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[1899.]

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

Applications for Patents.

APRIL 29TH—MAY 13TH.

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

No.	Date.	Name.	Address.	Title.
2487	1899. 1st May ...	Saunders, L. E. ...	Perth, W.A. ...	Improved apparatus for heating purposes, to be used with oil-vaporising stoves
*2488	1st May ...	Westinghouse, G., Terry, C. A., and Davis, H. P.	Pittsburgh, New York, and Pittsburgh, U.S.A.	Improvements relating to collectors and conductors for electric railways on the overhead system
*2489	2nd May ...	Watson, J., and Pollard, F. L. ...	Johannesburg, South Africa	Improvements in compound engines applicable to rock-drilling machines, locomotives, hauling or mill engines, pumps, and the like
2490	2nd May ...	Howland, H. E. (assignee of O. M. Thowless)	New York, U.S.A.	Burners for incandescent lamps
2491	2nd May ...	Evens, R. ...	Sydney, N.S.W. ...	A specific for the cure of fluke-worms and other diseases in sheep and other animals, and the prevention of same
*2492	2nd May ...	Rees, J., and Wren, J. ...	North Carlton and Collingwood, Vic.	Improvements in and connected with fans and their motors and message boxes in the air-pipes therefrom
*2493	2nd May ...	Scott, C. F., Davis, H. P., and Wright, G.	Pittsburg and Wilkinsburg, U.S.A.	Improvements in switches for electric circuits
*2494	2nd May ...	Lamme, B. G. ...	Pittsburgh, U.S.A.	Improvements in systems for converting the energy of alternating electric currents into mechanical energy by means of induction motors
*2495	2nd May ...	Lamme, B. G. ...	Pittsburgh, U.S.A.	Improvements in direct current systems of electrical distribution
*2496	2nd May ...	Bloomfield, A. S. (assignee of G. Barnes)	Melbourne, Victoria	Improved contrivances for counter-balancing window sashes, shutters, and the like, and for securing them in any desired position
2497	2nd May ...	Kitson, A. ...	Germantown, U.S.A.	Vapour-burning apparatus
2498	2nd May ...	Deering Harvester Co. (assignee of J. F. Steward and C. A. A. Rand)	Chicago, U.S.A. ...	Improvements in self-binding harvesters
2499	2nd May ...	Amschel, J. A. (<i>L. G. Rowand</i>) ...	Melbourne, Victoria	An improved process of and apparatus for the magnetic separation of ores

Applications for Patents—continued.

No.	Date.	Name.	Address.	Title.
	1899.			
2500	2nd May ...	Davis, H. P.	Pittsburg, U.S.A. ...	Improvements in electric brakes
2501	6th May ...	Mettam, G. W.	Broad Arrow, W.A.	A new or improved pneumatic hand shower
*2502	8th May ...	Diehl, L.	Kalgoorlie, W.A. ...	Improvements in the extraction of metals from their ores
*2503	8th May ...	Bridges, A. F. (assignee of J. S. Allan)	Gisborne, N.Z. ...	An improved rain water filter
*2504	9th May ...	Bey, P.	Talbot, Victoria ...	Improvements in rotatable barrels or vats for agitating finely divided ores and sludge in the presence of mercury, cyanide, or other solutions
2505	9th May ...	Drage, J. J., and Bridgland, E. T.	Adelaide, S.A. ...	Improvements in refrigerators
2506	9th May ...	Fouché, F.	Paris, France ...	Improvements in apparatus for effecting exchange of temperature between fluids
2507	9th May ...	Godfrey Calciner, Ltd. (assignee of J. Godfrey and H. J. Hayes)	London, England ...	Calcining and furnaces therefor
2508	9th May ...	Koopman, E. B.	London, England ...	Improvements in apparatus for exhibiting a succession of pictures, giving them an appearance of motion and coin-freed mechanism therefor
2509	9th May ...	Aktieselskabet Burmeister, & Wains Maskin, & Skibsbysggeri (assignee of O. Anderson)	Copenhagen, Denmark	Improvements in centrifugal cream separators
2510	9th May ...	Price, A.	Sydney, N.S.W. ...	Improvements in the Hotchkiss boiler cleaners
*2511	10th May ...	Hampson, W.	Southern Cross, W.A.	A process of extracting gold from ore commonly known as Kanowna pug
2512	12th May ...	Davis, H. P.	Pittsburgh, U.S.A.	Improvements in or relating to apparatus for controlling and governing electric motors
2513	12th May ...	Jasper, M.	Berlin, Germany ...	Improved manufacture of incandescence bodies for illuminating purposes
2514	12th May ...	Stamm, W. (assignee to H. L. Sulman)	London, England ...	Improvements in ball-grinding mills
2515	12th May ...	Edwardes, F. A.	London, England ...	Improvements in apparatus for use in the treatment of metallic ores
2516	12th May ... (Dated 23rd February, 1899, under Patent Act Amendment Act, 1894)	Hadfield, R. A., and Jack, A. G. M.	Sheffield, England	Improvements in crushing mills
*2517	12th May ...	Hassler, R. H.	Indianapolis, U.S.A.	Improvements in speed-varying devices and electric motors for use therein
*2518	12th May ...	Stephen, H. C.	Torrey, W.A. ...	An auto-motor jinker, principally for conveying heavy logs
*2519	12th May ...	Diehl, L.	Kalgoorlie, W.A. ...	Improvements in the treatment of ores for the extraction of precious metals
2520	12th May ...	Donnelly, T. C.	Dunedin, N.Z. ...	Improvements in screens
*2521	12th May ...	Allen, S. F.	Chicago, U.S.A. ...	The Allen sheep-shear, a certain machine for the machine shearing of sheep.

