks.

Any person or persons intending to oppose any of such applications must leave particulars in writing, in duplicate (on Form F), of his or their objections thereto, within two months of the first advertisement of the applications in the Western Australian Government Gazette.

A fee of £1 is payable with such notice.

In the case of an Application in which have been inserted a statement and disclaimer (or a disclaimer only), a copy of the same is printed in *italics* in connection with the advertisement.

MALCOLM A. C. FRASER,

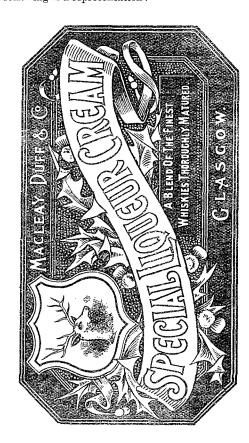
Registrar of Designs and Trade Marks.

Application No. 2279, dated 11th September, 1901.--EDward William Culver, of Barrack Street, Sydney, New South Wales, Wholesale Jeweller and Optician, to register in Class 10, in respect of Horological Instruments, a Trade Mark, of which the following is a representation:



This Mark was first advertised in the Western Australian Government Gazette of 4th October, 1901-vide notice at head of Trade Mark advertisements.

Application No. 2284, dated 17th September, 1901.— JAMES DUFF, of the City of Glasgow, in Scotland, Whisky Merchant, trading as MacLeay, Duff & Company, to register in Class 43, in respect of Whisky, a Trade Mark, of which the following is a representation:—



The essential particular of the above mark is the combination of devices, and the applicant disclaims any right to the exclusive use of the added matter, except in so far as it consists

This Mark was first advertised in the Western Australian Government Gazette of the 4th October, 1901—vide notice at head of Trade Mark advertisements.

Application No. 2290, dated 24th September, 1901.-WILLIAM JOHNSON, HERMANN SIMONSEN, and MARK RUBIN, WILLIAM JOHNSON, HERMANN SIMONSEN, and MARK KUBIN, trading together under the name or style of "Johnson, Simonsen, & Rubin," Manufacturing Jewellers and Importers, of 285 Little Collins Street, Melbourne, in the State of Victoria, and Commonwealth of Australia, to register in Class 10, in respect of Watches and all other goods in this class, a Trade Mark, of which the following is a representa-

ADMIRAL.

This Mark was first advertised in the Western Australian Government Gazette of 4th October, 1901-vide notice at head of Trade Mark advertisements.

Application No. 2291, dated 26th September, 1901.— PETERSON AND COMPANY, General Merchants, 348 Flinders Street, Melbourne, to register in Class 42, in respect of Food, and Substances used as Ingredients of Food, a Trade Mark, of which the following is a representation:-

BOSS.

This Mark was first advertised in the Western Australian Government Gazette of 4th October, 1901-vide notice at head of Trade Mark advertisements.

Application No. 2294, dated 28th September, 1901.—E. Deguingand & Son, 5 Colonial Avenue, Minories, London, Tobacco Smoking Pipe Manufacturers, to register in Class 50, s.s. 4, in respect of Smoking Pipes, a Trade Mark, of which the following is a representation:—



This Mark was first advertised in the Western Australian Government Gazette of 4th October, 1901—vide notice at head of Trade Mark advertisements.

Application No. 2295, dated 28th September, 1901.—E. Deguingand & Son, 5 Colonial Avenue, Minories, London, Tobacco Smoking Pipe Manufacturers, to register in Class 50, s.s. 4, in respect of Smoking Pipes, a Trade Mark, of which the following is a representation:—



This Mark was first advertised in the Western Australian Government Gazette of 4th October, 1901—vide notice at head of Trade Mark advertisements.

Application No. 2275, dated 7th September, 1901.—Henry Harry Fraser, 10 Hampton Street, Fremantle, Western Australia, Grocer, to register in Class 42, in respect of substances used as food or as ingredients in food, a Trade Mark, of which the following is a represention:—

RESARF.

This Mark was first advertised in the Western Australian Government Gazette of 11th October, 1901--vide notice at head of Trade Mark advertisements.

