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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,  
16th June, 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. 2197.—DAVID NABLE, of Parkes, in the Colony of New South Wales, Tailor, "*Improvements in Coat Adjustments.*"—Dated 6th September, 1898.

*Claim:—*

A coat adjustment, consisting of one or more pairs of springs, suitably covered and secured by clips or threads on the lining, facing, or material of the coat, or between the lining and facings of the coat and the material, substantially as described and illustrated in the drawings.

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

Application No. 2522.—ALEXANDER IMSCHENETZKY, of No. 2 Tikhvinskaya, St. Petersburg, Russia, Lieutenant-Colonel, "*Improved manufacture of Refractory Material suitable for Building and other purposes.*"—Dated 16th May, 1899.

*Claims:—*

1. The process of manufacturing refractory material, which consists in first saturating articles made of asbestos, with or without admixture of other substances, with a silica solution, and then treating the same with a bicarbonate solution in order to deposit the silica from any silicate contained therein, substantially as and for the purposes described.

2. The process of manufacturing refractory material, which consists in first saturating articles made of asbestos, with or without admixture of other substances, with a solution of sodium silicate mixed with sodium bicarbonate, from which the silica in the form of colloid only separates after a certain time, and then further treating the same with a bicarbonate solution, substantially as and for the purposes described.

3. In the process of manufacturing refractory material from asbestos, with or without admixture of other ingredients, by saturating the asbestos articles with a silica solution, the method of further saturating

the articles with a silicate solution, and then soaking them in a solution of bicarbonate, whereby the absorbed silicate is converted into silica by taking up carbonic acid from the bicarbonate, the resulting by-product of carbonate solution thus obtained being then available for the production of further quantities of silicate and bicarbonate, substantially as described.

4. The process of manufacturing artificial stone, which consists in first soaking sheets or other forms produced from asbestos pulp in a solution of silica, then drying the same, then impregnating the same with a solution of sodium silicate, and lastly treating the same with a solution of either sodium bicarbonate, potassium bicarbonate, or ammonium bicarbonate, substantially as described.

5. The process of manufacturing artificial stone, which consists in saturating the articles formed of asbestos, with or without admixture of other materials, with a silicate solution, and then exposing the mass to the action of carbon dioxide under pressure in water, so as to produce hydrated silica in the colloid form, and a solution of the alkaline carbonate or bicarbonate, substantially as described.

6. The process of manufacturing refractory material, which consists in first producing a solution of silica by mixing together a solution of sodium silicate and a bicarbonate solution sufficiently weak to prevent the colloid state being assumed too rapidly, and then saturating bodies made of asbestos, with or without other substances, with such silica solution, substantially as described.

7. A refractory material composed of asbestos fibre, with or without admixture of other materials, bound together by pure silica produced in the mass by the conversion of a silicate, by means of a bicarbonate, or by the direct action of carbon dioxide under pressure, substantially as described.

Specification, 14s. Drawings on application.

Application No. 2523.—WILLIAM WALTER BARTON and ARTHUR THOMAS BARTON, both of 103 New Oxford Street, London, England, Horse-clipping and Sheep-shearing Machine Manufacturers, "*Improvements relating to Horse-clippers, Sheep-shears, and other Apparatus where close contact of the parts is required during movement.*"—Dated 16th May, 1899.

*Claims:—*

1. In apparatus for applying pressure to a surface moving in contact with a fixed surface, the combination of a fixed abutment, means for raising and lowering a pressing device in the abutment, and a pressing device, comprising anti-friction appliances, all substantially as described.

2. In apparatus for applying pressure to a surface moving in contact with a fixed surface, the combination of a fixed abutment, a flanged internally-threaded sleeve elastically mounted in the abutment, and secured by a nut arranged to turn with the sleeve; and in a pressing device, comprising a trough-shaped piece containing anti-friction appliances, and having a threaded stem to take into the threaded sleeve, all substantially as described, and operating in the manner set forth.

3. The combination of a fixed plate, a reciprocating plate in close contact therewith, and means for securing the close contact, and comprising a fixed abutment; means for raising and lowering a pressing device in the abutment, and a pressing device, having anti-friction appliances, to bear on the reciprocating plate, substantially as described.

4. The improvements in horse-clipping and sheep-shearing machines, as herein shown and described, and for the purpose set forth.

Specification, 4s. Drawings on application.

Application No. 2532.—FRASER & CHALMERS, LIMITED, of 43 Threadneedle Street, London, England, Engineers and Manufacturers (assignee of ROSS EGBERTON BROWNE, of Nevada Block, San Francisco, State of California, United States of America), "*Improved means for Raising Water from Mine Shafts or other places.*"—Dated 22nd May, 1899.

Claims:—

1. The improved means for raising water from mine shafts or other places, consisting of a vacuum tank adapted to be raised and lowered in the shaft, a vacuum producer adapted to create a vacuum in said tank, and means for dumping or discharging the water from the tank when same has been raised, substantially as described.

2. In an apparatus for raising water from mines or shafts, the combination of a frame at the head of the shaft, a tank supported upon the frame adapted to be raised and lowered in the shaft, and having a suction pipe communicating with the tank and depending therefrom, a vacuum generator at the shaft head, an adjustable pipe connecting the vacuum generator with the tank hoisting mechanism, and a flexible connection between such mechanism and the tank, substantially as described.

3. In an apparatus for raising water from mines or shafts, the combination of a frame at the head of a shaft, a tank supported upon the frame adapted to be raised and lowered in the shaft, said tank having a suction pipe, and a valve controlled discharge opening at its lower end, a vacuum generator at the shaft head, an adjustable pipe connecting the generator with the tank hoisting mechanism for raising and lowering the tank, and means for automatically opening the discharge opening of the tank when the same reaches the discharge point in its upward movement, substantially as described.

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

Application No. 2534.—DANIEL WARNER AYLWORTH, of South Haven, Michigan, United States of America, Manufacturer (assignee of NOBLE BURTON LESLIE, of South Haven, Michigan, aforesaid, Engineer) "*An improved Fence Clamp.*"—Dated 23rd May, 1899.

Claims:—

1. The herein described clamp for securing crossed fence wires and the like together, by clamping one of them, consisting of a sheet metal plate provided with a central longitudinal groove, in which one of said wires rests and with parallel detached portions at either side of the said groove, said side portions being bent over to form loops for the reception of the other wire, the axes of said loops being aligned with one another and arranged at right angles to the said longitudinal groove, substantially as described.

2. The herein described clamp for securing crossed fence wires and the like together, consisting of a sheet metal plate provided with a central longitudinal groove in which one of the said wires rest, and with parallel cuts or slots extending from one end of the plate along the sides of the groove, whereby detached side portions are formed, said side portions being bent over to form loops, the axes of said loops being aligned with one another to receive the other wire, and the grooved portion of the plate and wire resting therein being cramped, as and for the purpose set forth.

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

Application No. 2536.—BICKFORD AND HUFFMAN COMPANY, of Macedon, State of New York, United States of America, Manufacturers (assignee of ERNEST BASMAN, of Macedon, State of New York, aforesaid), "*Improvements in Agricultural Implements.*"—Dated 23rd May, 1899.

Claims:—

1. In an agricultural implement, the frame composed of metal bars having a projecting web, and the angular corner connecting plates bolted to the webs of the bars and having flanges engaging the edges of the bars.

2. In an agricultural implement, the frame composed of the metal bars having a projecting web, and the angular corner connecting plates bolted to the webs of the bars and formed with flanges engaging the edges of the bars and filling blocks at the corners.

3. In an agricultural implement, the frame composed of the bars having a projecting web, and the angular connecting plates bolted to the bars and formed with corner filling blocks and a vertical projection of substantially the thickness of the web.

4. In an agricultural implement, the frame having a channelled cross bar and a wood or other filling strip arranged in its channel, together with a bracket resting on the bar and secured thereto by bolt's passing through the bar and filling strip.

5. In an agricultural implement, in combination, the frame, the angular rock-shafts, the intermeshing gears on the shafts provided with sleeves fitting the shafts, bearings for the sleeves, and means for preventing longitudinal movement of the sleeves in the bearings.

6. In an agricultural implement, in combination, the main frame, the angular rock-shafts, the intermeshing gears provided with sleeves fitting on the shafts and the two-part bearings for said sleeves, one of said parts having finger engaging the gears, to prevent longitudinal movement.

7. In an agricultural implement, the combination with an angular operating shaft and a sleeve fitting on said shaft, and having a cylindrical exterior of a bearing for said sleeve, and means for preventing its longitudinal movement relative to the bearing.

8. In an agricultural implement, the combination with the main frame, the depending brackets having bearings at the ends, the rock-shafts operating in the bearings and connected for simultaneous operation of the central bearing for said shafts, and the depending perforated clevis bracket connected to the main frame and also to the central shaft-bearing.

9. In a seeding machine, the combination with the hoes, a rock-shaft provided with arms, links connected with the hoes and by a loose connection with the arms of the springs interposed between the arms and hoes, whereby the hoes may be raised by a positive connection between the arms and the hoes and depressed by the movement of the arms through the medium of the springs.

10. In a seeding machine, the combination with the hoe, and the rock-arm, of the link having a sliding connection with the arm and connected to the hoe, and the spring interposed between the arm and link, substantially as described.

