## Supplement to Government Gazette

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

#### Applications for Patents.

#### МАҮ 13тн-27тн.

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

No.	Date.	Name.	Address.	Title.
2522	1899. 16th May	Imschenetzky, A	St. Petersburg, Russia	Improved manufacture of refractory material suitable for building and other
2523	16th May	Barton, W. W., & Barton, A. T	London, England	purposes. Improvements relating to horse-clippers, sheep-shears, and other apparatus where close contact of the parts is required during movement.
*2524	16th May	Alcock Electrical Position Finder Co., Ltd. (assignee of Alcock, A. U.)	Melbourne, Victoria	Method of and apparatus for electrically transmitting orders or signals, suitable for use as a ship's telegraph, and the like.
*2525 2526	16th May 16th May	Smith, D. C., & Kay, B Jordan, E., & Rogers, G. T	Kalgoorlie, W.A Sydney, N.S.W	An aerial ore-cooler. A rotary moulding machine for shaping metal sheets.
*2527	16th May	Evens, E. L	Malvern, S.A	A game of skill to be called "Anulose," and apparatus connected therewith.
*2528	18th May	Beck, W. J	Fitzroy, Victoria	An improved nail for unequally worn horse shoes.
*2529 *2530	19th May 20th May	Sabelberg, J Ritchie, C. V	Coolgardie, W.A Perth, W.A	Improved construction of condenser.  An improved concentrator and amalgamator for slimes and tailings, for saving gold or tin or other precious metals from their ores.
*2531	22nd May	McLean, J	Perth, W.A	Louvre fire bar, and means for operating same.
2532	22nd May	Fraser & Chalmers, Ltd. (assignee of Browne, R. E.)	London, England	Improved means for raising water from mine shafts or other places.
2533	22nd May	Automatic Telephone Co., Ltd. (assignee of Lui, G. S.)	London, England	An improved system of automatic telephone exchange.
2534	23rd May	Aylworth, D. W. (assignee of Leslie, N. B.)	South Haven, U.S.A.	An improved fence clamp.
2535	23rd May	Pointon, C. E., & Pointon, J. E.	Wellington, England	Improvements in machines for dividing dough and like plastic material.
2536	23rd May	Bickford & Huffman Co. (assignee of Baseman, E.)	Macedon, U.S.A	Improvements in agricultural implements.
2537	23rd May	Vogt, A	Vienna, Austria	Improvements in the manufacture of electrical resistances.
2538	26th May	Fletcher, H. C., & Cornish, S. H.	Melbourne, Victoria	Improved spring wire bedstead bottom, mattress, or seat.
2539	27th May (Dated 4th November, 1898, under Patent Act Amendment Act, 1894	Bechi, G. de	Paris, France	Improvements in the treatment of complex ores.
*2540	27th May	Lamme, B. G	Pittsburgh, U.S.A.	Improvements in systems of electrical distribution and regulation.

#### Provisional Specifications.

Patent Office, Perth, 2nd June, 1899.

A PPLICATIONS for Letters Patent, accompanied by Provisional Specifications, which have been accepted from the 13th to the 27th May, 1899:—

- Application No. 2478.—HARRY PHILLIPS DAVIS, of 37 Neville Street, Pittsburgh, U.S.A., Electrical Engineer, "Improvements in Circuit Breakers."—Dated 22nd April, 1899.
- Application No. 2479.—Harry Phillips Davis, of 37 Neville Street, Pittsburgh, U.S.A., and Frank Conrad, of Whitney Avenue, Wilkinsburg, U.S.A., Electrical Engineers, "Improvements in alternating Current Measuring Instruments."—Dated 22nd April, 1899.
- Application No. 2480.—Charles Felton Scott, of 6214 Sellers Street, Pittsburgh, U.S.A., Electrical Engineer, "Improvements in systems of Electrical Distribution."—Dated 22nd April, 1899.
- Application No. 2484.—HARRY PHILLIPS DAVIS, of 327 Neville Street, Pittsburgh, U.S.A., Electrical Engineer, "Improvement in Controllers for Electric Motors."—Dated 26th April, 1899.
- Application No. 2488.—George Westinghouse, of Pittsburgh, U.S.A., Engineer; Charles Appleton Terry, of 120 Broadway, New York, U.S.A., Lawyer; and Harry Phillips Davis, of 327 Neville Street, Pittsburgh, U.S.A., Electrical Engineer, "Improvements relating to Collectors and Conductors for Electric Railways on the Overhead System."—Dated 1st May, 1899.