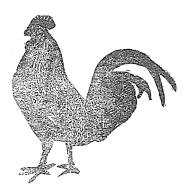
Applications Nos. 2288 and 2289, dated 19th September, 1901.—George Nairne Clarke, trading as the Adelaide Aerated Water Company, at Woodward Street, Coolgardie, Western Australia. Application No. 2288, to register in Class 15, in respect of Glass Bottles; and Application No. 2289, to register in Class 44, in respect of Mineral and Aerated Waters (natural and artificial), including Ginger Beer, a Trade Mark, of which the following is a representation:—



PICKWICK

This Mark was first advertised in the Western Australian Government Gazette of 11th October, 1901—vide notice at head of Trade Mark advertisements.

Applications Nos. 2292 and 2293, dated 27th September, 1901.—SARAH JANE LEAKE, of Ellen Street, Fremantle, Western Australia, Manufacturer. Application No. 2292, to register in Class 15, in respect of Glass Bottles; and Application No. 2293, to register in Class 44, in respect of Mineral and Aerated Waters (natural and artificial), including Ginger Beer, a Trade Mark, of which the following is a representation:—



CHALLENGE

This Mark was first advertised in the Western Australian Government Gazette of 11th October, 1901—vide notice at head of Trade Mark advertisements.

Application No. 2298, dated 7th October, 1901.—ARTHUR LINDSEY TILLY, Chemist, 504 Hay Street, Perth, Western Australia, to register in Class 3, in respect of Chemical Substances prepared for use in Medicine and Pharmacy, a Trade Mark, of which the following is a representation:—



No claim is made to the exclusive use of the word "Cure."

This Mark was first advertised in the Western Australian Government Gazette of the 18th October—vide notice at head of Trade Mark advertisements.

Application No. 2300, dated 9th October, 1901.—The firm trading as Henri Nestle, of 48 Cannon Street, London, England; Christiania, Norway; and Vevey, Switzerland, Merchants, to register in Class 42, in respect of Condensed Milk, a Trade Mark, of which the following is a representation:—

NECTAR.

This Mark was first advertised in the Western Australian Government Gazette of 18th October, 1901—vide notice at head of Trade Mark advertisements.

Application No. 2301, dated 10th October, 1901.—F. E. Kingdon, Cordial Manufacturer, Broome Road, Subiaco, Western Australia, to register in Class 42, in respect of Cordials (non-alcoholic), a Trade Mark, of which the following is a representation:—

OLEA.

This Mark was first advertised in the Western Australian Government Gazette of 18th October, 1901—vide notice at head of Trade Mark advertisements.

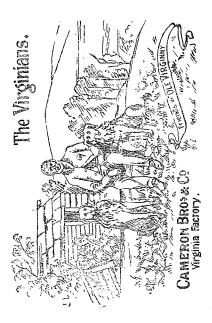
Applications Nos. 2302 and 2303, dated 11th October, 1901.—The Dunlop Pneumatic Tyre Company of Australasta, Limited, of Perth, in the State of Western Australia, Pneumatic Tyre Manufacturers. Application No. 2302, to register, in Class 50, s.s. 10, in respect of Goods not included in other classes; and Application No. 2303, to register, in Class 40, in respect of goods manufactured from india-rubber and gutta-percha, not included in other classes, a Trade Mark, of which the following is a representation:—



The essential particular of the above ${\it Mark}$ consists of the distinctive label.

This Mark was first advertised in the Western Australian Government Gazette of 18th October, 1901—vide notice at head of Trade Mark advertisements.

Application No. 2285, dated 17th September, 1901.— George Frederick Todman, trading as "Cameron Bros. and Company," of the Virginia Tobacco Factory, Cooper Street, Surrey Hills, Sydney, in the State of New South Wales, and Commonwealth of Australia, Tobacco Manufacturer, to register in Class 45, in respect of Tobacco and cognate substances and goods, a Trade Mark, of which the following is a representation:—



The above Trade Mark consists of or contains the following essential particulars:—(1) The foncy words not in common use, "The Virginians;" (2) the fancy words not in common use, "Friends in Ole Virginny." (1) The distinctive device or picture, the principal feature of which is the representation of a negro sitting upon a log or tree stem, and having upon either side of him a dog sitting upon its haunches; and (2) the distinctive label as a whole.