Provisional Specifications.

Patent Office, Perth,
19th May, 1899.

APPLICATIONS for Letters Patent, accompanied by Provisional Specifications, which have been accepted from the 29th April to the 13th May, 1899:—

Application No. 2231.—JOHN WHITESIDE SMYTHE and ROSS COULTER, both of 192 Roe Street, Perth, Western Australia, Newspaper Agent and Monumental Mason respectively, “*A new or improved Ice-cream Freezer and Cooler.*”—Dated 10th November, 1898.

Application No. 2289.—WILLIAM HENRY CRAINE HARRISON, of Torrens Road, Woodville, in the Province of South Australia, Miller, “*An improved combination Brace and Bits.*”—Dated 15th November, 1898.

Application No. 2290.—DAVID CHARLES JENKINS, of “Cairnbrae,” Drummond Street, North Ballarat, in the Colony of Victoria, Builder, “*An improved Draw-off Tap, for attachment to Kerosene Tins and other Liquid Drums.*”—Dated 15th November, 1898.

Application No. 2340.—AUGUST PRISTER, of 89 Bree Street, Johannesburg, South African Republic, Chemist, “*Improvements in the Precipitation of Gold from Cyanide Solutions.*”—Dated 22nd December, 1898.

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

Application No. 2401.—ANDREW JANECEK, of 6 Piccadilly Street, Kalgoorlie, Western Australia, “*A new or improved Stump and Tree Puller.*”—Dated 23rd February, 1899.

Application No. 2410.—EDWARD CANDISH MIL-LARD, of 27 Martin's Lane, London, E.C., Eng-land, Tea Taster, "*Improvements in or relating to Belts, Straps, and the like.*"—Dated 6th March, 1899.

Application No. 2432.—GEORGE WESTINGHOUSE, of Westinghouse Buildings, Pittsburg, in the County of Allegheny, State of Pennsylvania, United States of America, Manufacturer, "*Im-provements in Electro-pneumatic Controlling Ap-paratus.*"—Dated 20th March, 1899.

Application No. 2470.—JAMES GEORGE LUSK, of Hamilton, in the Colony of New South Wales, Engineer, "*An improved Window Lock.*"—Dated 18th April, 1899.

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

Application No. 2474.—WILLIAM JOSEPH BROWN, of 2 Commercial Chambers, Manse Street, Dunedin, New Zealand, Rope and Twine Maker, "*An improved Fire Escape.*"—Dated 20th April, 1899.

Application No. 2477.—JAMES McCULLOCH, of Portreath, in the Parish of Illogan, Cornwall, England, Engineer, "*Improvements in Pumps.*"—Dated 22nd April, 1899.

MALCOLM A. C. FRASER,
Registrar of Patents.

Complete Specifications.

Patent Office, Perth,
24th March, 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. 2260.—THOMAS BEAMONT ABBOTT, of Foster Street, Sale, in the Colony of Victoria, Chemist, "*Handle for Kerosene Tins and the like.*"—Dated 18th October, 1898. (Specifica-tion, 2s. 6d.)

Application No. 2400.—HUGH ROBERT DIXSON, of Light Square, Adelaide, South Australia, Tobacco Manufacturer, "*Improvements in Covers of Metal Boxes and in Cutters connected there-with.*"—Dated 22nd February, 1899. (Specifica-tion, 5s.)

Application No. 2403.—JOSEPH LYBRAND FER-RELL, of corner West Johnson and Jefferson Streets, Philadelphia, Pennsylvania, United States of America, Mechanical Engineer, "*Method of and Apparatus for Impregnating Cellular Substances, such as Wood, with Fire-proofing, Preservative, and other Re-agents in Solution.*"—Dated 28th February, 1899. (Speci-fication, £1 1s.)

Application No. 2412.—THOMAS HUSSEY KELLY, Gentleman; GEORGE W. BELL, Author; and ROBERT NEWBY KIRK, Secretary, all of Sydney, New South Wales (Assignees of WILLIAM CROCKER QUINBY), "*An Improved Explosive.*"—Dated 6th March, 1899. (Specification, 2s. 9d.)

Application No. 2413.—PETER E. MALMSTROM, of 321 East Twenty-fifth Street, and OTTO WALDEMAR ACKERMAN, of 590 First Avenue, both of New York, United States of America, Manufacturers, "*Apparatus for Carbonating Liquids, and Process for same.*"—Dated 7th March, 1899. (Specification, £1 15s.)

Application No. 2415.—WALTER EDWARD KIM-BER, of 28 Nugget Street, Johannesburg, South African Republic, Engineer, "*Improvements in Machines for Sharpening Rock Drills, Rock Drilling Machine Bits, and the like.*"—Dated 7th March, 1899. (Specification, 10s.)

MALCOLM A. C. FRASER,
Registrar of Patents.

