

Supplement to Government Gazette

OF

WESTERN AUSTRALIA.

[Published by Authority.]

No. 73. }
P.O. No. 52. }

PERTH: FRIDAY, DECEMBER 28.

[1900.]

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

Complete Specifications.

Patent Office, Perth,
28th December, 1900.

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.

Application No. 3198.—REEVES PATENT FILTERS COMPANY, LIMITED, of 9 Fenchurch Avenue, London, England, Manufacturers (Assignee of WILFRED REEVES), "*Improvements in Filters for Liquids.*"—Dated 20th November, 1900.

Claims:—

1. A filter for liquids comprising a vessel having its lower part tapering to a smaller diameter downwards and charged with filtering material and having in its upper part two perforated plates with filtering material between them and under these a settling chamber of triangular section, a valved pipe to the settling chamber, a valved discharge pipe from nozzles below the lower filtering material, a cup situated centrally above the said material and communicating with a valved outlet pipe for discharge of fouled liquid from the cleansing of the filter and valves for inlet and outlet of filtered and cleansing liquid, substantially as described with reference to figs. 1 and 2.

2. The modified filter in which the upper filtering bed and settling chamber are dispensed with, substantially as described with reference to fig. 3.

Specification, 4s. Drawings on application.

Application No. 3213.—JOHANN GOTTLIEB TRAEGER, of Hamley Bridge, South Australia, Machinist, "*Improvements in Scarifiers, Ploughs, and other Cultivating Implements.*"—Dated 4th December, 1900.

Claims:—

1. In scarifiers ploughs and other cultivating implements, the combination with the tine or plough body having a projecting lug or nose, of a spring having a notch or recess engaging said lug or nose.

2. In scarifiers ploughs and other cultivating implements, the combination with the tine or plough body having a spring for imparting pressure thereto, of a loop hinged to the framework and adapted to lock such tine and spring in place, substantially as described.

3. In scarifiers ploughs and other cultivating implements, the combination with the tine or plough body having a projecting lug or nose engaging a notch or recess in a spring, of a hinged loop adapted to lock the spring in position, substantially as described.

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

Application No. 3218.—RICHARD SPARROW, of Perth, Western Australia, Licensed Patent Agent (*William Andrew Bole*), "*Improvements in Igniting Apparatus for Internal Combustion Engines.*"—Dated 6th December, 1900.

Claim:—

In an internal combustion engine, a cylinder head having a restricted igniter recess at its inner side and a communicating recess of larger diameter, the latter recess receiving a plug provided with igniter

electrodes, which plug is seated upon and forms a close fit with the ledge located at the junction of the two recesses, substantially as and for the purpose specified.

Specification, 3s. Drawings on application.

Application No. 3224.—WILLIAM JONATHAN NICOL, of Peak Hill, Western Australia, Civil Engineer, "*An Improved Appliance for Pumping or Lifting Sand, Slimes, Sludge, and such like material.*"—Dated 11th December, 1900.

Claims:—

1. The herein described appliance consisting of the parts constructed arranged and operating substantially as and for the purposes herein set forth and as illustrated in the accompanying drawing.

2. A centrifugal pump or lifter having a hollow central rotatable pillar having hollow radial arms and in connection with a suction pipe substantially as herein set forth and as illustrated in the accompanying drawings.

3. An appliance as herein described having ball or roller bearings as E₁, E₂, or F₂, and having a stuffing box as B which acts as the junction chamber for the suction and discharge pipes as A₂ and C substantially as herein set forth and as illustrated in the accompanying drawings.

Specification, 3s. Drawings on application.

MALCOLM A. C. FRASER,
Registrar of Patents.

Patent Office, Perth,
21st December, 1900.

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. 51, 21st December, 1900.

Application No. 2872.—JOHN McLEAN, of Wellington Street, Perth, Western Australia, Engineer of the Government Refrigerating Works, "*Louvre Fire Bar and means for operating same.*"—Dated 21st February, 1900.

Specifications, 4s. Drawings on application.

Application No. 2890.—FRANCIS JAMES OLSEN, Photographer, and EDWARD HENRY WHITMORE, Printer, both of 183 Hereford Street, Christchurch, New Zealand, "*Improved Apparatus for Filtering Water.*"—Dated 9th March, 1900.

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

Application No. 2941.—JOHN MITCHELL, of 388 Vauxhall Road, Liverpool, in the County of Lancaster, England, Bacon-curer, "*An improved Preservative Covering for hams, bacon, cheeses and other provisions.*"—Dated 28th April, 1900.

Specifications, 3s. 6d.

Application No. 3187.—FRED WALSH, Manager of Edward Waters' International Patent and Trade Marks Office, 23 Elizabeth Street Sydney, in the Colony of New South Wales, Engineer and Patent Agent, "*Improvements in Printing Machines for the production of black and colour prints by the one impression.*"—Dated 9th November, 1900.

Specifications, 11s. Drawings on application.

Application No. 3195.—WILLIAM KINGSLAND, of 8 Breams Buildings, Chancery Lane, in the City of London, England, Electrical Engineer, "*An improved Method of and means for carrying or connecting Strikers to Motor Vehicles for mechanically operating Electric Switches.*"—Dated 16th November, 1900.

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

Application No. 3196.—WILLIAM KINGSLAND, of 8 Breams Buildings, Chancery Lane, in the City of London, England, Electrical Engineer, "*Improvements in or connected with boxes or cases containing Switches and mechanism connected therewith for Electrical Traction.*"—Dated 16th November, 1900.

Specifications, 13s. Drawings on application.

