

FIFTH SUPPLEMENT

TO THE

VICTORIA

GOVERNMENT GAZETTE

OF FRIDAY, FEBRUARY 9, 1894.

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THURSDAY, FEBRUARY 15.

[1894.

OFFICIAL LIST OF PATENTS AND TRADE MARKS FOR THE MONTH
OF JANUARY, 1894.

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PART I.—PATENTS.

APPLICATIONS FOR PATENTS.

- No. 11065. By George Gibbins, of Cowper and Hopkins streets, Footscray, Victoria, agricultural implement maker, for "A machine or implement for digging or pulverizing, sowing, and rolling land in one operation." 3rd January. Provisional.
- No. 11066. By Henry Bills, of Harbour-street, Sydney, New South Wales, woven wire spring mattress manufacturer, for "An improved combination bedstead and mattress." 3rd January. Complete.
- No. 11067. By Thomas Guy Hunter, of No. 1516 North Fifty-fifth-street, city of Philadelphia, state of Pennsylvania, United States of America, chemist, for "Improved process of removing tin from tin scrap or tin-coated metal." 3rd January. Complete.
- No. 11068. By Sidney Lawrence, of 114 Peel-street, Ballarat, Victoria, dyer, for "Improvements in chaff-cutting and analogous machines." 3rd January. Provisional.
- No. 11069. By Aaron Turner Danke, of 391 Bourke-street, Melbourne, Victoria, brassfounder, for "Improvements in joints or couplings for earthenware, metal, or other goods and articles." 5th January. Complete.
- No. 11070. By William Dowden, of "The Rialto," Collins-street, Melbourne, Victoria, superintending engineer Melbourne Water Supply, for "Improvements in hydrants or fire-plugs." 5th January. Complete.
- No. 11071. By Alfred Philip Dowell, of 73 St. George's-road, North Fitzroy, Victoria, coachbuilder, for "An improved carriage jack." 8th January. Provisional.
- No. 11072. By William Richard Smith, of Bunbury, Western Australia, carpenter, for "A portable and multiple post-boring machine." 8th January. Complete.