11. In a seeding machine, the combination with the hoe and the link pivoted thereto, of the rock-arm, the sleeve pivoted thereon, and the spring arranged between the sleeve and link, whereby the hoe may be held yieldingly in the ground by the depression of the rock-arm,

12. In an agricultural implement, the combination with an angular shaft of a clip adapted to be secured thereto, formed with arms having seats or surfaces for the flat sides of the shaft and provided with a bolt connecting said arms.

13. In an agricultural implement, the combination with an angular shaft of a clip adapted to be secured thereto, formed with arms having seats or surfaces arranged at an angle to each other and to the opening between the arms, and provided with a bolt connecting said arms.

14. In a seeding machine, the combination with the angular rock-shaft, of the hoes, the drag-bars, and the clips connected to the drag-bars, and having arms provided with angular seats between them for the shaft and the bolt connecting said arms.

15. In an agricultural implement, the combination with the angular rock-shaft, and a sleeve fitting the shaft and having a cylindrical exterior, and a flange at one end provided with a notch, of the cylindrical bearing for the sleeve provided with a finger adapted to pass through the notch and engage the flange when the latter is inserted and rotated.

16. In a seeding machine, the combination with the main frame, the hoes, an angular rock-shaft, and connections between it and the hoes for raising and lowering the latter, of the bearing sleeves fitting the shaft and having cylindrical exteriors and bearings for said sleeves.

17. In combination, the main frame, the hoes, the rock-shaft connected to the hoes for raising and lowering them, an arm attached to the rock-shaft, a rod connected with the arm, and having an abutment thereon and a spring arranged between said abutment and the frame.

18. The combination with the main frame and the rock-shaft, for raising and lowering the hoes of the operating lever connected with said shaft and the folding handle connected with said lever.

19. The combination with the main frame and the rock-shaft, for raising and lowering the hoes of the operating lever connected with said shaft, and the folding operating handle connected to said lever and arranged to be operated from the rear of the frame, substantially as described.

20. In an agricultural implement, the combination with an operating lever, of an operating handle pivoted thereto, and a catch for holding said handle in operative position, substantially as described.

21. In an agricultural implement, the combination with an operating lever, and a locking-bolt thereon, of a handle pivoted on the lever, a grip on the handle for operating the locking-bolt, a pivotal connection between said grip-lever and the bolt, and a catch for locking the handle and lever together in operative position.

22. The combination with the pivoted operating lever having a spring-operated bolt, and the catch having a bevelled face, of the handle pivoted on the lever and adapted to fold at an angle thereto, and means on said handle for operating the bolt.

23. In a seeding machine, the combination with a seed hopper having an aperture in its bottom, and a spout-holder arranged beneath the hopper, of an adjustable spout having a flange at its end arranged at an angle to the plane of the spout, and adapted to be engaged and held by the spout-holder.

24. In a seeding machine, the combination with a seed hopper having an aperture in its bottom, a spout-holding clip arranged beneath the hopper and provided with bifurcated fingers, of a rotarily adjustable spout having the circular flange at its end arranged at an angle to the plane of the spout, and adapted to be engaged and held by the clip fingers against the hopper bottom.

25. In an agricultural machine, the combination of an angular shaft, the thimbles at its ends formed with angular recesses to engage the shaft, smooth exteriors to engage the bearings, and flanges to prevent longitudinal movement, and a bearing sleeve for the shaft intermediate, the ends thereof also formed with an angular recess and smooth exterior, together with bearings for said sleeve and thimbles.

26. In an agricultural machine, the combination with an angular shaft and thimble at the end, having an angular recess for the shaft and a smooth exterior, of a bearing for said thimble, and means for preventing the longitudinal movement of the shaft and thimble.

27. In an agricultural machine, the combination with the main frame, the horizontal axle, and the tubular bearing sleeve having a cylindrical exterior and arranged at an angle to the horizontal of the dish wheel thereon provided with rollers in its cylindrical hub, and suitable connections between the axle and wheel.

28. In a seeding machine, in combination, the hoes, the rock shaft connected to the hoes for raising and lowering them for operating the rock shaft from the rear of the machine detachably to said rock shaft, and also means for operating the rock shaft from the front of the machine detachably connected to the rock shaft whereby, by detaching one or the other, it may be operated by either, as desired.

29. In a seeding machine, in combination, the hoes, the rock shaft connected to the hoes for raising and lowering them, a gear connected to said rock shaft, a rack for operating said gear, means for operating the rack from the rear of the machine detachably connected to said rack, and also means detachably connected to the gear for operating the rock shaft from the front of the machine, whereby by detaching one or the other it may be operated by either as desired.

Specification, £1 2s. 6d. Drawings on application.

MALCOLM A. C. FRASER,  
Registrar of Patents.

Patent Office, Perth,  
21st April, 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. 2064. — GEORGE BROUGHAM HUBERT AUSTIN, of No. 60 Armadale Road, Armadale, near Melbourne, in the Colony of Victoria, Architect, "*Improved Mechanism for assisting in the propulsion of Cycles.*"—Dated 25th May, 1898. (Specification, 9s. 6d.)

MALCOLM A. C. FRASER,  
Registrar of Patents.

Patent Office, Perth,  
28th April, 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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Application No. 2424.—ANTOINE LAVOIX, of 7 Rue Chateaudun, Paris, France, Engineer, "*An Improved Amalgamating Apparatus for extraction of precious Metals from Minerals.*"—Dated 14th March, 1899. (Specification, 8s. 6d.)

Application No. 2433.—THE PREISS ELECTRIC STORAGE COMPANY, LIMITED, of Cowra Chambers, Grenfell Street, Adelaide, South Australia (Assignee of ALBERT PREISS), "*Improvements in Secondary Batteries.*"—Dated 21st March, 1899. (Specification, 6s.)

Application No. 2438.—GEORGE WESTINGHOUSE, of Pittsburg, Pennsylvania, United States of America, Manufacturer, "*Systems of Electric Traction.*"—Dated 23rd March, 1899. (Specification, 8s.)

Application No. 2439.—HARRY PHILLIPS DAVIS, of Pittsburg, Pennsylvania, United States of America, Electrical Engineer, and ALBERT SCHMID, of 239 Rue St. Honoré, Paris, France, Electrical Engineer, "*Improved methods of and means for controlling Electric Motors.*"—Dated 23rd March, 1899. (Specification, 10s.)

Application No. 2440.—GILBERT WRIGHT, of 409 Ross Avenue, Wilksburg, Pennsylvania, United States of America, Electrical Engineer, "*Improvements in Switches for Electric Circuits.*"—Dated 23rd March, 1899. (Specification, 2s. 6d.)

Application No. 2441.—BENJAMIN GARVER LAMME, of 230 Stratford Avenue, Pittsburg, Pennsylvania, United States of America, Electrical Engineer, "*Improvements in Systems of Electrical Distribution.*"—Dated 23rd March, 1899. (Specification, 2s.)

Application No. 2442.—BENJAMIN GARVER LAMME, of 230 Stratford Avenue, Pittsburg, Pennsylvania, United States of America, Electrical Engineer, "*Improvements relating to the Generation, Conversion, and Distribution of Electrical Energy.*"—Dated 23rd March, 1899. (Specification, 19s.)

Application No. 2445.—FRANCIS HAMEL HARVEY, of Hayle, Cornwall, England, Engineer, "*Improvements in Ore Stampers.*"—Dated 25th March, 1899. (Specification, 10s.)

Application No. 2447.—ARTHUR STEPHEN PLEWS, of 22 Sackville Street, Manchester, Merchant, and JAMES WESTHEAD WORSEY, of 137 Boundary Road, St. Helens, Metallurgical Chemist, both in the County of Lancaster, England, "*Improvements in Apparatus for the Treatment of Metallic Ores, Matte, and the like.*"—Dated 28th March, 1899. (Specification, 5s.)

Application No. 2448.—ARTHUR STEPHEN PLEWS, of 22 Sackville Street, Manchester, Merchant, and JAMES WESTHEAD WORSEY, of 137 Boundary Road, St. Helens, Metallurgical Chemist, both in the County of Lancaster, England, "*Improvements in Metallurgical Processes.*"—Dated 28th March, 1899. (Specification, 4s.)

MALCOLM A. C. FRASER,  
Registrar of Patents.

Patent Office, Perth,  
5th May, 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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Application No. 2118. — WILLIAM AUGUSTUS HARDWICK, of York, Western Australia, Saddler, "*Improved Cushioned Horse Collar.*"—Dated 2nd July, 1898. (Specification, 2s. 6d.)

Application No. 2313.—EDWARD JOHN SWYNY, of Perth, Western Australia, Miner, "*An improved Gold Saver and Ore Concentrator.*"—Dated 30th November, 1898. (Specification, 2s. 6d.)

Application No. 2420. — EDWARD WILLIAM MCKENNA, of 402 Jefferson Street, Milwaukee, United States of America, Manufacturer, "*Improvements in Method of and Machinery for Renewing old Steel Rails.*"—Dated 11th March, 1899. (Specification, 12s. 6d.)

Application No. 2421. — EDWARD WILLIAM MCKENNA, of 402 Jefferson Street, Milwaukee, United States of America, Manufacturer (Assignee of DAVID HOLLIDAY LENTZ), "*Improvements in Charging Machine.*"—Dated 11th March, 1899. (Specification, 12s. 6d.)

