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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,  
1st December, 1899.

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. 2404.—JOHN GORE MASSIE, C.E.M.E., of Belleville, Illinois, in the County St. Clair and State of Illinois, United States of America, Engineer, "*An improved Method of Ventilating Mines, and apparatus therefor.*"—Dated 28th February, 1899.

#### Claims:—

1. The herein described method of ventilating mines by conducting a separate current of fresh air from a down-cast shaft or compartment of a shaft to each section or individual set of workings on each level of the mine through its own distinct passage or drive and then exhausting the foul air from such section or set of workings through a separate passage to an up-cast shaft or compartment so that the foul air from one section or set of workings will not be brought into contact with the miners in any other section or set of workings substantially as herein described and explained and as illustrated in the accompanying drawings.

2. In apparatus for use in the ventilation of mines an overcast comprising an open-ended box or cylinder fitted with a pivoted flap or door whereby it can be more or less opened or closed said cylinder being fitted across the upper part of the drives along which the intake air is passing substantially as herein described and explained and as illustrated in the accompanying drawings.

3. In apparatus for use in the ventilation of mines a regulator (as C) fitted with a sliding door (as C2) adapted to be secured in any desired position by means of a pin (as C3) passed through and secured within openings through said door and the framework (as C1) in which it slides substantially as and for the purposes herein described and explained and as illustrated in the accompanying drawings.

4. In apparatus for use in the ventilation of mines a fan the width of whose vanes equals one-third the diameter of the fan and which vanes are set back or inclined rearwardly one in four and formed to a curve described by the radius of the fan substantially as and for the purposes herein described and explained and as illustrated in the accompanying drawings.

5. In apparatus for use in the ventilation of mines a fan outlet is fitted with an adjustable shutter (as G) whereby the outlet therefrom can be enlarged or diminished at will substantially as and for the purposes herein described and explained and as illustrated in the accompanying drawings.

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

Application No. 2478.—HARRY PHILLIPS DAVIS, of 327 Neville Street, Pittsburgh, in the County of Allegheny, State of Pennsylvania, United States of America, Electrical Engineer, "*Improvements in Circuit Breakers.*"—Dated 22nd April, 1899.

#### Claims:—

1. A circuit breaker consisting of two members hinged together and provided with infusible circuit terminals between which is connected a fuse wire, so that when the wire breaks the members separate and a large gap is formed between the said terminals for the purpose specified.

2. In a circuit breaker of the kind described clamping one or both ends of the fuse wire in such a manner that said fuse wire can be released by pulling a cord or the like, substantially as described.

3. The means for detachable connecting a circuit breaker to a circuit, substantially as described.

4. Circuit breakers constructed substantially as described with reference to the accompanying drawings.

Specification, 6s. Drawings on application.

Application No. 2724.—THOMAS EDWARDS, of Webster Street, Ballarat, in the Colony of Victoria, Metallurgist, "*An improved Gas Generator, applicable in the Chlorination Process of Recovering Gold from Ores.*"—Dated 10th October, 1899.

#### Claims:—

1. In a gas generator, the combination with a shell as A, having trunnions on which it is adapted to be oscillated, of a lead liner as B, and ribs or the like whereby a chamber as C is formed, all substantially as and for the purposes set forth.

2. In a gas generator, a lead liner having thereon ribs having gaps, substantially as and for the purposes set forth.

3. In a gas generator, the combination with a shell adapted to oscillate on trunnions, of a cover having an acid inlet pipe and a gas outlet pipe, both bent downwards towards the trunnions, as shown in Figure 3, substantially as and for the purposes set forth.

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

Application No. 2756.—WILHELM GOTTFRIED PEDERSEN, of 17 Carolinevej, Hellerup, Denmark, Wholesale Dealer; LUDVIG ADLER, of 42 Vimmelskaflet, Copenhagen, Denmark, Manufacturer, and PETER NICOLAI HOLST, of 15 Odensegade, Copenhagen, Denmark, Director, "*A new or improved Cigarette-making Machine.*"—Dated 4th November, 1899.

#### Claims:—

1. In a cigarette-making machine in which the tobacco is introduced into the paper cover by means of a rod, the arrangement by which various forms of cigarettes can be obtained by applying plates (13) dies (12 and 50) of various form and thickness and mouthpieces 20 of a variable form, the device of scissors (42, 43, 44, 45) serving to cut the cigarettes and being actuated by the shaft of the machine, passing sideways and being adjustable to the desired length of the cigarette, in combination with a pedal device so arranged as to enable the operator to freely use both hands.

2. In machines of the kind ascertained in the first claim, the arrangement by which the box is rendered dust proof and capable of being dismounted by unscrewing the screw (26) and by removing the four conical tenons (25) the plates and the parts of the mould being made of glass.

Specification, 10s. Drawings on application.

Application No. 2763.—FRANCIS EDWARD ELMORE, of Pontefract Road, Hunslet, Leeds, in the County of York, England, Electro-Metallurgist, "*Improvements in separating Metallic from Rocky Constituents of Ores, and apparatus therefor.*"—Dated 7th November, 1899.

Claims:—

1. Process for separating the metallic from the rocky constituents of ore by mixing the pulverised ore first with water in considerable quantity, then adding to the mixture an oil of the kind described, which adheres to the metallic constituents but not to the rocky constituents allowing the water carrying the rocky material to subside while the oil carrying metallic constituents floats above and separating the oil from these constituents, substantially as described.

2. For separating metallic from rocky constituents of ore, apparatus comprising a revolving helically-ribbed drum, a subsidence vessel and a centrifugal drum, arranged and operating, substantially as described.

Specification, 4s. Drawings on application.

Application No. 2764.—RUDOLF DIESEL, of No. 2 Schack Strasse, Munich, Germany, Engineer, "*Improvements in or relating to Internal Combustion Engines.*"—Dated 7th November, 1899.

Claims:—

1. An internal combustion engine for liquid and gaseous combustibles, in which a mixture of air and combustible is compressed, and is artificially ignited near the inner dead point (inner end of the stroke), whereupon the combustion is regulated during its progress by the admission of a secondary combustible, whose quantity, time of injection, the admission period are regulated by the engine, as hereinbefore described.

2. An internal combustion engine for liquid and gaseous combustibles, in which a mixture of air and combustible is so highly compressed that, although the compression temperature does not attain the igniting temperature of the mixture, yet the igniting temperature of a second and more easily ignited combustible is reached or exceeded, so that the injection of the latter into the compressed mixture results in the ignition of this mixture.

3. An internal combustion engine for liquid and gaseous combustibles, in which a mixture of air and combustible is so highly compressed that, although the compression temperature does not attain the igniting temperature of the mixture, yet the igniting temperature of a second and more easily ignited combustible is reached or exceeded so that the injection of the latter into the compressed mixture results in the ignition of this mixture, whereupon the combustion is regulated during its progress by the admission of the secondary combustible, whose quantity, time of ignition, and admission period, are regulated by the engine, as hereinbefore described.

4. An internal combustion engine for liquid and gaseous combustibles, in which pure air is so highly compressed that the temperature resulting from its compression is higher than the igniting temperature of the combustible to be used, whereupon the supply of combustible commences near the inner dead point (inner end of the stroke), and the combustion resulting from the ignition is regulated during its progress by regulating the quantity, the time of admission, and the admission period of the combustible by means of the engine mechanism, as hereinbefore described.

5. An internal combustion engine for liquid and gaseous combustibles according to claims 1, 2, 3, and 4, in which the supply of the secondary combustible is effected by placing the compression chamber of the engine into communication with a vessel L for air or gaseous combustibles (Fig. 3) which pass over under excess pressure into the compression chambers of the engine when the nozzle plug n is opened, and in doing so carry along with them the liquid combustibles which have been mixed with them on the way.

6. An internal combustion engine for liquid and gaseous combustibles according to claims 1, 2, 3, and 4, in which the regulation of the quantity, the time of injection, and the admission period of the combustible is effected by a liquid combustible pump with valves of which one leads to the engine and the other to the reservoir A, the latter valve being kept closed for a longer or shorter time by a spring rod T which ascends and descends with the plunger K, with interposition of a wedge r which is actuated by the governor, as described.