MALCOLM A. C. FRASER, Registrar of Patents.

#### Complete Specifications.

Patent Office, Perth, 7th April, 1899.

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

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

- 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.

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

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- 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 Grunwald, 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.

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

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

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.

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

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

- 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. G. FRASER, Registrar of Patents.

> Patent Office, Perth, 5th May, 1899.

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 Carnegy 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.

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

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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 Chip-Man, 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.

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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, £1. 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 Tele-Graph 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, Wilkinsburg, 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 Suther-Land 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, Wilkinsburg, 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.

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

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

For particulars of claims, 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 "Edgegate," 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.

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

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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.

Claims: -

<sup>1.</sup> A spike for securing rails, decking, platforms, and the like, in two parts longitudinally, one part having two or three teeth (such as C), and the other arranged to be driven down behind the first part so

as to force said teeth into the sleeper, joist, or the like, substantially as and for the purpose, herein described and explained, and as illustrated in Figures 1 to 6 of the accompanying drawings.

- 2. In a spike for securing rails, decking, platforms, and the like, made in two parts, a projection (such as E) on the lower end of one part, so as to be forced into engagement with the underside of the sleeper, joist, or the like, on driving the other part into the hole behind said first part, substantially as and for the purposes herein described and explained, and as illustrated in Figure I of the accompanying drawings.
- a. A spike for securing rails, decking, platforms, and the like, made in two parts, with the rear corners of the front or main part rounded off (as at K), and the corners of the other part left projecting (as at L), substantially as and for the purposes herein described and explained, and as illustrated in Figure 3 of the accompanying drawings.
- 4. A spike or stud for securing rails, decking, platforms, and the like, made in two parts, with a head to fit into a counter-sunk hole, one of the parts being provided with projecting teeth (such as C), and the other part being driven down behind it, so as to force said teeth into the wood of the sleeper, joist, or the like, substantially as and for the purposes herein described and explained, and as illustrated in Figure 5 of the accompanying drawings.
- 5. A spike, constructed as claimed in either of the preceding claims in combination with a tapering or inclined key (as M), passing through a slot in the upper end of the spike, substantially as and for the purposes herein described and explained, and as illustrated in Figure 8 of the accompanying drawings.
- 6. A holding-down spike, split longitudinally, and formed with a central longitudinal hole tapering at its lower end, in combination with a locking piece or key adapted to be driven into said hole after the spike is in position, so as to expand its lower end substantially as herein described and explained, and as illustrated in Figures 9, 10, and 11 of the accompanying drawings.
- 7. A holding-down spike, split longitudinally, and having a central hole for the reception of a locking piece or key, the upper end of said hole being recessed (as at E) substantially as herein described and explained, and as illustrated in Figures 9, 19, and 11 of the accompanying drawings.
- 8. A holding-down spike, split longitudinally at its lower end and having an axial hole made tapering at its lower end, said spike being formed with projecting teeth in combination with a key or locking piece substantially as herein de-cribed and explained, and as illustrated in Figures 9, 10, and 11 of the accompanying drawings.
- 9. A holding-down spike, split longitudinally at its upper end to receive a tapering key or locking piece for expanding said upper end substantially as herein described and explained, and as illustrated in figure 14 of the accompanying drawings.
- 10. A holding-down spike and locking piece or key-in combination with a filling piece (as I), having a tapering or inclined surface (as I) substantially as herein described, and as illustrated in Figure 15 of the accompanying drawings.

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.

- 1. In oil vaporising stoves an attachment or spreader, substantially as shown and described.
- 2. In oil vaporising stoves the combination of the spreader (J), the hood ( $\Lambda$ , B, C, D), and the asbestos screen (E, F, G, H) substantially as shown and described, for the purpose of providing an economical means of producing heat.

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.

- 1. In the composition of a specific for the cure of fluke and worms in sheep and other animals, the combination of the ingredients from crude iron ore, arsenical pyrites with Liverpool salt, as herein explained and set forth.
- 2. In the composition of a specific for the cure of fluke and worms in sheep and other animals, the combination of the ingredients herein described, and in the proportions as herein set forth.

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.

- the combination with the upper roller of the lower elevator causes of the gear on the shaft of said roller, an idler gear meshing therewith, a driving gear meshing with the idler gear, and a chain-driven sprocket wheel rigid with the driving gear.
- driven sprocket wheel rigid with the driving gear.