Application No. 2451.—JOHN WILLIAMSON, of Boulder, Western Australia, Condenser Proprietor, "*Improved Reducing and Amalgamating Appliance for recovering Gold from its Pug or Clay.*"—Dated 30th March, 1899. (Specification, 3s.)

Application No. 2454.—EDWARD LLOYD PEASE, of the Parkfield Works, Stockton-on-Tees, in the County of Durham, England, Engineer, "*Roofs and the like Structural Work.*"—Dated 30th March, 1899. (Specification, £1 10s.)

Application No. 2456.—ARTHUR ROYSE LYSAGHT, of 10 Bligh Street, Sydney, New South Wales, Wire Netting Manufacturer (Assignee of FRANCIS JOHN SHERBORNE), "*Improvements in Wire Netting Machines.*"—Dated 5th April, 1899. (Specification, 5s. 6d.)

Application No. 2457.—THOMAS MILLS, of Sandhurst, in the County of Berks., England, Gentleman, and ROBERT KILLOCH DONALD, of 42 Cadogan Street, Glasgow, Scotland, Engineer, "*Improvements in Apparatus for Pulverising Ores and other Materials.*"—Dated 5th April, 1899. (Specification, 3s. 6d.)

Application No. 2458.—JOHN FLETT WHYTE, of James Street, Northcote, Land Agent, and HUGH JAMES WHYTE, of 21 Victoria Street, Fitzroy, Sanitary Engineer, both in the Colony of Victoria, "*An improved Apparatus for the Generation, Purification, Storage, and Supply of Acetylene Gas.*"—Dated 5th April, 1899. (Specification, 8s.)

Application No. 2459.—LOUIS CARNEGIE AULDJO, of George Street, Sydney, New South Wales, Consulting Engineer, "*Improvements in Furnaces.*"—Dated 5th April, 1899. (Specification, 6s. 6d.)

Application No. 2460.—WILLIAM SHEARING, of Port Road, Carrandown, Manufacturer, and JOHN HARRIS JONES, of Glanton Street, West Hindmarsh, Commission Agent, both in the Province of South Australia, "*An improved Process for the Treatment of Ores.*"—Dated 5th April, 1899. (Specification, 3s.)

Application No. 2461.—WILLIAM SHEARING, of Port Road, Carrandown, Manufacturer, and JOHN HARRIS JONES, of Glanton Street, West Hindmarsh, Commission Agent, both in the Province of South Australia, "*An improved Furnace for the Treatment of Ores.*"—Dated 5th April, 1899. (Specification, 5s. 6d.)

MALCOLM A. C. FRASER,  
Registrar of Patents.

Patent Office, Perth,  
12th May, 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, see Gazette No. 19, 12th May, 1899.

Application No. 2391.—JAMES BAIRD, of Devonport, near Auckland, New Zealand, Engineer, "*An improved Rotary Engine.*"—Dated 14th February, 1899.

Specification, 11s. Drawings on application.

Application No. 2437.—HOLMES SAMUEL CHIPMAN, of No. 54 Margaret Street, Sydney, New South Wales, Merchant, "*Improvements in certain descriptions of Oil Lamp Burners.*"—Dated 21st March, 1899.

Specification, 8s. Drawings on application.

Application No. 2450.—NIELS BENDIXEN, Superintendent of a Laboratory, Copenhagen, Denmark, "*Improvements in the method of and an apparatus for sterilizing Milk.*"—Dated 28th March, 1899.

Specification, 6s. Drawings on application.

Application No. 2466.—ISIDOR VAN STAVEREN, of "Marathon," St. George's Terrace, Perth, Western Australia, "*An Improved Fastener for Letters and Packages.*"—Dated 13th April, 1899.

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

Application No. 2476.—SOLOMON ROBERT DRESSER, of Bradford, Pennsylvania, United States of America, Inventor, "*Improvements in Insulated Pipe Couplings.*"—Dated 22nd April, 1899.

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

Application No. 2482.—THE MARSDEN COMPANY, of 850 Drexel Building, corner of Fifth and Chestnut Streets, Philadelphia, Pennsylvania, U.S.A. (Assignee of MARK WORSNUP MARSDEN), "*Material for Packings and other Purposes.*"—Dated 25th April, 1899.

Specification, 5s. 6d.

Application No. 2485.—GEORGE JOHN HOSKINS and CHARLES HENRY HOSKINS, of Sydney, New South Wales, Engineers, "*An improved mode of and Apparatus for making the Moulds and Cores that are used in Pipe Founding.*"—Dated 28th April, 1899.

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

MALCOLM A. C. FRASER,  
Registrar of Patents.

Patent Office, Perth,  
19th May, 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, see Gazette No. 20, 19th May, 1899.

Application No. 2401.—ANDREW JANECZEK, of Kalgoorlie, in the Colony of Western Australia, Speculator, "*Improved Stump and Tree Puller.*"—Dated 23rd February, 1899.

Specification, 2s. Drawings on application.

Application No. 2452.—CARL GEISSLER, of Stassfurt, in the Kingdom of Prussia, Royal Mill Manager, "*An Improved Apparatus for taking samples of Pulverised and Granulated Materials.*"—Dated 30th March, 1899.

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

Application No. 2453.—THE IMPERIAL S.C. ACETYLENE GAS COMPANY, LIMITED, of 33 King Street, Manchester, in the County of Lancaster, in the Kingdom of England, Gas and Generator Manufacturers (assignee of Evan Evans), "*An*

*improved system of Storage, Generation, Purification, and use of Acetylene for illuminating purposes, and in apparatus therefor.*—Dated 30th March, 1899.

Specification, 4l. Drawings on application.

Application No. 2471.—WILLIAM H. BAKER, of Devil's Lake, in the County of Ramsey, State of North Dakota, United States of America, Chemist, "*Improvements in processes and apparatus for Separating Precious Metals from their Ores.*"—Dated 18th April, 1899.

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

Application No. 2472.—THE WIRELESS TELEGRAPH AND SIGNAL COMPANY, LIMITED, of 28 Mark Lane, in the City of London, England, Electricians (assignee of GUGLIELMO MARCONI, of London, aforesaid), "*Apparatus employed in Wireless Telegraphy.*"—Dated 18th April, 1899.

Specification, 5s. Drawings on application.

Application No. 2475.—HARRY PHILLIPS DAVIS, of 327 Neville Street, Pittsburg, in the County of Allegheny, State of Pennsylvania, United States of America, Electrical Engineer, and FRANK CONRAD, of 709 Whitney Avenue, Wilkesburg, in the County and State aforesaid, Electrical Engineer, "*Improvements in Electric Motors and Meters adapted for use with alternating currents.*"—Dated 21st April, 1899.

Specification, 8s. Drawings on application.

Application No. 2481.—BENJAMIN GARNER LAMME, of 230 Stratford Avenue, Pittsburg, in the County of Allegheny, State of Pennsylvania, United States of America, Electrical Engineer, "*Improvements in and relating to the Utilisation and Conversion of Electric Currents.*"—Dated 24th April, 1899.

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

Application No. 2483.—JOHN WATERS SUTHERLAND and WALTER TECHOW, both of Lake View Consols, Boulder, Western Australia, Metallurgical Chemists, "*Improvements in the precipitation of precious Metals from Cyanide Solutions by means of Zinc Shavings.*"—Dated 25th April, 1899.

Specification, 3s. 6d.

Application No. 2486.—GEORGE WESTINGHOUSE, of Westinghouse Building, Pittsburg, in the County of Allegheny, State of Pennsylvania, United States of America, Engineer, and EDWIN EMERSON NOLAN, of 517 Center Street, Wilkesburg, in the County and State aforesaid, "*Improvements in securing Coreplates in Dynamo-Electric Machinery.*"—Dated 29th April, 1899.

Specification, 4s. Drawings on application.

MALCOLM A. C. FRASER,  
Registrar of Patents.

Patent Office, Perth,  
26th May, 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, see Gazette No. 21, 26th May, 1899.

Application No. 2373.—RICHARD SPARROW, of Barrack Street, Perth, Western Australia, Licensed Patent Agent (*Frederic Fouché*), "*Improved Aero-condensing Apparatus.*"—Dated 21st January, 1899.

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

Application No. 2407.—EDWARD MARCH, of 59 Burton Crescent, London, England, Engineer, "*Improvements in Machines for Registering and issuing Checks at public Pay Windows.*"—Dated 28th February, 1899.

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

Application No. 2426.—FRED. WALSH, Patent Agent, Manager of Edward Waters' International Patent and Trade Marks Office, No. 23 Elizabeth Street, Sydney, in the Colony of New South Wales, "*Improvements in Ore Concentrators having Shaking Tables.*"—Dated 14th March, 1899.

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

Application No. 2427.—JOHN ROGER, of Denver, Colorado, United States of America, "*Improvements in Ore Crushing Machinery.*"—Dated 14th March, 1899.

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

Application No. 2468.—FREDERICK WILLIAM MARTINO, Manufacturer, of 107 Montgomery Road, Sharrow, Sheffield, Yorkshire, England, and FREDERIC STUBBS, Engineer, of "Edge-gate," Osborne Road, Sheffield, aforesaid, "*Improvements in or relating to the Precipitation of Gold from Chloride or Bromide Solutions containing it.*"—Dated 15th April, 1899.

Specification, 2s.

Application No. 2469.—ELISHA SEYMOUR, of Chicago, in the County of Cook, in the State of Illinois, United States of America, Manufacturer, "*Rotary Engine.*"—Dated 15th April, 1899.