- No. 11073. By William White, of Mortlake, Victoria, fence and contractor, for "An improved brace or jigger for post-boring augers." 9th January. Provisional.
- No. 11074. By John Gwynne, of Hammersmith Ironworks, Hammersmith, in the county of Middlesex, England, engineer, for "Improvements in or applicable to dredging apparatus." 9th January. Complete.
- No. 11075. By Henry Herbert Lloyd, of 312 South Tenth-street, in the city and county of Philadelphia, state of Pennsylvania, United States of America, electrical engineer, for "Improvements in secondary or storage batteries." 9th January. Complete.
- No. 11076. By Alfred Arthur Whipp, of Hawksburn-road, Hawksburn, Victoria, brassfinisher, &c., for "An improved appliance for holding bills, invoices, letters, and other papers." 10th January. Provisional.
- No. 11077. By James Carstairs, of Euroa, Victoria, draper, for "An improved method of and apparatus for conveniently arranging and automatically supplying articles for storemen." 10th January. Provisional.
- No. 11078. By Hart Grigg, of Brown's Hill, Flemington, Victoria, machinist, for "Improvements in clothes-washing machines." 11th January. Complete.
- No. 11079. By Arthur Otto Sachse, of No. 454 Collins-street, Melbourne, Victoria, patent agent, for "Improvements in machines for extracting gold from sands and gravel and pulverized ores." 11th January. Complete.
- No. 11080. By Alfred George Chard, of Parer's Hotel, Bourke-street, Melbourne, Victoria, gentleman, for "A combined sanitary boiler and strainer." 11th January. Provisional.
- No. 11081. By Harriett Carmont, of Helmsdale, Kingston-on-Thames, in the county of Surrey, England, gentlewoman, for "Improvements in apparatus serving as a starter or propeller and brake for omnibuses and other vehicles." 11th January. Complete.
- No. 11082. By John George Aulsebrook Kitchen, of Ardwick, near Manchester, in the county of Lancaster, England, cycle tire manufacturer, for "Improvements in brake apparatus for cycles and other road vehicles." 11th January. Complete.
- No. 11083. By Montague Herbert Churchill Shann, of 32 Winter-street, Malvern, Victoria, engineer, for "Improvements in spark arresters." 12th January. Provisional.
- No. 11084. By James Henry Austin, of Princes-street, Gisborne, Victoria, carpenter, for "An improved butter printing and weighing machine." 13th January. Complete.
- No. 11085. By Robert Law, of No. 17 Tivoli-road, South Yarra, Victoria, miller, for "An improved spark arrester." 13th January. Provisional.
- No. 11086. By Henry Alfred Macfarland Morgan, of No. 48 Mining Exchange, Ballarat, Victoria, mining engineer and metallurgist, for "Improvements in the method of and appliances for extracting metals from ores by aid of suitable solvents." 13th January. Provisional.
- No. 11087. By John Gwynne, of Hammersmith Ironworks, Hammersmith, in the county of Middlesex, England, engineer, for "Improvements in dredging apparatus." 15th January. Complete.
- No. 11088. By Frederick John Corbett, of "Clarendon," Cromwell-road, South Yarra, Victoria, gentleman, for "Separating the fine gold from the tailings or other alluvial auriferous dirt or sludge." 15th January. Provisional.
- No. 11089. By Archibald D. Hunter, of the Commercial Club, Queen's-walk, Swanston-street, Melbourne, Victoria, commercial agent, for "An improved means for advertising purposes." 15th January. Provisional.
- No. 11090. By Henry Wallace McClellan, of 113 Lambeth Palace-road, London, England, plumber, for "Improvements in apparatus for flushing water-closets, urinals, wash-basins, and the like." 15th January. Complete.
- No. 11091. By Christopher Bradley, of No. 2 Railway-road, Malvern, Victoria, engineer, for "Improvements in or connected with the fastenings for railway carriage doors." 15th January. Provisional.
- No. 11092. By George Knowles, of 231 Elizabeth-street, Melbourne, Victoria, merchant, for "An improved spraying pump for horticultural and similar purposes." 16th January. Complete.
- No. 11093. By William Naylor Morriss, of Moonee Ponds, Victoria, engineer, and Richard Hales Smith, of Domain-road, South Yarra, Victoria, masseur, for "An improved feed water heater and fuel saver." 17th January. Complete.
- No. 11094. By James Robinson and George Brown, both of Gawler, South Australia, machinists, for "Improved wrought metal ploughshares and apparatus for manufacturing the same." 17th January. Complete.
- No. 11095. By Charles Vincent Potter, of Neptune-street, St. Kilda, Victoria, manufacturer, for "An improved smoke-consuming and fuel-saving apparatus." 17th January. Provisional.
- No. 11096. By Henry John Lawrence and Alfred Ernest Bromell, both of Corio Boilerworks, Yarra-street, Geelong, Victoria, boilermakers and engineers, for "An improved boiler tube and pipe cleaner." 18th January. Provisional.
- No. 11097. By John Lawrence Cox, of 25 Douglas-street, Toorak, Victoria, traveller, for "An improved process of and apparatus for disinfecting of sewage and other fecal matter, and for the automatic receipt and discharge of liquids." 18th January. Complete.
- No. 11098. By Edward Seitz and Richard Pickup Park, both of Blackburn, Victoria, engineers, for "Improvements in centrifugal pumps." 19th January. Complete.
- No. 11099. By Charles Stuart Nott, of No. 454 Collins-street, Melbourne, Victoria, gentleman, for "Improvements in slippers, shoes, &c." 19th January. Provisional.
- No. 11100. By Henry Mace, of No. 16 Sutherland-street, Brunswick, Victoria, merchant, for "An improved ventilated cover for jugs and similar receptacles." 20th January. Provisional.
- No. 11101. By Hugh Thomson, of "Thornton," Studley Park-road, Kew, near Melbourne, Victoria, tanner, for "Improvements in street hydrants or fire-plugs." 22nd January. Complete.
- No. 11102. By Hugh Thomson, of "Thornton," Studley Park-road, Kew, near Melbourne, Victoria, tanner, for "An improved tool for cutting recesses on the inside of fire-plug casings." 22nd January. Complete.
- No. 11103. By William Henry Pippard, of 70 Raglan-street, Port Melbourne, Victoria, general smith, for "An improvement in smoke flues of portable copper washing boilers." 23rd January. Provisional.
- No. 11104. By Arthur Malcolm, of Carpenter-street, Middle Brighton, Victoria, clerk, for "An improved method of automatically closing railway carriage and other doors." 23rd January. Provisional.
- No. 11105. By Aaron Turner Danks, of 391 Bourke-street, Melbourne, Victoria, brassfounder, for "Improvements in bi-sulphide of carbon phylloxera pumps." 23rd January. Provisional.
- No. 11106. By William Saunders, of No. 143 Lennox-street, Richmond, Victoria, malt extract manufacturer, for "A new preparation of malt and hops for facilitating and accelerating the manufacture of bakers' yeast." 24th January. Complete.
- No. 11107. By Alexander Fraser, of 20 Gordon-place, Melbourne, Victoria, engineer, for "Improvements in the construction of potato diggers." 25th January. Provisional.
- No. 11108. By William Evan Downing, of Glen Eira-road, Elsternwick, Victoria, for "Improved tap appliance for drawing off liquids from tin-plate receptacles." 27th January. Provisional.
- No. 11109. By Otto Charles Schumacher, of Esplanade East, Port Melbourne, Victoria, milling engineer, for "Improvements in roller flour mills." 27th January. Provisional.
- No. 11110. By Albert Davey, of Moe, Gippsland, Victoria, blacksmith, for "A portable quartz ram battery suitable for wet or dry crushing." 27th January. Provisional.
- No. 11111. By John Alexander McGeoch, of 454 Collins-street, Melbourne, Victoria, farmer, for "An improved combination implement for use in the cultivation of the soil." 29th January. Provisional.
- No. 11112. By John Alexander McGeoch, of No. 454 Collins-street, Melbourne, Victoria, farmer, for "Improvements in harrows." 29th January. Provisional.
- No. 11113. By Ernest Collins Chard, of No. 27 Martins-lane, London, E.C., England, artist, for "Improvements in automatic scale weighing apparatus." 29th January. Provisional.
- No. 11114. By John Henry Hill Duncan, of 39 Coleman-street, London, England, chartered accountant, for "Improvements in or relating to apparatus for use in the manufacture of butter." 29th January. Provisional.
- No. 11115. By William Joseph Italian, of No. 63 Lewisham-road, Windsor, Victoria, mechanic, for "Improved method of and apparatus for locking nuts on bolts." 29th January. Provisional.
- No. 11116. By August Saupé, of 85 Coppin-street, Richmond, Victoria, miner, and William Gustave Stahl, of 73 Stafford-street, Abbotsford, Victoria, inspector of works, for "Improvements in the appliances for economical and safe tunnel driving in wet or dry earth." 30th January. Provisional.
- No. 11117. By Craven William Burford, of No. 548 Flinders-street, Melbourne, Victoria, printer, for "An improved cord stop for sun blinds and analogous structures." 30th January. Complete.
- No. 11118. By Edgar John Lording, of Railway Hotel, Windsor, Victoria, gentleman, for "An improved sash fastener." 30th January. Provisional.
- No. 11119. By Henry Dean Corbett, of the Melbourne Coffee Palace, Bourke-street, Melbourne, Victoria, engineer, for "An improved contrivance for turning over the leaves of music." 30th January. Provisional.
- No. 11120. By Ernest Jardine Thwaites, of South-road, Brighton, near Melbourne, Victoria, draughtsman, and John Shephard, of No. 125 City-road, South Melbourne, Victoria, engineer, for "An improved contrivance for attaching to thin plate vessels, such as kerosene tins, for facilitating the withdrawal of liquids therefrom." 30th January. Provisional.
- No. 11121. By William Humble and Ward Nicholson, both of the Vulcan Foundry, Little Malop-street, Geelong, Victoria, engineers and ironfounders, for "An improved machine for making furrows and distributing poisoned grain therein." 31st January. Complete.
- No. 11122. By William Abell, of Austin-street, Footscray, Victoria, engineer, for "An improved spark arrester." 31st January. Provisional.
- No. 11123. By John Alexander McGeoch, of No. 454 Collins-street, Melbourne, Victoria, farmer, for "Improvements in mould boards for ploughs." 31st January. Provisional.