7. In an internal combustion engine for liquid and gaseous combustibles according to claims 1, 2, 3, and 4, the regulation of the quantity, the time of ignition, and the admission period of the combustible by varying the pressure in the vessel L (Fig. 3) by means of an overflow valve actuated by the governor, as described.

8. In an internal combustion engine for liquid and gaseous combustibles according to claims 1, 2, 3, and 4, the automatic generation of the compressed air, for the starting and the introduction of the combustible, by means of the main piston of the engine, as described.

9. An internal combustion engine for liquid and gaseous combustibles according to claims 1, 2, 3, and 4, in which the starting is effected by working the engine for a short time as a compressed air engine, as described.

10. An internal-combustion engine constructed, arranged and operating as hereinbefore described, with reference to and shown in the accompanying drawings.

Specification, 16s. Drawings on application.

Application No. 2765.—JAMES GITSHAM, of 445 Punt Road, Richmond, in the Colony of Victoria, Metallurgist, "*Improved Method or Process for the Extraction and Recovery of Zinc from Sulphide Ores.*"—Dated 7th November, 1899.

Claims:—

1. My hereinbefore described process for the extraction and recovery of zinc sulphide ores consisting essentially in pulverising and roasting the ore at a temperature insufficient to volatilize the zinc contained therein adding metallic zinc thereto, leaching firstly with water

and afterwards with one or more weak solutions of sulphuric acid, applying steam into such solutions to increase the temperature of and agitate same, and lastly the application of an alkali to produce neutralization of the acid and precipitate the zinc contents from the solution, substantially as and for the purposes set forth.

2. My hereinbefore described method or process consisting in first pulverising and secondly roasting the ore at a temperature of about six hundred degrees Fahr., thirdly adding powdered metallic zinc in the proportion of one per centum by weight to the ore, fourthly by leaching such mixture with water, fifthly by leaching the mixture with one or more solutions composed of from two to ten per centum of sulphuric acid by weight with water, sixthly applying steam to the solutions so as to raise them to a heat not exceeding two hundred degrees Fahr. and to agitate them, seventhly by the application of sodium or analogous alkali in sufficient quantity to the acid solution to neutralize same and to cause precipitation of the zinc from the solution and removing the precipitates from the solution, substantially as and for the purposes set forth.

3. In the method or process as claimed in claims one and two the cyclic operation of the solution, with or without fortification from the first to the last step twice or oftener until such solutions become sufficiently charged with zinc to economically justify neutralization by an alkali.

Specification, 6s.

Application No. 2767.—FREDERICK ISITT, of Leichhardt, near Sydney, in the Colony of New South Wales, Gas Engineer, "*Improvements in Gas Lighting Mantles and Incandescent Materials therefor.*"—Dated 10th November, 1899.

Claims:—

1. An improved incandescent material composed of a base of thorium with silica, impregnated with a developer of calcium and magnesium, with or without chromium, substantially as and in the proportions described.

2. An improved incandescent material composed of a base of thorium with silica, impregnated with a developer of calcium and magnesium, with chromium and cerium, or either of them, substantially as and in the proportions described.

3. An improved incandescent mantle produced by impregnating an organic fabric with silicate of soda, treating with hydrochloric acid to precipitate silicic acid, washing, and drying, then impregnating with a soluble salt of thorium, and incinerating to destroy the organic fabric, and then applying a developer consisting of oxides of calcium and magnesium in a solution of nitro-cellulose, substantially as and in the proportions set forth.

4. An improved incandescent mantle produced by impregnating an organic fabric with silicate of soda, treating with hydrochloric acid to precipitate silicic acid, washing, and drying, then impregnating with a soluble salt of thorium, and incinerating to destroy the organic fabric, and then applying a developer consisting of calcium and magnesium with chromium and cerium or either of them in the form of salts, substantially as and in the proportions set forth.

5. The herein described process of manufacture of incandescent subjects consisting in treating a silicated fabric with hydrochloric acid, washing, drying, impregnating with thorium, incinerating, and impregnating with calcium and magnesium oxides in a vehicle of nitro-cellulose, substantially as and in the proportions set forth.

6. The herein described process of manufacture of incandescent subjects consisting in treating a silicated fabric with hydrochloric acid, washing, drying, impregnating with thorium, incinerating, and impregnating with salts of calcium and magnesium with chromium and cerium or either of them, substantially as and in the proportions set forth.

7. An incandescent mantle consisting of a skeleton containing thorium oxide and coating containing approximately calcium oxide 50 parts and magnesium oxide 50 parts, with or without chromium oxide 0.75 parts, manufactured substantially as herein described.

8. An incandescent mantle consisting of a skeleton containing thorium oxide and a coating containing approximately calcium oxide 15 to 30 parts, and magnesium oxide 70 to 85 parts, with or without chromium oxide 0.09 to 0.15 parts and cerium oxide 0.09 to 0.15 parts, manufactured substantially as herein described.

9. In the manufacture of incandescent mantles, the herein described process of coating a skeleton consisting principally of thorium oxide with oxides of calcium and magnesium with or without oxides of chromium and cerium or either of them in the proportions specified, which consists in impregnating said skeleton with a colloid or other alcoholic medium or with chloroform, ether, or benzol, carrying said oxides in suspension or holding salts thereof in solution, and incinerating the same when dry, substantially as described.

10. In the manufacture of incandescent subjects by the impregnation of a skeleton of thorium, or zirconium with oxides adapted to produce illuminating effects, the herein described preliminary treatment of the fabric on which said skeleton is made with silicate of soda and hydrochloric acid.

Specification, 11s. 6d.

Application No. 2768.—JOHN THOMAS, of 53 Bloemfontein Avenue, Uxbridge Road, London, England, Engineer, "*An improved Saddle Clip for Cycles and the like.*"—Dated 10th November, 1899.

Claims:—

1. In saddle clips for cycles and the like, a saddle pillar yoke clip formed in half parts having sectoral centre parts together adapted to engage the saddle pillar nearly all around with a radial grip at every part, and each having oppositely projecting lateral extensions tapering from an oblong shape to semi-circular and externally screwed end continuations and adapted, when the half parts are *in situ*, to together form oblong extensions spaced apart at their edges and interlocking tubular end continuations, as set forth.

2. In saddle clips for cycles and the like, in combination, a saddle pillar yoke clip formed in half parts having sectoral centre parts together adapted to engage the saddle pillar nearly all around with a radial grip at every part, and each having oppositely projecting lateral extensions tapering from an oblong shape to semi-circular and externally screwed end continuations and adapted when the half parts are *in situ*, to together form oblong extensions apart at their edges and interlocking tubular end continuations, and a pair of co-acting washers and a nut for each such extension, the two pairs of washers being adapted to support

the saddle frame between them in a variable position, and the two washers having their bores shaped and adapted to engage with diverging oblong parts of the respective yoke clip lateral extensions, and the two outer washers being mounted on the cylindrical parts of such extensions in adjustable relation to the inner washers, and the nut serving to press the respective outer washers against the inner washers, so as to hold the saddle frame between them and to force the inner washers on the respective diverging oblong parts of the yoke clip extensions so as to cause the yoke clip centre parts to grip the saddle pillar circumferentially with a radially operating grip bearing equally at all parts, as set forth.

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

MALCOLM A. C. FRASER,  
Registrar of Patents.

Patent Office, Perth,  
24th November, 1899.

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, 24th November, 1899.*

Application No. 2739.—JOHN COUGHLAN, of Denmark, Western Australia, Driver, "*Improved Flexible Spider Harness for Horse Traction.*"—Dated 20th October, 1899.

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

Application No. 2769.—JACOB STEIGER, of 24 Finsbury Square, London, England, "*Improvements in the Manufacture of Cement.*"—Dated 14th November, 1899.

Specification, 5s. 6d.

Application No. 2757.—EDWARD WATERS, junior, a member of the firm of EDWARD WATERS & SON, of No. 131 William Street, Melbourne, in the Colony of Victoria, Patent Agents (*The Linotype Company, Limited*), "*Improvements in Linotype Machines.*"—Dated 4th November, 1899.

Specification, £2 3s. Drawings on application.