Patent Office, Perth,
31st March, 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. 2222.—REEVE URIAH GOLDING, of 28 Victoria Avenue, Albert Park, South Melbourne, in the Colony of Victoria, Miner, "*An improved Gold-saving Amalgamating Ap-paratus.*"—Dated 26th September, 1898. (Specification, 5s. 9d.)

Application No. 2396.—WILLIAM HENRY DEAGUE, of 76 Hay Street, Perth, Western Australia, Contractor, "*Improvements in Brick-kilns.*"—Dated 16th February, 1899. (Specification, 2s. 9d.)

Application No. 2402.—JAMES HENRY SHAW, of Bunbury, Western Australia, Photographer, "*Amalgamating, Concentrating, and Classifying Machine for treating Auriferous and other Ores.*"—Dated 24th February, 1899. (Specifica-tion, 6s.)

Application No. 2405.—HENRY LIVINGSTONE SULMAN, of 60 Gracechurch Street, London, England, Analytical Chemist, "*Improvements in obtaining Gold from certain of its Ores.*"—Dated 28th February, 1899. (Specification, 9s. 6d.)

Application No. 2406.—DONALD CAMERON, of 1 Sylvan Road, Pennsylvania, Exeter, England, Civil Engineer; FREDERICK JAMES COMMINS, of 7 Bedford Circus, Exeter, England, Fellow of the Institute of Surveyors, and ARTHUR JOHN MARTIN, of Bradninch House, Exeter, England, Civil Engineer, "*Improvements in the Generation of Gas for Lighting, Heating, and Power Purposes from Sewage or other Decaying Organic Matter, and Improvements in Tanks for the purification of Sewage, and in Apparatus for controlling the supply of Gas therefrom.*"—Dated 28th February, 1899. (Specification, 14s.)

Application No. 2408.—TÜRR'S ACETYLENE GAS SYNDICATE, LIMITED, of Dashwood House, 9 New Broad Street, London, England (Assignee of RAOUL TÜRR), "*Improvements in Apparatus for the Production and Combustion of Acetylene Gas.*"—Dated 28th February, 1899. (Specifi-cation, 5s.)

Application No. 2409.—TÜRE'S ACETYLENE GAS SYNDICATE, LIMITED, of Dashwood House, 9 New Broad Street, London, England (Assignee of RAOUL TÜRE), "*Improvements in Burners for Acetylene Gas, enabling a heating flame to be obtained, and their application to Incandescent Lighting and to heating.*"—Dated 28th February, 1899. (Specification, 3s.)

Application No. 2418.—GENERAL LIQUID AIR AND REFRIGERATING COMPANY, of New Jersey, United States of America (Assignee of OSCAR PATRIC OSTERGREN and MORIZ BURGER), "*Improved Apparatus for Refrigerating and Liquefying Aeriform Fluids or Gases.*"—Dated 11th March, 1899. (Specification, £1 1s.)

Application No. 2423.—HENRY TEESDALE SMITH, of Yarloop, Western Australia, Saw Mills Manager, and HARRY SMITH, of same place, Sawmiller, "*Improved Elevator or Conveyor for Timber.*"—Dated 11th March, 1899. (Specification, 2s. 6d.)

Application No. 2425.—FREDERICK WALTON, of 114 Holborn, London, England, Manufacturer, "*Improvements in Apparatus for the Manufacture of Mosaic Floor Cloth.*"—Dated 14th March, 1899. (Specification, 13s.)

MALCOLM A. C. FRASER,
Registrar of Patents.

Patent Office, Perth,
7th 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. 2422.—EDWARD WILLIAM McKENNA, of 402 Jefferson Street, Milwaukee, U.S.A., Manufacturer (assignee of DAVID HOLLIDAY LENTZ), "*Improvements in Saw Table.*"—Dated 11th March, 1899. (Specification, 7s. 6d.)

Application No. 2434.—THE SUPERIOR DRILL COMPANY, of Springfield, Ohio, U.S.A. (assignee of FRANK R. PACKHAM and GEORGE P. OATES) "*Improvements in Disk Harrows.*"—Dated 21st March, 1899. (Specification, 7s. 6d.)

Application No. 2435.—JOHN HENRY SILLEY and WALTER WILLIAM BACON, both of 41 Castle-reagh Street, Sydney, New South Wales, Engineers, "*An Improved Rotary Shearing Machine.*"—Dated 21st March, 1899. (Specification, 2s. 6d.)

Application No. 2443.—FRIEDRICH SCHRUTH, of 179 William Street, Perth, Western Australia, and LOUIS WEISE, of Albany, Western Australia, Gentlemen, "*Improved Bicycle Thief-proof Lock Appliance.*"—Dated 23rd March, 1899. (Specification 3s. 6d.)

MALCOLM A. C. FRASER,
Registrar of Patents.

Patent Office, Perth,
14th 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. 2158.—JOHN HIORNS MANDER, of 30 St. Asaph Street, Christchurch, New Zealand, Coal Merchant, "*Improvements in Machines for Recording at Elections Votes, and for analogous Purposes.*"—Dated 3rd August, 1898. (Specification, 12s.)

Application No. 2390.—GYNLA VON BENKE, of 367 Bourke Street, Darlinghurst, Sydney, New South Wales, Gentleman, "*Improved Tobacco Moistener.*"—Dated 13th February, 1899. (Specification, 2s. 6d.)