  2. The combination with the upper roller of the lower elevator canvas of an auxiliary roller located stubbleward from and in substantially the horizontal plane of the elevator roller, a gear on the shaft of the elevator roller, a gear on the shaft of the auxiliary roller, a chain-driven sprocket wheel on the auxiliary roller shaft outside of its gear, and an idler gear meshing with both said roller gears.

  3. The combination with the upper roller of the lower elevator curvas of a gear on the shaft of said roller, an idler gear meshing therewith, a driving gear meshing with the idler gear, a chain-driven sprocket wheel rigid with the driving gear, and a shield covering said gear and sprocket wheels.

  4. The combination with the upper roller of the lower elevator
- 4. The combination with the upper roller of the lower elevator canyas, an auxiliary roller located stubbleward from and in substantially the horizontal plane of the elevator roller, and a heads-lifting and accelerating finger at the rear ends of the rollers.

- 5. The combination with the upper roller of the lower elevator canvas of a gear on the shaft of said roller, an idler gear meshing therewith, an auxiliary roller located stubbleward from and in substantially the horizontal plane of said elevator roller, a gear on the shaft of the auxiliary roller meshing with the gear of the auxiliary roller, a sprocket wheel rigid with the auxiliary roller gear, a lifting and accelerating finger pivotally connected to the sprocket wheel, and a link having a fixed pivot at one end and connected at the other to the lower end of the finger.
- the lower end of the finger.

  6. The combination of the lower elevator canvas, the extension board at the rear edge thereof, the upper roller of said canvas, a gear on the rear end of said roller shaft, an auxiliary roller located stubble-ward from and in substantially the horizontal plane of the elevator roller, a gear on the rear end of said roller shaft, an idler gear meshing with both the roller gears, chain-driven sprocket wheel rigid with the gear of the auxiliary roller, the inclined deck leading to the binder, a shield fastened at one end to the aforesaid extension board, and extending over and above the gear and sprocket wheels to the inclined deck, and a finger pivoted below the shield and driven by the sprocket wheel, said finger reaching above the shield, and operating to assist the heads of the grain over the highest point of the elevator.

  7. In a grain elevator and self-hinding harvester, the combination
- 7. In a grain elevator and self-binding harvester, the combination with the rollers at the upper end of the elevator, the binding apparatus, the inclined deek leading from the elevator to the binder, a head-lifting and accelerating finger at the apex of the elevator, and a discharge arm reaching rearward from the end of the overhead binder shaft, and acting more particularly on that part of the grain which is advanced by the accelerating finger.
- 8. The combination with the overhead binder shaft, having the usual ejectors for the body portion of the bundle of an auxiliary discharge arm projecting rearwardly and curving laterally from the end of said binder shaft.
- 9. The combination with the overhead binder shaft, having the ejector (4) of an auxiliary discharge arm fitting on the end of the shaft and detachably secured to the ejector.
- 10. The combination of the overhead binder shaft, having a screw-threaded end, the ejector (4) locked to and upon said shaft by the nut (7) having the serrated face (8), and an auxiliary discharge arm fitting on the projecting end of the shaft, and having a detent to engage the serrations of the nut and adapted to be bolted to the ejector.
- 11. The combination of the overhead binder shaft, having the screw-threaded end (5), the ejector (4) locked to and upon said shaft by the nut (7) screwing upon the shaft, a curved auxiliary discharge arm (x) having a tubular hublike socket (2) fitting over the end of the shaft, a radial arm (3) projecting from the socket, and adapted to be bolted to the ejector (4), serrations (8) on the outer face of the nut, and a detent (9) on the socket of the discharge arm adapted to interlock with the serrations of the nut.
- 12. The combination and arrangement of the binder frame, a swinging crane, hinge jointed to the harvester frame, and a cranked joint-pin journalled in the outer end of the crane and pivotally connected to the binder frame.
- 13. The crane consisting of two members pivoted to the brackets 60 and 70, and united at their outer ends where they are provided with the brace 15, the eyes 100 and 16, and the hinge pin 112 having the cranked end which is pivotally connected to the binder frame.
- 14. The manner of supporting the bundle carrier, which consists in mounting it on horizontally swinging pivoted cranes.
- 15. The combination and arrangement of the cranes 90 and 19, the outward arms 18 and 24, and the bundle carrier rail secured to the

Specification, 17s. Drawings on application.

Application No. 2501.—George William Met-TAM, of Broad Arrow, Western Australia, Plumber, "A new or improved Pneumatic Handshower."—Dated 6th May, 1899.