Application No. 2758.—EDWARD WATERS, jun., a member of the firm of Edward Waters & Son, of 131 William Street, Melbourne, in the Colony of Victoria, Patent Agent (*The Linotype Company, Limited*), "*Improvements in Linotype Machines.*"—Dated 4th November, 1899.

Specifications, £1 12s. Drawings on application.

Application No. 2759.—EDWARD WATERS, jun., a member of the firm of EDWARD WATERS & SON, of No. 131 William Street, Melbourne, in the Colony of Victoria, Patent Agents (*George Westinghouse and Edwin Rund*), "*Improvements in Internal Combustion Engines.*"—Dated 4th November, 1899.

Specification, 10s. Drawings on application.

MALCOLM A. C. FRASER,  
Registrar of Patents.

Patent Office, Perth,  
17th November, 1899.

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, 17th November, 1899.*

Application No. 2388.—HERBERT VAUGHAN HAMPTON, of 504 Elizabeth Street, Melbourne, in the Colony of Victoria, Engineer, "*Improvements in Oil-explosion Engines.*"—Dated 8th February, 1899.

Specification, 8s. Drawings on application.

Application No. 2511.—WILFRID HAMPSON, of Southern Cross, in the Colony of Western Australia, Roman Catholic clergyman, "*An Improved Process of Extracting Gold from Ore commonly known as 'Kanowna Pug,' to be called the 'Petra-absorption Process.'*"—Dated 10th May, 1899.

Specification, 3s. 6d.

APPLICATION No. 2595.—EMILE BEDE, of Brussels, Belgium, Engineer, "*Improvements connected with Electric Traction.*"—Dated 10th July, 1899.

Specification, 13s. Drawings on application.

Application No. 2740.—FRASER and CHALMERS, LIMITED, of 43 Threadneedle Street, London, England (Assignee of JOHN STUMPF), "*Improvements in High Speed Pumps.*"—Dated 21st October, 1899.

Specifications, 10s. Drawings on application.

Application No. 2741.—ERNEST BURTON, of Wickham Terrace, Brisbane, in the Colony of Queensland, Dentist, and RICHARD BOYD ECHLIN, of Toowong, near Brisbane, aforesaid, Journalist, "*An Improved Ticket Printing and Issuing Machine applicable to enumerating Machines, such as Totalisator Machines.*"—Dated 21st October, 1899.

Specification, £1 1s. Drawings on application.

Application No. 2742.—JAMES WILSON, of 274 Flinders Street, Melbourne, Manager, and GEORGE WILLIAM WALKER, of 12 Austin Street, Hawthorn, Electrician, both in the Colony of Victoria, "*An Improvement in Telephone Circuits, applicable to Mining and other purposes.*"—Dated 21st October, 1899.

Specification, 4s. Drawings on application.

Application No. 2748.—MEYER JOSEPH DAVIDSEN, of 29 Vestergade, Copenhagen, Denmark, Civil Engineer, "*Improvements in Mills for pulverising or pulverising and mixing Cements and other Substances.*"—Dated 28th October, 1899.

Specification, 5s. Drawings on application.

Application, No. 2753.—RICHARD SPARROW, of Barrack Street, Perth, Western Australia, Patent Agent (*Joseph Baxeres de Alzugaray*), "*Improvements relating to the Extraction of Gold, Silver, and other Metals from Ores, and the like.*"—Dated 1st November, 1899.

Specification, 7s. Drawings on application.

Application No. 2754.—AMEDEE MATHURIN GABRIEL SEBILLOT, of 60 Boulevard de Clichy, Paris, France, Engineer, "*Improvements in the manufacture of Sulphuric Acid.*"—Dated 1st November, 1899.

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

MALCOLM A. C. FRASER,  
Registrar of Patents.

Patent Office, Perth,  
10th November, 1899.

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For particulars of claims, vide Gazette No. 45, 10th November, 1899.

Application No. 2744.—ALFRED HARVEY, a member of the firm of ALFRED HARVEY & COMPANY, of 48 William Street, Melbourne, in the Colony of Victoria, Tea Brokers (*Charles Howard Windle*), "*An improved method of and means for securing Corrugated Sheet Iron to the Purlins of Roofs.*"—Dated 24th October, 1899.

Specification, 4s. Drawings on application.

Application No. 2745.—EDWARD HARNETT, of St. Peter's Cottage, Usk Road, Battersea, in the County of London, England, Engineer, "*Improvements in the application of Springs to Cycles.*"—Dated, 24th October, 1899.

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

Application No. 2746.—DAVID WILLIAM HARWOOD, of 40 Milligan Street, Perth, Western Australia, Gentleman, "*Pneumatic Malting Process, and Constructive Arrangement for the effecting of same.*"—Dated 25th October, 1899.

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

Application No. 2747.—ALFRED STEVENS and WILLIAM STEPHEN PENNEY, both of 99 Cannon Street, London, E.C., England, Boatbuilders, "*Improvements in or relating to Brakes for Road and other Vehicles.*"—Dated 25th October, 1899.

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

Application No. 2749.—ADOLPH SOMMER, of Cambridge, in the County of Middlesex, State of Massachusetts, United States of America, Manufacturer, "*Solutions of Sweet Carbamides in Oils, Fats, Waxes, Resins, and process of making the same.*"—Dated 28th October, 1899.

Specification, 6s. 6d.

Application No. 2752.—HERBERT LOUIS JACKMAN, Architect, and WALTER CHARLES TORODE, Contractor, both of 75 King William Street, Adelaide, South Australia, "*Improvements in and connected with Windows, Screens, and Frames.*"—Dated 1st November, 1899.

Specification, 5s. Drawings on application.

Application No. 2755.—HENRY TEESDALE SMITH and EDWARD SHOTTER HUME, both of Albany, Western Australia, Mill Manager and Engineer, respectively, "*Telescopic Draw-bar for railway trucks and such like vehicles.*"—Dated 3rd November, 1899.

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

MALCOLM A. C. FRASER,  
Registrar of Patents.

Patent Office, Perth,  
3rd November, 1899.

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For particulars of claims, vide Gazette No. 44, 3rd November, 1899.

Application No. 2438.—GEORGE WESTINGHOUSE, of Pittsburgh, Allegheny, Pennsylvania, United States of America, Engineer; CHARLES APPLETON TERRY, of New York, United States of America, Patent Attorney, and HARRY PHILLIPS DAVIS, of Pittsburgh, aforesaid, Electrical Engineer, "*Improvements relating to Collectors and Conductors for Electric Railways on the Overhead System.*"—Dated 1st May, 1899.

Specification, 15s. Drawings on application.

Application No. 2495.—BENJAMIN GARVER LAMME, of Pittsburgh, Allegheny, Pennsylvania, United States of America, Electrical Engineer, "*Improvements in Direct Current Systems of Electrical Distribution.*"—Dated 2nd May, 1899.

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

Application No. 2703.—GEORGE BOARDMAN WEBB, of Westfield, New Jersey, United States of America, Mechanical Engineer, "*Improvements in Measuring Faucets.*"—Dated 26th September, 1899.

Specification, 13s. Drawings on application.

Application No. 2715.—EDWARD WATERS, jun., a member of the firm of Edward Waters & Son, of William Street, Melbourne, Victoria, Patent Agent (*George Westinghouse and Edwin Ruud*), "*Improvements in Gas Engines.*"—Dated 3rd October, 1899.

Specification, 42s. Drawings on application.

Application No. 2729.—SOLOMON ROBERT DRESSER, of Bradford, Pennsylvania, United States of America, Inventor, "*Improvements in Pipe Couplings.*"—Dated 13th October, 1899.

Specification, 9s. Drawings on application.

Application No. 2733.—JOHN AUGUSTUS BAGSHAW and THOMAS HENRY BAGSHAW, of Elizabeth Street, Adelaide, South Australia, Engineers and Agricultural Implement Makers, "*A Duplex Threshing and Heading Machine for threshing Grain from the Sheaf.*"—Dated 17th October, 1899.

Specification, 6s. Drawings on application.

Application No. 2735.—ALBERT EDWARD HORLICK PAYNE, of 2 Park Road, Upper Baker Street, London, England, Builder's Manager, "*Improvements in or relating to Ready Reckoners, and the like.*"—Dated 17th October, 1899.