PROVISIONAL SPECIFICATIONS ACCEPTED.

No.	Date of Acceptance.	Name.	Title.
	1894.		
11037	January 4	George Whitwell Chalmers	Improvements in the method of and apparatus for milking cows
11056	January 4	William George Sandys	Improvements in the cores of machines for making earthenware or stoneware pipes
11060	January 4	Charles James Holroyde	A new or improved clip for fastening the covers of electric light and other casing
11062	January 4	Henry Jaggars	An improved apparatus for concentrating metals
11047	January 5	George Hawker	An improved machine for raising potatoes and separating them from the soil and tops
11057	January 5	Stuart Leopold Mackenzie	An improved method of protecting spouting from sparrows, leaves, and other rubbish
11065	January 8	George Gibbins	A machine or implement for digging or pulverizing, sowing, and rolling land in one operation
11068	January 9	Sidney Lawrence	Improvements in chaff-cutting and analogous machines
11071	January 9	Alfred Philip Dowell	An improved carriage jack
11073	January 11	William White	An improved brace jigger for post-boring augers
11077	January 11	James Carstairs	An improved method of and apparatus for conveniently arranging and automatically supplying articles for storemen
11083	January 16	Montague Herbert Churchill Shann	Improvements in spark arresters
11085	January 16	Robert Law	An improved spark arrester
11086	January 16	Henry Alfred Macfarland Morgan	Improvements in the method of and appliances for extracting metals from ores by aid of suitable solvents
11063	January 17	William Gordon Coote	An improved potato-digging machine
11080	January 17	Alfred George Chard	A combined sanitary boiler and strainer
11088	January 17	Frederick John Corbett	Separating the fine gold from the tailings or other alluvial auriferous dirt or sludge
11091	January 17	Christopher Bradley	Improvements in or connected with the fastenings for railway carriage doors
11035	January 18	Harry Hale	An improved potato-digging machine
11076	January 19	Alfred Arthur Whipp	An improved appliance for holding bills, invoices, letters, and other papers
11095	January 19	Charles Vincent Potter	An improved smoke-consuming and fuel-saving apparatus
11096	January 22	Henry John Lawrence and Alfred Ernest Bromell	An improved boiler tube and pipe cleaner
11100	January 23	Henry Mace	An improved ventilated cover for jugs and similar receptacles
11099	January 24	Charles Stuart Nott	Improvements in slippers, shoes, &c.
11103	January 25	William Henry Pippard	An improvement in smoke flues of portable copper washing boilers
11104	January 25	Arthur Malcolm	An improved method of automatically closing railway carriage and other doors
11105	January 25	Aaron Turner Danks	Improvements in bi-sulphide of carbon phylloxera pumps
11109	January 30	Otto Charles Schumacher	Improvements in roller flour mills
11108	January 31	William Evan Downing	Improved tap appliance for drawing off liquids from tin-plate receptacles

COMPLETE SPECIFICATIONS ACCEPTED.

NOTE.—Any person desiring to oppose the grant of a patent on any of the undermentioned applications must, within two months from the date of the acceptance, give notice at the Patent Office of such opposition.

