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GOVERNMENT GAZETTE

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OFFICIAL LIST OF PATENTS AND TRADE MARKS FOR THE MONTH  
OF OCTOBER, 1893.

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PART I.—PATENTS.

APPLICATIONS FOR PATENTS.

- No. 10860. By James Mann, of Malvern, Victoria, engineer, for "A photo-micrographic camera." 2nd October. Provisional.
- No. 10861. By Robert Hall Best, of Handsworth, in the county of Stafford, England, manufacturer, for "Improvements connected with the apparatus for raising and lowering the centre lights of chandeliers and electroliers." 3rd October. Complete.
- No. 10862. By Thomas Holroyd, of 228 Barkly-street, East Brunswick, Victoria, draughtsman, and John Morris, David Irwin, and James Bone, of 286 Little Collins-street, Melbourne, Victoria, wire weavers, for "A spark arrester." 3rd October. Provisional.
- No. 10863. By William Tulloch, builder, George Brownswood, modeller, and Samuel Cooper, potter, all of Morwell, Gippsland, Victoria, for "An improvement in refrigerating chambers in which the temperature is reduced by the evaporation of moisture." 3rd October. Provisional.
- No. 10864. By John Warren, of Springfield, Mount Crawford, South Australia, and John Hogarth, of William Creek, Strangways, South Australia, sheep farmers, for "Improved means and appliances for the construction of tanks and reservoirs." 3rd October. Complete.
- No. 10865. By Robert Robey, of 37 Courtney-street, North Melbourne, Victoria, for "The manufacture of mountain white oak virginian leaf tissues." 3rd October. Provisional.
- No. 10866. By Reginald Tuckett, of "Barbiston," The Avenue, Royal Park, Victoria, auctioneer, for "An improved aerial railway and seat for the amusement of children." 3rd October. Provisional.

- No. 10867. By Henry Ogle Moore, of Dandenong, Victoria, medical practitioner, and Charles James Polain, of 475 Collins-street, Melbourne, Victoria, architect, for "Rein holder." 5th October. Provisional.
- No. 10868. By Robert McMullan, of Kerang, Victoria, tinsmith and plumber, for "An improved spark arrester." 6th October. Provisional.
- No. 10869. By Joseph Temperley, of Wray Lodge, Reigate, in the county of Surrey, England, ship-owner, for "Travelling pulley carriage for raising, lowering, and traversing loads." 6th October. Complete.
- No. 10870. By William Benjamin Walters, of Dunedin, New Zealand, engineer, for "A new method of and apparatus for making butter and condensed milk." 6th October. Complete.
- No. 10871. By Edward Francome, of Darlimurla, Gippsland, Victoria, farmer, for "Drain plough." 10th October. Provisional.
- No. 10872. By Ewald Schoneberg, of Dusseldorf, Germany, factory manager, for "Improvements in barbed fencing wire." 10th October. Complete.
- No. 10873. By Wilson Mason Whitford, of 194 Downham-road, Islington, in the county of Middlesex, England, hairdresser, and Samuel Cohen, of 66 Holborn Viaduct, London, England, merchant, for "Improvements in brushes." 10th October. Complete.
- No. 10874. By Samuel Starrett, of 1 Derryview-terrace, Waterside, Londonderry, Ireland, machinist, for "A new apparatus for fixing or 'locking up' type or printing surfaces in their 'formes' or holders." 10th October. Complete.
- No. 10875. By Ernest Arthur, of Ballarat, Victoria, plumber, for "Improvements in kitchen ranges or one-fire cooking stoves." 11th October. Provisional.
- No. 10876. By John Henry Johns, of 169 Burnley-street, Richmond, Victoria, nail maker, for "An improved bark splitting and grinding mill." 11th October. Provisional.
- No. 10877. By Richard Hales Smith, of 2 Perthshire-terrace, Domain-road, South Yarra, Victoria, masseur, for "A grooved tubular nail." 11th October. Complete.
- No. 10878. By Mark Knight Westcott, of Imperial Chambers, Collins-street, Melbourne, Victoria, corn broker, for "An improved process and apparatus to be used in compressing fodder for animals." 11th October. Provisional.
- No. 10879. By Edward Waters, of 131 William-street, Melbourne, Victoria, patent agent, for "An improved method of and apparatus for dissolving, leaching, and filtering." 11th October. Complete.
- No. 10880. By Frederick North, of Dunedin, New Zealand, solicitor, for "An improved tobacco pipe." 11th October. Complete.
- No. 10881. By Robert McCulloch, of Euroa, Victoria, manufacturer of dairy appliances, for "An improved milk heater." 11th October. Provisional.
- No. 10882. By Arthur Edwin Hart, of Broken Hill, New South Wales, saddler, for "Improved shaft tug." 12th October. Complete.
- No. 10883. By Harrison Baker Clarkenson, of 53 Oxford Chambers, Bourke-street, Melbourne, Victoria, miner, for "An improved apparatus for separating fine gold or tin from alluvial deposits." 12th October. Provisional.
- No. 10884. By T. Robinson and Company Limited, of Spottiswoode, Victoria, agricultural implement manufacturers, for "Improved steering appliance for multiple stump-jump and other ploughs." 12th October. Provisional.
- No. 10885. By William Humble and Ward Nicholson, trading as "Humble and Nicholson," of the Vulcan Foundry, Little Malop-street, Geelong, Victoria, engineers, for "An improved chain-straining appliance for ensilage presses to be operated by hand power." 12th October. Provisional.
- No. 10886. By Edward Waters, of 131 William-street, Melbourne, Victoria, patent agent, for "Improvements in and connected with machines for casting lines of type and in and connected with their matrix bars." 12th October. Complete.
- No. 10887. By William Lind, of 15 Fitzgibbon-street, Parkville, Victoria, traveller, for "A foster-mother for rearing chickens and other young birds when hatched." 13th October. Complete.
- No. 10888. By Robert Edward Eyenden, of "Heaton," North Coburg, Victoria, churn manufacturer, for "An improved apparatus for heating milk." 13th October. Provisional.
- No. 10889. By John Brown Scott, of "Belmont," Malvern-road, Malvern, near Melbourne, Victoria, gentleman, for "Improved mechanical contrivances for use in starting races." 13th October. Provisional.
- No. 10890. By Joseph Thomas Kenny, miner, care of William Bradshaw, of Golden Square, Bendigo, Victoria, for "An improved sluice for separating gold and other minerals from crushed quartz and tailings." 14th October. Provisional.
- No. 10891. By William Coles, of 157 Swan-street, Richmond, Victoria, grocer, for "An improved gold coin tester." 14th October. Provisional.
- No. 10892. By Kenneth Cameron, of Warracknabeal, Victoria, carpenter, for "An improved car coupling." 14th October. Provisional.
- No. 10893. By William Evan Downing, of Glen Eira-road, Elsternwick, Victoria, machinist, for "An improved syphon appliance for drawing off liquids from closed receptacles." 17th October. Provisional.
- No. 10894. By Joseph Nickerson Drew, of the city of Malden, in the county of Middlesex and state of Massachusetts, United States of America, civil engineer, for "Apparatus for raising and moving materials." 17th October. Complete.
- No. 10895. By Hugh Gilmour, of Noradjuha, Victoria, agent, for "An improved root or stump extractor." 18th October. Provisional.
- No. 10896. By Frederick Pilcher, of 70 Perth-street, Prahran, Victoria, architectural student, for "Improvements in the construction and laying down of wood block roadways." 18th October. Provisional.
- No. 10897. By Louis James, of O'Connell-street, North Adelaide, South Australia, galvanized iron worker, for "Automatic strainer for cleansing rain showers from roofs or other sources." 18th October. Complete.
- No. 10898. By Thomas Dobbie, of 23 Lyle-street, Brunswick, Victoria, engineer, and George Napier Turner, of 60 Queen-street, Melbourne, Victoria, gentleman, for "An improved clothes washing machine." 18th October. Complete.
- No. 10899. By Louis Buchholz and Joseph Albert Cohen, both of 380 Lonsdale-street, Melbourne, Victoria, merchants, for "An improved grain fork." 19th October. Provisional.
- No. 10900. By The American Arithmometer Company, of 221 Chestnut-street, in the city of St. Louis, United States of America, for "Improvements in calculating machines." 19th October. Complete.
- No. 10901. By Albert Mackelburg, of Fairy-street, Warrnambool, Victoria, blacksmith, for "An improved horseshoe." 20th October. Provisional.
- No. 10902. By William Clymer Stott, of 216 Coben-street, Hyde Park, Kew, Victoria, for "An improved method of heating water by means of a circulating tube or tubes." 21st October. Provisional.
- No. 10903. By Frank Hunter, of Northcote, Victoria, saddler, for "An improved unbreakable saddle-tree for cab or driving saddles." 23rd October. Provisional.
- No. 10904. By Wilbraham Evelyn-Liardet, of St. Kilda-street, Elsternwick, Victoria, chemist, for "An improved safety explosive and method or process of manufacturing the same." 23rd October. Complete.
- No. 10905. By Donald Matheson, of 334 Queen-street, Melbourne, Victoria, gentleman, for "Arresting sparks in locomotive, portable, traction, and other engines." 24th October. Provisional.
- No. 10906. By Ebenezer Backwell, of 179 Gheringhap-street, Geelong, Victoria, cooking range and stove maker, for "A contrivance for obtaining direct back draught for portable and other cooking stoves." 24th October. Complete.
- No. 10907. By Thomas Smith, of 20 Hanover-street, Windsor, Victoria, ventilating engineer, for "A new or improved ventilator or chimney cowl." 24th October. Complete.
- No. 10908. By Marshall Burns Lloyd, of Minneapolis, United States of America, engineer, for "Improvements in apparatus for coiling wire and weaving coiled wire fabric." 24th October. Complete.
- No. 10909. By John Blyth, of 57 Queen-street, Melbourne, Victoria, gentleman, and Henry Daniel Dondey and James Charles Testro, both of 135 City-road, South Melbourne, Victoria, coppersmiths, for "Portable condensers." 24th October. Provisional.
- No. 10910. By Thomas William Clark, of 66 Bourke-street, Melbourne, Victoria, hatter, for "An improved horizontally-reciprocating table concentrator, principally for the treatment of auriferous material." 24th October. Complete.