Specification, 10s. Drawings on application.

Application No. 2473.—CHARLES HARPER, of Woodbridge, near Guildford, Western Australia, Gentleman, "*A Sheaf Header appliance for Threshers.*"—Dated 19th April, 1899.

Specification, 6s. Drawings on application.

MALCOLM A. C. FRASER,  
Registrar of Patents.

Patent Office, Perth,  
2nd June, 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, see Gazette No. 22, 2nd June, 1899.

Application No. 2183.—FREDERICK BAKER, of "Maylands," Kambrook Road, Caulfield, in the Colony of Victoria, Builder, "*An improved Spike and Holdfast for securing Rails, Decking, Platforms, and the like.*"—Dated 23rd August, 1898.

Specification, 12s. Drawings on application.

Application No. 2487.—LEWIS ERNEST SAUNDERS, of 70 William Street, Perth, Western Australia, Engineer, "*Improved Apparatus for Heating Purposes, to be used with Oil Vaporising Stoves.*"—Dated 1st May, 1899.

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

Application No. 2491.—RICHARD EVENS, of 105 William Street, Sydney, New South Wales, Gentleman, "*A Specific for the Cure of Fluke, Worms, and other Diseases in Sheep and other Animals, and the prevention of same.*"—Dated 2nd May, 1899.

Specification, 2s. 6d.

Application No. 2498.—DEERING HARVESTER COMPANY, of Chicago, Illinois, U.S.A. (Assignee of JOHN FLETCHER STEWARD and CHARLES ALFRED ANDERSON RAND), "*Improvements in Self-binding Harvesters.*"—Dated 2nd May, 1899.

Specification, 17s. Drawings on application.

Application No. 2501.—GEORGE WILLIAM METTAM, of Broad Arrow, Western Australia, Plumber, "*A new or improved Pneumatic Hand-shower.*"—Dated 6th May, 1899.

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

Application No. 2505.—JOHN JAMES DRAGE, Manufacturer, of First Avenue, East Adelaide, and EDWARD THOMAS BRIDGLAND, Hardware Salesman, of Hill Street, North Adelaide, both in South Australia, "*Improvements in Refrigerators.*"—Dated 9th May, 1899.

Specification, 9s. Drawings on application.

Application No. 2508.—ELIAS BERNARD KOOPMAN, Manager, of 18 and 19 Great Windmill Street, Piccadilly Circus, London, W., "*Improvements in apparatus for exhibiting a succession of Pictures, giving them an appearance of motion, and coin-freed mechanism therefor.*"—Dated 9th May, 1899.

Specification, 14s. Drawings on application.

Application No. 2509.—AKTIESELSKABET BURMEISTER, & WAINS MASKIN & SKIBSBYGGERI, of Copenhagen, in the Kingdom of Denmark (assignee of OSCAR ANDERSON), "*Improvements in Centrifugal Cream Separators.*"—Dated 9th May, 1899.

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

Application No. 2510.—ALAN PRICE, of Sydney, New South Wales, Civil Engineer, "*Improvements in the 'Holchkiss' Boiler-Cleaners.*"—Dated 9th May, 1899.

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

Application No. 2520.—THOMAS CHRISTOPHER DONNELLY, of 31 Moray Place, Dunedin, New Zealand, Mine Manager, "*Improvements in Screens.*"—Dated 12th May, 1899.

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

MALCOLM A. C. FRASER,  
Registrar of Patents.

Patent Office, Perth,  
9th June, 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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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, see Gazette No. 23, 9th June, 1899.

Application No. 2186.—FRANCIS ELLERSHAUSEN, of 24 Green Street, Blackfriars, London, England, gentleman, "*Improvements in the treatment of Refractory Sulphide Ores.*"—Dated 27th August, 1898.

Specification, 2s.

Application No. 2490.—HENRY ELIAS HOWLAND, of 35 Wall Street, New York, United States of America (assignee of ORLANDO M. THOWLESS), "*Burners for Incandescent Lamps.*"—Dated 2nd May, 1899.

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

Application No. 2497.—ARTHUR KITSON, Engineer, of 213 West Upsal Street, Germantown, Philadelphia, State of Pennsylvania, United States of America, "*Vapor-burning apparatus.*"—Dated 2nd May, 1899.

Specification, £1 10s. Drawings on application.

Application No. 2499.—JULIUS ADOLPHUS AMSCHEL, of 113 William Street, Melbourne, in the Colony of Victoria, Manager of the Australian Metal Company, Limited (*Lewis G. Rowand*), "*An improved process of and apparatus for the Magnetic Separation of Ores.*"—Dated 2nd May, 1899.

Specification, 12s. Drawings on application.

Application No. 2500.—HARRY PHILLIPS DAVIS, of 327 Neville Street, Pittsburg, Pennsylvania, U.S.A., Electrical Engineer, "*Improvements in Electric Brakes.*"—Dated 2nd May, 1899.

Specification, 8s. Drawings on application.

Application No. 2506.—FREDERIC FOUCHE, of 38 Rue des Ecluses, St. Martin, Paris, France, Engineer, "*Improvements in apparatus for effecting exchange of temperature between fluids.*"—Dated 9th May, 1899.

Specifications, 7s. Drawings on application.

Application No. 2507.—THE GODFREY CALCINER, LIMITED, of 55 Suffolk House, 5 Laurence Pountney Hill, London, England (Assignee of JOSEPH GODFREY and HENRY JOHN HAYES), "*Calcining and furnaces therefor.*"—Dated 9th May, 1899.

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

Application No. 2512.—HARRY PHILLIPS DAVIS, of 327 Neville Street, Pittsburgh, Pennsylvania, U.S.A., Electrical Engineer, "*Improvements in or relating to Apparatus for Controlling and Governing Electric Motors.*"—Dated 12th May, 1899.

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

Application No. 2513.—MAX JASPER, of Jaspersweg 1-10, Bernau, near Berlin, Germany, "*Improved Manufacture of Incandescence Bodies for Illuminating Purposes.*"—Dated 12th May, 1899.

Specification, 2s. 6d.

Application No. 2514.—WILLIAM STAMM, of 25 College Hill, London, England, Iron and Steel Agent (Assignee of HENRY LIVINGSTONE SULLMAN), "*Improvements in Ball-grinding Mills.*"—Dated 12th May, 1899.

Specification, 4s. Drawings on application.

Application No. 2515.—FREDERICK AUGUSTUS EDWARDS, of 196 Gray's Inn Road, London, England, Mining Engineer, "*Improvements in apparatus for use in the treatment of Metallic Ores.*"—Dated 12th May, 1899.

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

MALCOLM A. C. FRASER,  
Registrar of Patents.

Applications for Patents.

MAY 27<sup>TH</sup>—JUNE 10<sup>TH</sup>.

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

No.	Date.	Name.	Address.	Title.
2541	30th May, 1899	Bruce, M. . . . .	Thames, N.Z. . . . .	An improved vat for treating ore by solvent processes.
*2542	30th May, 1899	Dannhardt, F. H., and Mailer, M.	Melbourne, Victoria	An improved earth or rock drill.
*2543	30th May, 1899	Cox, M. E., and Bell, H. . . . .	Sydney, N.S.W. . . . .	An improved hair curler.
2544	30th May, 1899	Neild "Sleeve" Electric Joint Syndicate, Limited (assignee of Neild, H. W.)	London, England . . . . .	Improved joint for telegraph and other wires conveying electricity.
2545	2nd June, 1899	Worthington, C. C. . . . .	Dunfield, U.S.A.	Improvements in steam engines.
*2546	5th June, 1899	Irvine, F. . . . .	London, England . . . . .	Improvements in and relating to the extraction of gold or other metal from ore.
2547	5th June, 1899	Sandycroft Foundry and Engine Works Co., Ltd. (assignee of Richards, J. T.)	Sandycroft, Wales	Improvements in and connected with the guides for the stems of stamp mills, or for like purposes.
*2548	5th June, 1899	Gulliver, H. . . . .	Perth, W.A. . . . .	An improved sash holder, principally for railway and tram cars.
*2549	6th June, 1899	Watts, D. . . . .	Ballarat, Victoria	Improvements in two-speed gearing for cycles.
*2550	7th June, 1899	Riley, E., jun. . . . .	Flinders, Victoria	An improved machine for cutting fern and scrub.
*2551	7th June, 1899	Wilson, S., and Smith, D. C. . . . .	Kalgoorlie, W.A. . . . .	An improved salt water evaporator.
2552	10th June, 1899	Luttrell, A. E. . . . .	Launceston, Tas. . . . .	An improved rotary pump.
2553	10th June, 1899	Doe Portable Electric Light and Power Syndicate, Ltd. (assignee of Doe, W. S.)	London, England . . . . .	Improvements in galvanic batteries.
2554	10th June, 1899	Tevlev, T. . . . .	Kisslovodsk, Russia	Improvements in explosives.
2555	10th June, 1899	Aylmer, H., and Plummer, J. H.	Richmond and Toronto, Canada	Improvements in drills.
2556	10th June, 1899	Curtis, C. W., and Davies, L.	London, England, and Kyles of Bute, Scotland	An improved explosive.
2557	10th June, 1899	Holmes, S. O. . . . .	Durban, Natal . . . . .	Improvements in the manufacture of block fuel.
2558	10th June, 1899	Pender, J. . . . .	Brunswick, Vic. . . . .	Improvements in the motor, and in the driving and controlling mechanism of power-propelled vehicles, and in the construction of such vehicles.
*2559	10th June, 1899	Dick, W. B. . . . .	Hamilton, N.S.W.	An improved machine for portioning, moulding, and printing butter, lard, and the like.
*2560	10th June, 1899	Madden, D. . . . .	Parkes, N.S.W. . . . .	A new eye ointment.
*2561	10th June, 1899	Gallagher, T. . . . .	Adelaide, S.A. . . . .	Improved seat and handle adjustment for bicycles and other velocipedes.
*2562	10th June, 1899	Taylor, T. L. . . . .	Northcote, Vic. . . . .	Improved automatic advertisement displayer, principally for hotels, shops, and clubs.