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

MALCOLM A. C. FRASER,  
Registrar of Patents.

Patent Office, Perth,  
27th October, 1899.

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For particulars of claims, vide Gazette No. 43, 27th October, 1899.

Application No. 2691.—SAMUEL LESEM, of 1532 Race Street, Denver, Colorado, United States of America, Insurance Agent (Assignee of GEORGE WESLEY PICKETT), "*Improvements in Electric Rock Drills.*"—Dated 25th September, 1899.

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

Application No. 2702.—THOMAS ALVA EDISON, Inventor, of Llewellyn Park, Orange, New Jersey, United States of America, "*Improvements in Horizontal Crushings or Grinding Rolls.*"—Dated 26th September, 1898.

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

Application No. 2705.—HENRI DOLTER, of 41 Rue Taitbout, Paris, France, Engineer, "*Improvements in apparatus for Electric Traction.*"—Dated 26th September, 1899.

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

Application No. 2707.—GEORGE RICHARD HILDYARD, of 32 East Dulwich Road, Surrey, England, Printer, "*Improvements in the Manufacture of Plates for Printing.*"—Dated 29th September, 1899.

Specification, 6s. 6d.

Application No. 2708.—JAMES MACTEAR, of 28 Victoria Street, Westminster, London, England, Chemical Engineer, "*Improvements in the obtaining of Cyanogen Compounds.*"—Dated 29th September, 1899.

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

Application No. 2712.—JOHN ALSTINE SECOR, Engineer, of 1177 Dean Street, Borough of Brooklyn, City and State of New York, United States of America, "*Improvements in means for Marine Propulsion.*"—Dated 3rd October, 1899.

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

Application No. 2713.—HENRY TINDAL, of 12 Sarphatikade, Amsterdam, in the Netherlands, Gentleman, "*An Improved Apparatus for the Production of Ozone.*"—Dated 3rd October, 1899.

Specification, 5s. Drawings on application.

Application No. 2714.—HENRY TINDAL, of 12 Sarphatikade, Amsterdam, in the Netherlands, Gentleman, "*An Improved Apparatus for Sterilising Liquids by Ozone.*"—Dated 3rd October, 1899.

Specification, 10s. Drawings on application.

Application No. 2720.—RICE OWEN CLARK, jun., of Hobsonville, Auckland, New Zealand, Pipe Manufacturer, "*Improvements in Machines for working Clay and the like.*"—Dated 7th October, 1899.

Specifications, 2s. Drawings on application.

Application No. 2725.—ROBERT HENRY JEFFREY, of 45 Hornsey Lane Gardens, Highgate, in the County of Middlesex, England, Mining Engineer, "*Improvements in Ore Feeders.*"—Dated 10th October, 1899.

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

Application No. 2728.—JOHN JAMES ROTH, of 211 Clarence Street, Sydney, New South Wales, Importer, "*A New and Improved Method of Displaying Advertisements.*"—Dated 13th October, 1899.

Specification, 1s. 6d.

Application No. 2731.—WILLIAM EDWARD SHAW, of "Penlee," Prospect Road, Summer Hill, near Sydney, New South Wales, Merchant, "*An Improved Lid or Cover for Cylindrical Metal Vessels closed by a tagger tin-plate top.*"—Dated 17th October, 1899.

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

Application No. 2732.—MATTHEW MAY, of Burra in the Province of South Australia, Engineer, "*An Improved Rotatory Circular Vanning Table.*"—Dated 17th October, 1899.

Specification, 9s. Drawings on application.

Application No. 2734.—GEORGE JOHN HOSKINS, of Sydney, New South Wales, Engineer, "*An Improved Mode of and Apparatus for, making Cores for Pipes and other Cylindrical Castings.*"—Dated 17th October, 1899.

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

MALCOLM A. C. FRASER,

Registrar of Patents.

Patent Office, Perth,

20th October, 1899.

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. 42, 20th October, 1899.

Application No. 2366.—EDWARD GOODRIDGE, of Royal Hotel, Moss Vale, in the Colony of New South Wales, Hotelkeeper, "*An improved Urinal.*"—Dated 16th January, 1899.

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

Application No. 2668.—FREDERICK CHARLES SAUNDERS, of 4 Marli Place, Esplanade, St. Kilda, in the Colony of Victoria, Managing Clerk (Arthur Saunders), "*An improved Framing or Support for the Display of Bottles, Jars, and like vessels.*"—Dated 5th September, 1899.

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

Application No. 2709.—EDWARD WILLIAM PARISH, of 281 Strand, in the County of London, England, Commercial Traveller, "*Improvements in Low-pressure Steam Apparatus for cooking, heating, drying, evaporating, steam-generating, and similar purposes.*"—Dated 29th September, 1899.

Specification, 6s. Drawings on application.

Application No. 2717.—GEORGE WILLIAM TIFFEN, of Collins Street, Melbourne, in the Colony of Victoria, in the Colony of New Zealand, "*Improvements in Skylight Frames and the like.*"—Dated 7th October, 1899.

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

Application No. 2718.—ALBERT CLAYTON PALMER, of Euroa, in the Colony of Victoria, Miller, "*Improvements in Appliances for the removal from and replacing of Pneumatic Tyres on Wheel Rims.*"—Dated 7th October, 1899.

Specification, 8s. Drawings on application.

Application No. 2719.—JAMES CAMPBELL, of Broad Arrow, in the Colony of Western Australia, Civil Engineer, and LIONEL RICHARD DAVIS, of Broad Arrow aforesaid, Civil Servant, "*Improvements in Reflector Lights for Pianos and like Musical Instruments.*"—Dated 7th October, 1899.

Specification, 8s. Drawings on application.

Application No. 2722.—JOSEPH JAMES JOYCE, of No. 414 Elizabeth Street, Sydney, in the Colony of New South Wales, Bag Manufacturer, "*An improved Printing Surface or Block.*"—Dated 10th October, 1899.

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

MALCOLM A. C. FRASER,  
Registrar of Patents.

Patent Office, Perth,  
13th October, 1899.

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, 13th October, 1899.*

Application No. 2465.—JOHN WILSON ARCHIBALD, of Sylvester Street, Coolgardie, in the Colony of Western Australia, Mechanical Engineer, "*A Pneumatic Elevator.*"—Dated 12th April, 1899.

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

Application No. 2503.—ARTHUR FRANCIS BRIDGES, of Gisborne, in the Colony of New Zealand, Settler (Assignee of JAMES SMITH ALLAN), "*An Improved Rain-water Filter.*"—Dated 8th May, 1899.

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

Application No. 2599.—JOHN MILLAR DONNES, Accountant, and HENRY WILLIAM TIMS, Mechanic, both of Kalamunda, Western Australia, "*An Improved Dry Blower.*"—Dated 11th August, 1899.

Specification, 2s. Drawings on application.

Application No. 2649.—THOMAS EDWARD MEATS, of Plympton, in the Colony of Western Australia, Labourer, "*An Improved Machine for the Extraction of Minerals, chiefly gold or tin, and Precious Stones, to be known as 'The Giant Gold or Tin Separator.'*"—Dated 22nd August, 1899.

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

Application No. 2679.—OLIVER PARKER, of Kalgoorlie, Western Australia, Engineer, "*Improved construction of low pressure Boilers whereby their clean-out is made easy.*"—Dated 13th September, 1899.

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

Application No. 2680.—HENRY ALEXANDER HANCOX, Draughtsman, and ROBERT JAMES HANCOX, Engineer, both of 151 Mansfield Street, Balmain, Sydney, New South Wales, "*Improvements in Rotary Engines alike adaptable to Rotary Pumps.*"—Dated 16th September, 1899.

Specifications, 9s. Drawings on application.

MALCOLM A. C. FRASER,  
Registrar of Patents.

Patent Office, Perth,  
6th October, 1899.

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. 40, 6th October, 1899.*

Application No. 2677.—AUGUST JULIUS METZLER, of Sydney, New South Wales, Brewer, "*Improvements in the Gelatinising of Brewing Grain.*"—Dated 12th September, 1899.

Specifications, 7s. Drawings on application.