Application No. 2419.—THE SIMULTANEOUS COLOR PRINTING SYNDICATE, LIMITED, of 7 Bleeding Heart Yard, London, England, Printers, and HENRY DE MONTIN, of 57 Rushton Lodge, Sidney Road, New Southgate, Middlesex, England, Printer, "*Improvements in, and relating to, Polychrome Printing Machines.*"—Dated 11th March, 1899. (Specification, 9s.)

Application No. 2428.—FREDERICK WILLIAM MARTINO, Manufacturer, 107 Montgomery Road, Sharrow, Sheffield, England, and FREDERIC STUBBS, Engineer, "Edgegate," Osborne Road, Sheffield, England, "*Improvements in, or relating to, the treatment of Ores and the Precipitation of Precious Metals from their Cyanide Solutions.*"—Dated 17th March, 1899. (Specification, 3s. 6d.)

Application No. 2429.—THE IMPERIAL S. C. ACETYLENE GAS COMPANY, LIMITED, of 33 King Street, Manchester, Lancaster, England, Gas and Generator Manufacturers (Assignee of GEORGE WILLIAM GASKELL and ROBERT RENTON GIBBS), "*Improvements in Apparatus for Generating and Storing Acetylene or other Gas.*"—Dated 17th March, 1899. (Specification, 9s.)

Application No. 2431.—OTTO GRÜNWALD, of St. George's Terrace, Perth, Western Australia, Merchant, "*An Improved Apparatus for the Generation of Acetylene Gas.*"—Dated 17th March, 1899. (Specification, 3s. 6d.)

Application No. 2449.—WILLOUGHBY STATHAM SMITH, of 13 Courtfield Road, South Kensington, Middlesex, England, Electrical Engineer, "*Improvements in Electric Cables.*"—Dated 28th March, 1899. (Specification, 2s. 6d.)

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.

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. 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, Wilkinsburg, 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.

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. 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 WORSNOP 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.

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

Claims:—

1. In machines for pulling trees, stumps, and for other haulage purposes, a flanged shaft (F. B.), substantially as shown and described.
2. The iron wheel (A.), with cogged teeth thereon, substantially as shown and described.
3. In machines for pulling trees, stumps, etc., the combination of the flanged shaft (F. B.), the chain and cogged wheel (A.), the anchor attachments (M.), the pulley (H.), and the rods (I.), substantially as shown and described.

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.

Claims:—

1. The arrangement and construction of a machine or apparatus for obtaining average samples, containing a drum or several drums above each other, each with an inlet slit or opening, and rotated so that the number of revolutions of each higher drum is a multiple of that of the next lower drum, and hoppers and by pass shoots, substantially as hereinbefore described and illustrated by the drawings.
2. In the machine or apparatus for taking average samples by means of rotating drums and constructed as hereinbefore described, the arrangement of an adjustable curved slide for varying the size of the inlet openings of the said drums, substantially as hereinbefore described with reference to Figures III. and IV. of the drawings.

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.

Claims:—

1. A system of generating acetylene gas, characterised by the arrangement in a generating chamber of a series of superimposed carbide containing baskets, trays, or compartments, or a perforated carbide containing device, and by the provision of a narrow chamber or tube extending the whole length of the carbide containing device, which tube has a single admission hole for water, and a series of holes or a long slit to admit that water to the carbide in a circuitous path in such a way that on the one hand the pressure of the gas can regulate the entrance of water through the single admission hole, and on the other hand this hole is prevented from being stopped up by the lime, and the water cannot spurt through direct to all the carbide at once.

2. In the system described in Claim 1, the arrangement of a syphon for filling the gasometer tank, whereby when the gasometer is lowered the air escapes; and the passage is then automatically sealed.

3. A form of construction of the generator described in Claim 1, more particularly for portable lamps, characterised by the series of superimposed carbide baskets or trays being slipped loosely over a central rod or tube, or firmly fixed to said tube in the form of shelves, and fitted in a receiver in such a manner that the carbide baskets, trays, or shelves, together with the rod, can all be lifted out together, whilst, when the trays, baskets, or shelves are arranged rigidly on the central rod or tube, the walls of the receiver may be provided with doors.

4. A form of construction of the generator described in Claim 1, characterised by the water inlet passage being arranged as a perforated tube, surrounded by a tube having a longitudinal slit for delivering the water to the carbide, in which a sliding scraper is arranged in such a way that the slot can be scraped free.

5. In the system described in Claim 1, the arrangement to avoid an excess of gas being evolved in the generator, characterised by the single admission hole for the water being arranged at the bottom of the generator and covered by a flap valve, which can be lifted by the water unless the pressure of gas in the trays, baskets, or shelves reaches an excess, in which case such excess pressure will keep the valve closed against the inflow of water.

6. A modification of the valve described in Claim 5, in which the single admission hole for the water in the bottom of the generator may be closed by the generator being pressed with its bottom upon an india-rubber or other pad provided in the bottom of the water chamber, either by means of a bayonet joint or thumb-screw.

7. In the system described in Claim 1, the arrangement of a spirally curved tube as an internal prolongation of the air inlet in such a way as to prevent explosion through accumulation of gas in the upper part of the water chamber, which, on leaking through the air inlet, might be accidentally ignited, in which case it can only burn as a quiet flame.