- 1. My new or improved pneumatic hand-shower as described in these specifications and as illustrated in the accompanying drawings. 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.

- 1. In refrigerators, an inner storage chamber, provided with an ice-box, a passage or air space formed between the ice-box and the inner walls, inlets for the introduction of air, air vents leading from the storage chamber into a jacket or air space formed around the chamber, and air vents leading from the jacket or air space through an outer casing to the outer air. outer casing to the outer air.
- 2. In refrigerators, an inner storage chamber, provided with an ice-box, a passage or air space formed between the ice-box and the inner walls, inlets for the introduction of air, air vents leading from the storage chamber into a jacket or air space around the chamber filled loosely with an insulating material, and air vents leading from the jacket or space through the outer casing to the outer air.
- 3. In refrigerators, the combination with an inner storage chamber, provided with an ice-box and passage formed between the ice-box and inner walls of a jacket or air space between the outer casing and the storage chamber, through and around which the air finally circulates before escaping into the outer air.
- 4. In refrigerators, a passage or air space formed between the ice-box and the inner walls discharging into the storage chamber, and having inlets for the passage of the outer air.
- 5. In refrigerators, providing the outer casing with inner walls forming a jacket or air space, and having suitable inlet and outlets for the circulation of the air around the same, substantially as described.
- 6. In refrigerators, providing the outer casing with inner walls, forming a jacket or air space, and having suitable inlets and outlets arranged at the top and upon opposite sides to each other for the circulation of air around the same, substantially as described.

- 7. In refrigerators, in which the outer easing is provided with inner walls forming a jacket or air space, having suitable air vents for the circulation of air, passing the drip pipe from the ice-box through such air space, substantially as herein described.
- 8. In refrigerators, the combination with an outer casing having inner walls forming a jacket or air passage, having suitable air vents for the circulation of air around the same, of a storage chamber lined with enamelled iron, provided with an ice-box, substantially as described.

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.

#### Claims:

- 1. Exhibiting a succession of pictures giving the appearance of motion by means of a coin which reaches, by bouncing, a position in which it becomes a link enabling the mechanism to be operated, substantially as described.
- 2. In mechanism, for exhibiting a succession of pictures giving the appearance of motion, a flexible driving shaft and grooved wheel (such as L.), with its friction plates adapted to operate a picture reel, acting substantially as and for the purpose specified.
- 3. The combination in picture exhibiting mechanism of a hinged plate (such as B.) operated through a coin by a lever (such as J.), with a rod (such as E.), substantially as described.
- 4. The combination in picture exhibiting mechanism of a hinged plate (such as B.), operated through a coin by a lever (such as J.), and a rod (such as E), and friction device (such as L.), lifting the gearwheel into mesh with the picture wheel, substantially as described.
- 5. In combination with a coin-operated mechanism a drum having picture cards arranged radially thereon, and detaining and releasing stop for said cards, whereby the pictures are successfully and rapidly exhibited, so as to give an appearance of motion, substantially as described.
- 6. In combination with a coin-operated mechanism a drum having picture cards arranged radially thereon, a detaining and releasing stop for said cards, a lamp for illuminating the pictures as they are succes-sively and rapidly exhibited, so as to give an appearance of motion, substantially as described.
- 7. In mechanism for exhibiting a succession of pictures, a hinged stop (such as M.), acting also as a closing switch, establishing the electric contact of the lamp, illuminating the pictures, substantially as described.
- 8. The general arrangement of parts, constituting a coin-operated mutoscope, substantially as described with reference to the accompanying drawings.

Specification, 14s. Drawings on application.

Application No. 2509.—AKTIESELSKABET BUR-MEISTER, & WAINS MASKIN & SKIBSBYGGERI, of Copenhagen, in the Kingdom of Denmark (assignee of Oscar Anderson), "Improvements in Centrifugal Cream Separators."—Dated 9th May, 1899.

- 1. The combination with a rotary bowl, and means for rotating the same, of a milk supply tube arranged at the centre of the bowl, and imperforate to deliver all the milk, at the bottom thereof a series of horizontal or outwardly extending partitions arranged within the bowl, and fixed to said milk supply tube, and removable therewith, and the perforated and irregular cylindrical partition arranged outside of said horizontal partitions, all substantially as set forth.
- norizontal partitions, all substantially as set forth.