No claim is made to the exclusive use of the word "Virginia." This Mark was first advertised in the Western Australian Government Gazette of 25th October, 1901—vide notice at head of Trade Mark advertisements.

Application No. 2276, dated 7th September, 1901.—Wallace Semple, 44 Queen Street, Perth, Western Australia, Importer and Manufacturer, to register in Class 42, in respect of Substances used as Food or as Ingredients in Food, a Trade Mark, of which the following is a representation:—

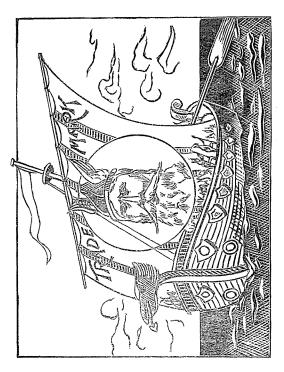


The essential particular of the above Mark consists of the combination of devices, and applicant disclaims any right to the exclusive use of the added matter, save and except the name "Hackshall."

This Mark was first advertised in the Western Australian Government Gazette of 1st November, 1901—vide notice at head of Trade Mark advertisements.

Application No. 2282, dated 14th September, 1901.—G. Wood, Son & Co., of Adelaide and Fremantle, Wholesale Grocers and Importers, to register in Class 42, in respect of Substances used as Food or Ingredients of Food, with exception of Milk, a Trade Mark, of which the following is a representation:—

VIKING.



This Mark was first advertised in the Western Australian Government Gazette of 1st November, 1901—vide notice at head of Trade Mark advertisements.

Application No. 2299, dated 8th October, 1901.—T. B. Hall & Company, Limited, of 79 to 83 Norfolk Street, Liverpool, in the County of Lancaster, England, Export Bottlers and Commission Merchants, to register in Class 43, in respect of Fermented and Spirituous Liquors, a Trade Mark, of which the following is a representation:—



The essential features of the Mark are the device and the word "Pelican."

This Mark was first advertised in the Western Australian Government Gazette of 1st November, 1901—vide notice at head of Trade Mark advertisements.

Application No. 2310, dated 25th October, 1901.—W. D. AND H. O. Wills (Australia), Limited, of Bedminister, Bristol, England, Tobacco Manufacturers, to register in Class 45, in respect of Tobacco, whether manufactured or unmanufactured (including Cigars and Cigarettes), and Cognate Substances and Goods, a Trade Mark, of which the following is a representation:—



This Mark was first advertised in the Western Australian Government Gazette of 1st November, 1901—vide notice at head of Trade Mark advertisements

Application No. 2312, dated 25th October, 1901.—PATERSON, LAING, & BRUCE, LIMITED, of Melbourne, in the State of Victoria, Manufacturers, to register in Class 38, in respect of Kid Gloves, a Trade Mark, of which the following is a representation:—

LUPIN.

This Mark was first advertised in the Western Australian Government Gazette of 1st November, 1901—vide notice at head of Trade Mark advertisements.

Application No. 2236, dated 9th July, 1901.—N. Gutheide, Limited, of No. 486 Collins Street, in the State of Victoria, Australia, Merchants, to register in Class 20, in respect of Fuse, a Trade Mark, of which the following is a representation.

SUN.

This Mark was first advertised in the Western Australian Government Gazette of 8th November, 1901—1ide notice at head of Trade Mark advertisements.

Application No. 2313, dated 29th October, 1901.—WALKER AND HALL, of Howard Street, Sheffield, in England, Manufacturers, to register in Class 14, in respect of imitations of Silver Goods, such as spoons, forks, and hollow-ware, a Trade Mark, of which the following is a representation:—

SUNUHA SILVER (03)

The essential particular of the Trade Mark is the word "Sonora" and the device, and applicants disclaim any right to the exclusive use of the added matter.