8. In the system described in Claim 1, the arrangement of several of the gas generators in a circle around a single gasometer bell, which generators, for the purpose of keeping them cool, may be arranged in an annular tank having a circulation of water, or be provided with fins having a large radiating surface, the said generators being all connected to a common water supply pipe and a common gas exit pipe in such a way that one or more, or all of the generators, may be set into action as required to keep the gasometer bell charged according to the consumption.

9. In the system described in Claims 1 and 8, the arrangement of a blow-off device, for allowing the escape of any excess evolution of gas, which might cause the gasometer bell to rise too high, characterised by a blow-off pipe, having its upper end closed by a movable cap in the gasometer bell, which blow-off pipe is surrounded by a sleeve depending from the top of the bell, which sleeve has a constriction or inward projection at its lower end to engage and lift the cap off the blow-off pipe when the bell exceeds the desired extent of rise.

10. In a system of acetylene gas generation, an apparatus for purifying the gas, characterised by an arrangement of gauze immersed in the liquid in a tank, having an inlet and an exit for the gas in such a way that the gas is forced to pass through the liquid and the gauze, and is thus thoroughly purified of the mechanical impurities.

11. A form of construction of the gas purifier, described in Claim 10, in which two layers of gauze are employed, one a little above the other, and in which the mechanically purified gas is also passed through a chemical scrubber before being taken for consumption.

Specification, 41. 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.

Claims:—

1. The process of recovering precious metals from their ores, consisting in dissolving the precious metal by applying boiling cyanide of potassium solutions, and keeping the solutions of uniform strength during the treatment.

2. The process of separating precious metals from their ores, consisting in first pulverising the ores, then subjecting the same to agitation and to a bath of boiling cyanide of potassium, keeping the solution of uniform strength during the treatment, separating the solution from the ore, and subsequently evaporating the same, and calcining the residue to recover the metal.

3. The process herein described of separating precious metals from their ores, consisting in subjecting the pulverised ore to the action of a boiling solution of cyanide of potassium, agitating the mass, separating the solution from the ore, evaporating the solution, and then calcining the residue, as set forth.

4. The process herein described of separating precious metals from their ores, consisting in subjecting the pulverised ore to the action of a cyanide of potassium solution, admitting steam thereto to raise the solution to the boiling point, and then agitating the same, as set forth.

5. The process herein described of separating precious metals from ores, consisting in subjecting the pulverised ore to the action of a cyanide of potassium solution, admitting steam thereto to raise the solution to the boiling point, agitating the mass, separating the solution from the ore, and then evaporating the solution, as set forth.

6. The process herein described of separating precious metals from ores, consisting in subjecting the pulverised ore to the action of a boiling solution of cyanide of potassium, agitating the mass, separating the solution from the tailings, subjecting the tailings (to which water has been added) to the action of heat while being agitated, separating the solution, adding a fresh supply of water to the tailings, and then separating the resultant solution, and utilising the same in the treatment of fresh supply of ore, as set forth.

7. The process herein described of separating precious metals from ores, consisting in subjecting the ore to the action of a cyanide of potassium solution, admitting steam to the mass to bring it to the boiling point, agitating the same, separating the solution, adding water to the tailings, and then utilising the resultant solution, after settling, for the generation of steam to heat the cyanide of potassium solution, as set forth.

8. The herein described process of separating precious metals from ores, consisting in subjecting the ore to the action of a cyanide of potassium solution, admitting steam to the mass to bring it to the boiling point, agitating the same, separating the solution, adding water to the tailings, utilising the resultant solution for the generation of steam to heat the cyanide of potassium solution, subjecting the tailings, to which water has been added, to the action of heat while being agitated, separating the solution, adding more water to the tailings, and then separating the resultant solution, and utilising the same in the treatment of a fresh supply of ore, as set forth.

9. The process herein described of separating precious metals from ores, consisting in subjecting the ore to the action of cyanide potassium solution, admitting steam to the mass to heat the same, separating the solution from the tailings, and subjecting the solution to the action of steam to evaporate the same, and at the same time generate steam to be used in the heating a subsequent mass of ore and cyanide of potassium, as set forth.

10. The process herein described of separating precious metals from ores, consisting in subjecting the crushed ore to the action of cyanide solution, agitating the mass, admitting steam to the mass to heat the same to the boiling point, separating the solution from the tailings, washing the tailings, and then subjecting the solution, and the solution resulting from the washing to the action of heat, to evaporate the same, and at the same time generate steam to be used in heating a subsequent mass of ore and cyanide of potassium.

11. In an apparatus for recovering precious metals from their ores, a series of movable tanks, a stirrer in each tank, means for discharging a hot solvent solution into the tanks, means for discharging water into the tanks, bins to receive the tailings from the tanks, and means for forcing the recovering solution through said tailings, substantially as specified.

12. An apparatus for recovering precious metals from their ores, comprising a number of movable tanks, a boiler for supplying hot solutions to the tanks, settling tanks for receiving metal-bearing solution from the first-named tanks, the said settling tanks having connection with the boiler, and means for supplying the first-named tanks with solution drawn from the washed tailings, substantially as specified.

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.

Claims:—

1. In receivers employed for the detection of electrical waves or impulses transmitted through space, the use of induction coils or transformers for the purposes specified.

2. Connecting the conductor to earth through the primary of an induction coil, and connecting the ends of the imperfect contact to the ends of the secondary, one of the connections passing through a condenser.