Application No. 2678.—ALPHONSE DENAEYER, of 3 Place Liedts, Brussels, Belgium, Chemist, "*Improved Manufacture of Cocoa, Chocolate, or other Alimentary Substances.*"—Dated 12th September, 1899.

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

MALCOLM A. C. FRASER,  
Registrar of Patents.

Applications for Patents.

NOVEMBER 11TH—25TH.

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

No.	Date.	Name.	Address.	Title.
2769	14th Nov., 1899	Steiger, J. ... ..	London, England ...	Improvements in the manufacture of cement.
*2770	16th Nov., 1899	Campbell, C. ... ..	Macquarie, Tas. ...	An improved ballast truck.
*2771	16th Nov., 1899	Hatt, D. ... ..	Broad Arrow, W.A.	An improved construction of condenser for evaporating salt or impure water.
2772	21st Nov., 1899	Turri, G. G. ( <i>American Lithographic Co.</i> , assignee of E. Hett).	Melbourne, Vict. ...	Improvements in transferring and printing, and mechanisms therefor.
2773	21st Nov., 1899	Turri, G. G. ( <i>American Lithographic Co.</i> , assignee of E. Hett).	Melbourne, Vict. ...	Improvements in making printing surfaces, and mechanisms therefor.
2774	21st Nov., 1899	Turri, G. G. ( <i>American Lithographic Co.</i> , assignee of E. Hett).	Melbourne, Vict. ...	Improvements in printing, and mechanisms therefor.
2775	21st Nov., 1899	Oxenham, S. ... ..	Poverty Bay, N.Z.	Appliance for straining water before it enters a storage tank.
2776	21st Nov., 1899	Oxenham, S. ... ..	Poverty Bay, N.Z.	An improved automatic mode of and apparatus for ejecting silt and deposit from tanks and cisterns.
2777	21st Nov., 1899	Oxenham, S. ... ..	Poverty Bay, N.Z.	An improved guard to protect house guttering from the intrusion of small birds and the deposit of refuse matter.
2778	21st Nov., 1899	Charles, A. L. P. ... ..	Orleans, France ...	New or improved facing for the pedals of bicycles, the steps of carriages, the steps of staircases, and the like.
2779	21st Nov., 1899	Smith, I. ... ..	Nottingham, England	Improvements in apparatus for use as a meter, motor, pump, and similar purposes.
2780	21st Nov., 1899	Barnett, M. ... ..	Charters Towers, Queensland	Automatic enumerating machine and apparatus for embossing and issuing checks or tickets.
2781	21st Nov., 1899	Menz, R. ... ..	Adelaide, S.A. ...	Improvements in cooling safes or chambers.
2782	21st Nov., 1899	Buchan, H. J. ... ..	Redfern, N.S.W. ...	Improvements in acetylene generators.
2783	22nd Nov., 1899	Green, G. H. ... ..	Unley, S.A. ...	Improved mechanism for fare boxes and tills for receiving and automatically registering and recording fares.
2784	25th Nov., 1899	Richmond Gold and Silver Cigarette Co. (assignee of C. M. Richmond)	New York, U.S.A.	Improvements in cigarette wrappers.
2785	25th Nov., 1899	Desrumaux's Automatic Water Softener and Purifier, Ltd. (assignee of H. Desrumaux)	Leeds, England ...	Improvements in apparatus for purifying water and other liquids.

Provisional Specifications.

Patent Office, Perth,  
1st December, 1899.

APPLICATIONS for Letters Patent, accompanied by Provisional Specifications, which have been accepted from the 11th to the 25th November, 1899:—

Application No. 2738.—WILLIAM SHEARING, of Port Road, Carrandown, South Australia, Manufacturer, and JOHN HARRIS JONES, of Glanton Street, West Hindmarsh, South Australia, Commission Agent, "*An Improved Method of and Means for Calcining Auriferous Clay or Cement.*"—Dated 20th October, 1899.

Application No. 2750.—ALEXANDER MEARNES RUST, of 103 Queen Street, Auckland, New Zealand, School Teacher, "*Improved Apparatus for Regulating or Controlling Marine Engines.*"—Dated 28th October, 1899.

Application No. 2751.—JOHN MILLER, of 36 Dock Road, Balmain, New South Wales, Engineer, "*Improvements in the Apparatus for use in the Generation or Production of Acetylene or other Hydro-carbon Gas.*"—Dated 1st November, 1899.

Application No. 2760.—SIEGFRIED GIRONCOLI, of 14 Schiffgarse, Klagenfurt, Corinthia, Austria, Gentleman, "*A process of Preserving Meat.*"—Dated 6th November, 1899.

Application No. 2770.—CHARLES CAMPBELL, of Kelly's Basin, Macquarie, Tasmania, Carpenter, "*An Improved Ballast Truck.*"—Dated 16th November, 1899.

Application No. 2771.—DAVID HATT, of Broad Arrow, Western Australia, Plumber, "*An Improved Construction of Condenser for Evaporating Salt or Impure Water.*"—Dated 16th November, 1899.

MALCOLM A. C. FRASER,  
Registrar of Patents.



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\* Issued 8th September, 1899.

Trade Marks.

Patent Office, Perth,  
1st December, 1899.

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.

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

Application No. 1751, dated 15th September, 1899.—SARGOOD, BUTLER, NICHOL, & EWEN, Wellington Street, Perth, Warehousemen, to register in Class 38, in respect of Boots and Shoes, a Trade Mark, of which the following is a representation :—



The essential particulars of the Trade Mark are the device and the word "Invicta."

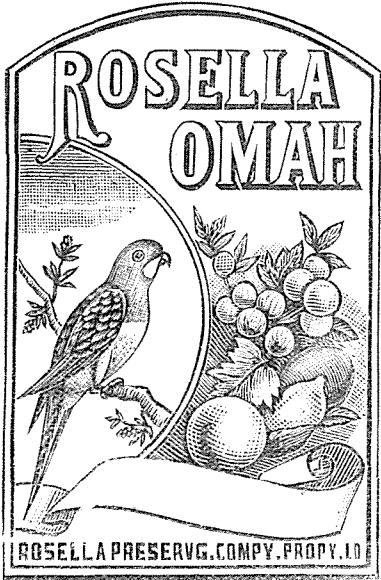
This Mark was first advertised in the Western Australian Government Gazette of the 6th October, 1899—vide notice at head of Trade Mark advertisements.

Application No. 1752, dated 18th September, 1899.—S. HOFFMUNG & Co., Pitt Street, Sydney, in the Colony of New South Wales, to register in Class 45, in respect of Manufactured or Unmanufactured Tobaccos, a Trade Mark, of which the following is a representation :—

WEALTH OF NATIONS.

This Mark was first advertised in the Western Australian Government Gazette of the 6th October, 1899—vide notice at head of Trade Mark advertisements.

Application No. 1725, dated 8th August, 1899.—ROSELLA PRESERVING COMPANY PROPRIETARY, LIMITED, of Errol Street, North Melbourne, in the Colony of Victoria, 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 particulars of the Trade Mark are the combination of devices and the word "Omah;" and applicant Company disclaims any right to the exclusive use of the added matter except in so far as it consists of their trading name.

This Mark was first advertised in the Western Australian Government Gazette of 13th October, 1899—vide notice at head of Trade Mark advertisements.

Application No. 1785, dated 18th August, 1899.—SIDNEY HYMUS, of Hay Street, Perth, Western Australia, Chemist, 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:—

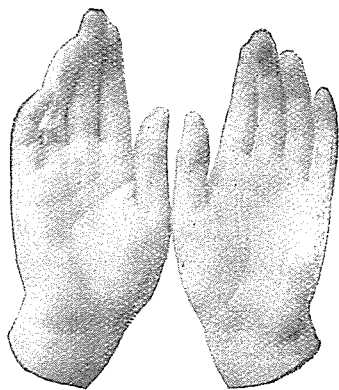
## DANKERS



The essential particulars of the Trade Mark are (1) the word "Dankers," and (2) the representation of an eye.

This Mark was first advertised in the Western Australian Government Gazette of the 13th October, 1899—*vide* notice at head of Trade Mark advertisements.