- No. 10911. By Edward Steels, of Cape Patterson, Wonthaggi, Victoria, engineer, for "Improvements in trusses." 25th October. Provisional.
- No. 10912. By Albert John Neujahr, of 71 Leveson-street, North Melbourne, Victoria, and Henry William Mason, of Russell-street, Camberwell, Victoria, mechanical engineers, for "An improved illuminated advertising sign." 25th October. Provisional.
- No. 10913. By Edward Parnell Muntz, of Winter-street, Malvern, Victoria, surveyor, Henry Littlejohn, of Gellibrand-street, Kew, Victoria, surveyor, and Lindsay Russell, of "Aberfoyle," Kingsley-street, Camberwell, Victoria, surveyor, for "An improved apparatus for adjusting surveyors' measuring chains and steel tapes." 26th October. Complete.
- No. 10914. By Henry Lane, of James-street, New Farm, near Brisbane, Queensland, ironworker, and Frederick Stanley Radcliffe, of Stanley-street, South Brisbane, Queensland, plumber, for "An improvement in the construction of saddles." 26th October. Provisional.
- No. 10915. By Francis Bartholemew Cronin, of 454 Collins-street, Melbourne, Victoria, mechanic, for "Improved spark arrester." 26th October. Provisional.
- No. 10916. By Henry Cook, of Katawa-grove, Brunswick, Victoria, traveller, for "Fire kindler." 26th October. Provisional.
- No. 10917. By John Lacey Davies, of Chipstead, in the county of Surrey, England, civil engineer, for "Improvements in machinery for printing in colours." 26th October. Provisional.
- No. 10918. By James Duncan, of Franklin-street, Adelaide, South Australia, coachbuilder, for "Improvements in fore-carriages for four-wheeled vehicles." 26th October. Complete.
- No. 10919. By Edward Shaw, of Nicholson-street, Collingwood, Victoria, manager of the Denton Mills Hat Factory Company Limited, for "An improved felt hat." 27th October. Provisional.
- No. 10920. By Joseph William Sutton, of Eagle-street, Brisbane, Queensland, for "Improved rotary apparatus for the generation of chlorine gas, connexion between the generating and chlorinating chambers, and the chlorination of pulverized or finely-divided gold or silver ores." 28th October. Complete.
- No. 10921. By William Forrest Roberts, assayer, and William Roberts, engineer, both of Sydney, New South Wales, for "Improved apparatus for treating and extracting gold from alluvial washdirt and gravel." 30th October. Provisional.
- No. 10922. By James Marshall, of 67 George-street, Fitzroy, Victoria, journalist, for "A race starting machine." 30th October. Provisional.
- No. 10923. By John Blyth, of 57 Queen-street, Melbourne, Victoria, gentleman, and Henry Daniel Dondey and James Charles Testro, both of 135 City-road, South Melbourne, Victoria, coppersmiths, for "An improved spark arrester." 30th October. Provisional.