This Mark was first advertised in the Western Australian Government Gazette of 8th November, 1901—vide notice at head of Trade Mark advertisements.

Application No. 2314, dated 29th October, 1901—Sargood, Butler, Nichol, and Ewen, Wellington Street, Perth, Warehousemen, to register in Class 38, in respect of Articles of Clothing, a Trade Mark, of which the following is a representation:—



The essential particulars of the above mark consist of the word "National" and the distinctive label.

This Mark was first advertised in the Western Australian Government Gazette of 8th November, 1901—vide notice at head of Trade Mark advertisements.

Application Nos. 2307 and 2308, dated 23rd October, 1901.—Colthurst & Harding, of 11 Queen Victoria Street, and Alpha Works, Millwall, London, England, and Phenix Colour Works, Temple Gate, Bristol, England, White Lead, Paint, Colour, and Varnish Manufacturers, Oil Boilers and Refiners. Application No. 2307, to register in Class 1, in respect of Chemical Substances used in manufactures, Photography or Philosophical Research and Anti-Corrosives; and Application No. 2308, to register in Class 4, in respect

of Raw or partly-prepared Vegetable, Animal, and Mineral Substances used in manufactures not included in other classes, a Trade Mark, of which the following is a representation:—



This Mark was first advertised in the Western Australian Government Gazette of 15th November, 1901—vide notice at head of Trade Mark advertisements.

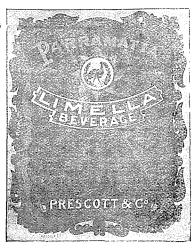
Application No. 2296, dated 1st October, 1901.—RICHARD McNamara, of No. 8 Industrial Chambers, King William Street, Adelaide, in the State of South Australia, Medicine Vendor, to register in Class 3, in respect of Medicine for Human use, a Trade Mark, of which the following is a representation:—



The essential particulars of the Trade Mark consist of the combination of devices comprising a large letter G enclosed within an oval which is embellished with radiating points, together with the words Ordon's Olden Rains printed in smaller type and arranged opposite to the letter G aforesaid, and I disclaim any right to the exclusive use of the letter "G" or the added matter.

This Mark was first advertised in the Western Australian Government Gazette of 22nd November, 1901, vide notice at head of Trade Mark advertisements.

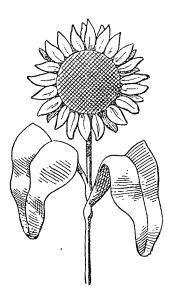
Application No. 2318, dated 13th November, 1901.—John Prescott Dyason, trading as "Dyason, Son, & Co.," at 44 Oxford Street, Collingwood, in the State of Victoria, and Commonwealth of Australia, Cordial Manufacturer, to register in Class 42, in respect of a non-alcoholic cordial called "Limella," a Trade Mark, of which the following is a representation:—



The essential particular of the Trode Mark is the distinctive label.

This Mark was first advertised in the Western Australian Government Gazette of 22nd November, 1901—vide notice at head of Trade Mark advertisements.

Application No. 2319, dated 18th November, 1901.—The Perth Fresh Food and Ice Company, of Pier Street, Perth, Western Australia, to register in Class 42, in respect of Substances used as Food or as Ingredients in Food, a Trade Mark, of which the following is a representation:—



This Mark was first advertised in the Western Australian Government Gazette of 22nd November, 1901—vide notice at head of Trade Mark advertisements.

Application No. 2003, dated 9th March, 1901.—T. C. WILLIAMS COMPANY, of Richmond, Virginia, United States of America, Tobacco Manufacturers, to register in Class 45, in respect of Manufactured Tobacco, a Trade Mark, of which the following is a representation:—



The essential particular of the Trade Mark is the device of a triangle, and applicant Company disclaims any right to the exclusive use of the added matter.

This Mark was first advertised in the Western Australian Government Gazette of 29th November, 1901—vide notice at head of Trade Mark advertisements.