Provisional Specifications.

Patent Office, Perth,  
16th June, 1899.

APPLICATIONS for Letters Patent, accompanied by Provisional Specifications, which have been accepted from the 27th May to the 10th June, 1899:—

Application No. 2467.—ANATOLE BARGIGLI, of 9 Avenue de la Bourdonnais, Paris, France, Engineer, "A new or improved Process and Apparatus for or connected with the Amalgamation of Gold Ores, Tailings, and other Metals capable of Amalgamation."—Dated 15th April, 1899.

Application No. 2489.—JAMES WATSON and FRANK LAWRENCE POLLARD, both residing on the property of the Crown Deep Gold Mining Co., Ltd., near Johannesburg, in the South African Republic, Engine Driver and Engineer respectively, "Improvements in Compound Engines, applicable to Rock Drilling Machines, Locomotives, Hauling or Mill Engines, Pumps, and the like."—Dated 2nd May, 1899.

Application No. 2492.—JOHN REES, of 137 Fenwick Street, North Carlton, Engineer, and JOHN WEBB, of 35 Ballarat Street, Collingwood, Financier, both in the Colony of Victoria, "Improvements in and connected with Fans and their Motors, and Message Boxes on the Air Pipes therefrom."—Dated 2nd May, 1899.

Application No. 2493.—CHARLES FELTON SCOTT, of 6214 Sellers Street, Pittsburg, in the County of Allegheny, State of Pennsylvania, U.S.A., Electrical Engineer; HARRY PHILLIPS DAVIS, of 327 Neville Street, Pittsburg aforesaid, Electrical Engineer, and GILBERT WRIGHT, of 409 Ross Avenue, Willkingsburg, in the County of Allegheny, State of Pennsylvania, U.S.A., Electrical Engineer; "Improvements in Switches for Electric Circuits."—Dated 2nd May, 1899.

Application No. 2494.—BENJAMIN GARVER LAMME, of 230 Stratford Avenue, Pittsburg, in the County of Allegheny, State of Pennsylvania, U.S.A., Electrical Engineer, "Improvements in Systems for converting the energy of Alternating Electric Currents into Mechanical Energy by means of Induction Motors."—Dated 2nd May, 1899.

Application No. 2495.—BENJAMIN GARVER LAMME, of 230 Stratford Avenue, Pittsburg, in the County of Allegheny, State of Pennsylvania, U.S.A., Electrical Engineer, "*Improvements in Direct Current Systems of Electrical Distribution.*"—Dated 2nd May, 1899.

Application No. 2496.—ARTHUR STOUGHTON BLOOMFIELD (Assignee of GEORGE BARNES), 47 Queen Street, Melbourne, Victoria, Incorporated Accountant, "*Improved Contrivances for counterbalancing Window Sashes, Shutters, and the like, and for securing them in any desired position.*"—Dated 2nd May, 1899.

Application No. 2502.—LUDWIG DIEHL, Kalgoorlie, Western Australia, Chemist and Metallurgist, "*Improvements in the extraction of Metals from their Ores.*"—Dated 8th May, 1899.

Application No. 2503.—ARTHUR FRANCIS BRIDGES (Assignee of JAMES SMITH ALLAN), of Gisborne, in the Provincial District of Auckland, and Colony of New Zealand, "*An improved Rain Water Filter.*"—Dated 8th May, 1899.

Application No. 2504.—PETER BEY, of Talbot, in the Colony of Victoria, Cooper, etc., "*Improvements in Rotatable Barrels or Vats for agitating*

*finely-divided ores and sludge in the presence of mercury or cyanide or other solutions.*"—Dated 9th May, 1899.

Application No. 2517.—ROBERT HANITCH HASSLER Indianapolis, Ind., 536 Illinois Street North, U.S.A., Electrical Engineer, "*Improvements in Speed-varying Devices, and Electric Motors for use therein.*"—Dated 12th May, 1899.

Application No. 2518.—HENRY CHARLES STEPHEN, of Torbay, Western Australia, Ship Builder, "*An auto-motor Jinker, principally for conveying heavy logs.*"—Dated 12th May, 1899.

Application No. 2519.—LUDWIG DIEHL, of Kalgoorlie, Western Australia, Chemist and Metallurgist, "*Improvements in the Treatment of Ores for the extraction of Precious Metals.*"—Dated 12th May, 1899.

Application No. 2521.—SAMUEL FENTON ALLEN, of Chicago, Cook Co., Illinois, U.S.A., Machinist, "*The Allen Sheep Shear, a certain machine for the machine shearing of sheep.*"—Dated 12th May, 1899.

MALCOLM A. C. FRASER,  
Registrar of Patents.

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Bell, H., & Cox, M. E.	<i>Vide</i> Cox, M. E., & Bell, H.	2543	30th May, 1899
Bruce, M.	An improved vat for treating ore by solvent processes	2541	30th May, 1899
Cox, M. E., & Bell, H.	An improved hair curler	2543	30th May, 1899
Curtis, C. W., & Davies, L.	An improved explosive	2556	10th June, 1899
Dannhardt, F. H., & Mailer, M.	An improved earth or rock drill	2542	30th May, 1899
Davies L., & Curtis, C. W.	<i>Vide</i> Curtis, C. W., & Davies, L.	2556	10th June, 1899
Dick, W. B.	An improved machine for portioning, moulding, and printing butter, lard, and the like	2559	10th June, 1899
Doe Portable Electric Light and Power Syndicate, Ltd.	Improvements in galvanic batteries	2553	10th June, 1899
Doe, W. S.	<i>Vide</i> Doe Portable Electric Light and Power Synd., Ltd.	2553	10th June, 1899
Gallagher, T.	Improved seat and handle adjustment for bicycles and other velocipedes	2561	10th June, 1899
Gulliver, H.	An improved sash-holder, principally for railway and tram cars	2548	5th June, 1899
Holmes, S. O.	Improvements in the manufacture of block fuel	2557	10th June, 1899
Irvine, F.	Improvements in and relating to the extraction of gold or other metal from ore	2546	5th June, 1899
Luttrell, A. E.	An improved rotary pump	2552	10th June, 1899
Madden, D.	A new eye ointment	2560	10th June, 1899
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Neild, H. W.	<i>Vide</i> Neild "Sleeve" Electric Joint Syndicate, Ltd.	2544	30th May, 1899
Neild "Sleeve" Electric Joint Syndicate, Ltd.	Improved joint for telegraph and other wires conveying electricity	2544	30th May, 1899
Pender, J.	Improvements in the motor and in the driving and controlling mechanism of power-propelled vehicles, and in the construction of such vehicles	2558	10th June, 1899
Plummer, J. H., & Alymer, H.	Improvements in drills	2555	10th June, 1899
Richards, J. T.	<i>Vide</i> Sandycroft Foundry and Engine Works Co., Ltd.	2547	5th June, 1899
Riley, E., jun.	An improved machine for cutting fern and scrub	2550	7th June, 1899
Sandycroft Foundry & Engine Works Co., Ltd. (assignee of Richards, J. T.)	Improvements in and connected with the guides for the stems of stamp mills, or for like purposes	2547	5th June, 1899
Smith, D. C., & Wilson, S.	<i>Vide</i> Wilson, S., and Smith, D. C.	2551	7th June, 1899
Taylor, T. L.	Improved automatic advertisement displayer, principally for hotels, shops, and clubs	2562	10th June, 1899
Tevlev, T.	Improvements in explosives	2554	10th June, 1899
Watts, D.	Improvements in two-speed gearing for cycles	2549	6th June, 1899
Wilson, S., & Smith, D. C.	An improved salt-water evaporator	2551	7th June, 1899
Worthington, C. C.	Improvements in steam engines	2545	2nd June, 1899

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MAY 27TH—JUNE 10TH.