## PROVISIONAL SPECIFICATIONS ACCEPTED.

No.	Date of Acceptance.	Name.	Title.
1893.			
10802	October 2	James Copeland ...	An improved wire-straining reel
10855	October 3	William Kemp and Henry Sheehan	Improved milk and cream transit cans
10859	October 5	Charles Appleford ...	Hoops for juvenile recreation
10860	October 5	James Mann ...	A photo-micrographic camera
10866	October 5	Reginald Tuckett ...	An improved aerial railway and seat for the amusement of children
10868	October 9	Robert McMullan ...	An improved spark arrester
10868	October 16	Alfred James Hodgkinson ...	Improvements in advertising portfolio tickets, cards, or passes
10863	October 16	William Tulloch, George Brown-sword, and Samuel Cooper	An improvement in refrigerating chambers in which the temperature is reduced by the evaporation of moisture
10878	October 16	Mark Knight Westcott ...	An improved process and apparatus to be used in compressing fodder for animals
10881	October 16	Robert McCulloch ...	An improved milk heater
10883	October 16	Harrison Baker Clarkenson	An improved apparatus for separating fine gold or tin from alluvial deposits
10884	October 16	T. Robinson and Company Limited	Improved steering appliance for multiple stump-jump and other ploughs
10885	October 16	William Humble and Ward Nicholson	An improved chain-straining appliance for ensilage presses to be operated by hand power
10889	October 16	John Brown Scott ...	Improved mechanical contrivances for use in starting races
10875	October 17	Ernest Arthur ...	Improvements in kitchen ranges or one-fire cooking stoves
10888	October 17	Robert Edward Evenden	An improved apparatus for heating milk
10890	October 17	Joseph Thomas Kenny ...	An improved sluice for separating gold and other minerals from crushed quartz and tailings
10891	October 17	William Coles ...	An improved gold coin tester
10876	October 19	John Henry Johns ...	An improved bark splitting and grinding mill
10893	October 19	William Evan Downing ...	An improved syphen appliance for drawing off liquids from closed receptacles
10895	October 20	Hugh Gilmour ...	An improved root or stump extractor
10896	October 20	Frederick Filcher ...	Improvements in the construction and laying down of wood block roadways
10899	October 21	Louis Buchholz and Joseph Albert Cohen	An improved grain fork
10867	October 24	Henry Ogle Moore and Charles James Polain	Rein holder
10901	October 26	Albert Mackelburg ...	An improved horseshoe
10857	October 27	Frank Vial ...	An improved fastening for leggings
10903	October 27	Frank Hunter ...	An improved unbreakable saddle-tree for cab or driving saddles
10911	October 27	Edward Steels ...	Improvements in trusses
10909	October 28	John Blyth, Henry Daniel Dondey, and James Charles Testro	Portable condensers
10915	October 28	Francis Bartholemew Cronin ...	Improved spark arrester
10917	October 30	John Lacey Davies ...	Improvements in machinery for printing in colours
10914	October 31	Henry Lane and Frederick Stanley Radcliffe	An improvement in the construction of saddles
10919	October 31	Edward Shaw ...	An improved felt hat

## 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.
10010	1893. October 6	Carl Adolph Sahlstrom and Ellis Parr	Improvements in the process of and apparatus for the cleansing of wool, hair, silk, cotton, flax, and other animal or vegetable fibres or fabrics, the recovery of by-products, such as oil and fat, and the whole or part of the ingredients used in the process
10206	October 6	Henry Clay Elliot	Cigarette machine
10233	October 6	David Thompson	An improved method of and apparatus for compressing air
10253	October 6	John Bowing	Improvements in coking processes, and in the manufacture of coke and in the recovery of products
10658	October 6	Marcel Certain	A new or improved method of and machinery and apparatus for treating the sulphide ores of antimony, more especially those known as "rebellious" or "refractory"
10804	October 6	William Clark, Alexander Cameron, and Charles Kirk	Improvements in automatic flushing apparatus for urinals, applicable also to other contrivances wherein a pre-determined quantity of liquid is syphoned through or over a break or opening in the long leg
10823	October 6	James Valentine Coleman	Improvements in adjustable partitions for packing boxes and travellers' cases and for other purposes
10826	October 6	Edgar Ayres	Improved apparatus for operating clocks synchronously
10057	October 13	John Jeffery	An improved combination high-pressure water filter and draw-off tap
10246	October 13	Rosa Gosden	Improvements in bidets or hip baths
10602	October 13	George Earl Church and George Watson Ettinger	Improvements in railway carriages and waggons
10691	October 13	Alexander Robert Hislop	A new or improved advertising ruler
10790	October 13	John Thomas Walker	An improved reel to be used for straining wire
10822	October 13	Askin Morrison Nicholas	Improved concentrating pan
10844	October 13	Carl Moldenhauer	A process for precipitating precious metals from solutions
10851	October 13	Friend Johnson Bringham	Method of and apparatus for the manufacture of seamless leather articles
10854	October 13	John Athay Jefferies	Improvements in worm wheels and appliances connected therewith for transmitting power
10869	October 13	Joseph Temperley	Travelling pulley carriage for raising, lowering, and traversing loads
10093	October 20	Arthur Lucas Harrold	Improvements in multi-furrow paring ploughs
10278	October 20	Cecil Edwin Paterson	Improvements in pea-threshing machines
10644	October 20	Walter Charles Church	Improvements in or connected with steam and other motive fluid engines
10760	October 20	Thomas Edwards	Improvements in process and apparatus for the application of chlorine for the extraction of gold from pyrites, matte, quartz, or other material containing the same
10831	October 20	George Montague Bowser and George Bowser	Improvements in machinery for moulding and dressing stone used for buildings, drainage, and other analogous purposes
10861	October 20	Robert Hall Best	Improvements connected with the apparatus for raising and lowering the centre lights of chandeliers and electroliers
10872	October 20	Ewald Schoneberg	Improvements in barbed fencing wire
10874	October 20	Samuel Starrett	A new apparatus for fixing or "locking up" type or printing surfaces in their "formes" or holders
10880	October 20	Frederick North	An improved tobacco pipe
10886	October 20	Edward Waters	Improvements in and connected with machines for casting lines of type and in and connected with their matrix bars
10232	October 27	James Lambert Williams	An improved skylight frame
10264	October 27	Herbert Cave	An improved process and apparatus for destroying rabbits in rabbit burrows
10416	October 27	Pierre Aignau Moreau	Improvements in the manufacture of artificial stones and in the artificial coloration and hardening of natural or artificial stone
10660	October 27	Henry Williams	An improved ploughshare
10715	October 27	William Adams the younger	A new compound and manufacture of high explosives
10818	October 27	George Augustus Macnutt	An improved screw for woodwork and other purposes
10864	October 27	John Warren and John Hogarth	Improved means and appliances for the construction of tanks and reservoirs
10873	October 27	Wilson Mason Whitford and Samuel Cohen	Improvements in brushes
10877	October 27	Richard Hales Smith	A grooved tubular nail
10898	October 27	Thomas Dobbie and George Napier Turner	An improved clothes washing machine