Application No. 3197.—ELECTRIC LIGHTING BOARDS, LIMITED, of 7 Pall Mall, London, England, Manufacturers (Assignee of JULIAN ADOLPHE HALFORD), "*Improvements in Conductors and Contacts for Electrical Glow Lamps.*"—Dated 20th November, 1900.

Specifications, 6s. Drawings on application.

Application No. 3200.—THOMAS ROWLAND JORDAN, No. 47 West 42nd Street, New York, United States of America, Mining Engineer, "*Improvements in and relating to Apparatus for the Separation of Ores.*"—Dated 20th November, 1900.

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

MALCOLM A. C. FRASER,
Registrar of Patents.

Patent Office, Perth,
14th December, 1900.

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. 50, 14th December, 1900.

Application No. 3091.—JOHN HENRY ANDERSON, of Cue, Murchison Goldfields, Western Australia, Tent Maker, "*An Improved Beer Cooler.*"—Dated 6th September, 1900.

Specification, 1s.

Application No. 3161.—RICHARD SPARROW, of Perth, Western Australia, Licensed Patent Agent (John Purlington Mallett), "*Improvements in Strap Coils for Electrical Machines.*"—Dated 27th October, 1900.

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

Application No. 3165.—ALFRED GEORGE JACKSON, of George Street, Electrician; CHARLES DOUGLAS FERGUSON, of Queen Street, Merchant; and EDWARD GARLAND ABELL, of 159 Queen Street, Patent Agent, all of Brisbane, Queensland, "*An improved Apparatus for the Generation of Acetylene Gas.*"—Dated 30th October, 1900.

Specifications, 6s. Drawings on application.

Application No. 3169.—WILLIAM BRADLEY, of Ascot Vale, South Australia, Plumber, "*Improvements in Acetylene Gas Generators.*"—Dated 1st November, 1900.

Specification, 9s. Drawings on application.

Application No. 3170.—THE INTERNATIONAL CHEMICAL COMPANY, of 60 Grand Street, Jersey City, New Jersey, U.S.A., Manufacturing Chemists (Assignee of CHARLES BORROWS JACOBS), "*Improvements in Silicides and process for their manufacture.*"—Dated 2nd November, 1900.

Specifications, 8s. 6d.

Application No. 3171.—HUGH FITZALIS KIRKPATRICK-PICARD, Metallurgist, of 60 Gracechurch Street, London, England, "*Improvements in or relating to the treatment of Complex Sulphide Ores.*"—Dated 2nd November, 1900.

Specifications, 6s. 6d.

Application No. 3174.—HENRY LIPSON HANCOCK, of Moonta Mines, South Australia, Mine Superintendent, "*Improvements in the concentration of metalliferous materials.*"—Dated 6th November, 1900.

Specifications, £1. Drawings on application.

Application No. 3178.—RICHARD SPARROW, of Perth, Western Australia, Licensed Patent Agent (Henry Russell Kent), "*Improvements in systems of Electrical Distribution.*"—Dated 8th November, 1900.

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

Application No. 3179.—RICHARD SPARROW, of Perth, Western Australia, Licensed Patent Agent ("*Monotype Machine (Colonial Patents) Syndicate Limited*"), "*Machine for preparing the perforated Record Strips of Type-forming Machines.*"—Dated 8th November, 1900.

Specification, £2 14s. Drawings on application.

Application No. 3180.—RICHARD SPARROW, of Perth, Western Australia, Licensed Patent Agent (Monotype Machine (Colonial Patents) Syndicate, Limited), "*Improvements in Machines for making justified lines of Type.*"—Dated 8th November, 1900.

Specifications, £5 14s. Drawings on application.

Application No. 3181.—RICHARD SPARROW, of Perth, Western Australia, Licensed Patent Agent (Monotype Machine (Colonial Patents) Syndicate, Limited), "*Improvements in or relating to the preparation of Record Strips for Type-forming and setting Machines.*"—Dated 8th November, 1900.

Specifications, £4 2s. Drawings on application.

Application No. 3182.—RICHARD SPARROW, of Perth, Western Australia, Licensed Patent Agent (Monotype Machine (Colonial Patents) Syndicate, Limited), "*Improvements in Machines for Casting and Setting Type.*"—Dated 8th November, 1900.

Specifications, £8 11s. Drawings on application.

Application No. 3183.—RICHARD SPARROW, of Perth, Western Australia, Licensed Patent Agent (Monotype Machine (Colonial Patents) Syndicate, Limited), "*Improvements in Machine for preparing Perforated Record or Control Strips.*"—Dated 8th November, 1900.

Specifications, £5. Drawings on application.

Application No. 3184.—RICHARD SPARROW, of Perth, Western Australia, Licensed Patent Agent (Monotype Machine (Colonial Patents) Syndicate, Limited), "*Improvements in Type-casting and Composing Machines.*"—Dated 8th November, 1900.

Specifications, £7 4s. Drawings on application.

MALCOLM A. C. FRASER,
Registrar of Patents.

Patent Office, Perth,
7th December, 1900.

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.

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For particulars of claims, vide Gazette No. 49, 7th December, 1900.

Application No. 2888.—THE SULPHIDES REDUCTION (NEW PROCESS), LIMITED, of New Broad Street, London, England, Manufacturers (Assignee of FRANCIS ELLERSHAUSEN), "*Improvements in the Treatment of Complex and Refractory Ores.*"—Dated 2nd March, 1900.

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

Application No. 2905.—EDWARD WATERS, junior, of 131 William Street, Melbourne, Victoria, Patent Agent (*Birger Ljungström*), "*Improvements in Balanced Rotary Steam Engines.*"—Dated 20th March, 1900.

Specification, £1 15s. Drawings on application.