  2. The combination with the rotary bowl, having openings therein for the new milk, cream, and blue milk, and means for rotating said bowl of series of partitions arranged within said bowl, and forming a vertical series of chambers at or near the centre of the bowl, and a vertical partition arranged outside of and around said chambers within said bowl, the last partition having irregular surfaces, and provided with openings for the cream and blue milk at points in its vertical length closely adjacent to the edges of the first said partitions, all substantially as set forth.
- 3. The combination with the rotary bowl, having duets for the blue milk, cream, and new milk, and means for rotating said bowl, of a central feed tube (G), imperforate to deliver all the milk at one end of the bowl, partitions (M., N.) extending outward from said feed tube and a cylindrical partition arranged around said partitions (M.), and provided with blue milk and cream passages, substantially as set forth.
- 4. In a centrifugal creamer, the combination with the bowl (A.), and means for rotating the same, of a cylindrical partition, comprising a plate having protuberances and opposite corresponding recesses, the protuberances bearing directly upon the bowl and holding the cylinder in place, said protuberances being perforated near their apices and bases to allow of the flow of blue milk and cream therethrough, and leaving blue milk passages entirely therearound to allow both a vertical and horizontal flow, substantially as set forth.
- 5. In a centrifugal creamer, the combination with the bowl, and means for operating the same, of a cylinder open at its opposite ends, and having protuberances entirely surrounded by passages for the

- fluid to allow a free horizontal and vertical flow, each protuberance being perforated near its point farthest outward projection, and the cylinder being also perforated at the base of its protuberances, substan-tially as set forth.
- 6. In a centrifugal creamer, the combination with the bowl, and means for operating the same, of a sheet metal cylinder with protuberances which do not extend continuously around the periphery of the bowl, said protuberances being stamped or pressed in said cylinder to give the same irregularity of shape, the protuberances leaving passages for the fluid entirely around the same, and having perforations near their apices and bases, substantially as set forth.
- 7. In a centrifugal creamer, the combination with the bowl, and means for operating the same, of a sheet metal cylinder with discontinuous peripherial protuberances on the outside and corresponding recesses on the inside, the protuberances being entirely surrounded with fluid passages, admitting both a horizontal movement of the fluid and a vertical flow as it gradually passes to its exit, said cylinder having perforations for the cream and blue milk, all substantially as set forth.
- Perforations for the cream and blue milk, all substantially as set forth.

  8. In a centrifugal creamer, the combination with a rotary bowl, and means for operating the same, of a perforated partition, comprising a piece of impressed sheet metal turned into a cylindrical form, the impressions due to the stamping forming peripherally discontinuous perforated protuberances on one side of the cylinder and recesses at the other side, the protuberances admitting a vertical flow of fluid between, substantially as set forth.
- 9. In a centrifugal creamer, the combination with the bowl, and means for operating the same, of a sheet metal cylinder with protuberances and perforations, and a frame having partitions forming a vertical series of chambers, the outer edges of the said partition extending out to the inner side of the cylinder at the bases of the protuberances and ducts, whereby the bowl may be supplied with milk at one end, and the cream and blue milk may be separately emitted at the other, substantially as set forth. tially as set forth.
- 10. In a centrifugal creamer, the combination with the bowl, and means for operating the same, of a sheet metal cylinder, having protaberances and perforations, and a frame comprising an imperforate milk-supply tube, having partitions forming a vertical series of chambers, and a flauge on which the said cylinder is seated, substantially as set forth.
- 11. In a centrifugal liquid separator, the combination with the bowl, and means for operating the same, of the milk-supply tube, open to receive the milk at one end of the bowl, and to deliver the same at the other, a series of partitions (M.) fastened upon said tube, and extending laterally therefrom and forming chambers therebetween, said chambers having open communication with one another near said milk-supply tube to allow a flow of cream at the cream wall, and direct communication of the said milk tube with said chambers being cut off, or closed to prevent an intermingling of the new milk with the cream of the cream wall, substantially as set forth.
- 12. In a centrifugal separator, the combination with the bowl, and means for operating the same, of the new milk-supply tube, open to receive the milk at one end of the bowl, and to deliver the same at the other, a series of partitions fastened thereto, and extending laterally therefrom, forming chambers between which are open to one another near said tube to allow a flow of cream at the cream wall wings (N.) arranged between said partitions, and extending from one to another to strengthen said partitions in their relations to one another, substantially as set forth.

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

Application No. 2510.—Alan Price, of Sydney, New South Wales, Civil Engineer, "Improvements in the 'Hotchkiss' Boiler-Cleaners."-Dated 9th May, 1899.