## PROVISIONAL SPECIFICATION REFUSED.

No.	Date Refused.	Name.	Title.
10234	1893. October 3	Albert E. B. Swanson	A contrivance for automatically extinguishing lights of street gas lamps

## COMPLETE SPECIFICATION REFUSED.

No.	Date Refused.	Name.	Title.
10531	1893. October 26	John Bustard	Improved process for converting night-soil, house and street garbage into innocuous material, and improvement in apparatus therefor

## LETTERS PATENT SEALED.

No.	Date of Sealing.	Name.	Title.
1892.			
9928	December 19	William Scouler ...	Improvements in percussion apparatus for separating crushed pyrites and similar heavy substances containing gold or other metal
1893.			
10486	October 4	William Evarts Richards...	Improved supports for the shelves of book-cases and the like
10520	October 4	Justin Carr ...	An improved reversible cess-pan lid
10539	October 4	Sidney Simpson ...	Improvements in fittings of jump seats for two-wheeled vehicles
10564	October 4	William Nelson Blakeman, jun. ...	A new and useful process of thickening oils while preserving their colour and drying qualities
10578	October 4	James William Fawcett ...	Improved means for regulating the rays of light passing through photographic lenses
10580	October 4	Frederick Glass ...	Improvements in hydraulic lifts and cranes, and variable power automatic-controlling valve for same
10605	October 4	Herbert Young Dickinson and Andrew Gilligan Macculloch	Improvements in coin-actuated automatic mechanism for the delivery and storage of solidified ices
10614	October 4	Charles James Polain ...	An improved screw nail
10634	October 4	John Edward Buchan ...	An improved combined purse and safety pocket
10643	October 4	Robert Alexander Sloan and John Edward Lloyd Barnes	Improvements in apparatus for sealing cans and other like containing vessels
10653	October 4	Arthur Otto Sachse ...	Improvements in cigarette machines
9870	October 10	William Shearing Bushby ...	An improved lock, principally applicable to railway carriage doors
10060	October 10	John Horace O'Brien and Lewis Henry Nelson	An improved lock-nut and bolt
10355	October 10	Edward Waters ...	An improved pumping engine
10413	October 10	Samuel Tonkin ...	A double-tyred tubular-spoked sectional naved wheel
10523	October 10	Otto Charles Schumacher and William Reid	An improvement in wheat-cleaning machines
10618	October 10	Edward Hope Kirkby ...	Improvements in transmitter and receiver instruments for electrical fire-alarm apparatus
9972	October 16	Thomas Ferguson ...	Improvements in machinery for syringing and filling syphon bottles with aerated water
10039	October 16	Thomas Edwards ...	Improvements in plates and crupper loops for harness saddle-trees
10059	October 16	Alexander Lyon ...	An improved stump-jump plough
10066	October 16	John Dunlop Munro ...	An improved horse street-sweeping machine
10084	October 16	Thomas Warner ...	A combination extension fender and fire-guard
10140	October 16	Edward Hughes, Edward Joseph Rigby, and John Sinclair Pirrie	Improvements in combined rotary ore-crushing, pulverizing, and amalgamating machines
10356	October 16	Edward Waters ...	Improved arrangement and combination of valves, mechanisms, and subsidiary motor for operating the valves of compound and triple expansion pumping machines
10387	October 16	Edward Duncan ...	Improved water supply apparatus, and supply and delivery valves in connexion with same, for water closet and other sanitary purposes
10418	October 16	William Henry Finlayson ...	Improvements in auto-dynamic portable earth excavators
10519	October 16	Adolph Richard Trautmann ...	Improvements in appliances for and method of storing aerated waters in bulk, and drawing same as required at a counter
10577	October 16	Melvin Linwood Severy ...	Apparatus for converting solar heat into continuous power
10641	October 16	John Henry Hill Duncan ...	Improvements in the manufacture of butter and in churns or apparatus therefor
10642	October 16	James Boreas Crook, William Augustine Büsst, and Richard Bills	An improved woven wire spring bolster or pillow rest
10659	October 16	Charles James Polain ...	An improved cash and parcel transit apparatus
10663	October 16	Robert Lascelles ...	An improved cooking utensil
10668	October 16	Robert Ferguson and Aaron Turner Danks	Improvements in milking whereby the vacuum is automatically cut off in the teat tubes
10674	October 16	Walter Greenshields ...	Improved hygienic shoulderettes
10682	October 16	Thomas Livingstone ...	An improved valve attachment for ball hydrants to prevent the inflow of surface drainage to mains, said valve being also useful in pumps and engines
9941	October 18	George Emerson Armstrong ...	Improvements in compound apparatus and processes for treating fibrous materials for the purpose of obtaining fibres therefrom, applicable also for treating or finishing yarns or fabrics
10317	October 24	Robert Carey ...	Improvements in hydraulic lifts and in the method of operating same
10337	October 24	William Hichins Quick ...	Improvements in fire-plugs
10441	October 24	Benjamin Dunkerley and Joseph Davenport Kain	Machine and process for dressing fur
10503	October 24	Peter Gendron ...	Extensible handle bar and hand grips for bicycles
10626	October 24	John Alvent Chapman ...	An appliance for causing an increased draught in grates or other fire-places
10675	October 24	William Dundas Scott-Moncrieff ...	Improvements in the treatment of sewage and in apparatus therefor
10680	October 24	Edward Waters ...	Improvements in or connected with ball-crushing or grinding mills, more especially intended for grinding or reducing ores containing precious metals, and for separating metals therefrom by amalgamation
10700	October 24	Cornelis Frederik Alexander Röell	Improvements in or connected with coin-operating or automatic delivery machines, and means for facilitating the storage and delivery of postage stamps therein
10701	October 24	Frederick York Wolseley ...	Improved automatic sheep branding and counting contrivances
10706	October 24	Joseph William Sutton ...	Improvements in the chlorination of pulverized ores containing gold or silver and in rotary apparatus therefor
9806	October 30	John Musson ...	Improvements in central-flue revolving calcining furnaces
9964	October 30	Albert Henry Whittington ...	An improved torch
10113	October 30	Andrew McKellar ...	Improvements in folding boxes specially adapted for the drapery trade
10498	October 30	The Parke and Lacy Company ...	Improved furnace and flue for steam-boilers and the like
10639	October 30	Richard Russell Gubbins and George Harcourt	Improvements in and relating to pneumatic tyres for the wheels of bicycles and other vehicles
10709	October 30	Norman Knowles and William Philipson	Improvements in the construction of the links of driving belts
10713	October 30	Leslie Gordon Corrie ...	An improved material for packing fruit and other articles and process for manufacturing the same
10719	October 30	Charles Pratten ...	An improved candlestick
10730	October 30	James Channon ...	An improved concentrator, usable preferably as an amalgamator and concentrator
10749	October 30	Martin Wanner ...	Improved process of refrigeration and improved refrigerating apparatus by which it may be practised