Application No. 1745, dated 2nd September, 1899.—THE AMERICAN DUNLOP TIRE COMPANY, Belleville, State of New Jersey, U.S.A., to register in Class 40, in respect of Tires and Appurtenances thereof, a Trade Mark, of which the following is a representation:—



This Mark was first advertised in the Western Australian Government Gazette of the 13th October, 1899—*vide* notice at head of Trade Mark advertisements.

Application No. 1757, dated 26th September, 1899.—JOHN LYSAGHT, LIMITED, of St. Vincent Iron Works, Bristol, in England, Iron Manufacturers and Galvanisers, to register in Class 5, in respect of Galvanised Iron and Wire, Fencing Wire, Sheet Iron, Plate Iron, Bar Iron, and Boiler Plates, a Trade Mark, of which the following is a representation:—



The said Trade Mark having been used by them in respect of the articles mentioned for upwards of one year before the 1st day of January, 1885.

This Mark was first advertised in the Western Australian Government Gazette of the 13th October, 1899—*vide* notice at head of Trade Mark advertisements.

Application No. 1758, dated 26th September, 1899.—JOHN LYSAGHT, LIMITED, of St. Vincent Iron Works, Bristol, in England, Iron Manufacturers and Galvanisers, to register in Class 5, in respect of Galvanised Iron and Wire, Fencing Wire, Sheet Iron, Plate Iron, Bar Iron, and Boiler Plates, a Trade Mark, of which the following is a representation:—

## REDCLIFFE CROWN.

The said Trade Mark having been used by them and their predecessors in business in respect of the articles mentioned for upwards of one year before the 1st day of January, 1885.

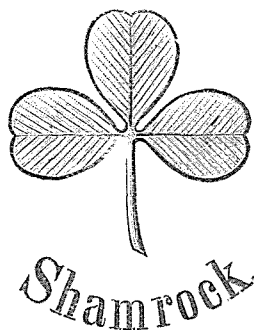
This Mark was first advertised in the Western Australian Government Gazette of the 13th October, 1899—*vide* notice at head of Trade Mark advertisements.

Applications Nos. 1759 and 1760, dated 27th September, 1899.—VINOLIA COMPANY, LIMITED, of Malden Crescent, London, England, Manufacturing Chemists, 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. Application No. 1760 to register in Class 48, in respect of Perfumery (including Toilet Articles, Preparations for the Teeth and Hair, and Perfumed Soap) a Trade Mark, of which the following is a representation:—

## RED CAP

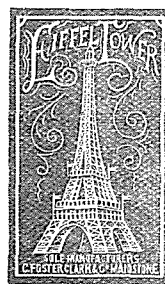
This Mark was first advertised in the Western Australian Government Gazette of the 13th October, 1899—*vide* notice at head of Trade Mark advertisements.

Applications Nos. 1761 and 1762, dated 29th September, 1899.—ELLEN BENNETT, of Boulder City, Western Australia, Cordial Maker, to register in Class 15, in respect of Glass; Application No. 1762, 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:—



This Mark was first advertised in the Western Australian Government Gazette of the 13th October, 1899—*vide* notice at head of Trade Mark advertisements.

Application No. 1767, dated 7th October, 1899.—G. FOSTER, CLARK & Co., of Maidstone, Kent, England, Manufacturers, to register in Class 42, in respect of Fruit Juices and Essences, Lemonade Powder, non-Alcoholic Wine Preparations, Blanc-mange Powders, Fruit Jellies in slabs, cuttings and crystals, Custard Powders, Cake Flour, Potted Meats and Fish, Ginger Beer Powders, Corn Flour, Desiccated Coconut, Fruit Jujubes, Health Salts, Aerated Pastry Flour, Prepared Soup, Herb Beer in powder, Pea Flour, Baking Powder and Egg Powder, a Trade Mark, of which the following is a representation:—

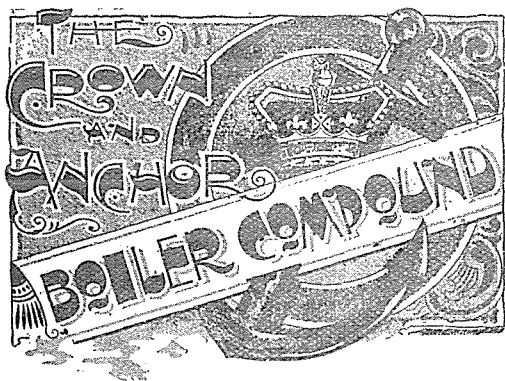


The essential particulars of the Trade Mark are the device of the Eiffel Tower, and the words "Eiffel Tower;" and the applicants disclaim any right to the exclusive use of the added matter except where the same consists of their name and address.

This Mark was first advertised in the Western Australian Government Gazette on 13th October, 1899—*vide* notice at head of Trade Mark advertisements.

Application No. 1768, dated 9th October, 1899.—JOHN LESLIE McCURE, trading as "Crown and Anchor Manufacturing Company," Atlas Chambers, Cliff Street, Fremantle, to register in Class 50, Sub-section 10, in respect of

Boiler Compound for preventing Incrustation in Boilers, a Trade Mark, of which the following is a representation :—



The essential particulars of the Trade Mark are the words "Crown and Anchor" and combination of devices, and the applicant disclaims any right to the exclusive use of the added matter.

This Mark was first advertised in the Western Australian Government Gazette of the 20th October, 1899—*vide* notice at head of Trade Mark advertisements.

Application No. 1765, dated 5th October, 1899.—EDWIN MORGAN, West Australian Bottling Works, Thompson Road, North Fremantle, West Australia, 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 Mark consist of the device of an Engine and the word "Don," and I disclaim any right to the exclusive use of the added matter.

This Mark was first advertised in the Western Australian Government Gazette of the 20th October, 1899—*vide* notice at head of Trade Mark advertisements.

Application No. 1766, dated 5th October, 1899.—WILLIAM BURFORD, trading under the name or style of "W. H. Burford & Sons, Limited," at Albany Road, Perth, Western Australia, Soap and Candle Manufacturers, to register in Class 47, in respect of Candles, Common Soap, Detergents; and Starch, Blue, and other Preparations for Laundry purposes, a Trade Mark, of which the following is a representation :—



This Mark was first advertised in the Western Australian Government Gazette of the 20th October, 1899—*vide* notice at head of Trade Mark Advertisements.

Application No. 1771, dated 17th October, 1899.—HOLMES SAMUEL CHIPMAN, of No. 54 Margaret Street, Sydney, in the Colony of New South Wales, Merchant, to register in Class 6, in respect of Typewriters, a Trade Mark, of which the following is a representation :—

## REM-SHO

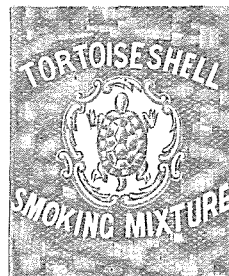
This Mark was first advertised in the Western Australian Government Gazette of 27th October, 1899—*vide* notice at head of Trade Mark advertisements.

Application No. 1773, dated 21st October, 1899.—THE HILLSIDE CHEMICAL COMPANY, of Newburgh, New York, United States of America, Manufacturing Chemists, 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 :—



This Mark was first advertised in the Western Australian Government Gazette of 27th October, 1899—*vide* notice at head of Trade Mark advertisements.

Application No. 1775, dated 28th October, 1899.—W. A. and A. C. CHURCHMAN, of Portman Road, Ipswich, England, Tobacco Manufacturers, to register in Class 45, in respect of Tobacco, whether manufactured or unmanufactured, a Trade Mark, of which the following is a representation :—



The essential features of the Trade Mark consist of the device and the word "Tortoiseshell," and the 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 3rd November, 1899—*vide* notice at head of Trade Mark advertisements.

Application Nos. 1776 and 1777, dated 28th October, 1899.—VINOLIA COMPANY, LIMITED, of Malden Crescent, London, England, Manufacturing Chemists, 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. Application No. 1777, to register in Class 48, in respect of Perfumery (including Toilet Articles, Preparations for the Teeth and Hair, and Perfumed Soap), a Trade Mark, of which the following is a representation :—

## WHITE CAP.

This Mark was first advertised in the Western Australian Government Gazette of the 3rd November, 1899—*vide* notice at head of Trade Mark advertisements.