No.	Date of Publication.	Name.	Title.
	1894.		
10261	January 12	William Rayner	An improved method of and means of locking nuts on bolts or screws
10610	January 12	Adolph Wahlin	Improvements in centrifugal separators for cream and butter
10711	January 12	Clora Annie Cooke	Improved apparatus for forming perforated characters, letters, figures, or devices through paper, cloth, leather, or other material
11041	January 12	Hugh Thomson	Improved metal hobs or studs for boots and shoes
11053	January 12	Ass Norman Whitney	An improved counterfeit pigeon projector or trap for shooting practice
11054	January 12	George Frederic Gee	A finger can opener
11055	January 12	Arthur George Holroyd, Edward Hughes, John Sinclair Pirrie, and Edward Joseph Rigby	An improved concentrator and classifier
11070	January 12	William Dowden	Improvements in hydrants or fire-plugs
11072	January 12	William Richard Smith	A portable and multiple post-boring-machine
10681	January 19	Andrew Cant	An improved water heater for bath purposes
10741	January 19	Emery Arthur Clark	Electro-mechanical switch and system of electrical intercommunication
10816	January 19	Abraham Kagansky	Improvements in colonial sofas
10842	January 19	Rudolf Bammann	Composition in the production of marble-like plaster
11009	January 19	Hender Vander Weyde	Improvements in block ice and in the method of or process for rendering it easily breakable
11011	January 19	William Wratten	Improvements in the construction of wire fencing
11052	January 19	Barnet Glass	Improvements in india-rubber waterproof garments
11074	January 19	John Gwynne	Improvements in or applicable to dredging apparatus
11075	January 19	Henry Herbert Lloyd	Improvements in secondary or storage batteries
11081	January 19	Harriett Carmont	Improvements in apparatus serving as a starter or propeller and brake for omnibuses and other vehicles
11082	January 19	John George Aulsebrook Kitchen	Improvements in brake apparatus for cycles and other road vehicles
11090	January 19	Henry Wallace McClellan	Improvements in apparatus for flushing water-closets, urinals, wash-basins, and the like
10473	January 25	David Halley	An improved shaking table amalgamator
10897	January 25	Louis James	Automatic strainer for cleansing rain showers from roofs or other sources
11067	January 25	Thomas Guy Hunter	Improved process of removing tin from tin scrap or tin-coated metal
11078	January 25	Hart Grigg	Improvements in clothes-washing machines
11079	January 25	Arthur Otto Sachse	Improvements in machines for extracting gold from sands and gravel and pulverized ores
11092	January 25	George Knowles	An improved spraying pump for horticultural and similar purposes
11093	January 25	William Naylor Morriss and Richard Hales Smith	An improved feed water heater and fuel saver
11098	January 25	Edward Seitz and Richard Pickup Park	Improvements in centrifugal pumps

PROVISIONAL SPECIFICATION REFUSED.

No.	Date Refused.	Name.	Title.
11018	1894. January 18	John Burns Smith	Improvements in the construction of collars, saddles of all kinds, as well as breast-plates used by all animals used in the drawing of either light or heavy weights

COMPLETE SPECIFICATIONS REFUSED.

No.	Date Refused.	Name.	Title.
10417	1894. January 11	Edward Waters	Improvements in packing cases for bottles
10442	January 29	Alfred Helzner	Improvements in musical string instruments
10698	January 11	Oscar Elphick	Improvements in water-closets

LETTERS PATENT SEALED.

No.	Date of Sealing.	Name.	Title.
10071	1894. January 9	James Leslie	An improved combined coupling and uncoupling apparatus for railway and other vehicles
10192	January 9	Isaac Jacobs and Louis Philip Jacobs	An improved machine for manufacturing paper mouth-pieces or holders for cigarettes
10232	January 9	James Lambert Williams	An improved skylight frame
10264	January 9	Harbert Cave	An improved process and appliance for destroying rabbits in rabbit burrows
10307	January 9	William Scott	Improvements in contrivances for loading or unloading grain or other substances in bags
10660	January 9	Henry Williams	An improved ploughshare
10715	January 9	William Adams the younger	A new explosive compound and process of manufacturing the same
10818	January 9	George Augustus Macnutt	An improved screw for woodwork and other purposes
10864	January 9	John Warren and John Hogarth	Improvements in the walls of tanks and reservoirs
10877	January 9	Richard Hales Smith	A grooved tubular nail
10898	January 9	Thomas Dobbie and George Napier Turner	An improved clothes-washing machine
10906	January 9	Ebenezer Backwell	A contrivance for obtaining direct back draught for portable and other cooking stoves
10913	January 9	Edwin Parnell Muntz and Lindsay Russell	An improved apparatus for adjusting surveyors' measuring chains and steel tapes
10408	January 11	Alfred Felton, Frederick Sheppard Grimwade, and Lambton Le Breton Mount	An improved stopper for bottles, jars, and other receptacles principally adapted for those containing vegetable substances in preserving liquids
10873	January 11	Wilson Mason Whitford and Samuel Cohen	Improvements in brushes
10183	January 16	Isaac Jacobs and Louis Philip Jacobs	Improvements in the manufacture of cigarettes and in machines therefor
10335	January 24	Benjamin Household	Improvements in louver shutters or venetian blinds
10392	January 24	Hugh Thomson	An improved removable screw-down stopper for preventing leakage either into or out of water mains through street fire-plugs
10654	January 24	Christopher Hatton	Improvements relating to methods of producing and apparatus for producing and containing aerated or gaseous liquids
10870	January 24	William Benjamin Walters	A new machine for making butter and condensed milk
10910	January 24	Thomas William Clark	An improved horizontally reciprocating table concentrator principally for the treatment of auriferous material
10935	January 24	Thomas Ely and Joseph Mallett	Improvements in counter seats
10948	January 24	Walter James Hampson and William James Halliday	An improved hydrant or fire-plug

PATENTS ON WHICH RENEWAL FEES HAVE BEEN PAID.

No.	Renewal Fee.	Name.
4871	3rd term	Major Henry Augustus Clarke
4898	"	Edward Waters
4933	"	John Good
8326	2nd term	Charles Fairbairn
8333	"	George Samuel Baker
8414	"	Alexander Stanley Elmore
8417	"	William Henry James Rasell
8427	"	Robert Edward Evenden
8442	"	L. Stevenson and Sons Limited
8448	"	William Maxwell Wood
8449	"	Hermann Lemp
8541	"	Henry Harper, John Tryon, and Thomas George Poole
8544	"	Ludwig Mond

PATENTS EXPIRED FOR NON-PAYMENT OF FEES.

NOTE.—These patents may be revived upon application to the Commissioner within six months (see *Patents Act 1890*, sec. 22).