## PATENTS ON WHICH RENEWAL FEES HAVE BEEN PAID.

No.	Renewal Fee.	Name.
4755	3rd term ... ..	Phillip Ludwig Luplau and Henry Luplau
4826	" ... ..	John William Grover
4841	" ... ..	Charles Albert Knight
7227	2nd term ... ..	John Danks
7761	" ... ..	Isaac Ferdinand Thompson and Wales Lewis Palmer
8120	" ... ..	Edmund Hesketh Davies
8134	" ... ..	Alexander McCall
8137	" ... ..	Henry Clay Fletcher and William Oliver White
8162	" ... ..	Bernard Reinke
8170	" ... ..	Francis Hugh Snow
8177	" ... ..	Henry Stewart Muir, Alfred Pade, and William Mead Hearn
8178	" ... ..	Henry Parkinson and William Henry Bateman
8183	" ... ..	Joseph George Nash
8198	" ... ..	Arthur Onslow Whittington and Joseph George Nash
8199	" ... ..	Arthur Onslow Whittington
8200	" ... ..	Thomas Clark Palmer
8206	" ... ..	John Owen Lucas
8212	" ... ..	John Sen Thomson
8216	" ... ..	Theophilus Coad
8229	" ... ..	Bernard Charles Molloy
8266	" ... ..	Alfred Nobel
8331	" ... ..	Edward Faber Covell