Application No. 2927.—ALFRED JAMES, of 56 New Broad Street, London, England, Mining and Metallurgical Engineer, "*Improvements in apparatus for Precipitating Gold and Silver from their Solutions.*"—Dated 18th April, 1900.

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

Application No. 2960.—ERNEST ROWLAND HILL, of 814 Maple Avenue, Wilkesburg, Pennsylvania, United States of America, Electrical Engineer, "*Improvements in Electro-pneumatic controlling Apparatus.*"—Dated 11th May, 1900.

Specifications, £1 4s. Drawings on application.

Application No. 3082.—ALEXANDER HARRISON BROWNLEY, Jeweller, and WILLIAM THOMAS DAVIDGE, Valuer and Estate Agent, both of Onehunga, New Zealand, "*A device for Securing Serviettes or Napkins on the table, or attaching same to the clothing of persons when in use.*"—Dated 4th September, 1900.

Specification, 5s. Drawings on application.

Application No. 3158.—CHARLES EDWARD MANTON and JOHN WILLIAM RAYFIELD, both of Menzies, Western Australia, Assayer and Mining Engineer respectively, "*Process of direct smelting and purifying, principally for Gold Precipitates or Base Bullion.*"—Dated 20th October, 1900.

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

Application No. 3189.—GEORG DEYCKE, of 4 Rue Hairic, Constantinople, in Turkey, Professor of Medicine, "*Improvements in process for obtaining Albumen and Extract of Meat from Flesh, Fish, Internal Organs, and the like.*"—Dated 13th November, 1900.

Specifications, 7s. 6d.

MALCOLM A. C. FRASER,
Registrar of Patents.

Patent Office, Perth,
30th November, 1900.

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.

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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. 48, 30th November, 1900.

Application No. 2874.—THOMAS BURRELL, of 193 Abbotsford Street, North Melbourne, Victoria, Stone Mason, "*An improved Tyre for Cycles and other Road Vehicles.*"—Dated 22nd February, 1900.

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

Application No. 2980.—PERCY ARTHUR HADLEY, of Albert and Swanston Streets, Auckland, New Zealand, merchant (assignee of FRANCIS CORNWELL TAYLOR), "*A new or improved method or means of Printing in several Colours or Tones by one impression on a 'Webb' or other printing machine.*"—Dated 29th May, 1900.

Specification, 4s. Drawings on application.

Application No. 3139.—RICHARD SPARROW, of Perth, Western Australia, Licensed Patent Agent (*Percy Holbrook Thomas*), "*Improvements in means for Protecting Electrical Apparatus from Abrupt Changes in Static Potential.*"—Dated 11th October, 1900.

Specification, 7s. Drawings on application.

Application No. 3140.—RICHARD SPARROW, of Perth, Western Australia, Licensed Patent Agent (*Gilbert Wright and Christian Aalborg*), "*Improvements in Insulating Supports for Electrical Conductors.*"—Dated 11th October, 1900.

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

Application No. 3162.—WILLIAM ANDERSON, of 44 Mill Street, Pyrmont, near Sydney, New South Wales, Engineer, "*Improvements in Sheep Trucks.*"—Dated 30th October, 1900.

Specification, 3s. Drawings on application.

Application No. 3163.—JONATHAN BOWMAN, of Bismarck Street, Petersburg, South Australia, Fireman, "*Improvement in means for providing Brakes to Railway Vehicles to be actuated either independently or simultaneously and automatic in certain cases.*"—Dated 30th October, 1900.

Specification, 8s. Drawings on application.

Application No. 3164.—JOHN HENRY COOKE, of "Ivanhoe," Francis Street, Bairnsdale, Victoria, Pianoforte Tuner, and JOHN STUART HOWARD HAMMOND, of York Street, Sale, Victoria, Financier, "*An improved Non-puncturable Pneumatic Tyre for the Wheels of Cycles and other Road Vehicles.*"—Dated 30th October, 1900.

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

Application No. 3166.—WILLIAM BOYES GOVETT, of 134 Albert Street, Brisbane, Queensland, Manufacturer, "*Improvements in Brakes for Bicycles and other like vehicles.*"—Dated 30th October, 1900.

Specification, 8s. Drawings on application.

Application No. 3167.—HENRY BRABY, Consulting Engineer, and CHARLES COUTTS, Merchant, both of Ayr, Queensland, "*An improved Wind Motor.*"—Dated 30th October, 1900.

Specification, 3s. Drawings on application.

Application No. 3172.—JOHN CLARKE, of Orangeville, in the County of Dufferin, Province of Ontario, Dominion of Canada, Grain Merchant, "*Preservation and Purification.*"—Dated 6th November, 1900.

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

Application No. 3173.—WILLIAM LINDSAY CORSON, of 244 First Street, San Francisco, California, United States of America, Mechanical Engineer, "*Exhaust Mechanism for Explosive Engines.*"—Dated 6th November, 1900.

Specification, 13s. 6d. Drawings on application.

Application No. 3175.—EDWARD WATERS, junior, of 131 William Street, Melbourne, Victoria, Patent Agent (*Phoenix Investment Company*), "*Improvements in attachments for feeding fuel in a pulverized or powdered state to steam boiler and other furnaces.*"—Dated 6th November, 1900.

Specification, 4s. Drawings on application.

Application No. 3176.—FRANCIS ARTHUR RICH, of Karangahake, New Zealand, Mining Engineer, "*Improvements in Velocipede Driving Gear.*"—Dated 6th November, 1900.

Specification, 10s. Drawings on application.