No.	Name.	Title.	Term.
4880	William Farrell	Improvements in harvesting machinery	3rd term
4885	George John Smith	Means of rendering the coating of fuses incombustible	"
4886	Augustus Timmis	Improvements in arrangements for electrically lighting railway trains	"
8397	The Parke and Lacy Company	Improvements in certain descriptions of ore concentrators	2nd term
8398	Robert Davy Bowman	Improved process and apparatus for the production of oxygen gas	"
8400	Bedlington Bodycomb	Conduit for electric wires and cables, speaking tubes, and the like	"
8402	Robert Standley	Improvements in the construction of stump-jumping ploughs and other agricultural implements	"
8403	Edward Samuel Oliver	An improved hand tool, principally applicable for opening packing-cases and taking up and laying flooring boards	"
8423	Edward Waters	An improvement in galvanic batteries and in cells therefor	"
8425	McHenry England	An improvement in kettles and other utensils in which liquids are boiled	"
8429	William Priessnitz Bonwick	Improvements relating to bottles, and in the means for closing and opening them	"
8430	John Leslie Cloudsley	Improvements in gas-meter indices, whereby the quantity and corresponding value of gas consumed is shown and the reading simplified	"
8431	Arthur Helwig	Improvements in button-hole sewing machines	"
8433	Herbert Akroyd Stewart and Charles Richard Binney	Improvements in engines operated by the explosion of mixtures of combustible vapours or gases and air	"
8434	Howard Matravars Ashley	Improvements in apparatus for the manufacture of glass bottles and similar hollow glass articles	"
8435	Thomas Brining	Improvements in or appertaining to machinery or apparatus for lasting boots and shoes	"
8436	Robert Booty Cousins	A new or improved spiral centrifugal pump	"
8437	John Robert Topliss	Type distributing machine	"
8438	Joshua Alexander Kay and John Robert Topliss	Type grooving or nicking machine	"
8441	Frank Miller Brown	Improved means for fixing glass in railway carriage and other windows	"
8443	Samuel Cupples	Improvements in envelopes and in the method and means of making the same	"
8444	Walter Thomas Lewis	An improved furnace for the better combustion of fuel	"
8445	Jose Baxeres Alzugaray	Improvements in extracting metals from ores and metalliferous materials, and in furnaces or apparatus therefor	"
8446	David Edwards	Improvements in the rising beam of jump-ploughs and cultivators	"
8447	Solomon Cox	A new compound for blistering and curing sprains, swellings, mange, and other skin and foot diseases in horses, bullocks, dogs, sheep, and other animals	"
8454	Clarence Verner Greenmayer	Improvements in the construction of pipe tongs, wrenches, and similar tools	"
8462	Henry Strype Anthony	An improved detachable joint for tubes, hollow fire-bars, or other conduits for conveying fluids or gases	"
8466	William Hugh Callister	An improvement in the manner of fitting buildings in order that fires may be readily extinguished	"
8469	Hermann Gruson	An improved amalgamator	"
8471	William Crookes	Improvements in amalgamating and extracting gold from refractory and other ores	"
8472	Cornelius Bennett Harness	Improvements relating to the treatment of patients preparatory to and during surgical and dental operations, and to apparatus therefor	"
8473	Henry Ambrose Snelling	A new or improved method of treating and preparing hops and blending the same for infusion together with tea, coffee, cocoa, and other substances for which such prepared hops are applicable	"
8474	Thomas Headen	Improvements in earth-closets	"

APPLICATIONS ABANDONED.

No.	Date of Abandonment.	Name.	Title.
	1893.		
10341	December 2	Charles Edward Rogers	Automatic signalling
10343	December 3	Murdoch McDonald	Improved combined harrow and seed sower
10346	December 3	Joseph Fielding Higgins	Improvements in spark catchers.
10351	December 4	Henri Galopin and Henry Schreiber	An improved window or sash fastener
10357	December 9	David Deere Stephens	An improved can opener
10359	December 9	Edwin Shepherd and Ernest Shepherd	Inlaid and outlaid trimming applicable to articles of dress, bags, portmanteaus, slippers, tapestry, bookbinding, upholstery, &c., &c.
10360	December 9	Frederick George Douglas	Improvements in water heaters for baths
10365	December 9	Edward Waters	An improved manufacture of cuffs, collars, shirts, and other articles of wearing apparel made wholly or partly of linen
10366	December 9	Henri Galopin	Improvements in hydraulic blowers for increasing the pressure of air or gas, or for mixing and compressing air and gas
10367	December 9	Alfred James Hodgkinson	Improved machine for manufacture of rectangular wire netting or fencing
10368	December 10	Charles Brache	An improved method of and apparatus for facilitating and regulating fermentation in the process of wine making
10369	December 10	Ernest Hosking	A method of and process for printing and embossing on tinfoil, leadfoil, or any other description of thin rolled or beaten metals attached to paper
10383	December 16	Alfred Daniel Stone	An improved spark arrester
10384	December 17	John McKay	An improved rocking apparatus for amalgamating and concentrating auriferous material
10385	December 17	Joseph Bradshaw	Improvements in propellers for vessels
10386	December 17	Joseph Bradshaw	Improvements in steering gear for vessels
10390	December 19	George Harry Goodwin Wharington	Combination milk bucket and sieve
10393	December 23	Robert Browne	Improved apparatus for heating or cooling milk
10398	December 24	George Barnes Pearce	Improved appliances for actuating the starting valves of elevators
10400	December 24	Robert Robinson Cowl	An improvement in window box frames
10402	December 24	John Noel Carey	An improved sash fastener
10411	December 28	Frederick Giles	An improved hose coupling

APPLICATIONS ABANDONED—*continued.*

No.	Date of Abandonment.	Name.	Title.
10414	1893. December 28	Arthur John Cox	An improved automatic spring-blade apparatus for destroying rabbits
10420	December 29	W. B. Fox	Improvement in cricket balls
10430	December 31	Walter Alexander Anderson	An improved process for recovering the valuable constituents of solutions in which wool has been washed
10431	December 31	John Lawrence Cox	An improved process of and apparatus for the disinfecting of sewage and other fecal matter, and for the automatic receipt and discharge of liquids
10433	December 31	Edward Jordan	An improved induct cowl

APPLICATIONS VOID.