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Explosive	Curtis, C. W., & Davies, L.	2556	10th June, 1899
Explosives	Tevlev, T.	2554	10th June, 1899
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Fern-cutting	Riley, E. jun.	2550	7th June, 1899
Galvanic Batteries	Doe Portable Electric Light and Power Syndicate, Ltd.	2553	10th June, 1899
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Ore	<i>Vide</i> Vat	2541	30th May, 1899
Ore	<i>Vide</i> Gold	2546	5th June, 1899
Portioning	Dick, W. B.	2559	10th June, 1899
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Sash-holder	Gulliver, H.	2548	5th June, 1899
Scrub-cutting	<i>Vide</i> Fern-cutting	2550	7th June, 1899
Seat (bicycle)	Gallagher, P.	2561	10th June, 1899
Stamp Mills	Sandycroft Foundry and Engine Works Company, Ltd.	2547	5th June, 1899
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Albatross Mining & Prospecting Co., Ltd. (assignee of Sparrow, R.)	Improvements in lamp wicks	1717	29th July, 1897	28th Oct., 1898	27	3195
Bell, G. W., Kelly, T. H., & Kirk, R. N.	<i>Vide</i> Kelly, T. H., etc.	2412	6th Mar., 1899	24th Mar., 1899	12	936
Dixson, H. R.	Improvements in covers of metal boxes, and in cutters connected therewith	2400	22nd Feb., 1899	24th Mar., 1899	12	936
Ferrell, J. L.	Method of, and apparatus for, impregnating cellular substances, such as wood, with fire-proofing, preservative, and other reagents in solution	2403	28th Feb., 1899	24th Mar., 1899	12	936
Kelly, T. H., Bell, G. W., & Kirk, R. N. (assignee of Quinby, W. C.)	An improved explosive	2412	6th Mar., 1899	24th Mar., 1899	12	936
Kimber, W. E.	Improvements in machines for sharpening rock drills, rock drilling machine bits, and the like	2415	7th Mar., 1899	24th Mar., 1899	12	936
Kirk, R. N., Kelly, T. H., & Bell, G. W.	<i>Vide</i> Kelly, T. H., etc.	2412	6th Mar., 1899	24th Mar., 1899	12	936
Malmstrom, P. E., & Ackerman, O. W.	Apparatus for carbonating liquids, and process for same	2413	7th Mar., 1899	24th Mar., 1899	12	936
Quinby, W. C.	<i>Vide</i> Kelly, T. H., etc.	2412	6th Mar., 1899	24th Mar., 1899	12	936
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Sharpening Drills ... ..	Kimber, W. E. ... ..	2415	7th Mar., 1899	24th Mar., 1899	12	936

## Trade Marks.

Patent Office, Perth,  
16th June, 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. 1614, dated 12th April, 1899.—DRAKE AND STUBBS, Hay Street, Perth, Ironmongers, to register in Class 5, in respect of Unwrought and Partly-wrought Metals used in Manufacture, a Trade Mark, of which the following is a representation:—

## VELOCITE.

This Mark was first advertised in the Western Australian Government Gazette of the 21st April, 1899—*vide* notice at head of Trade Mark advertisements.

Application No. 1608, dated 21st March, 1899.—THE DUBLIN DISTILLERS Co., Limited, of 48 Mark Lane, London, England, Distillers, to register in Class 43, in respect of Whisky, a Trade Mark, of which the following is a representation:—

## COMMONWEALTH.

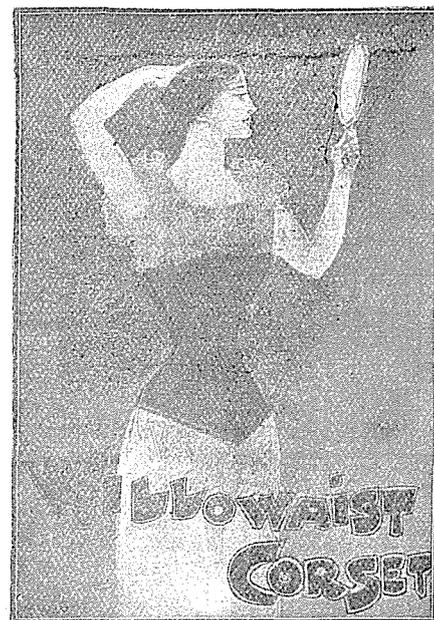
This Mark was first advertised in the Western Australian Government Gazette of the 21st April, 1899—*vide* notice at head of Trade Mark advertisements.

Applications Nos. 1446, 1447, 1448, and 1450, dated 27th June, 1898.—MONKWELL STREET WAREHOUSE COMPANY, of London, to register in Class 34, in respect of Cloths and Stuffs of Wool, Worsted, or Hair. Application No. 1447, to register in Class 31, in respect of Silk Piece Goods. Application No. 1448, to register in Class 24, in respect of Cotton Piece Goods of all kinds. Application No. 1450, to register in Class 38, in respect of Articles of Clothing, a Trade Mark, of which the following is a representation:—

## WILLOWAIST

This Mark was first advertised in the Western Australian Government Gazette of the 28th April, 1899—*vide* notice at head of Trade Mark advertisements.

Application No. 1449, dated 27th June, 1898.—MONKWELL STREET WAREHOUSE COMPANY, of London, to register in Class 38, in respect of Articles of Clothing, a Trade Mark, of which the following is a representation:—



The essential particulars of the Mark are—(1) The device; and (2) the fancy or invented word "Willowaiist," and the exclusive use of the added word is disclaimed.

This Mark was first advertised in the Western Australian Government Gazette of the 28th April, 1899—*vide* notice at head of Trade Mark advertisements.

Application No. 1619, dated 22nd April, 1899.—THE PERFECT COFFEE COMPANY, LIMITED, of 9 Arundel Street, Strand, London, Manufacturers of Liquid Coffee, 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:—

## RÉVEILLE

This Mark was first advertised in the Western Australian Government Gazette of the 28th April, 1899—*vide* notice at head of Trade Mark advertisements.

Application No. 1604, dated 15th March, 1899.—CHARLES WHITE, Barker Road, Subiaco, Boot Manufacturer, to register in Class 38, in respect of Boots and Shoes, a Trade Mark, of which the following is a representation:—

LION.

This Mark was first advertised in the Western Australian Government Gazette of 5th May, 1899—vide notice at head of Trade Mark advertisements.

Application No. 1603, dated 15th March, 1899.—FRANK ASTON EDWARDS, trading as "Aston & Co.," also trading as "The Dulcemon Tea Company," of 11, 11A, and 12 Upper Thames Street, London, England, to register in Class 42, in respect of Tea, Coffee, Cocoa, and other Articles of Food, a Trade Mark, of which the following is a representation:—

DULCEMONA.

This Mark was first advertised in the Western Australian Government Gazette of the 12th May, 1899—vide notice at head of Trade Mark advertisements.

Application No. 1627, dated 2nd May, 1899.—RECKITT & Sons, Limited, 423 Kent Street, Sydney, New South Wales, and of Hull, in Yorkshire, and of London, England, Starch, Blue, and Blacklead Manufacturers, to register in Class 50, Sub-section 6, in respect of Stove Polish, a Trade Mark, of which the following is a representation:—



The essential particulars of the Trade Mark are the words "Rising Sun" and the device, and applicants disclaim any right to the exclusive use of the added matter.

This Mark was first advertised in the Western Australian Government Gazette of the 12th May, 1899—vide notice at head of Trade Mark advertisements.

Applications Nos. 1621, 1622, 1623, 1624, 1625, and 1626, dated 2nd May, 1899.—NINIAN MILLER THOMSON and EDWIN CHARLES GUTTRIDGE, trading as "Mauri Brothers & Thomson," 36 York Street, Sydney, New South Wales, Merchants, to register in Class 1, in respect of Chemical Substances used in Manufactures, Photography, or Philosophical Research and Anti-corrosives. Application No. 1622, to register in Class 2, in respect of Chemical Substances used for Agricultural, Horticultural, Veterinary, and Sanitary purposes. Application No. 1623, to register in Class 3, in respect of Chemical Substances prepared for use in Medicine and Pharmacy. Application No. 1624, to register in Class 42, in respect of Substances used as Food or as Ingredients in Food. Application No. 1625, to register in Class 45, in respect of Tobacco, whether manufactured or unmanufactured. Application No. 1626, to register in Class 4, in respect of Raw or Partly Prepared Vegetable, Animal, or Mineral Substances used in manufactures not included in other classes; a Trade Mark, of which the following is a representation:—

PINNACLE.

This Mark was first advertised in the Western Australian Government Gazette of 19th May, 1899—vide notice at head of Trade Mark advertisements.

Application No. 1630, dated 9th May, 1899.—W.A. OPERATIVE BOOTMAKERS UNION, of Perth, 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 Trade Mark is the combination of devices, and applicant Union disclaims any right to the exclusive use of the added matter.

This Mark was first advertised in the Western Australian Government Gazette of 19th May, 1899—vide notice at head of Trade Mark advertisements.

Application No. 1631, dated 9th May, 1899.—WILLIAM ARTHUR BOARD, of Allhallows Lane, London, E.C., England, Wine and Spirit Merchant and Distiller, to register in Class 43, in respect of Whisky, a Trade Mark, of which the following is a representation:—

VERY SPECIAL LIQUEUR

THE ROYAL HIGHLAND WHISKY.

SPECIAL EXPORT QUALITY, BLENDED, BOTTLED & GUARANTEED BY



THIS FAVOURITE WHISKY IS MATURED AND BOTTLED UNDER EXPERT SUPERVISION CONNOISSEURS ARE CAUTIONED TO OBSERVE THE NAME OF

ON EVERY BOTTLE, TO IMITATE WHICH IS FORGERY.

The essential particular of the Trade Mark is the following:—The device, 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 19th May, 1899—vide notice at head of Trade Mark advertisements.

Application No. 1632, Dated 9th May, 1899.—NETTLEFOLDS, LIMITED, of 16 Broad Street, Birmingham, Warwickshire, and 2 Fen Court, Fenchurch Street, London, E.C., England, Screw Manufacturers, Iron Masters, and Wire Drawers, to register in Class 5, in respect of Unwrought and partly Wrought Metals used in manufacture, a Trade Mark, of which the following is a representation:—

TYDU

This Mark was first advertised in the Western Australian Government Gazette of 19th May, 1899—vide notice at head of Trade Mark advertisements.