Application No. 3177.—HENRY BRABY, Consulting Engineer, and CHARLES COUTTS, Merchant, both of Ayr, Queensland, "*An improved Fire Lighter.*"—Dated 8th November, 1900.

Specification, 3s. Drawings on application.

Application No. 3186.—FREDERICK GALE, of High Street, Lancefield, Victoria, Engineer, and JOHNSTON HEMPHILL, of Lancefield, aforesaid, Farmer, "*Improvements in the system of Sowing, Manuring, and Harrowing in combination with ploughing, and in attachments to ploughs for conducting certain of these operations simultaneously with ploughing.*"—Dated 9th November, 1900.

Specification, 12s. Drawings on application.

Application No. 3190.—JAMES AITKEN, of the Breakwater, near Geelong, Victoria, Engineer, "*An improved Rotary Pump for air, water, or other fluids.*"—Dated 13th November, 1900.

Specification, 7s. Drawings on application.

MALCOLM A. C. FRASER,
Registrar of Patents.

Patent Office, Perth,
23rd November, 1900.

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. 47, 23rd November, 1900*

Application No. 3045.—RICHARD SPARROW, of Perth, Western Australia, Licensed Patent Agent (*Richard Clere Parsons, Reginald Belfield, and William Chapman*), "*Improvements in or relating to Electric Railways operated on the conduit system.*"—Dated 3rd August, 1900.

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

Application No. 3144.—JOHN HODGSON LEE, of 4 Elm Grove, Peckham, Surrey, England, gentleman, "*Improvements in the Treatment of Ores.*"—Dated 16th October, 1900.

Specification, 2s. 6d.

Application No. 3145.—CARL GOEPNER, Chemist, of Canalstrasse, 46-48, and WILHELM WITTER, Metallurgist, of 36 Hohe Bleichen, both of Hamburg, Germany, "*Improved Manufacture of Cyanogen Bromide.*"—Dated 16th October, 1900.

Specification, 4s. 6d.

Application No. 3155.—RICHARD SPARROW, of Perth, Western Australia, Licensed Patent Agent (*Percy Holbrook Thomas*), "*Improvements in means for protecting Electrical Apparatus from abrupt changes in State Potential.*"—Dated 19th October, 1900.

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

Application No. 3156.—RICHARD SPARROW, of Perth, Western Australia, Licensed Patent Agent (*Benjamin Garver Lamme*), "*Improvements in Polyphase Induction Motors.*"—Dated 19th October, 1900.

Specification, 4s. Drawings on application.

Application No. 3157.—RICHARD SPARROW, of Perth, Western Australia, Licensed Patent Agent (*Norman Wilson Storer*), "*Improvements relating to the distribution of Electric Currents.*"—Dated 19th October, 1900.

Specification, 6s. Drawings on application.

Application No. 3160.—MARCONI'S WIRELESS TELEGRAPH COMPANY, LIMITED, of 18 Finch Lane, Threadneedle Street, London, England (Assignee of GUGLIELMO MARCONI), "*Improvements in Receivers for Electrical Oscillations.*"—Dated 23rd October, 1900.

Specifications, 4s. Drawings on application.

MALCOLM A. C. FRASER,
Registrar of Patents.

Patent Office, Perth,
16th November, 1900.

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.

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For particulars of claims, vide *Gazette No. 46, 16th November, 1900*.

Application No. 2949.—GEORGE STEVENSON, of Perth, Western Australia, Gentleman, "*An illuminated Street Directory.*"—Dated 8th May, 1900.

Specification, 2s. Drawings on application.

Application No. 2984.—HERBERT ROSE, of 15 Surrey Road, Geologist, and WILLIAM HOCKING, of 20 Avoca Street, Gentleman, both of South Yarra, Victoria, "*An improved Automatic or Self-acting Gravity Wheel.*"—Dated 5th June, 1900.

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

MALCOLM A. C. FRASER,
Registrar of Patents.

Patent Office, Perth,
9th November, 1900.

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.

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For particulars of claims, vide *Gazette No. 45, 9th November, 1900.*

Application No. 2829.—WILLIAM HENRY DOLLEY and ROBERT LOGAN, both of Collie Saw Mills, Worsley, Western Australia, Mill Manager and Engineer, respectively, "*An Oscillatory Vertical Band Saw and Frame therefor.*"—Dated 20th January, 1900.

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

Application No. 3106.—RICHARD SPARROW, of Perth, Western Australia, Licensed Patent Agent (*James Edgar Miller*), "*Improvements in mechanism for Generating variable Electro-Motive Force.*"—Dated 22nd September, 1900.

Specifications, 4s. Drawings on application.

Application No. 3112.—GOLDEN LINK CONSOLIDATED GOLD MINES, LIMITED, of 20 and 21 Lawrence Lane, Cheapside, London, England (Assignee of HENRY JOSHUA PHILLIPS), "*New or improved Process for Extracting Precious Metals from their Ores.*"—Dated 26th September, 1900.

Specification, 6s.

Application No. 3113.—GOLDEN LINK CONSOLIDATED GOLD MINES, LIMITED, of 20 and 21 Lawrence Lane, Cheapside, London, England, (Assignee of HENRY JOSHUA PHILLIPS), "*Improvements in or relating to the Extraction of Precious Metals from certain of their Ores.*"—Dated 27th September, 1900.

Specification, 7s. 6d.

Application No. 3123.—DONAL McDONALD, of 14 River Street, Yarraville, in the Colony of Victoria, Engineer, "*An improved Acetylene Gas Generating Apparatus.*"—Dated 3rd October, 1900.

Specifications, 8s. Drawings on application.