(The complete specifications not accepted within the prescribed time.)

No.	Date of Applications becoming void.	Name.	Title.
10132	16th January, 1894	Michael Long	An improved ventilated boot
10152	22nd January, 1894	Henry Bell	An appliance for barbing wire or rods for round, oval, square, flat, or other shaped iron and steel nails
10171	31st January, 1894	Richard Bradbury	Improvements in the manufacture of earthenware pipes for high pressure and other purposes

ASSIGNMENTS REGISTERED.

No.	Title.	Date of Registration.	Name of Assignee.	Whole or Part.
5976	Improvements in machines for reducing ores, &c.	15th January, 1894 ...	The Central Cyclone Company Limited	Whole
6630	A new or improved means for applying circumferential pressure to effect an air-tight joint between cesspans and the lids or covers thereof	23rd January, 1894 ...	Alfred William Jones ...	Whole
7273	An improved faucet and bushing	10th January, 1894 ...	The Golden Gate Manufacturing Company	Whole
8553	Improvements in cigarette machines	12th January, 1894 ...	William Cameron Brothers and Company Limited	Whole
9617	A new or improved means for supplying circumferential pressure to effect an air-tight joint between cesspans and the lids or covers thereof	23rd January, 1894 ...	Alfred William Jones ...	Whole
10348	Improvements in machines for forming, filling, and sealing boxes to contain small articles for the market	12th January, 1894 ...	William Henry Butler ...	Whole
10349	A writing telegraph	12th January, 1894 ...	Elisha Gray	Whole
10399	Improved method of manufacturing playing cards	29th January, 1894 ...	The United States Printing Company	Whole
10448	Improvements in cigarette machines	12th January, 1894 ...	William Cameron Brothers and Company Limited	Whole

LICENCES REGISTERED.

No.	Title.	Date of Registration.	Name of Licensee.	Term.
*10517	An improved ploughshare	22nd January, 1894 ...	T. Robinson and Company Limited	Five years
*10660	An improved ploughshare	22nd January, 1894 ...	T. Robinson and Company Limited	Five years

* Subject to certain territorial reservations contained in the deed of licence of the 30th day of December, 1893.

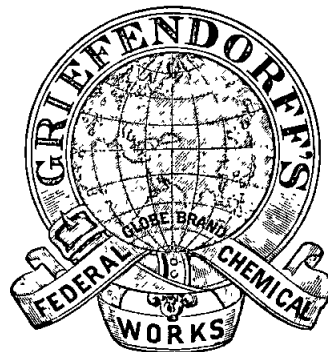
PART II.—TRADE MARKS.

APPLICATIONS FOR TRADE MARKS.

The essential particulars of the Trade Mark are the following:—The invented word "Griefendorff's," and a globe, and with or without the words "Globe Brand" or the word "Federal;" and applicant disclaims any right to the exclusive use of the added matter.

CLASS 1.

3707. All articles included in such class as Chemical Substances used for manufactures. Alfred Lawrence, of No. 132 Inkerman-street, East St. Kilda, Victoria, manufacturer. 10th January, 1894. (As a device, invented word, and words having no reference to the character or quality of the goods, and not being a geographical name.)



CLASS 3.

3698. A Medicine for human use. J. C. Ayer Co., also trading as J. C. Ayer and Co., and also as Dr. J. C. Ayer and Co., of Lowell, Massachusetts, United States of America, practical and analytical chemists. 20th December, 1893. (As a distinctive label.)



(für Eltern-Brennlich).
 Ein jeder der diese Marke hat gefordert
 die Original-Verpackung zu erhalten.
 Preis, von der Straßentür nach
 England, nach der Direction of the Patent and Trade
 Mark Office, London.

Ayer's Cherry-Pectoral
 Gegenwärtig ist das Original
 nur noch in den Staaten von
 England, Frankreich, Belgien, Preussen,
 Oesterreich, Ungarn, Italien, Spanien,
 Portugal, Schweden, Dänemark, Norwegen,
 und in allen Ländern der Welt zu haben.
 AYER'S CHERRY PECTORAL, in Lowell, Mass.

PECTORAL DE CERISE D'AYER

Pour les affections malades du Pectoral et de la Gorge: telles que
 la Rhume, la Toux, l'Asthme, la Grippe, l'Influenza, l'Halètement,
 la Bronchite, les premières atteintes de Consommation, ainsi que pour
 le soulagement des Rhumes qui se renouvellent.

**AYER'S
CHERRY PECTORAL.**

For the Various affections of the Lungs and Throat: such as Cough, Croup, Whooping Cough, Bronchitis, Hoarseness, Spasmodic and Inflammatory Croup, and for the relief of Consumption in its advanced stages of the disease.