## 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.
4751	William Egerton ... ..	An improvement in the manufacture of bolts ... ..	3rd term
4752	The Hon. Howard Spensley ... ..	Improvements in or relating to fountain pens ... ..	"
4754	Frederick Douglas Sutton and George Magger Sutton ... ..	A vertical and horizontal travelling saw-mill for cutting firewood ... ..	"
4758	Robert William Page ... ..	Improvements in muscular power or strength testing machines ... ..	"
4759	Alfred Buckingham Ibbotson and Isaac Widdop ... ..	Improvements in the manufacture and construction of buffers for railway rolling-stock ... ..	"
4762	Abel French Spawen ... ..	An improved apparatus for drying fruit ... ..	"
4769	John Alves ... ..	Improvements in apparatus in and connected with aerial tramways or endless ropeways ... ..	"
4782	William Simpson and Collin Simpson ... ..	An improved apparatus for heating water ... ..	"
4783	Thomas Drake ... ..	An improved method of manufacturing gas from benzoline or other similar suitable oil and in apparatus employed therein ... ..	"
8121	Walter Snelling ... ..	A folding perambulator ... ..	2nd term
8126	Davies Brothers and Company Limited ... ..	Improvements in preparing iron and steel sheets or plates previously to galvanizing them (that is, coating them with spelter) ... ..	"
8128	Henry Ringwood ... ..	Improved mechanism for supporting jump seats of buggies and like vehicles ... ..	"
8130	George Button and William Edward Wyoth ... ..	Improved apparatus for extracting gold and silver from their ores by electrical amalgamation ... ..	"
8133	James Bridge ... ..	An improved boot-heeling machine ... ..	"
8136	George Goodlet ... ..	Improvements in machinery for compressing and accumulating air and water ... ..	"
8140	James Moore ... ..	An improved machine for cutting mitres in mouldings for doors and framing ... ..	"
8142	Findlay and Company Limited ... ..	An improved process of and apparatus for preparing "neutral" timber so as to fit it for use in making packages to contain butter and other alimentary substances ... ..	"
8143	Findlay and Company Limited ... ..	An improved varnish, principally for use as a coating for boxes, firkins, and other packages intended to contain butter and other alimentary substances ... ..	"
8148	Arthur Edmund Gorse ... ..	Improvements in the manufacture of barbed wire and in the machinery for the same ... ..	"
8149	William Carey, C.B. ... ..	Improvements in pipe couplings ... ..	"
8151	John Dickson Derry and Mephan Ferguson ... ..	An improvement in water sewage and such like pipes, principally for the purpose of protecting them against the erosive action of hard substances passing through them ... ..	"
8152	John Carroll ... ..	Improvements in venetian window blinds ... ..	"
8157	James Thomas Stabback and Francis Cornelius Mitchell ... ..	An improved anchor ... ..	"
8164	John Murphy ... ..	An improved apparatus for pressing or dumping wool, hay, skins, cotton, tobacco, or other analogous products ... ..	"
8165	Norman Shillito ... ..	Improvements in the construction of cans whereby their opening is facilitated ... ..	"
8166	Thomas Passfield ... ..	Whole-meal hygienic bread ... ..	"
8167	John Buncle and Son ... ..	Improved means for driving the sieve of chaff-cutters ... ..	"
8168	George Paget McWeir ... ..	Simultaneously locking and unlocking the carriage doors of a railway passenger train ... ..	"
8172	Francis Hylton Molesworth ... ..	Improvements in the construction of rotary furnaces for the calcination of sulphide and other ores ... ..	"
8174	Charles John Harris ... ..	Improvements in totalizers ... ..	"
8181	John William Smith ... ..	Improvements in apparatus for the simultaneous locking and unlocking of railway carriage doors ... ..	"
8182	David Mudie ... ..	An improved quartz crushing, amalgamating, and gold-saving machine ... ..	"
8184	Thomas Leech ... ..	Improvements in elongated rifles bullets and projectiles ... ..	"
8187	Henry Thomas Green ... ..	Improved method of hanging windows, doors, and similar contrivances ... ..	"
8188	John Kueffer ... ..	Improvements in the mechanism for operating steel and station indicators in railway cars or carriages ... ..	"
8190	Abraham Ambler ... ..	Improvements in the method of and apparatus for washing or cleansing wool and other textile fibres, also applicable to the washing of clothes ... ..	"
8191	George Ross McKenzie ... ..	An improved cement for joining wood, stone, and other materials ... ..	"
8193	Gustaf Dillberg and James Alexander Philp ... ..	Improvements in printing appliances whereby stereotypes may be taken from matrices indented by means of machines constructed on the principle of bar-type writing machines ... ..	"
8202	Abraham David Lasker ... ..	A new or improved anti-inflammable composition ... ..	"
8203	George von Kaufmann ... ..	Improvements in pressure-regulating valves ... ..	"
8213	Samuel Sealy Allin ... ..	Improvements in coin-free apparatus for delivering goods ... ..	"
8214	John Nicholas Floyd ... ..	Improvements in pumping engines and other engines having their valves operated by steam or other motive fluid ... ..	"
8215	Alexander Stanley Elmore ... ..	Improvements in the process for obtaining zinc by electrolysis ... ..	"

## APPLICATIONS ABANDONED.

No.	Date of Abandonment.	Name.	Title.
1893.			
10175	September 2	Frederick Cleaver ..	An improved joint for sanitary pipes
10176	September 2	James Fawcett Farra ..	Pot stand for stoves
10181	September 3	George Sargent Jakins ..	The working of butter
10186	September 6	Phillip Conyngliam ..	Improvements in the construction of axles for rolling-stock on railways and tramways
10187	September 6	Louis Phillip Ey ..	An improvement in horse collars
10188	September 6	Andrew Mackay ..	An improved spark arrester for chimneys or funnels of locomotive or other steam-engine boilers
10197	September 10	Adolph Spool ..	Leather foot-mat
10201	September 13	John Favel Green ..	Improvements in riding and harness saddles
10205	September 15	Elizabeth Leigh ..	Cigarette machine
10209	September 17	Frank Gold ..	An improved washer for nails used for corrugated iron roofs and fences
10212	September 21	Thomas Wemyss Just ..	An improved method of and breech apparatus to be used in loading guns of heavy ordnance
10214	September 22	Dansey John Dansey ..	Airing of clothes, saddles, &c.
10216	September 22	Thomas Robert Raney Ashton and Edward John Kelly ..	A new and improved magazine fire-arm
10218	September 23	John George Flitton ..	Draining and preserving crockery after it has been washed
10219	September 23	Arthur Clarke ..	Improved gate fittings
10220	September 23	Harry Woods ..	A perambulator seat
10221	September 24	Hugh Thomson ..	An improved stand-pipe or hydrant
10222	September 24	Robert Spencer Eastham ..	Improved appliances for measuring the distance between objects
10226	September 29	Guisepe Garibaldi Turri ..	A new and improved game and apparatus therefor
10230	September 30	John Burns ..	A device for automatically fastening T squares to drawing boards
10231	September 30	William Henry Peard ..	A new and improved safe-cooling cover

## APPLICATIONS VOID.

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

No.	Date of Application becoming void.	Name.	Title.
9773	6th October, 1893	William John Templeton ..	Improvements in window-sash spring balances
9801	6th October, 1893	Edward Stafford ..	An improved cart for the transport of sealed cess-pans
9899	25th October, 1893	Alwin Hugo Eusebuis Fischer ..	Combination bedstead, mattress, and bed

## ASSIGNMENTS REGISTERED.

No.	Title.	Date of Registration.	Name of Assignee.	Whole or Part.
9935	Improvements in a combination pianoforte and shelf	18th October, 1893 ..	Mary Sutton (R. H. Sutton and Co.)	Whole
10387	Improved water supply apparatus, and supply and delivery valves in connexion with same, for water closet and other purposes	23rd October, 1893 ..	George Henry Bennett and Henry William Bryant	Part

November 22, 1893]

4522

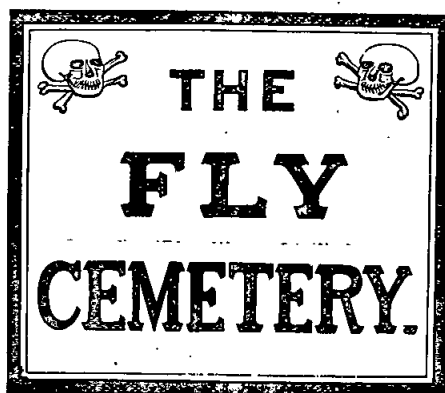
PART II—TRADE MARKS.