Application No. 3125.—RICHARD SPARROW, of Barrack Street, Perth, Licensed Patent Agent (*Ralph Davenport Mershon*), "*Improved method of and means for Indicating Speed or Current Frequency of Electric Generators.*"—Dated 4th October, 1900.

Specification 8s. 6d. Drawings on application.

Application No. 3132.—THE INTERNATIONAL METAL EXTRACTION COMPANY, of Denver, Colorado, United States of America (Assignee of MORRIS SELIGSOHN), "*A method or process of Treating Ores.*"—Dated 9th October, 1900.

Specifications, 9s. 6d. Drawings on application.

Application No. 3136.—SAMUEL DAW, of Kalgoorlie, Western Australia, Metallurgist, "*An improved process for treating Sulphide and other Auriferous Ores.*"—Dated 10th October, 1900.

Specifications, 2s. 6d. Drawings on application.

MALCOLM A. C. FRASER,
Registrar of Patents.

Patent Office, Perth,
2nd November, 1900.

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. 44, 2nd November, 1900.*

Application No. 2789.—ROBERT LOGAN, of Worsley, Engineer, and JAMES CORNISH PORT, of Perth, Timber Merchant, both in Western Australia, "*Improvements in Timber Cutting Machines.*"—Dated 5th December, 1899.

Specifications, 13s. Drawings on application.

Application No. 2897.—WILLIAM CHAPMAN, of 5437 Potter Street, East End, Pittsburgh, in the County of Allegheny, State of Pennsylvania, United States of America, Electrical Engineer, "*Improvements relating to Electric Railways.*"—Dated 15th March, 1900.

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

Application No. 2940.—RICHARD SPARROW, of Perth, Western Australia, Licensed Patent Agent (*Benjamin Garver Lamme*), "*Improvements in Dynamo Electric Machines.*"—Dated 28th April, 1900.

Specifications, 2s. 6d. Drawings on application.

Application No. 3101.—HEINRICH FRIEDRICH FISCHER, of Renou Street, Coolgardie, Western Australia, Engineer, "*An improved Disintegrator, principally for auriferous pug and such like material.*"—Dated 18th September, 1900.

Specifications, 3s. Drawings on application.

Application No. 3128.—MARTIN DESSAU, Director of Overgaden Neden Vandet, No. 9, Copenhagen, in the Kingdom of Denmark, "*A Liner for Centrifugal Machines.*"—Dated 9th October, 1900.

Specifications, 6s. Drawings on application.

Application No. 3131.—WILLIAM WILSON, of 30 Norfolk Street, Hyde, in the County of Chester, England, Pattern Maker, and THOMAS BENNETT, of 76 Grafton Street, Hyde, aforesaid, Pattern Maker, "*Improvements in or in connection with Life-saving Guards for Tramcars and like Vehicles.*"—Dated 9th October, 1900.

Specification, 7s. Drawings on application.

Application No. 3133.—FREDERIC GODFREY HUGHES, of National Mutual Buildings, Collins and Queen Streets, Melbourne, Victoria, Legal Manager (Assignee of JOHN HYLARD), "*An improved Bandoleer or Cartridge Belt for carrying ammunition for magazine rifles and other small arms.*"—Dated 9th October, 1900.

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

Application No. 3135.—ALFRED HENRY COLLIER, of Cowra Chambers, Grenfell Street, Adelaide, South Australia, Sharebroker (*Arthur Thomas Collier*), "*Improvements in Pneumatic Tyres, and in means for Securing the same on Wheel Rims.*"—Dated 9th October, 1900.

Specification, 41 8s. Drawings on application.

Application No. 3137.—FREDERICK WILLIAM BRIGHT, Mechanic, of Kansas City, State of Kansas, U.S.A., "*Improvements in a process for Sealing and Preserving Cans containing Food Products.*"—Dated 11th October, 1900.

Specifications, 12s. Drawings on application.

Application No. 3138.—WALTER ROTHSCHILD, Banker, of New Court. St. Swithin's Lane; GERALD DUDLEY SMITH, Banker, of 1 Lombard Street, and JAMES ARMSTRONG WILDING, Engineer, of 11 Clerkenwell Close, all in the County of London, England, "*Improvements in or relating to Ammunition Boxes.*"—Dated 11th October, 1900.

Specification, 7s. Drawings on application.

Application No. 3143.—FRANK ARTHUR BLAKESLEE, of Kalgoorlie, Western Australia, Engineer, "*Improvements in and connected with Condensers.*"—Dated 15th October, 1900.

Specification, 6s. Drawings on application.

Application No. 3148.—ARMAND ALLENDY, Architect, of 21 Avenue de Messine, at Paris, France, "*A device to be employed in Cooking or Heating in Pots, Saucepans, or the like.*"—Dated 16th October, 1900.

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

Application No. 3149.—ARTHUR STANDISH HART- RICK, of Heyfield, Victoria, Mounted Constable of Police, "*An Improved adjustable Clump Sole for foot-wear.*"—Dated 16th October, 1900.

Specification, 2s. 6d. Drawings on application.

Application No. 3150.—AMBROSE FOSS THOMPSON, of Madeline Street, Hunter's Hill, near Sydney, New South Wales, "*An improved Sealing Buckle for use on Mail-bags and the like.*"—Dated 16th October, 1900.

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

Application No. 3151.—JOHN QUINN, of the Royal Hotel, Young, in the Colony of New South Wales, Engineer; JOHN HENRY TURLAND, of the same address, Battery Proprietor, and WILLIAM GEORGE ARCHER, senior, of Wallendbeen, in the aforesaid Colony, Butcher, "*Improvements in and relating to Stripping and Harvesting Machines.*"—Dated 16th October, 1900.