3. In apparatus, such as is referred to in the preceding Claim, substituting a capacity for the earth.

4. In apparatus, such as is referred to in Claims 1, 2, and 3, making the induction coil of very thin wire.

5. In apparatus, such as is referred to in Claims 1 to 4, winding the primary and the secondary coil in single layers.

6. In apparatus, such as is referred to in Claims 1, 2, and 3, the construction of the induction coil, substantially as described.

7. Apparatus, substantially as described and illustrated in the drawings.

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.

Claims:—

1. An electric motor or meter constructed and operating substantially as described.

2. In the electric meter of the kind described, a closed circuit coil which is acted upon inductively by the current flowing through one of the magnetising coils so as to distort the magnetic field passing through the secondary member, and thereby cause a tendency for the secondary member to rotate sufficient to overcome the mechanical friction of the pivots.

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.

Claims:—

1. The method of varying the speed of a direct current electric-motor, which consists in varying the phase relations between current and electro-motor force in the armature circuit whereby the armature reaction is varied.
2. A direct current electro-motor, having connected to its armature winding an auxiliary alternating current circuit, including means for adjusting the phase relation between the current and the electro-motive force therein for the purpose specified.
3. For automatically maintaining substantially constant the speed of a rotary transformer feeding an alternating current circuit having a variable inductive load, a choking coil connected in parallel with the variable inductive load, and so adjusted that variation in the current taken by it will compensate for the variation in the armature reaction of the rotary transformer produced by the variation in the inductive load.
4. The various arrangements for operating the direct current motors at a variable speed, and for governing the speed of a rotary transformer, substantially as herein described.

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.

Claims:—

1. The use of a soluble carbonate, bi-carbonate, or hydroxide for the purpose of removing or decomposing any coating, particularly a

coating of sulphate of lime, that may have formed on zinc shavings or finely divided zinc in the manner and for the purpose substantially as herein described.

2. The treatment of gold-bearing cyanide solutions and washes after contact with ore with a soluble carbonate, bi-carbonate, or hydroxide for the purpose of precipitating or decomposing sulphate of lime in the manner as described herein.

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.

Claims:—

1. For an electrical machine, a core composed of laminæ maintained in position on or in a supporting casting by means of an annular plate which presses the laminæ against a flange or lugs at one end of the casting, said annular plate being secured by means of a ring located partially in a circumferential groove provided in the casting, the projecting portion of the ring being received in a corresponding groove in the annular plate.
2. The modification of the invention, wherein the portion of the ring, or of a series of segments of a ring, which projects from the casting bears against the outer side of the annular plate, said plate being with or without a shoulder adapted to surround said ring or segments.
3. For electrical machines laminated cores constructed substantially as described.

Specification 4s. Drawings on application.

MALCOLM A. C. FRASER,

Registrar of Patents.

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Allan, J. S.	<i>Vide</i> Bridges, A. F.	2503	8th May, 1899
Allen, S. F.	The Allen Sheep Shear, a certain machine for the machine shearing of sheep	2521	12th May, 1899
Amschel, J. A. (<i>L. G. Rowand</i>) ...	An improved process of and apparatus for the magnetic separation of ores	2499	2nd May, 1899
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Barnes, G.	<i>Vide</i> Bloomfield, A. S.	2496	2nd May, 1899
Bey, P.	Improvements in rotatable barrels or vats for agitating finely divided ores and sludge in the presence of mercury or cyanide or other solutions	2504	9th May, 1899
Bloomfield, A. S. (assignee of G. Barnes)	Improved contrivances for counter-balancing window sashes, shutters, and the like, and for securing them in desired position	2496	2nd May, 1899
Bridges, A. F. (assignee of J. S. Allan)	An improved rain water filter	2503	8th May, 1899
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Davis, H. P.	Improvements in electric brakes	2500	2nd May, 1899
Davis, H. P.	Improvements in or relating to apparatus for controlling and governing electric motors	2512	12th May, 1899
Deering Harvester Co. (assignee of J. F. Steward and C. A. A. Rand)	Improvements in self-binding harvesters	2498	2nd May, 1899
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Hassler, R. H.	Improvements in speed varying devices and electric motors for use therein	2517	12th May, 1899
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Edison, T. A.	Improvements in rolls	2374	21st Jan., 1899	24th Feb., 1899	8	662
Empire Cash Register Ltd. (assignee of C. J. Fauvel and N. Collins)	Improvements in cash registers ...	2334	19th Dec., 1898	3rd Mar., 1899	9	723
Fauvel, C. J.	<i>Vide</i> Empire Cash Register, Limited ...	2334	19th Dec., 1898	3rd Mar., 1899	9	723
Jones, W. R. S.	Improvements in and relating to central buffer and draw gear apparatus for railway and like vehicles	2397	20th Feb., 1899	3rd Mar., 1899	9	723
Kingsbury, G. J.	<i>Vide</i> Bunsell and Kingsbury	2378	25th Jan., 1899	24th Feb., 1899	8	662
Lamme, B. G.	Improvements in direct current dynamo electric generators	2385	3rd Feb., 1899	24th Feb., 1899	8	662
Linotype Company, Limited (assignee of J. Place and M. Barr)	Improvements in electrical heating and melting, specially applicable to the metal pots of linotype machines	2381	31st Jan., 1899	24th Feb., 1899	8	662
May, C.	Improvements in fire-alarm annunciators	2398	20th Feb., 1899	3rd Mar., 1899	9	723
Miner, W.	<i>Vide</i> Bates and Miner	2394	13th Feb., 1899	3rd Mar., 1899	9	723
Place, J.	<i>Vide</i> Linotype Company, Limited ...	2381	31st Jan., 1899	24th Feb., 1899	8	662

Index of Subjects of Patents Granted.