Application No. 1647, dated 12th May, 1899.—BOVINE, LIMITED, of 44 to 47 Bishopsgate Street Without, London, E.C., to register in Class 42, in respect of Foods for Cattle, Horses, Poultry, and other like animals, a Trade Mark, of which the following is a representation :—

## THE BOVINE

*The Applicant Company claim to have used the Mark prior to January, 1885.*

This Mark was first advertised in the Western Australian Government Gazette of the 10th November, 1899—*vide* notice at head of Trade Mark advertisements.

Application No. 1763, dated 2nd October, 1899.—THE WEST AUSTRALIAN BREWERY COMPANY, LIMITED, of Barn-don Hill, Burswood, W.A., to register in Class 43, in respect of Fermented Liquors.



*The essential particulars of the Trade Mark are (1) device of a Swallow; (2) the word "Swallow," and applicant Company disclaims any right to the exclusive use of the added matter, except their trading name and address.*

This Mark was first advertised in the Western Australian Government Gazette of the 10th November, 1899—*vide* notice at head of Trade Mark advertisements.

Application No. 1764, dated 5th October, 1899.—VACUUM OIL COMPANY, of Rochester, New York, U.S.A.; 31 Queen Street, Melbourne, Victoria, and elsewhere, Oil and Grease Manufacturers, to register in Class 47, in respect of Candles, Common Soap, Detergents, Illuminating, Heating, or Lubricating Oils, Matches, a Trade Mark, of which the following is a representation :—

## VACLITE.

This Mark was first advertised in the Western Australian Government Gazette of the 10th November, 1899—*vide* notice at head of Trade Mark advertisements.

Application No. 1772, dated 19th October, 1899.—JAMES BYFIELD, of Northam, in the Colony of Western Australia, Miller, to register in Class 42, in respect of Flour, Oatmeal, Semolina, Wheatmeal, a Trade Mark, of which the following is a representation :—

## SNOWDROP.

This Mark was first advertised in the Western Australian Government Gazette of the 10th November, 1899—*vide* notice at head of Trade Mark advertisements.

Application No. 1778, dated 30th October, 1899.—SALMON & GLUCKSTEIN, LIMITED, 41 Clerkenwell Road, London, England, Tobacco Manufacturers, to register in Class 45, in respect of Tobacco, whether manufactured or unmanufactured, a Trade Mark, of which the following is a representation :—



*The essential particular of the Trade Mark is the combination of devices, and the applicants disclaim any right to the exclusive use of the added matter, except in so far as it consists of their own name and address.*

This Mark was first advertised in the Western Australian Government Gazette of the 10th November, 1899—*vide* notice at head of Trade Mark advertisements.

Application No. 1750, dated 15th September, 1899.—SARGOOD, BUTLER, NICHOL & EWEN, of Wellington Street, Perth, Warehousemen, to register in Class 38, in respect of Boots and Shoes, a Trade Mark, of which the following is a representation :—



*The essential particular of the above Mark consists of the word "Standard," 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 17th November, 1899—*vide* notice at head of Trade Mark advertisements.

Applications Nos. 1615 and 1616, dated 17th April, 1899.—FREDERICK ALBERT LEWIS and JOHN BENJAMIN WHITTY, trading as "The Lubroline Oil and Grease Com-

pany," of 339 Flinders Lane, Melbourne, Manufacturers, to register in Class 47, in respect of Candles, Common Soap, Detergents, Illuminating, Heating, or Lubricating Oils, Matches; Application No. 1616, to register in Class 50, s.s. 3, in respect of Blacking, Blacklead, Stove Polish, Knife Polish, Boot Size and Dressing, Boot Creams, and Graphite, a Trade Mark, of which the following is a representation:—

## LUBROLINE

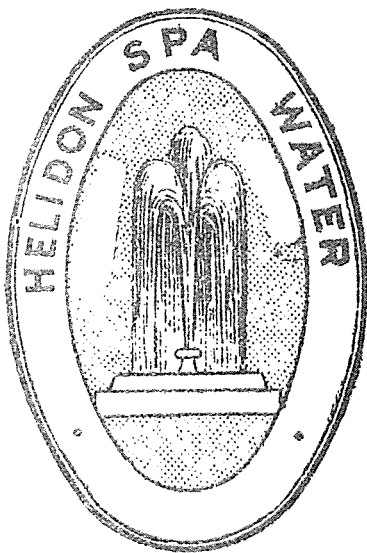
This Mark was first advertised in the Western Australian Government Gazette of the 24th November, 1899—*vide* notice at head of Trade Mark advertisements.

Application No. 1617, dated 17th April, 1899.—FREDERICK ALBERT LEWIS and JOHN BENJAMIN WHITTY, trading as "Lewis and Whitty," of 339 Flinders Lane, Melbourne, Soap Manufacturers, to register in Class 47, in respect of Candles, Common Soap, Detergents, Illuminating, Heating, or Lubricating Oils, Matches, a Trade Mark, of which the following is a representation:—

## MOON

This Mark was first advertised in the Western Australian Government Gazette of the 24th November, 1899—*vide* notice at head of Trade Mark advertisements.

Application No. 1779, dated 7th November, 1899.—EGEERT EDWARD KENNEDY, trading as E. E. KENNEDY & Co., of Philimore Street, Fremantle, Western Australia, Importer, 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:—



The essential particulars of the Mark consist of the representation of a fountain enclosed within a double oval border, and any right to the exclusive use of the added matter is disclaimed.

This Mark was first advertised in the Western Australian Government Gazette of the 24th November, 1899—*vide* notice at head of Trade Mark advertisements.

Application No. 1780, dated 14th November.—WM. ADAMS & Co., LTD., of 163 Clarence Street, Sydney, in the Colony of New South Wales, and at 521 and 523 Collins Street, Melbourne, in the Colony of Victoria, and elsewhere, Oil Merchants, Importers, and Engineers Furnishers, to register in Class 47, in respect of Lubricating Oils and

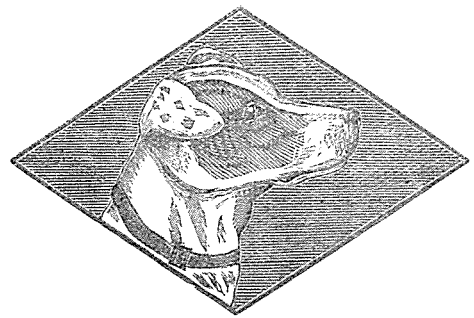
Preparations, a Trade Mark, of which the following is a representation:—



The essential particulars of the Trade Mark consist of the device of a castle and the word "Castle" within a circle, and the applicants disclaim any right to the exclusive use of the added matter save and except the word "Adams."

This Mark was first advertised in the Western Australian Government Gazette of the 24th November, 1899—*vide* notice at head of Trade Mark advertisements.

Applications Nos. 1782 and 1783, dated 14th November, 1899.—JOSEPH DEMPSEY, of Kalgoorlie, Western Australia, Aerated Water and Cordial Manufacturer, to register in Class 15, in respect of Glass Bottles. Application No. 1783, 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:—



This Mark was first advertised in the Western Australian Government Gazette of the 24th November, 1899—*vide* notice at head of Trade Mark advertisements.

Application No. 1785, dated 20th November, 1899.—SPLATT, WALL & Co., of 325 Hay Street, Perth, Importers and Engineers, to register in Class 22, in respect of Cycles, a Trade Mark, of which the following is a representation:—

## RAMBLER.

This Mark was first advertised in the Western Australian Government Gazette of the 24th November, 1899—*vide* notice at Head of Trade Mark advertisements.

Application No. 1786, dated 20th November, 1899.—SPLATT, WALL & Co., of 325 Hay Street, Perth, Importers and Engineers, to register in Class 22, in respect of Cycles, a Trade Mark, of which the following is a representation:—

## THE MARVEL.

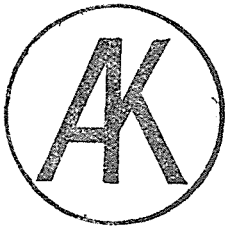
This Mark was first advertised in the Western Australian Government Gazette of the 24th November, 1899—*vide* notice at head of Trade Mark advertisements.