- 1. Constructing the "Hotchkiss" boiler-cleaner in two halves, with a suitable groove or recess in one or both halves to receive a removable baffle plate, as herein set forth.
- 2. Constructing the "Hotchkiss" boiler-cleaner in semi-spherical halves, each half being provided with a flange, whereby it may be bolted to the other half, the faces of the flanges being recessed or the interior of the sphere being provided with suitable means (such as the pegs, J.) for supporting a removable battle plate, as specified.
- 3. The general proved 3. The general arrangement, construction, and combination of parts in the improved "Hotchkiss" boiler-cleaner, as herein set forth, and for the several purposes specified.

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.

1. In revolving screens, especially for gold dredging, the combination of more than one screen fixed together (such as A, A1, A2), or working separately (such as A, A1), the material being delivered into the inner screen, which sifts the coarser part of the wash, relieving the outer or final screen to a large extent, substantially as and for the purposes herein described and explained, and as illustrated in the accompanying drawing.

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

MALCOLM A. C. FRASER, Registrar of Patents.

### Index of Applicants for Patents.

#### МАҮ 13тн—27тн.

Name.	Title.	No.	Date.
Alcock Electrical Position Finder Co., Ltd. (assignee of Alcock, A. U.)	Method of and apparatus for electrically transmitting orders or signals, suitable for use as a ship's telegraph and the like	2524	16th May, 1899
Alcock, A. U	Vide Alcock Electrical Position Finder Co., Ltd An improved system of automatic telephone exchange	$2524 \\ 2533$	16th May, 1899 22nd May, 1899
Aylworth, D. W. (assignee of Leslie, N. B.)	An improved fence clamp	2534	23rd May, 1899
Barton, W. W., & Barton, A. T	Improvements relating to horse clippers, sheep shears, and other apparatus where close contact of the parts is required during movement	2523	16th May, 1899
Baseman, E	Vide Bickford & Huffman Co	2536	23rd May, 1899
Bechi, G. de	Improvements in the treatment of complex ores	2539	27th May, 1899
Beck, W. J	An improved nail for unequally-worn horse shoes	2528	18th May, 1899
Bickford & Huffman Co. (assignee of Baseman, E.	Improvements in agricultural implements	2536	23rd May, 1899
Browne, R. E	Vide Fraser & Chalmers, Ltd	2532	22nd May, 1899
Cornish, S. H., & Fletcher, H. C	Vide Fletcher, H. C., & Cornish, S. H	2538	26th May, 1899
Evens, E. L	A game of skill to be called "Anulose," and apparatus connected therewith	2527	16th May, 1899
Fletcher, H. C., & Cornish, S. H	Improved spring wire bedstead bottom, mattress, or seat	2538	26th May, 1899
Fraser & Chalmers, Ltd. (assignee of Browne, R. E.)	Improved means for raising water from mine shafts or other places	2532	22nd May, 1899
Imschenetzky, Á	Improved manufacture of refractory material suitable for building and other purposes	2522	16th May, 1899
Jordan, E., & Rogers, G. T	A rotary moulding machine for shaping metal sheets	2526	16th May, 1899
Kay, B., & Smith, D. C	Vide Smith, D. C., & Kay, B	2525	16th May, 1899
Lamme, B. G	Improvements in systems of electrical distribution and regulation	2540	27th May, 1899
Leslie, N. B	Vide Aylworth, D. W	2534	23rd May, 1899
Lui, G. S	Vide Automatic Telephone Co., Ltd	2533	22nd May, 1899
McLean, J	Louvre fire-bar and means for operating same	2531	22nd May, 1899
Pointon, C. E., & Pointon, J. E	Improvements in machines for dividing dough and like plastic material	2535	23rd May, 1899
Ritchie, C. V	An improved concentrator and amalgamator for slimes and tailings, for saving gold or tin or other precious metals from their ores	2530	20th May, 1899
Rogers, G. T., & Jordan, E	Vide Jordan, E., & Rogers, G. T	2526	16th May, 1899
Sabelberg, J	Improved construction of condenser	2529	19th May, 1899
Smith, D. C., & Kay, B	An aerial ore cooler	2525	16th May, 1899
Vogt, A	Improvements in the manufacture of electrical resistances	2537	23rd May, 1899