APRIL 29TH—MAY 13TH.

Title.	Name.	No.	Date.	Gazette.		
				Date.	No.	Page.
Amalgamator	<i>Vide</i> Crusher	2375	25th Jan., 1899	24th Feb., 1899	8	662
Annunciators	<i>Vide</i> Fire Alarm	2398	20th Feb., 1899	3rd March, 1899	9	723
Calcium Carbide	Bastick, J.	2377	25th Jan., 1899	24th Feb., 1899	8	662
Crusher	Browne, W. A.	2375	25th Jan., 1899	24th Feb., 1899	8	662
Draw Gear	Jones, W. R. S.	2397	20th Feb., 1899	3rd March, 1899	9	723
Fire Alarm	May, C.	2398	20th Feb., 1899	3rd March, 1899	9	723
Generators (Electric)	Lamme, B. G.	2385	3rd Feb., 1899	24th Feb., 1899	8	662
Gold	Bunsell, A. T., and Kingsbury, G. J.	2378	25th Jan., 1899	24th Feb., 1899	8	662
Heating (Electrical)	Linotype Co., Ltd.	2381	31st Jan., 1899	24th Feb., 1899	8	662
Linotype Machines	<i>Vide</i> Heating	2381	31st Jan., 1899	24th Feb., 1899	8	662
Pug	<i>Vide</i> Gold	2378	25th Jan., 1899	24th Feb., 1899	8	662
Railway	<i>Vide</i> Draw Gear	2397	20th Feb., 1899	3rd March, 1899	9	723
Registers	Empire Cash Register, Ltd. ...	2334	19th Dec., 1898	3rd March, 1899	9	723
Rolls	Edison, T. A.	2374	21st Jan., 1899	24th Feb., 1899	8	662
Saddles (Harness)	Bates, S., and Miner, W. ...	2394	13th Feb., 1899	3rd March, 1899	9	723

Trade Marks.

Patent Office, Perth,
19th May, 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.

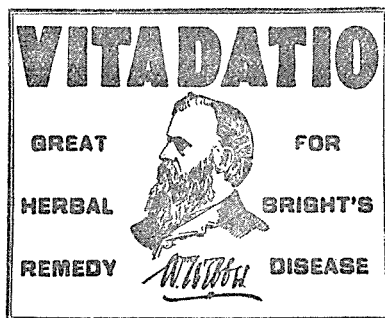
Applications Nos. 1606 and 1607, dated 15th March, 1899.—R. MACKAY & Co., Kalgoorlie, Aerated Water Manufacturers, to register in Class 15, in respect of an Embossment on Glass Bottles. Application No. 1607, to register in Class 44, in respect of Mineral and Aerated Waters, natural and artificial, including Ginger Beer and like Cordials, a Trade Mark, of which the following is a representation :—



The essential particular of the Trade Mark is the device, 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 24th March, 1899—vide notice at head of Trade Mark advertisements.

Application No. 1609, dated 20th March, 1899.—WILLIAM WEBBER, of Launceston, in the Colony of Tasmania, Manufacturer, etc., to register in Class 3, in respect of Herbal Medicine for Human Use, a Trade Mark, of which the following is a representation :—



The essential particulars of the Trade Mark are the word "Vitadatio," the portrait, and the fac-simile signature, "W. Webber;" 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 24th March, 1899—vide notice at head of Trade Mark advertisements.

Application No. 1610, dated 20th March, 1899.—WILLIAM WEBBER, of Launceston, in the Colony of Tasmania, Manufacturer, etc., to register in Class 3, in respect of a Herbal Medicine for Human Use, a Trade Mark, of which the following is a representation :—

CURAVITA.

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

Application No. 1605, dated 15th March, 1899.—HENRY MARSH and WILLIAM ESSEX, trading as "H. Marsh & Co.," South Street, Fremantle, to register in Class 47, in respect of Common Soap and Candles, a Trade Mark, of which the following is a representation :—

SENTRY.

This Mark was first advertised in the Western Australian Government Gazette of the 31st March, 1899—vide notice at head of Trade Mark advertisements.

Application No. 1612, dated 24th March, 1899.—BARFF, LIMITED, of Eastcheap Buildings, London, England, to register in Class 42, in respect of Currants, a Trade Mark, of which the following is a representation :—

KUXJOY.

This Mark was first advertised in the Western Australian Government Gazette of the 31st March, 1899—vide notice at head of Trade Mark advertisements.

Application No. 1613, dated 24th March, 1899.—BARFF, LIMITED, of Eastcheap Buildings, London, England, to register in Class 42, in respect of Currants, a Trade Mark, of which the following is a representation :—

JUPITER.

This Mark was first advertised in the Western Australian Government Gazette of the 31st March, 1899—vide notice at head of Trade Mark advertisements.