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

Application No. 3152.—JAMES ROBERTSON, of 38 Regent Park Square, Strathbungo, Glasgow, North Britain, Cabinet Maker, "*Improvements in and relating to articles of Furniture.*"—Dated 16th October, 1900.

Specifications, £1 12s. 6d. Drawings on application.

MALCOLM A. C. FRASER,

Registrar of Patents.

Trade Marks.

Patent Office, Trade Marks Branch,
Perth, 28th December, 1900.

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. 2019, dated 13th September, 1900.—ALFRED ROBERT WAYLEN and THE WEST AUSTRALIAN TRUSTEE, EXECUTOR, AND AGENCY CO., LTD., executors of Joceline George Herbert Amherst's will, trading as "Waylen and Amherst," of Darlington, West Australia, Vignerons, to register in Class 43, in respect of Fermented Liquors and Spirits, a Trade Mark, of which the following is a representation:—



The above Mark has been used by the applicants and their predecessors in business for one year prior to 1885.

This Mark was first advertised in the Western Australian Government Gazette of the 2nd November, 1900—*vide* notice at head of Trade Mark advertisements.

Application No. 2034, dated 19th October, 1900.—HOLMES SAMUEL CHIPMAN, of 54 Margaret Street, Sydney, in the colony of New South Wales, Merchant, to register in Class 42, in respect of Tea, a Trade Mark, of which the following is a representation:—

TAMILAH.

This Mark was first advertised in the Western Australian Government Gazette of the 2nd November, 1900—*vide* notice at head of Trade Mark advertisements.

Application No. 2035, dated 19th October, 1900.—HOLMES SAMUEL CHIPMAN, of No. 54 Margaret Street, Sydney, in the colony of New South Wales, Merchant, to register in Class 42, in respect of Tea, a Trade Mark, of which the following is a representation :—

KARMA



This Mark was first advertised in the Western Australian *Government Gazette* of the 2nd November, 1900—*vide* notice at head of Trade Mark advertisements.

Application No. 2036, dated 23rd October, 1900.—SHELL TRANSPORT AND TRADING COMPANY, LIMITED, of 16 Leadenhall Street, in the City of London, England, to Register in Class 47, in respect of Kerosene, a Trade Mark, of which the following is a representation :—

RISING SUN.

This Mark was first advertised in the Western Australian *Government Gazette* of the 2nd November, 1900—*vide* notice at head of Trade Mark advertisements.

Application No. 2037, dated 23rd October, 1900.—OGDEN'S, LIMITED, of Liverpool, England, and York Street, Sydney, New South Wales, Tobacco Manufacturers, to register in Class 45, in respect of Cigars, Cigarettes, and Tobacco, a Trade Mark, of which the following is a representation :—

SMILAX

This Mark was first advertised in the Western Australian *Government Gazette* of the 2nd November, 1900—*vide* notice at head of Trade Mark advertisements.

Application No. 2038, dated 23rd October, 1900.—OGDEN'S, LIMITED, of Liverpool, England, and York Street, Sydney, New South Wales, Tobacco Manufacturers, to register in Class 45, in respect of Cigars, Cigarettes, and Tobacco, a Trade Mark, of which the following is a representation :—

CORKSCREW

This Mark was first advertised in the Western Australian *Government Gazette* of the 2nd November, 1900—*vide* notice at head of Trade Mark advertisements.

Application No. 2039, dated 23rd October, 1900.—OGDEN'S, LIMITED, of Liverpool, England, and York Street, Sydney, New South Wales, Tobacco Manufacturers, to register in Class 45, in respect of Cigars, Cigarettes, and Tobacco, a Trade Mark, of which the following is a representation :—

LUCKY STAR

This Mark was first advertised in the Western Australian *Government Gazette* of the 2nd November, 1900—*vide* notice at head of Trade Mark advertisements.

Application No. 2040, dated 23rd October, 1900.—OGDEN'S, LIMITED, of Liverpool, England, and York Street, Sydney, New South Wales, Tobacco Manufacturers, to register in Class 45, in respect of Cigars, Cigarettes, and Tobacco, a Trade Mark, of which the following is a representation :—

BRUNO

This Mark was first advertised in the Western Australian *Government Gazette* of the 2nd November, 1900—*vide* notice at head of Trade Mark advertisements.

Application No. 2041, dated 23rd October, 1900.—OGDEN'S, LIMITED, of Liverpool, England, and York Street, Sydney, New South Wales, Tobacco Manufacturers, to register in Class 45, in respect of Cigars, Cigarettes, and Tobacco, a Trade Mark, of which the following is a representation :—

SPORTSMAN

This Mark was first advertised in the Western Australian *Government Gazette* of the 2nd November, 1900—*vide* notice at head of Trade Mark advertisements.

Application No. 2043, dated 30th October, 1900.—DEUTSCHE SPRENGST OFF-ACTIEN-GESELLSCHAFT, of Hamburg, in the German Empire, Manufacturers of Explosives, to register in Class 20, in respect of Fuses and Explosive

Substances, a Trade Mark, of which the following is a representation :—



The Trade Mark consists of the representation of the Sun (a human face surrounded by rays).

The said Trade Mark having been used in applicants' business, in respect of the goods mentioned, two years before January, 1885.

This Mark was first advertised in the Western Australian Government Gazette of 9th November, 1900—*vide* notice at head of Trade Mark advertisements.

Application No. 2045, dated 2nd November, 1900.—A. MARECHAL RUCHON AND COMPANY, of Nos. 17 and 19 Des Balkans, Paris, in France, Pipe Manufacturers, to register in Class 50, sub-section 4, in respect of Tobacco Pipes, a Trade Mark, of which the following is a representation :—



The said Trade Mark having been used by them and their predecessors in business, in respect of the article mentioned, for five years before the 1st day of January, 1885.