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Title.		Name.				No.	Date.
Agricultural Implements		Bickford & Huffman Co	 	•••		2536	23rd May, 1899
Amalgamator		Vide Concentrator	 			2530	20th May, 1899
Anulose		Vide Game	 		(	2527	16th May, 1899
Building		Vide Refractory Material	 		•••	2522	16th May, 1899
Clamp		Aylworth, D. W	 			2534	23rd May, 1899
Clippers (horse)		Barton, W. W., & Barton, A. T.	 			2523	16th May, 1899
Complex Ores		Bechi, G. de	 			2539	27th May, 1899
Concentrator		Ritchie, C. V	 			2530	20th May, 1899
Condenser		Sabelberg, J	 			2529	19th May, 1899
Cooler	• • • •	Vide Ore Cooler	 			2525	16th May, 1899
Dividing Dough		Pointon, C. E., & Pointon, J. E.	 			2535	23rd May, 1899
Dough		Vide Dividing Dough	 			2535	23rd May, 1899
Electrical Distribution		Lamme, B. G	 			2540	27th May, 1899
Fence Clamp		Vide Clamp	 			2534	23rd May, 1899
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Game		Evens, E. L	 			2527	16th May, 1899
Horse Shoes		Vide Nail	 			2528	18th May, 1899
Louvre Fire Bar		Vide Fire Bar	 		• • •	2531	22nd May, 189
Mattress, etc		Vide Wire Mattress	 			2538	26th May, 189
Metal Sheets		Vide Moulding Machine	 			2526	16th May, 1899
Moulding Machine		Jordan, E., & Rodgers, G. T.	 			2526	16th May, 1899
Nail		Beck, W. J	 			2528	18th May, 1899
Ore Cooler		Smith, D. C., & Kay, B	 			2525	16th May, 1899
Ores		Vide Complex Ores	 			2539	27th May, 1899
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Telephone (Automatic)		Automatic Telephone Co., Ltd.	 			2533	22nd May, 189
Wire Mattress, etc		Fletcher, H. C., & Cornish, S. H.				2538	26th May, 189

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Morton, W Rond, L. J. J. B., Le Warren, J	•••	Improvements in gold-saving apparatus Rotary engines and pumps An improved pulveriser for treating ores and other materials	2399 2395 2389	20th Feb., 1899 15th Feb., 1899 9th Feb., 1899	17th Mar., 1899 17th Mar., 1899 17th Mar., 1899	11 11 11	855 855 855	

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Concentrating Engines (rotary) Gold-saving Ores Pulveriser	 Vide Concentrating Clark, G. C Vide Amalgamating Le Rond, L. J. J. B Morton, W Vide Pulveriser Warren, J Vide February	2393 2387 2387 2393 2395 2399 2389 2389 2389 2395	15th Feb., 1899 7th Feb., 1899 7th Feb., 1899 15th Feb., 1899 20th Feb., 1899 9th Feb., 1899 15th Feb., 1899	17th Mar., 1899 17th Mar., 1899	11 11 11 11 11 11 11 11	855 855 855 855 855 855 855 855

#### Trade Marks.

Patent Office, Perth, 2nd June, 1899.

TT is hereby notified that I have received the undermentioned 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. 1611, dated 24th March, 1899.—Barff, Limited, 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

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:—

## RÉVELLE

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 Dulcemona 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 TradeMark 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 ROYALHIGHLAND WHISKY.

SPECIAL EXPORT
QUALITY, BLENDED,
BOTTLED & CUARANTEED
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.—NETTLE-FOLDS, 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.—NETTLE-FOLDS, 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:—

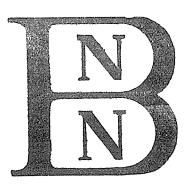
## N

## 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.

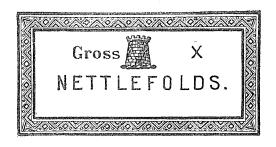
Application No. 1634, dated 9th May, 1899.—NETTLEFOLDS, LIMITED, of 16 Broad Street, Birmingham, Warwickshire, and 2 Fen Court, Fenchurch Street, London, E.C., England, Screw Manufacturers, Iron Masters, and Wire Drawers, to register in Class 5, in respect of Unwrought and partly Wrought Metals used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

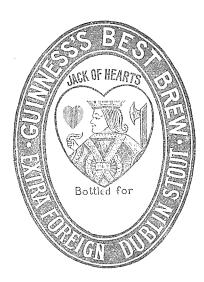
Application No. 1642, dated 9th May, 1899.—Salmon & Gluckstein, Limited, 41 Clerkenwell Road, London, England, Tobacco Manufacturers, to register in Class 45, in

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 disclaims 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. & Winch, 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.