Application No. 1633, Dated 9th May, 1899.—NETTLEFOLDS, LIMITED, of 16 Broad Street, Birmingham, Warwickshire, and 2 Fen Court, Fenchurch Street, London, E.C., England, Screw Manufacturers, Iron Masters, and Wire Drawers, to register, in Class 5, in respect of Unwrought

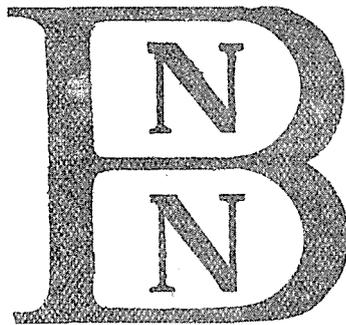
and partly Wrought Metals used in manufacture, a Trade Mark, of which the following is a representation:—



Mark used by applicants and their predecessors in business in respect of the said goods, for one year before 31st January, 1876.

This Mark was first advertised in the Western Australian Government Gazette of 19th May, 1899—*vide* notice at head of Trade Mark advertisements.

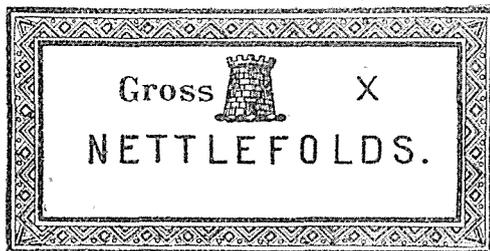
Application No. 1634, dated 9th May, 1899.—NETTLEFOLDS, LIMITED, of 16 Broad Street, Birmingham, Warwickshire, and 2 Fen Court, Fenchurch Street, London, E.C., England, Screw Manufacturers, Iron Masters, and Wire Drawers, to register in Class 5, in respect of Unwrought and partly Wrought Metals used in manufacture, a Trade Mark, of which the following is a representation:—



Mark used by applicants and their predecessors in business, in respect of the said goods, for upwards of one year before 31st January 1876.

This Mark was first advertised in the Western Australian Government Gazette of 19th May, 1899—*vide* notice at head of Trade Mark advertisements.

Applications Nos. 1635 and 1636, dated 9th May, 1899.—NETTLEFOLDS, LIMITED, of 16 Broad Street, Birmingham, Warwickshire, and 2 Fen Court, Fenchurch Street, London, E.C., England, Screw Manufacturers, Iron Masters, and Wire Drawers, to register in Class 13, in respect of Metal Goods not included in other classes. Application No. 1636, to register in Class 5, in respect of Unwrought and partly Wrought Metals used in manufacture, a Trade Mark, of which the following is a representation:—

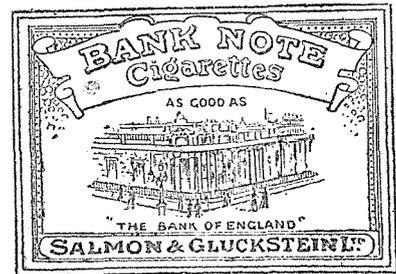


Mark used by applicants and their predecessors in business, in respect of the said goods, for upwards of five years before 31st January, 1876.

This Mark was first advertised in the Western Australian Government Gazette of 19th May, 1899—*vide* notice at head of Trade Mark advertisements.

Application No. 1638, dated 9th May, 1899, SALMON & GLUCKSTEIN, LIMITED, 41 Clerkenwell Road, London, England, Tobacco Manufacturers, to register in Class 45, in respect of Tobacco, whether manufactured or unmanu-

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



The essential particulars of the Trade Mark are the following:—The combination of devices and the words "Bank Note," 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.

This Mark was first advertised in the Western Australian Government Gazette of the 19th May, 1899—*vide* notice at head of Trade Mark advertisements.

Application No. 1639, dated 9th May, 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 particulars of the Trade Mark are the following:—The combination of devices and the words "Dandy Fifth," 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 19th May, 1899—*vide* notice at head of Trade Mark advertisements.

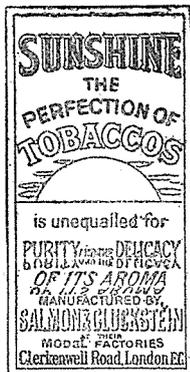
Application No. 1640, dated 9th May, 1899.—SALMON & GLUCKSTEIN, LIMITED, 41 Clerkenwell Road, London, England, Tobacco Manufacturers, to register in Class 45, in respect of Tobacco, whether manufactured or unmanufactured, a Trade Mark, of which the following is a representation:—



The essential particulars of the Trade Mark are the following:—The combination of devices and the word "Puck," 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.

This Mark was first advertised in the Western Australian Government Gazette of 19th May, 1899—vide notice at head of Trade Mark advertisements.

Application No. 1641, dated 9th May, 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 particulars of the Trade Mark are the device and the word "Sunshine," 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.

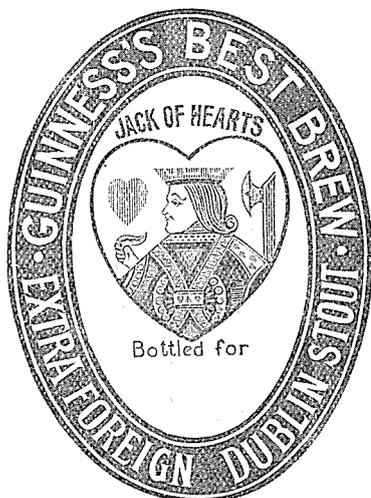
This Mark was first advertised in the Western Australian Government Gazette of 19th May, 1899—vide notice at head of Trade Mark advertisements.

Application No. 1642, dated 9th May, 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:—

**SWEETHEARTS**

This Mark was first advertised in the Western Australian Government Gazette of 19th May, 1899—vide notice at head of Trade Mark advertisements.

Application No. 1535, dated 28th October, 1898.—J. P. O'BRIEN AND COMPANY, of Liverpool, England, Brewers and Bottlers, to register in Class 43, in respect of Fermented Liquors and Spirits, such as Beer, Ale, or Stout, a Trade Mark, of which the following is a representation:—



The essential particulars of the Trade Mark are (1) the words "Jack of Hearts," and (2) the device of a Jack of Hearts

enclosed within a heart-shaped border, and applicant disclaim any right to the exclusive use of the added matter.

This Mark was first advertised in the Western Australian Government Gazette of the 26th May, 1899—vide notice at head of Trade Mark advertisements.

Application No. 1643, dated 9th May, 1899.—PEEK BROS. & WING, LIMITED, 20 Eastcheap, London, England, Wholesale Tea, Coffee, and Spice Dealers, and Cocoa, etc., Manufacturers, to register in Class 42, in respect of Substances used as Food, or as Ingredients in Food, a Trade Mark, of which the following is a representation:—



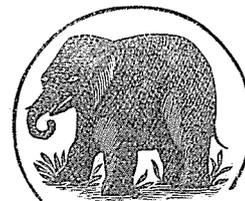
This Mark was first advertised in the Western Australian Government Gazette of the 26th May, 1899—vide notice at head of Trade Mark advertisements.

Application No. 1644, dated 9th May, 1899.—CURTISS & HARVEY, LIMITED, 3 Gracechurch Street, London, England, Gunpowder Manufacturers, to register in Class 20, in respect of Explosive Substances, a Trade Mark, of which the following is a representation:—

**ARGUS.**

This Mark was first advertised in the Western Australian Government Gazette of the 26th May, 1899—vide notice at head of Trade Mark advertisements.

Application No. 1645, dated 9th May, 1899.—CURTISS & HARVEY, LIMITED, 3 Gracechurch Street, London, England, Gunpowder Manufacturers, to register in Class 20, in respect of Explosive Substances, a Trade Mark, of which the following is a representation:—



**ELEPHANT BRAND**

This Mark was first advertised in the Western Australian Government Gazette of the 26th May, 1899—vide notice at head of Trade Mark advertisements.

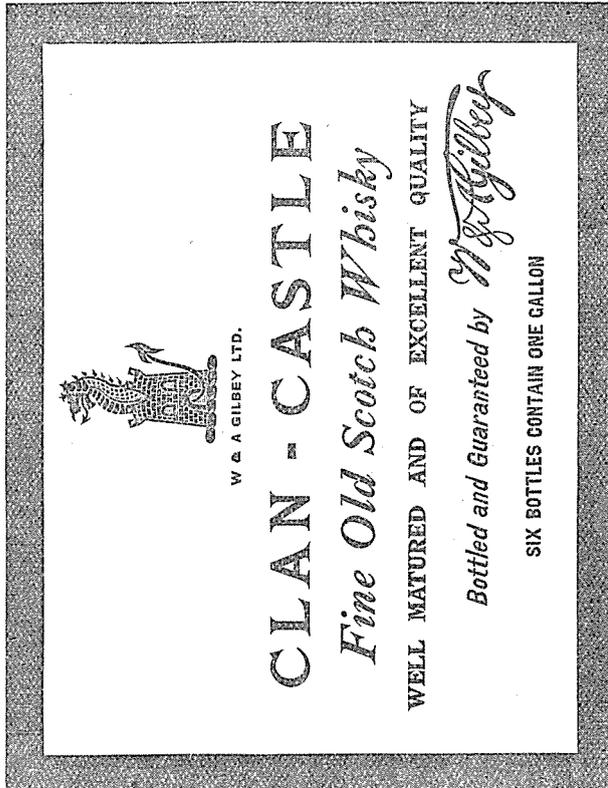
Application No. 1506, dated 17th September, 1898.—THE MARRIOTT CYCLE Co., LTD., of Hay Mills, Birmingham, and 71 Queen Street, London, England, Manufacturers, to register in Class 22, in respect of Velocipedes, Carriages, and other Road Vehicles, including Motor Cars, a Trade Mark, of which the following is a representation:—



The essential particulars of the Trade Mark are:—(1) the device of a shield, (2) the word "Marriott," (3) the fac simile signature "J. Marriott," and we disclaim any right to the exclusive use of the added matter, except the applicant Company's name and address.