Application No. 1787, dated 20th November, 1899.—**SPLATT, WALL & Co.**, of 325 Hay Street, Perth, Importers and Engineers, to register in Class 22, in respect of Cycles, a Trade Mark, of which the following is a representation :—

ACME.

This Mark was first advertised in the *Western Australian Government Gazette* of the 24th November, 1899—*vide* notice at head of Trade Mark advertisements.

Application No. 1734, dated 18th August, 1899.—**THE ANTIKAMNIA CHEMICAL COMPANY**, of 1723 Olive Street, St. Louis, United States of America, Manufacturing Chemists, 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 :—



This Mark was first advertised in the *Western Australian Government Gazette* of the 1st December, 1899—*vide* notice at head of Trade Mark advertisements.

Application No. 1784, dated 17th November, 1899.—**THE BRITISH AND FOREIGN SAFETY FUSE COMPANY**, of Redruth, in the County of Cornwall, England, Manufacturers, to

register in Class 20, in respect of Explosive Substances, a Trade Mark, of which the following is a representation :—



The essential particulars of the Trade Mark are (1) the device of an anchor and coil of rope or fuse, and (2) the word “Anchor,” 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 1st December, 1899, *vide* notice at head of Trade Mark advertisements.

Applications Nos. 1789 and 1790, dated 25th November, 1899.—**EDWARD COOK AND COMPANY, LIMITED**, of East London Soap Works, Bow, London, England, Soap Manufacturers, to register, in Class 47, in respect of Candles, Common Soap, Detergents, Illuminating, Heating and Lubricating Oils, Matches, and Starch, Blue, and other Preparations for Laundry purposes. Application No. 1790 to register, in Class 48, in respect of Perfumery (including Toilet Articles, Preparations for the Teeth and Hair, and Perfumed Soap) a Trade Mark, of which the following is a representation :—

EMU

This Mark was first advertised in the *Western Australian Government Gazette* of the 1st December, 1899, *vide* notice at head of Trade Mark advertisements.

Alphabetical List of Registrants of Trade Marks.

NOVEMBER 11TH—25TH.

Name.	Goods.	Class.	No.	Date.	Gazette.		
					No.	Date.	Page.
American Tobacco Co. ...	Cigars, cheroots, cigarettes, manufactured tobacco and snuff	45	1741	29th Aug., 1899	36	8th Sept., 1899	2925
Burns, Philp & Co., Ltd.	Substances used as food or as ingredients in food	42	1742	30th Aug., 1899	38	22nd Sept., 1899	3127
Frossard, Levie & Co. ...	Tobacco (whether manufactured or unmanufactured)	45	1748	8th Sept., 1899	37	15th Sept., 1899	3022
George, W. J., & George, W. S. (trading as “George, W. J. & Co.”)	Machinery of all kinds, and parts of machinery, except agricultural and horticultural machines, included in Class 7	6	1697	8th July, 1899	30	28th July, 1899	2238
Holophane, Ltd. ...	Glass globes ...	15	1749	12th Sept., 1899	38	22nd Sept., 1899	2127
Knight, Atkins & Co. ...	Tea ...	42	1740	28th Aug., 1899	37	15th Sept., 1899	3021
Law, H. and H. E.	Vide Viavi Co. ...	3	1739	26th Aug., 1899	37	15th Sept., 1899	3021
Mazawattee Tea Co., Ltd.	Substances used as food or as ingredients in food	42	1335	19th Feb., 1898	24	7th Oct., 1898	2990
McGill, — ...	Vide Watson & McGill ...	45	1729	11th Aug., 1899	38	22nd Sept., 1899	3127
McGill, — ...	Vide Watson & McGill ...	45	1730	11th Aug., 1899	38	22nd Sept., 1899	3127
McGill, — ...	Vide Watson & McGill ...	45	1731	11th Aug., 1899	38	22nd Sept., 1899	3127
McGill, — ...	Vide Watson & McGill ...	45	1732	11th Aug., 1899	38	22nd Sept., 1899	3127
Philp, — ...	Vide Burns, Philp & Co., Ltd. ...	42	1742	30th Aug., 1899	38	22nd Sept., 1899	3127
Roederer, L. O. ...	Champagne ...	43	1648	12th May, 1899	37	15th Sept., 1899	3021
Rose, H. A. ...	Eye lotions and similar preparations	3	1746	5th Sept., 1899	37	15th Sept., 1899	3022
Viavi Co. (H. and H. E. Law, trading as)	Chemical substances prepared for use in medicine and pharmacy	3	1739	26th Aug., 1899	37	15th Sept., 1899	3021
Watson & McGill ...	Tobacco (whether manufactured or unmanufactured)	45	1729	11th Aug., 1899	38	22nd Sept., 1899	3127
Watson & McGill ...	Tobacco (whether manufactured or unmanufactured)	45	1730	11th Aug., 1899	38	22nd Sept., 1899	3127
Watson & McGill ...	Tobacco (whether manufactured or unmanufactured)	45	1731	11th Aug., 1899	38	22nd Sept., 1899	3127
Watson & McGill ...	Tobacco (whether manufactured or unmanufactured)	45	1732	11th Aug., 1899	38	22nd Sept., 1899	3127



Index of Goods for which Trade Marks have been Registered.

NOVEMBER 11TH—25TH.

Goods.	Name.	No.	Date.	Class.	Gazette.		
					No.	Date.	Page.
Champagne ... ..	Roederer, L. O. ... ..	1648	12th May, 1899	43	37	15th Sept., 1899	3127
Chemical Substances	"The Viavi Co." (H. & H. E. Law, trading as)	1739	26th Aug., 1899	3	37	15th Sept., 1899	3021
Cheroots ... ..	Vide Cigars... ..	1741	29th Aug., 1899	45	36	8th Sept., 1899	2925
Cigarettes ... ..	Vide Cigars... ..	1741	29th Aug., 1899	45	36	8th Sept., 1899	2925
Cigars ... ..	American Tobacco Company, Limited...	1741	29th Aug., 1899	45	36	8th Sept., 1899	2925
Eye Lotions... ..	Rose, H. A. ... ..	1746	5th Sept., 1899	3	37	15th Sept., 1899	3022
Food Substances ...	Mazawattee Tea Company, Limited ...	1335	19th Feb., 1898	42	24	7th Oct., 1898	2990
Food Substances ...	Burns, Philp & Co., Limited ... ..	1742	30th Aug., 1899	42	38	22nd Sept., 1899	3127
Globes (glass) ...	"Holophane," Limited ... ..	1749	12th Sept., 1899	15	38	22nd Sept., 1899	3127
Machinery (except agricultural and horticultural machines, included in Class 7)	"George, W. J. & Co." (George, W. J., & George, W. S., trading as)	1769	8th July, 1899	6	30	28th July, 1899	2238
Snuff ... ..	Vide Cigars... ..	1741	29th Aug., 1899	45	36	8th Sept., 1899	2925
Tea ... ..	Knight, Atkins & Co. ... ..	1740	28th Aug., 1899	42	37	15th Sept., 1899	3021
Tobacco (manufactured)	Vide Cigars... ..	1741	29th Aug., 1899	45	36	8th Sept., 1899	2925
Tobacco (whether manufactured or unmanufactured)	Watson & McGill ... ..	1730	11th Aug., 1899	45	38	22nd Sept., 1899	3127
Tobacco (whether manufactured or unmanufactured)	Frossard, Levic & Co. ... ..	1748	8th Sept., 1899	45	37	15th Sept., 1899	3022
Tobacco (whether manufactured or unmanufactured)	Watson & McGill ... ..	1729	11th Aug., 1899	45	38	22nd Sept., 1899	3127
Tobacco (whether manufactured or unmanufactured)	Watson & McGill ... ..	1730	11th Aug., 1899	45	38	22nd Sept., 1899	3127
Tobacco (whether manufactured or unmanufactured)	Watson & McGill ... ..	1731	11th Aug., 1899	45	38	22nd Sept., 1899	3127
Tobacco (whether manufactured or unmanufactured)	Watson & McGill ... ..	1732	11th Aug., 1899	45	38	22nd Sept., 1899	3127