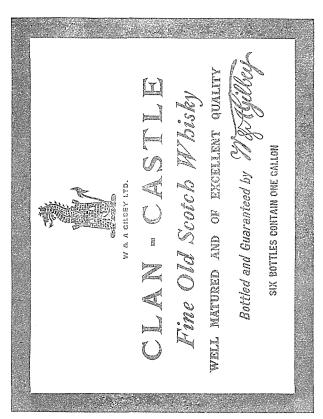
Application No. 1506, dated 17th September, 1898.—The Marriott Cycle Co., Ltd., of Hay Mills, Birmingham, and 71 Queen Street, London, England, Manufacturers, to register in Class 22, in respect of Velocipedes, Carriages, and other Road Vehicles, including Motor Cars, a Trade Mark, of which the following 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.

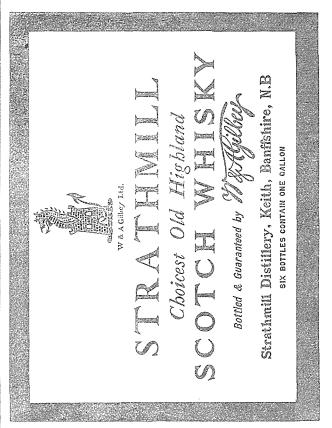
Application No. 1566, dated 23rd December, 1898.—W. & A. Gilber, Ltd., Pantheon, Oxford Street, London, England, Wine and Spirit Merchants and Distillers, to register in Class 43, in respect of Whisky, a Trade Mark, of which the following is a representation:—



The essential particulars of the above Mark consist of the device, the word "Clan-Castle," and the signature of W.  $\beta$ . 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. Gilber, 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 "Struthmill," 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.

#### Alphabetical List of Registrants of Trade Marks.

#### МАҮ 13тн—27тн.

						Gazette.	
Name.	Wool- Wool-  Money An embossment on glass bottles 15 1606 Mineral and aerated waters, natural and artificial, including ginger	Date.	Date.	Page.			
Dr. Jaeger's Sanitary Woollen System Co., Ltd.	Articles of clothing	38	1600	7th Mar., 1899	11	17th Mar., 1899	870
Dr. Jaeger's Sanitary Woollen System Co., Ltd.	Furniture and upholstery	41	1601	7th Mar., 1899	11	17th Mar., 1899	870
Mackey, R., & Co	An embossment on glass bottles	15	1606	15th Mar., 1899	12	24th Mar., 1899	947
Mackey, R., & Co	Mineral and aerated waters, natural	44	1607	15th Mar., 1899	12	24th Mar., 1899	947
Reckitt & Sons, Limited	Blue	47	1599	7th Mar., 1899	11	17th Mar., 1899	870
Webber, William	A herbal medicine for human use	3	1609	20th Mar., 1899	12	24th Mar., 1899	948
Webber, William	A herbal medicine for human use	3	1610	20th Mar., 1899	12	24th Mar., 1899	948

#### Index of Goods for which Trade Marks have been Registered.

#### МАҮ 13тн-27тн.

<i>a</i> .		V.					Gazette.	
Goods.		Name.	No.	Date.	Class.	No.	Date.	Page.
Aerated Waters		R. Mackey & Co	1607	15th Mar., 1899	44	12	24th Mar., 1899	947
Blue		Reckitt & Sons, Ltd	1599	7th Mar., 1899	47	11	17th Mar., 1899	870
Clothing		Dr. Jaeger's Sanitary Woollen System Co., Ltd.	1600	7th Mar., 1899	38	11	17th Mar., 1899	870
Cordials		Vide Aerated Waters	1607	15th Mar., 1899	44	12	24th Mar., 1899	947
Furniture	•••	Dr. Jaeger's Sanitary Woollen System Co., Ltd.	1601	7th Mar., 1899	41	11	17th Mar., 1899	870
Glass Bottles		R. Mackey & Co	1606	15th Mar., 1899	15	12	24th Mar., 1899	947
Medicine		William Webber	1609	20th Mar., 1899	3	12	24th Mar., 1899	948
Medicine		William Webber	1610	20th Mar., 1899	3	12	24th Mar., 1899	948
Mineral Waters		Vide Aerated Waters	1607	15th Mar., 1899	44	12	24th Mar., 1899	947
Upholstery	•••	Vide Furniture	1601	7th Mar., 1899	41	11	17th Mar., 1899	870