PREPARED AND SOLD BY
**J. C. AYER & CO.,
LOWELL,
Massachusetts.
U. S. A.**

PECTORAL DE CEREZA DE AYER

Para toda la enfermedad de los Pulmones y de la Garganta, como
 el Resaca, la Tos, el Asma, la Gripe, la Influenza, el Entenamiento,
 la Bronquitis, las primeras atenciones de la Consumación, y para el alivio de la
 enfermedad de la Consumación cuando la enfermedad ha llegado a su
 estremo. La Consumación cuando la enfermedad ha llegado a su estremo.

CLASS 3.

3699. A Chemical Preparation for the Hair, included in Class 3. J. C. Ayer Co., also trading as J. C. Ayer and Co., and also as Dr. J. C. Ayer and Co., of Lowell, Massachusetts, United States of America, practical and analytical chemists. 20th December, 1893. (As a distinctive label.)

El Vigor del Cabello del Dr. Ayer.
 O Vigor do Cabello do Dr. Ayer.



**Ayer's
Hair
Vigour.**

Ayer's Haar-Erhaltungsmittel
 Ayer's Haar-Versicker



La Vigour des Cheveux d'Ayer
 Il Vigore del Capelli di Ayer.

CLASS 3.

3700. A Chemical Preparation for the Hair, included in Class 3. J. C. Ayer Co., also trading as J. C. Ayer and Co., and also as Dr. J. C. Ayer and Co., of Lowell, Massachusetts, United States of America, practical and analytical chemists. 20th December, 1893. (As a distinctive label.)

**AYER'S
Hair Vigor**

Restoring the Natural Vitality and Color of the Hair.

Whenever the natural color of the hair is lost, or when it becomes thin, or when it falls out, or when it is covered with dandruff, or when it is covered with scales, or when it is covered with itching humors, or when it is covered with any other disease, it is the result of a deficiency of the natural vitality of the hair, and it is the duty of the hairdresser to restore it to its natural state.

TO RESTORE THE HAIR, apply it three times daily, morning, noon, and evening, to the scalp, and rub it in thoroughly. It will restore the hair to its natural color and vitality, and prevent it from falling out, or becoming thin, or covered with dandruff, or itching humors, or scales, or any other disease.

For the cure of itching humors, apply it to the affected part, and rub it in thoroughly. It will relieve the itching, and restore the natural color and vitality of the skin.

For the cure of dandruff, apply it to the scalp, and rub it in thoroughly. It will remove the dandruff, and restore the natural color and vitality of the hair.

PREPARED BY
**J. C. AYER & CO.,
PRACTICAL AND ANALYTICAL CHEMISTS,
LOWELL, MASS., U. S. A.**

CLASS 4.

3701. Raw or partly prepared vegetable, animal, and mineral substances used in manufactures not included in other classes. Henry Markwald, of Flinders-lane, Melbourne, Victoria, merchant. 21st December, 1893. (As words having no reference to the character or quality of the goods, and not being a geographical name.)

GOLDEN ROCK.

CLASS 7.

3705. Agricultural Machinery, and parts of such machinery. The Newall-Cunningham Sheep-shearing Machine Syndicate Limited, of 73 Cheapside, London, England, manufacturers and merchants. 9th January, 1894. (As a word having no reference to the character or quality of the goods, and not being a geographical name.)

SMOKO

CLASS 13.

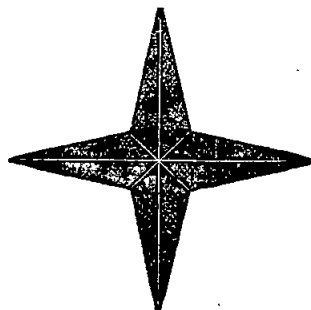
3659. Metal Goods not included in other classes, but exclusive of fenders. Bryant Turner and Douglas Turner, trading as "Abram Brooksbank and Co.," of Malinda Works, Sheffield, England, manufacturers and merchants. 6th November, 1893. (As a distinctive brand.)



CLASS 13.

Applicants and their predecessors in business claim use of this Trade Mark, in respect of Nails and Spikes, for about Eight years prior to the year 1876.

3706. Nails and Spikes. J. J. Cordes and Co. Limited, Dos Works, Newport, Monmouthshire, Wales, manufacturers. 9th January, 1894. (As a distinctive device.)



The essential particulars of the Trade Mark are the following:—Lion rampant, holding flag with word "Defiance" across flag; and applicants disclaim any right to the exclusive use of the added matter.

CLASSES 13 AND 41.

3715. Class 13. All goods constructed of metal comprised in this class. **3717.** Class 41. All goods constructed of metal comprised in this class. Law, McWalter, and Co., of Macaulay-road, North Melbourne, Victoria, ironfounders, &c. 17th January, 1894. (As a distinctive device.)



CLASS 23.

3710. Cotton Yarn, Sewing Cotton, and Crotchet Cotton not on spools or reels, and Sewing Cotton on spools or reels. Jonas Brook and Bros., of Meltham Mills, near Huddersfield, Yorkshire, England, sewing and crotchet cotton thread manufacturers. 15th January, 1894. (As a distinctive device of a goat's head.)



CLASS 23.

3711. Cotton Yarn, Sewing Cotton, and Crochet Cotton not on spools or reels, and Sewing Cotton on spools and reels. Jonas Brook and Bros., of Meltham Mills, near Huddersfield, Yorkshire, England, sewing and crochet cotton thread manufacturers. 15th January, 1894. (As a distinctive label.)



CLASS 24.

Applicants and their predecessors in business claim use of this Trade Mark in Victoria, in respect of Cotton Piece Goods of all kinds, for about Five years prior to the year 1876.