Application No. 2315, dated 31st October, 1901.—Warren Webster & Co., of Camden, New Jersey, United States of America, Manufacturers, to register in Class 18, in respect

of Engineering, Architectural, and Building Contrivances, a Trade Mark, of which the following is a representation:—



The essential particular of the Trade Mark is the distinctive label.

This Mark was first advertised in the Western Australian Government Gazette of 29th November, 1901—vide notice at head of Trade Mark advertisements.

Application No. 2321, dated 19th November, 1901.—Salmon & Gluckstein, Limited, Clarence Works, St. Luke's, London, E.C., to register in Class 45, in respect of Tobacco, whether manufactured or unmanufactured, a Trade Mark, of which the following is a representation:—

PUCK

This Mark was first advertised in the Western Australian Government Gazette of 29th November, 1901—vide notice at head of Trade Mark advertisements.

Application No. 2322, dated 19th November, 1901.— SALMON & GLUCKSTEIN, LIMITED, Clarence Works, St. Luke's, London, E.C., to register in Class 45, in respect of Tobacco, whether manufactured or unmanufactured, a Trade Mark, of which the following is a representation:—

DANDY FIFTH

This Mark was first advertised in the Western Australian Government Gazette of 29th November, 1901—vide notice at head of Trade Mark advertisements.

Application No. 2323, dated 19th November, 1901.—Salmon & Gluckstein, Limited, of Clarence Works, St. Luke's, London, E.C., to register in Class 45, in respect of Tobacco, whether manufactured or unmanufactured, a Trade Mark, of which the following is a representation:—

SNAKE CHARMER

This Mark was first advertised in the Western Australian Government Gazette of 29th November, 1901—vide notice at head of Trade Mark advertisements.

Application No. 2324, dated 19th November, 1901.—Salmon & Gluckstein, Limited, of Clarence Works, St. Luke's, London, E.C., to register in Class 45, in respect of Tobacco, whether manufactured or unmanufactured, a Trade Mark, of which the following is a representation:—

LOYALIST

This Mark was first advertised in the Western Australian Government Gazette of 29th November, 1901—vide notice at head of Trade Mark advertisements.

Application No. 2325, dated 19th November, 1901.— Salmon & Gluckstein, Limited, Clarence Works, St. Luke's, London, E.C., to register in Class 45, in respect of Tobacco, whether manufactured or unmanufactured, a Trade Mark. of which the following is a representation:—

ROMANCE

This Mark was first advertised in the Western Australian Government Gazette of 29th November, 1901—vide notice at head of Trade Mark advertisements.

Application No. 2326, dated 19th November, 1901.—Salmon & Gluckstein, Limited, Clarence Works, St. Luke's, London, E.C., to register in Class 45, in respect of Tobacco, whether manufactured or unmanufactured, a Trade Mark, of which the following is a representation:—

FOB

This Mark was first advertised in the Western Australian Government Gazette of 29th November, 1901—vide notice at head of Trade Mark advertisements.

Application No. 2327, dated 19th November, 1901.—Salmon & Gluckstein, Limited, Clarence Works, St. Luke's, London E.C., to register in Class 45, in respect of Tobacco, whether manufactured or unmanufactured, a Trade Mark, of which the following is a representation:—

EQUESTRO

This Mark was first advertised in the Western Australian Government Gazette of 29th November, 1901—vide notice at head of Trade Mark advertisements.

Application No. 2328, dated 19th November, 1901.— Salmon & Gluckstein, Limited, Clarence Works, St. Luke's, London, E.C., to register in Class 50, in respect of Tobacco Pipes, Cigar Holders, and Cigarette Holders, a Trade Mark, of which the following is a representation:—

AGE

This Mark was first advertised in the Western Australian Government Gazette of 29th November, 1901—vide notice at head of Trade Mark advertisements.

Application No. 2329, dated 19th November, 1901.— Seebohm & Dieckstahl, Limited, Dannemora Steel Works, Sheffield, England, Manufacturers, to register in Class 5, in respect of Steel in Bars, Sheets, Wire, and other forms of manufacture, a Trade Mark, of which the following is a representation:—

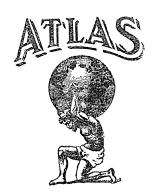


The essential particulars of the Trade Mark are the following: The device and the word "Capital" as describing the said devicethe, said Trade Mark having been used by the Applicants and their predecessors in business in respect of the said goods since the month of August, 1884.