APPLICATIONS FOR TRADE MARKS.

TOXA

CLASS 2.

3585. Rabbit and Vermin Destroyers. M. Marshall and Sons, of Moray-place, Dunedin, New Zealand, manufacturing chemists. 23th August, 1893. (As an invented word.)



CLASS 2.

3631. Fly-destroying [Papers. John Horatio Carr, of 779 Drummond-street, North Carlton, Victoria, manufacturing chemist. 6th September, 1893. (As a distinctive label.)

SOLYPTOL

CLASS 2.

3632. Chemical Substances used for Agricultural, Horticultural, Veterinary, and Sanitary purposes. Luther Robert Scammell, of Adelaide, South Australia, chemist. 9th October, 1893. (As an invented word.)

*Ellen Pratt*

CLASS 3.

3622. Ointment. Ellen Pratt, of 110 Rosslyn-street, West Melbourne, Victoria. 21st September, 1893. (As a written signature.)





*The essential particulars of the Trade Mark are the following:—The letter "M" enclosed in a triangular figure, above which are two half circles; and applicant disclaims any right to the exclusive use of the added matter.*

### CLASS 3.

**3640.** Patent Medicines. Andrew Robertson Downie, trading as "Naylor and Company," of 54 Market-street, Melbourne, Victoria, patent medicine vendor. 20th October, 1893. (As a distinctive label.)



### CLASSES 5 AND 13.

**3645.** Class 5. Barbed Wire. **3646.** Class 13. Nails, Brads, Spikes, Staples, Tacks, and Pins. Alexander Macneil and John Rose, trading as the "Titan Engineering Company," of 262 to 268 Spencer-street, Melbourne, Victoria, manufacturers. 23rd October, 1893. (As a distinctive mark.)

## ARGOSY

### CLASS 18.

**3641.** Stoves. Chambers and Seymour, of Collins and Swanston streets, Melbourne, Victoria, ironmongers. 20th October, 1893. (As a word having no reference to the character or quality of the goods, and not being a geographical name.)

## ANCHOR

### CLASS 18.

**3642.** Stoves. Chambers and Seymour, of Collins and Swanston streets, Melbourne, Victoria, ironmongers. 20th October, 1893. (As a word having no reference to the character or quality of the goods, and not being a geographical name.)

## ALLIANCE

### CLASS 18.

**3643.** Stoves. Chambers and Seymour, of Collins and Swanston streets, Melbourne, Victoria, ironmongers. 20th October, 1893. (As a word having no reference to the character or quality of the goods, and not being a geographical name.)

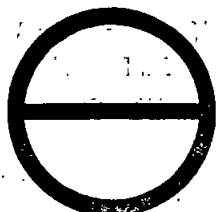
## ENTERPRISE

### CLASS 18.

**3644.** Stoves. Chambers and Seymour, of Collins and Swanston streets, Melbourne, Victoria, ironmongers. 20th October, 1893. (As a word having no reference to the character or quality of the goods, and not being a geographical name.)

November 22, 1893.

4524



CLASS 28.

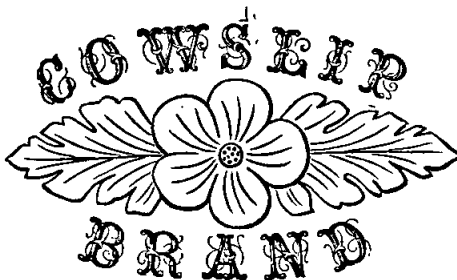
**3629.** Ladder Tapes for Venetian Blinds. Robert Whyte, William Peacock, Charles Coles, Alexander Halley, John Moffat, and Robert Whyte, jun., trading as "Robertson and Moffat," of 323 Bourke-street, Melbourne, Victoria. 3rd October, 1893. (As a distinctive device.)



*The essential particulars of the Trade Mark are the following:—The words "Accident Insurance," and applicant disclaims any right to the exclusive use of the added matter.*

CLASS 38.

**3626.** Hats and Caps of all kinds. Henry Weenen, of 162 Lygon-street, Carlton, Melbourne, Victoria, clothing and cap manufacturer. 27th September, 1893. (As a distinctive label.)



CLASS 42.

**3604.** Butter, Cheese, Cream, and Milk, condensed or otherwise. The Coleraine and Western District Butter Factory Company Limited, of Coleraine, Victoria. 11th September, 1893. (As a distinctive brand.)



*The essential particulars of the Trade Mark are the following:—The representation of a "Castle" with the words "The Castle Salt Co. Ltd." in a circle, and applicants disclaim any right to the exclusive use of the added matter.*

CLASS 42.

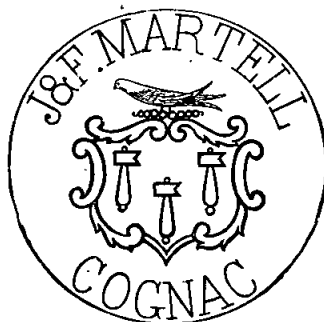
**3628.** Salt. The Castle Salt Company Limited, of Birkenhead, Port Adelaide, South Australia. 30th September, 1893. (As a distinctive brand.)



*The essential particulars of the Trade Mark are the following:—The device and applicant's name and address; and applicant disclaims any right to the exclusive use of the added matter.*

### CLASS 42.

**3639.** Oils used as Food or as Ingredients in Food. Ulysses Peter Narik, of Broken Hill Chambers, Queen-street, Melbourne, importer. 20th October, 1893. (As a distinctive label.)



*Applicant claims use of above Trade Mark for 11 years prior to the year 1876.*

### CLASS 43.

**3207.** Brandy. Edouard Martell, trading as "Martell and Company," of Cognac, France, spirit merchant. 20th July, 1892. (As a distinctive brand.)