This Mark was first advertised in the Western Australian Government Gazette of 9th November, 1900—*vide* notice at head of Trade Mark advertisements.

Application No. 2046, dated 2nd November, 1900.—WILLIAM CAMERON & COMPANY PROPRIETARY, LIMITED, of Grenfell Street, Adelaide, South Australia, Tobacco Manufacturers, to register in Class 45, in respect of Tobacco, Cigars, and Cigarettes, a Trade Mark, of which the following is a representation :—

LUCKY HIT.

This Mark was first advertised in the Western Australian Government Gazette of 9th November, 1900—*vide* notice at head of Trade Mark advertisements.

Application No. 2047, dated 6th November, 1900.—FREDERICK CHARLES POWELL, of Old Exchange, Pirie Street, Adelaide, South Australia, Manufacturers' Agent, 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 :—

UNEEA.

This Mark was first advertised in the Western Australian Government Gazette of 16th November, 1900—*vide* notice at head of Trade Mark advertisements.

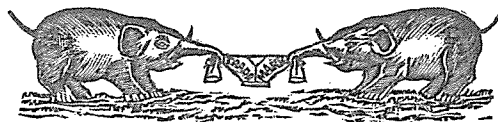
Application No. 2049, dated 16th November, 1900.—AERATORS LIMITED, of Broad Street Avenue, London, England, Manufacturers, to register in Class 13, in respect of Metal Capsules, a Trade Mark, of which the following is a representation :—

SPARKLETS

This Mark was first advertised in the Western Australian Government Gazette of 23rd November, 1900—*vide* notice at head of Trade Mark advertisements.

Application No. 2048, dated 9th November, 1900.—G. & R. WILLS & Co., of Western Australia, Wholesale Merchants, to register in Class 38, in respect of Articles of Clothing, a Trade Mark, of which the following is a representation :—

Universal Brand



The essential particulars of the above Trade Mark consist of the combination of devices, 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 the 30th November, 1900—*vide* notice at head of Trade Mark advertisements.

Application No. 2050, dated 20th November, 1900.—OGDEN'S, LIMITED, of Liverpool, England, and York Street, Sydney, New South Wales, Tobacco Manufacturers, to register in Class 45, in respect of Cigars, Cigarettes, and Tobacco, a Trade Mark, of which the following is a representation :—

BRITISH PLUCK.

This Mark was first advertised in the Western Australian Government Gazette of the 30th November, 1900—*vide* notice at head of Trade Mark advertisements.

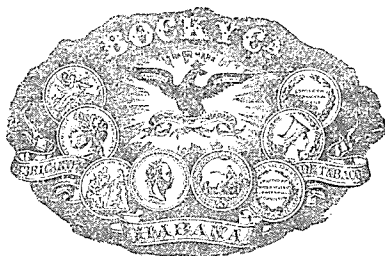
Application No. 2053, dated 21st November, 1900.—VINOLIA COMPANY, LIMITED, of Malden Crescent, London, England, Manufacturing Chemist, Perfumers and Soap Makers, to register in Class 47, in respect of Candles, Common Soap, Detergents, Illuminating, Heating, or Lubricating Oils, Matches, and Starch, Blue, and other preparations for

Laundry purposes, a Trade Mark, of which the following is a representation :—

LIRIL

This Mark was first advertised in the Western Australian Government Gazette of the 30th November, 1900—*vide* notice at head of Trade Mark advertisements.

Application No. 2057, dated 24th November, 1900.—HENRY CLAY AND BOCK & Co., LIMITED, Dashwood House, 9 New Broad Street, London, England, Manufacturers of Havana Cigars, to register in Class 45, in respect of Manufactured Tobacco, a Trade Mark, of which the following is a representation :—



The essential particulars of the Trade Mark are the combination of devices and the words "El Aguila de Oro," and applicants disclaim the right to the exclusive use of the added matter.

This Mark was first advertised in the Western Australian Government Gazette of the 30th November, 1900—*vide* notice at head of Trade Mark advertisements.

Application No. 2058, dated 24th November, 1900.—HENRY CLAY AND BOCK & Co., LIMITED, Dashwood House, 9 New Broad Street, London, England, Manufacturers of Havana Cigars, to register in Class 45, in respect of Manufactured Tobacco, a Trade Mark, of which the following is a representation :—

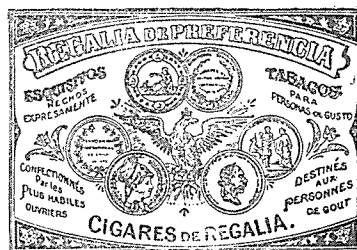


The essential particulars of the Trade Mark are the combination of devices and the words "El Aguila de Oro," and the signature "Bock y Ca." and applicants disclaim the right to the exclusive use of the added matter.

This Mark was first advertised in the Western Australian Government Gazette of the 30th November, 1900—*vide* notice at head of Trade Mark advertisements.

Application No. 2059, dated 24th November, 1900.—HENRY CLAY AND BOCK & Co., LIMITED, Dashwood House, 9 New Broad Street, London, England, Manufacturers of Havana Cigars, to register in Class 45, in respect of Manu-

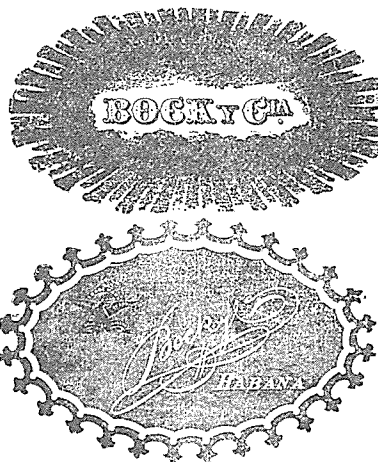
factured Tobacco, a Trade Mark, of which the following is a representation :—



The essential particulars of the Trade Mark are the combination of devices and the words "El Aguila de Oro," and applicants disclaim any right to the exclusive use of the added matter.