This Mark was first advertised in the Western Australian Government Gazette of 29th November, 1901—vide notice at head of Trade Mark advertisements.

Application No. 2330, dated 19th November, 1901.—The American Tobacco Company, of No. 111 Fifth Avenue, in the City of New York and State of New York, one of the United States of America, to register in Class 45, in respect

of Tobacco, Cigars, and Cigarettes, a Trade Mark, of which the following is a representation:—



This Mark was first advertised in the Western Australian Government Gazette of 29th November, 1901—vide notice at head of Trade Mark advertisements.

Subsequent Proprietors of Trade Marks registered from 16th to 23rd November, 1901.

[Note.—The names in brackets are those of former proprietors.]
No. 53.—Felix Joseph Curlier. [Curlier Frères.]

No. 344.—John Henry Exshaw, Torick Exshaw, William Exshaw, and Alfred Exshaw, trading as John Exshaw & Co. [H. Exshaw, trading as John Exshaw & Co.]

Alphabetical List of Registrants of Trade Marks.

NOVEMBER 16th-23rd.

	Goods.				Gazette.				
Name.			No.	Date.	No.	Date.	Page.		
Cameron Bros. & Co. (G. F. Todman, trading as)	Tobacco and cognate substances and goods	45	2229	2nd July, 1901	37	13th Sept., 1901	3713		
Canada Cycle and Motor Co., Ltd.	Bicycles	22	2216	17th June, 1901	35	30th Aug., 1901	3541		
Canada Cycle and Motor Co., Ltd.	Bicycles	22	2216	17th June, 1901	35	30th Aug., 1901	3541		
Dixson, R., & Co. (H. R. Dixson, trading as)	Tobacco, eigars, and eigarettes	45	2226	28th June, 1901	36	6th Sept., 1901	3640		
Dixson, R., & Co. (H. R. Dixson, trading as)	Tobacco, cigars, and cigarettes	45	2264	19th Aug., 1901	36	6th Sept., 1901	3640		
St. Emil Wine Co Todman, G. F	Fermented liquors and spirits Vide Cameron Bros. & Co	43 45	2273 2229	5th Sept., 1901 2nd July, 1901	37 37	13th Sept., 1901 13th Sept., 1901	3713 3713		

Index of Goods for which Trade Marks have been registered.

NOVEMBER 16TH-23RD.

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Goods.	Хате.	No.	Date.	Class.	No.	Date.	Page.	
Bicycles Bicycles Bicycles Cigarettes Cigarettes Cigars Liquors (fermented) Spirits Tobacco Tobacco Tobacco Tobacco	Canada Cycle and Motor Co., Ltd Canada Cycle and Motor Co., Ltd Vide Tobacco Vide Tobacco Vide Tobacco Vide Tobacco St. Emil Wine Co Vide Liquors (fermented) Cameron Bros. & Co R. Dixson & Co. (H. R. Dixson, trading as) R. Dixson & Co. (H. R. Dixson, trading as)	2216 2217 2226 2264 2226 2264 2273 2273 2229 2226 2264	17th June, 1901 17th June, 1901 28th June, 1901 19th Aug., 1901 28th June, 1901 19th Aug., 1901 5th Sept., 1901 5th Sept., 1901 2nd July, 1901 28th June, 1901	22 22 45 45 45 45 45 43 43 45 45	35 36 36 36 37 37 37 37 36	30th Aug., 1901 30th Aug., 1901 6th Sept., 1901 6th Sept., 1901 6th Sept., 1901 13th Sept., 1901 13th Sept., 1901 13th Sept., 1901 6th Sept., 1901 6th Sept., 1901	3541 3541 3640 3640 3640 3713 3713 3640 3640	

MALCOLM A. C. FRASER, Registrar of Designs and Trade Marks.