Application No. 1611, dated 24th March, 1899.—BARFF, LIMITED, of Eastcheap Buildings, London, England, to register in Class 42, in respect of Currants, a Trade Mark, of which the following is a representation :—

REGINA.

This Mark was first advertised in the Western Australian Government Gazette of the 7th April, 1899—vide notice at head of Trade Mark advertisements.

Application No. 1579, dated 17th January, 1899.—THE AMERICAN CEREAL COMPANY, of Chicago, United States of America, to register in Class 42, in respect of Cereals Pulses, and all descriptions of Cereal Preparations, a Trade Mark, of which the following is a representation :—



The essential particulars of the Mark are the device of a Quaker, as shown, and the word "Quaker;" 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 14th April, 1899—*vide* notice at head of Trade Mark advertisements.

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 "Willowaist," 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.

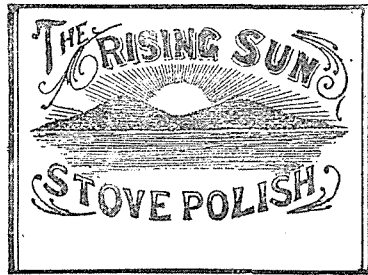
This Mark was first advertised in the Western Australian Government Gazette of 5th May, 1899—*vide* notice at head of Trade Mark advertisements.

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.

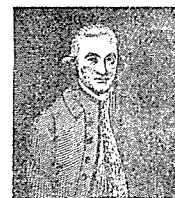
This Mark was first advertised in the Western Australian Government Gazette of 19th May, 1899—vide notice at head of Trade Mark advertisements.

Application No. 1631, dated 9th May, 1899.—WILLIAM ARTHUR BOORD, 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:—

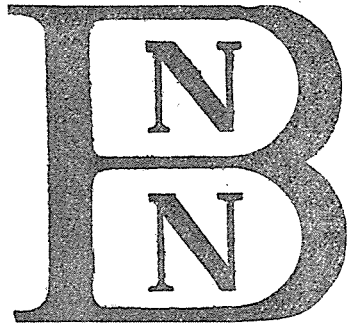
N

WELLINGTON

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.

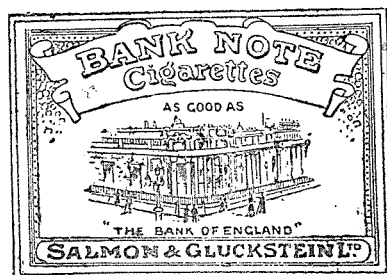
Applications Nos. 1635 and 1636, dated 9th May, 1899.—NETTLEFOLDS, LIMITED, of 16 Broad Street, Birmingham, Warwickshire, and 2 Fen Court, Fenchurch Street, London, E.C., England, Screw Manufacturers, Iron Masters, and Wire Drawers, to register in Class 13, in respect of Metal Goods not included in other 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 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 "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 :—

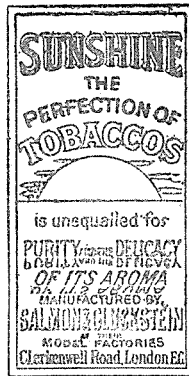


The essential particulars of the Trade Mark are the following :—The combination of devices and the word "Puck," and the applicants disclaim any right to the exclusive use of the added matter, except in so far as it consists of their own name.

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,

tured, 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.

Alphabetical List of Registrants of Trade Marks.

APRIL 29TH—MAY 13TH.

Name.	Goods.	Class.	No.	Date.	Gazette.		
					No.	Date.	Page.
Carter, James, & Co., also trading as "Carters"	Seeds for agricultural and horticultural purposes	46	1592	15th Feb., 1899	10	10th Mar., 1899	806
Carter, James, & Co., also trading as "Carters"	Substances used as food or as ingredients in food	42	1593	15th Feb., 1899	10	10th Mar., 1899	806
Carters	Vide James Carter & Co.	46	1592	15th Feb., 1899	10	10th Mar., 1899	806
Carters	Vide James Carter & Co.	42	1593	15th Feb., 1899	10	10th Mar., 1899	806
Frean	Vide Peek, Frean, & Company	42	1597	4th Mar., 1899	10	10th Mar., 1899	806
Hall, Henry James	Chemical substances prepared for use in medicine and pharmacy	3	1598	4th Mar., 1899	10	10th Mar., 1899	806
Peek, Frean, & Company	Substances used as food or as ingredients in food	42	1597	4th Mar., 1899	10	10th Mar., 1899	806
Teacher, William, & Sons	Whisky	43	1543	22nd Nov., 1898	9	3rd Mar., 1899	738

Index of Goods for which Trade Marks have been Registered.

APRIL 29TH—MAY 13TH.

Goods.	Name.	No.	Date.	Class.	Gazette.		
					No.	Date.	Page.
Chemical Substances	Henry James Hall	1598	4th Mar., 1899	3	10	10th Mar., 1899	806
Food Substances	James Carter & Co., also trading as "Carters"	1593	15th Feb., 1899	42	10	10th Mar., 1899	806
Food Substances	Peek, Frean, & Company	1597	4th Mar., 1899	42	10	10th Mar., 1899	806
Seeds	James Carter & Co., also trading as "Carters"	1592	15th Feb., 1899	46	10	10th Mar., 1899	806
Whisky	William Teacher & Sons	1543	22nd Nov., 1898	43	9	3rd Mar., 1899	738