This Mark was first advertised in the West Australian Government Gazette of the 30th November, 1900—*vide* notice at head of Trade Mark advertisements.

Application No. 2060, dated 24th November, 1900.—HENRY CLAY AND BOCK & Co., LIMITED, Dashwood House, 9 New Broad Street, London, England, Manufacturers of Havana Cigars, to register in Class 45, in respect of Manufactured Tobacco, a Trade Mark, of which the following is a representation :—



The essential particulars of the Trade Mark are the combination of devices, and the words "El Aguila de Oro," and the signature "Bock y Ca.," 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 the 30th November, 1900—*vide* notice at head of Trade Mark advertisements.

Application No. 2061, dated 24th November, 1900.—HENRY CLAY AND BOCK & Co., LIMITED, Dashwood House, 9 New Broad Street, London, England, Manufacturers of Havana Cigars, 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 combination of devices, 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 the 30th November, 1900—*vide* notice at head of Trade Mark advertisements.

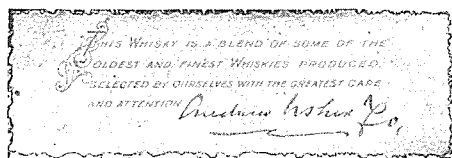
Application No. 1906, dated 8th May, 1900.—READ BROTHERS, LIMITED, Kentish Town, London, N.W., to register in Class 43, in respect of Fermented Liquors and Spirits, a Trade Mark, of which the following is a representation :—



The essential particulars of the Trade Mark consist of the device of a dog's head and the words "Dog's Head," and applicant Company disclaims any right to the exclusive use of the added matter, save and except its name and address.

This Mark was first advertised in the Western Australian *Government Gazette* of the 14th December, 1900—*vide* notice at head of Trade Mark advertisements.

Application No. 2065, dated 5th December, 1900.—ANDREW USHER AND COMPANY, of West Nicolson Street, Edinburgh, in North Britain, Distillers, to register in Class 43, in respect of Whisky, a Trade Mark, of which the following is a representation :—



The essential particular of the Trade Mark is the copy of the written signature, 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 the 14th December, 1900—*vide* notice at head of Trade Mark advertisements.

Application No. 2066, dated 6th December, 1900.—CHARLES ERNEST BARBOUR, of Hamilton Street, Boulder City, and SAMUEL BARBOUR, of Arcade, Barrack Street, Perth, in the Colony of Western Australia, Importers and Sewing Machine Dealers, to register in Class 6, in respect of Sewing Machines, a Trade Mark, of which the following is a representation :—

JEWEL.

This Mark was first advertised in the Western Australian *Government Gazette* of the 14th December, 1900—*vide* notice at head of Trade Mark advertisements.

Application No. 2068, dated 7th December, 1900.—ROBERT HENRY NEVILL JOHNSON, of 43 Holford Square, London, England, to register in Class 3, in respect of a medicine, a Trade Mark, of which the following is a representation :—

THERAPION.

This Mark was first advertised in the Western Australian *Government Gazette* of the 14th December, 1900—*vide* notice at head of Trade Mark advertisements.

Applications No. 2010 and 2011, dated 11th September, 1900.—CLARKE'S PYRAMID AND FAIRY LIGHT COMPANY, LIMITED, of Cricklewood Lane, Cricklewood, London, England, Manufacturers. Application No. 2010, to register in Class 47, in respect of Candles and Night Lights; and Application No. 2011, to register in Class 13, in respect of Lamps, a Trade Mark, of which the following is a representation :—

CRICKLITE

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

This Mark was first advertised in the Western Australian *Government Gazette* of 21st December, 1900—*vide* notice at head of Trade Marks advertisements.

Application No. 2073, dated 14th December, 1900.—AERATORS, LIMITED, of Broad Street Avenue, London, England, Manufacturers, 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 :—

SPARKLETS.

This Mark was first advertised in the Western Australian *Government Gazette* of the 21st December, 1900—*vide* notice at head of Trade Mark advertisements.

Applications Nos. 2078-9, dated 14th December, 1900.—THE MORGAN CRUCIBLE COMPANY, LIMITED, of Battersea Works, London, England, Crucible Manufacturers. Application No. 2078, to register in Class 16, in respect of Crucibles of all kinds, including plumbago crucibles and other fire-standing goods, porous cells and plates for galvanic batteries not being of metal or carbon; and application No. 2079, to register in Class 50, in respect of Plumbago, a manufactured article, Blacklead, a Trade Mark, of which the following is a representation :—

SALAMANDER.

The Mark has been used by the applicants and their predecessors in business since prior to 1st January, 1885.

This Mark was first advertised in the Western Australian *Government Gazette* of 21st December, 1900—*vide* notice at head of Trade Mark advertisements.

Application No. 2063, dated 1st December, 1900.—D. & W. MURRAY, LIMITED, of Barrack Street, Perth, in the Colony of Western Australia, Warehousemen, to register in Class 38, in respect of Corsets, a Trade Mark, of which the following is a representation :—

FEDERAL BELTED.

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

This mark was first advertised in the Western Australian *Government Gazette* of 28th December, 1900, *vide* notice at head of Trade Mark advertisements.