3513. Cotton Piece Goods of all kinds. Horrockses, Crewdson, and Company Limited, of 55 Piccadilly, Manchester, and 3 Love-lane, Wood-street, London, England, cotton spinners, manufacturers, and East Indian merchants. 14th June, 1893. (As special and distinctive words.)

CREWDSON & COMPY.,
MANUFACTURERS.

CLASS 24.

Applicants and their predecessors in business claim use of this Trade Mark in Victoria, in respect of Cotton Piece Goods of all kinds, for about Five years prior to the year 1876.

3515. Cotton Piece Goods of all kinds. Horrockses, Crewdson, and Company Limited, of 55 Piccadilly, Manchester, and 5 Love-lane, Wood-street, London, England, cotton spinners, manufacturers, and East Indian merchants. 14th June, 1893. (As a distinctive label.)

CREWDSON & COMPANY
MANUFACTURERS



CREWDSON & COMPANY
MANUFACTURERS

CREWDSON & COMPANY
MANUFACTURERS

CLASS 38.

3713. Waterproof Clothing. Barnet Glass, of 16 and 18 Queensberry-street, North Melbourne, Victoria, waterproof clothing manufacturer. 18th January, 1894. (As a word having no reference to the character or quality of the goods, and not being a geographical name.)

HERCULES

CLASS 38.

3719. Boots and Shoes. Hugh Thomson, of 207 and 209 Elizabeth-street, Melbourne, Victoria, boot manufacturer. 18th January, 1894. (As a distinctive device.)



CLASS 42.

3702. Substances used as Food, or as ingredients in Food. Henry Markwald, of Flinders-lane, Melbourne, Victoria, merchant. 21st December, 1893. (As words having no reference to the character or quality of the goods, and not being a geographical name.)

GOLDEN ROCK.

The essential particulars of the Trade Mark are the following:—The device of a Skylark; and applicant disclaims any right to the exclusive use of the added matter.

CLASS 42.

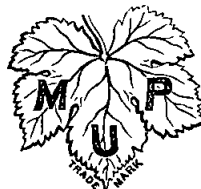
3708. Self-raising Flour, Meal, and other products of cereals. P. F. Romby, of Beaver-street, East Malvern, 217 Commercial-road, Prahran, Victoria, grocers and manufacturers, trading as "S. Thomas and Co." 12th January, 1894. (As a distinctive device.)



The essential particulars of the trade-mark are the following:—The letters "M.P.U." on design of vine leaf; and applicant company disclaims any right to the exclusive use of the added matter.

CLASS 42.

3720. Dried Fruits. Mildura Planters' Union Limited, of Mildura, Victoria, fruit driers and packers. 19th January, 1894. (As a distinctive device.)



CLASS 43.

3704. Wine. Walter Compton, of Hamilton, Victoria, hotel-keeper and vigneron. 4th January, 1894. (As words having no reference to the character or quality of the goods, and not being a geographical name.)

GREAT EASTERN.

CLASS 50.

3709. Soap for cleansing and scouring. Stewart Childs Mitchell and Walter Whitelaw Mitchell, of 572 Lygon-street, Carlton, Victoria, trading as "Mitchell Bros." 13th January, 1894. (As a word having no reference to the character or quality of the goods, and not being a geographical name.)

EMU.

TRADE MARKS REGISTERED.

No.	Name.	Class.	Gazetted.
3500	Dudgeon and Arnell Limited	45	2.6.93
3572	J. and J. Colman	42	8.12.93
3609	Ludzki Brothers	45	29.9.93
3647	Standard Oil Company	47	1.12.93
3648	Standard Oil Company	47	1.12.93
3654	W. D. and H. O. Wills Limited	45	24.11.93
3661	Jacobs, Hart, and Co.	45	17.11.93
3662	Jacobs, Hart, and Co.	45	17.11.93
3670	Lambert Pharmacial Company	3	24.11.93
3671	John Dunn and Company	42	8.12.93
3672	John Dunn and Company	42	8.12.93
3673	John Dunn and Company	42	8.12.93
3675	Law, McWalter, and Co.	18	1.12.93
3676	Griffiths Bros.	42	1.12.93
3677	Griffiths Bros.	42	1.12.93
3678	Griffiths Bros.	42	1.12.93
3681	Jeremiah David Griffiths	48	8.12.93
3683	John McPhee and Mary Punshon (Walter Scott and Co.)	42	15.12.93
3687	John Walker and Sons Limited	43	29.12.93
3690	Robert Harper and Company	42	23.12.93

SUBSEQUENT PROPRIETORS REGISTERED.

No.	Former Proprietor.	Subsequent Proprietor.	Class.
1695	W. M. Foster	The Foster Brewing Company Limited	43
2276	Jacobs, Hart, and Co.	Spencer and Company	45

TRADE MARKS RENEWED.

No.	Renewal Fee.	Name of Proprietor.	Class.
280	Fourteenth year	John Prescott Dyason	42
302	"	William Cameron Bros. and Company Limited	45

APPLICATIONS ABANDONED.

No.	Date of Application.	Name.	Gazetted.
	1893.		
3483	May 8	Brown, Coles, and Co.	12.5.93
3490	May 22	Frederick W. Voigt	26.5.93
3504	June 6	James Cougling Brown	9.6.93
3505	June 6	William Alexander Binks	16.6.93
3511	June 14	Henry Campbell and Co.
3517	June 14	Rebecca Grace Joyner	16.6.93

APPLICATIONS REFUSED.

No.	Name.	Gazetted.
3621	Henry Stewart Walter
3636	Hugh Robert Dixon
3679	Rialto Dairy Co. Limited
3684	William Edward Pickells

THOS. PROUT WEBB,
Commissioner of Patents and of Trade Marks.