J&F.MARTELL  
COGNAC

*Applicant claims use of above Trade Mark for 11 years prior to 1876.*

### CLASS 43.

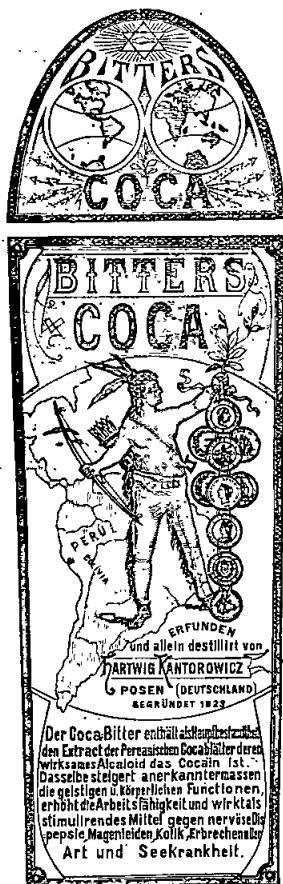
**3208.** Brandy. Edouard Martell, trading as "Martell and Company," of Cognac, France, spirit merchant. 20th July, 1892. (As a distinctive brand.)

J&F.MARTELL  
COGNAC  
ML

*Applicant claims use of above Trade Mark prior to 1876.*

### CLASS 43.

**3209.** Brandy. Edouard Martell, trading as "Martell and Company," of Cognac, France, spirit merchant. 20th July, 1892. (As a distinctive brand.)



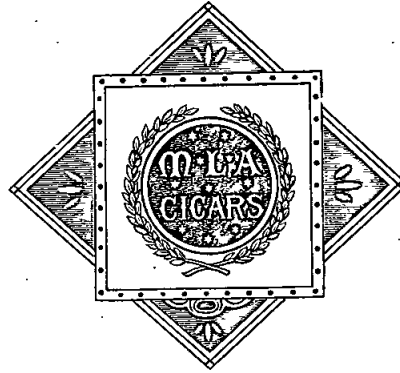
CLASS 43.

3627. Bitters. Hartwig Kantorowicz, of 6 Wronkerstr, Unterm Lachs, Posen, Germany, distiller and cordial manufacturer. 25th September, 1893. (As a distinctive label.)



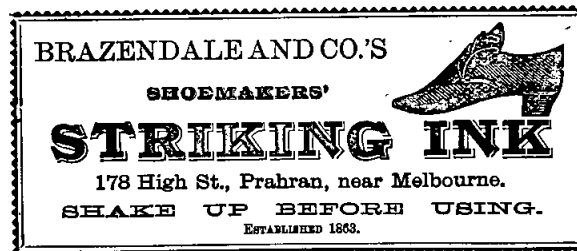
CLASS 45.

3637. Manufactured Tobacco. Hugh Robert Dixon, of Light-square, Adelaide, South Australia, tobacco manufacturer. 18th October, 1893. (As a distinctive label.)



## CLASS 45.

3638. Cigars. Max Friedlander, of 313 Victoria-street, West Melbourne, Victoria, cigar manufacturer. 19th October, 1893. (As a distinctive label.)



The essential particulars of the Trade Mark are the following:—"Brazendale and Co.'s" with shoe; and applicant disclaims any right to the exclusive use of the added matter.

## CLASS 50.

3634. Striking and other Inks, except Writing Inks. William Gray, of Thorpdale, Victoria, farmer. 11th October, 1893. (As a distinctive label.)

## TRADE MARKS REGISTERED.

No.	Name.	Class.	Gazetted.
3444	De Beer, Monte, and Co. ....	45	7.4.93
3452	De Beer, Monte, and Co. ....	45	14.4.93
3464	Henry Levy ....	45	2.6.93
3518	William Perton Sinclair ....	3	1.9.93
3519	William Perton Sinclair ....	48	1.9.93
3558	John Hearn McPhillimy (Dillon, Burrowes, and Co.) ....	42	8.9.93
3560	Charles I. Hood (C. I. Hood and Co.) ....	3	1.9.93
3561	Chas. Macintosh and Co. Limited ....	18	1.9.93
3562	Chas. Macintosh and Co. Limited ....	24	1.9.93
3563	Chas. Macintosh and Co. Limited ....	31	1.9.93
3564	Chas. Macintosh and Co. Limited ....	34	1.9.93
3565	Chas. Macintosh and Co. Limited ....	38	1.9.93
3566	Chas. Macintosh and Co. Limited ....	40	1.9.93
3567	Chas. Macintosh and Co. Limited ....	49	1.9.93
3568	Chas. Macintosh and Co. Limited ....	50	1.9.93
3570	J. and J. Colman ....	42	1.9.93
3573	J. and J. Colman ....	2	1.9.93
3574	J. and J. Colman ....	3	1.9.93
3575	J. and J. Colman ....	4	1.9.93
3576	J. and J. Colman ....	42	1.9.93
3577	J. and J. Colman ....	47	1.9.93
3580	John Kent Johnston ....	3	8.9.93
3582	The Australian Gypsum and Whiting Company Limited...	17	26.8.93
3586			
3587			
3588			
3589			
3590	Bedgood and Company ....	38	8.9.93
3591			
3592			
3593			
3594			
3596	William Cameron Brothers and Company Limited ....	45	1.9.93
3597	William Cameron Brothers and Company Limited ....	45	1.9.93
3599	Pavlo, Manolis, and Co. ....	45	8.9.93
3600	Chambers and Seymour ....	12	8.9.93
3604	The Coleraine and Western District Butter Factory Company Limited ....	42	6.10.93
3607	George Marchant (Marchant and Co.) ....	44	15.9.93
3615	David Dunlop ....	45	22.9.93
3618	Charles W. Gray and Co. ....	42	22.9.93
3619	Foy and Gibson ....	37	22.9.93

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# TRADE MARKS RENEWED.

No.	Renewal Fee.	Name of Proprietor.	Class.
259	Fourteenth year ...	Thomas C. Williams and James Thomas, jun. (T. C. Williams and Co.) ...	45
260	" ...	Thomas C. Williams and James Thomas, jun. (T. C. Williams and Co.) ...	45

# APPLICATIONS REFUSED.

No.	Name.	Gazetted.
3611	Dudgeon and Arnell Limited ...	—
3633	William Peagram ...	—

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