This Mark was first advertised in the Western Australian Government Gazette of the 2nd June, 1899—vide notice at head of Trade Mark advertisements.

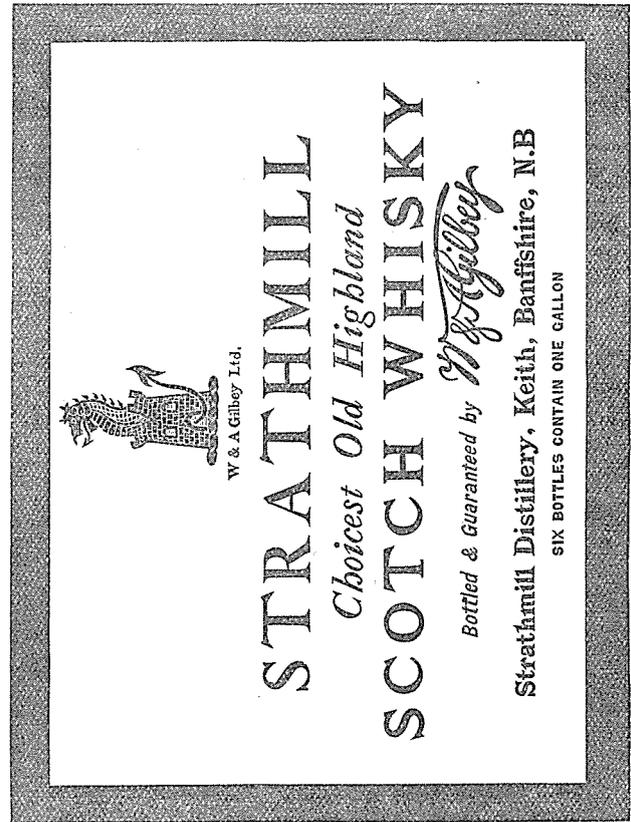
Application No. 1566, dated 23rd December, 1898.—W. & A. GILBEY, LTD., Pantheon, Oxford Street, London, England, Wine and Spirit Merchants and Distillers, to register in Class 43, in respect of Whisky, a Trade Mark, of which the following is a representation:—



The essential particulars of the above Mark consist of the device, the word "Clan-Castle," and the signature of W. & A. Gilbey; 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 2nd June, 1899—vide notice at head of Trade Mark advertisements.

Application No. 1567, dated 23rd December, 1898.—W. & A. GILBEY, LIMITED, Pantheon, Oxford Street, London, England, Wine and Spirit Merchants and Distillers, to register in Class 43, in respect of Whisky, a Trade Mark, of which the following is a representation:—



The essential particulars of the above Mark consist of the device, the word "Strathmill," and the signature of W. & A. Gilbey; 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 2nd June, 1899—vide notice at head of Trade Mark advertisements.

Application No. 1618, dated 21st April, 1899.—JOHN PETER KELLY, of Perry's Buildings, Murray Street, Perth, Manufacturer, to register, in Class 50, Sub-section 6, in respect of Polish for Furniture, Linoleum, Oilcloth, etc., a Trade Mark, of which the following is a representation:—

MYSTERY  
OF  
MYSTERIES.

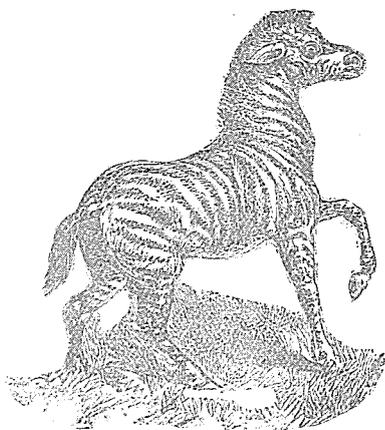
This Mark was first advertised in the Western Australian Government Gazette of the 9th June, 1899—vide notice at head of Trade Mark advertisements.

Application No. 1646, dated 12th May, 1899.—OSMONDS, LIMITED, the Tower, Bagot Street, Birmingham, Warwickshire, England, to register in Class 22, in respect of Cycles, a Trade Mark, of which the following is a representation:—



This Mark was first advertised in the Western Australian Government Gazette of the 9th June, 1899—vide notice at head of Trade Mark advertisements.

Application No. 1654, dated 31st May, 1899.—Jno. JAMES, trading as "John James & Co.," also as "James Lipton," 237 High Street, Fremantle, to register, in Class 42, in respect of Substances used for Food, or as Ingredients in Food, a Trade Mark, of which the following is a representation :—



This Mark was first advertised in the Western Australian *Government Gazette* of the 9th June, 1899—*vide* notice at head of Trade Mark advertisements.

Application No. 1586, dated 27th January, 1899.—JAMES WATSON & Co., LIMITED, of 97 Seagate, Dundee, Scotland, Distillers and Whisky Merchants, to register in Class 43, in respect of Whisky, a Trade Mark, of which the following is a representation :—

**GLENFARG**

**THE PEARL OF SCOTTISH WHISKIES**

*Gow & Ross*

SOLE PROPRIETORS

DUNDÉE

*Guaranteed 10 years old*



---

*Salvation of City Council*  
*Dundee 15th December 1899*

*I have chemically examined a sample of Whisky and the Glenfarg 10 years old the Pearl of Scottish Whiskies, Sole Proprietors Dundee. It contains a good amount of alcohol and is of a fine quality and is perfectly pure and contains no admixture of anything harmful or injurious to the health of the consumer.*

*I have found the quality of this to be a sound and reliable Whisky fully up to and in accordance with the standard to which I am made for it.*

*J. D. McLaughlin, F. I. C.*  
*City Analyst Dundee Public Analyst*  
*10, Park Street, Dundee, S. H.*

The essential particulars of the Trade Mark are—(1st) the word "Glenfarg"; (2nd) the copy of the written signature "Gow & Ross" (the trading name of the firm of James Watson & Co., the predecessors in business of the applicant Company); 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 9th June, 1899—*vide* notice at head of Trade Mark advertisements.

Application No. 1602, dated 14th March, 1899.—GRIMBLE & Co., LIMITED, of 31 Cumberland Market, Regent's Park, London, England, Vinegar Brewers, to register in Class 42, in respect of Vinegar, Pickles, Sauces, and other substances used as food, or as ingredients in food, a Trade Mark, of which the following is a representation:—



This Mark was first advertised in the Western Australian Government Gazette of the 16th June, 1899, *vide* notice at head of Trade Mark advertisements.

Application No. 1656, dated 8th June, 1899.—A. J. WHITE, LIMITED, of 35 Farringdon Road, London, England, Patent Medicine Manufacturers, 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:—

**LAXOL**

This Mark was first advertised in the Western Australian Government Gazette of the 16th June, 1899, *vide* notice at head of Trade Mark advertisements.

Patent Office, Perth,  
13th June, 1899.

APPLICATION No. 1481, dated 15th August, 1898.—WILLIAM DETMOLD, LIMITED, Cliff Street, Fremantle, also at London, Melbourne, and Adelaide, Wholesale Stationers and Paper Merchants, to register in Class 39, in respect of Paper, Paper Bags, and Stationery, a Trade Mark, of which the following is a representation:—

Signet  
EXTRA STRONG

The essential particular of the Trade Mark is the word "Signet," and the 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 16th June, 1899—*vide* notice at head of Trade Mark advertisements.

Alphabetical List of Registrants of Trade Marks.

MAY 27<sup>TH</sup>—JUNE 10<sup>TH</sup>.

Name.	Goods.	Class.	No.	Date.	Gazette.		
					No.	Date.	Page.
Essex, William ... ..	<i>Vide</i> H. Marsh & Co. ... ..	47	1605	15th Mar., 1899	13	31st Mar., 1899	998
Marsh, Henry, and Essex, William, trading as "H. Marsh & Co."	Common soap and candles... ..	47	1605	15th Mar., 1899	13	31st Mar., 1899	998

Index of Goods for which Trade Marks have been Registered.

MAY 27<sup>TH</sup>—JUNE 10<sup>TH</sup>.

Goods.	Name.	No.	Date.	Class.	Gazette.		
					No.	Date.	Page.
Candles ... ..	Henry Marsh and William Essex, trading as "H. Marsh & Co."	1605	15th Mar., 1899	47	13	31st Mar., 1899	998
Soap ... ..	<i>Vide</i> Candles ... ..	1605	15th Mar., 1899	47	13	31st Mar., 1899	998