



SUPPLEMENT  
TO THE  
VICTORIA  
GOVERNMENT GAZETTE

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

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PART I.—PATENTS.

APPLICATIONS FOR PATENTS.

No. 10924. By Thomas Edwards, of Sebastopol, Ballarat, Victoria, metallurgist, for "Improvements in ore-roasting furnaces." 1st November. Provisional.

No. 10925. By Charles Tuckfield, of "Lake View," Middleton-road, Albany, Western Australia, miller, for "An improvement in that class of amalgamators in which the amalgamation is effected by forcing auriferous material through a body of quicksilver." 1st November. Provisional.

No. 10926. By Alfred John Paynter Brown and James Rowland Brough, both of 29 to 32 Warwick-lane, London, England, paper manufacturers, for "Improved roll paper holder and printing mechanism." 1st November. Provisional.

No. 10927. By Charles Edward Henry John Ludowici, of 162 Clarence-street, Sydney, New South Wales, mill belt manufacturer, for "Improvements in mill belting." 1st November. Complete.

No. 10928. By Charles Edward Henry John Ludowici, of 162 Clarence-street, Sydney, New South Wales, mill belt manufacturer, for "Improvements in link belting." 1st November. Complete.

No. 10929. By Charles Edward Henry John Ludowici, of 162 Clarence-street, Sydney, New South Wales, mill belt manufacturer, for "Tagged belt laces, and machinery for the manufacture of tags and for the securing of same to belt laces." 1st November. Complete.

No. 10930. By Albert E. B. Swanson, of corner of Lonsdale and Queen streets, Melbourne, Victoria, patent agent, for "An improved dry amalgamator for recovering precious metals from crushed metalliferous ores." 2nd November. Provisional.

No. 10931. By William Samuel Johnson, of Lorimer-street, South Melbourne, Victoria, manager of the Tyne Foundry, for "An improved tunnel-boring machine." 2nd November. Provisional.

No. 10932. By Raphael John Gartner and Johann August Hermann Adolph, of Birchip, Victoria, blacksmiths, for "An improved stump-jump plough." 2nd November. Provisional.

- No. 10933. By Abner Torkington, of Rotherham, in the county of York, England, retired major, for "Improvements relating to the manufacture of white lead and to apparatus therefor." 2nd November. Complete.
- No. 10934. By Charles Luyers, of Rue Pont de la Carpe, Brussels, Belgium, engineer, for "Improvements in brakes for railway rolling-stock." 2nd November. Complete.
- No. 10935. By Thomas Ely, of 25 Rye-lane, Peckham, London, England, draper, and Joseph Mallett, of 68 Southampton-street, Camberwell, London, England, carpenter, for "Improvements in seats." 2nd November. Complete.
- No. 10936. By Frederick Giles, of Fawkner-street, South Yarra, Victoria, engineer, for "An improved fastening for the coverings of legs and feet, such as boots, &c." 3rd November. Provisional.
- No. 10937. By Frederick Hurd, of Manygates-park, Wakefield, Yorkshire, and of 11 Grittleton-road, St. Peter's-park, in the county of Middlesex, England, mining, civil, and mechanical engineer, for "Improvements in and connected with coal-cutting and like machines." 3rd November. Complete.
- No. 10938. By Frederick Hurd, of Manygates-park, Wakefield, Yorkshire, and of 11 Grittleton-road, St. Peter's-park, in the county of Middlesex, England, mining, civil, and mechanical engineer, for "Improvements in and connected with electro motors or generators." 3rd November. Complete.
- No. 10939. By Charles Edward Henry John Ludowici, of 162 Clarence-street, Sydney, New South Wales, mill belt manufacturer, for "A machine for clearing of scudding, unhairing, softening, and stretching hides, and softening and stretching leather." 3rd November. Complete.
- No. 10940. By George Eastwood, of 37 Mount Pleasant, Norwich, and 158 Fleet-street, London, England, newspaper manager, for "Improvements in the production of matrices or moulds for stereotyping and in apparatus employed therein." 3rd November. Complete.
- No. 10941. Karl Thomann, of 20 Merseburger Strasse, Halle-on-the-Saale, Germany, manufacturer, for "An improved roofing tile and means for the manufacture of the same." 3rd November. Complete.
- No. 10942. By William Humble and Ward Nicholson, of the Vulcan Foundry, Geelong, Victoria, engineers, for "An improved machine for effecting refrigeration by means of gases." 4th November. Provisional.
- No. 10943. By Robert Fulton, of 22 King-street, Melbourne, Victoria, engineer, for "The application of balance lever and attachments to grinding pans for quartz tailings." 6th November. Provisional.
- No. 10944. By William Thornley, of Marrickville, New South Wales, engineer, for "An improvement in connexion with lamps designed to burn kerosene without chimneys." 6th November. Provisional.
- No. 10945. By Henry Bingham, of Waverley Hotel, Exhibition-street, Melbourne, Victoria, gentleman, for "Improvements in furnaces." 6th November. Provisional.
- No. 10946. By Arthur John Faram and Herbert Charles Faram, of 202 Moray-street, South Melbourne, Victoria, builders, for "An algæ cutter for cutting and removing weeds, reeds, and other debris from ornamental lakes and other waters." 8th November. Provisional.
- No. 10947. By Robert William Wyatt, of Yarram Yarram, South Gippsland, Victoria, accountant, for "An improvement in billiard tables." 8th November. Complete.
- No. 10948. By Walter James Hampson and William James Halliday, trading as "Hampson and Halliday," of Moreland-street, Footscray, Victoria, engineers, ironfounders, &c., for "An improved hydrant or fire-plug." 8th November. Complete.
- No. 10949. By Samuel Kenneth McIver, of 35 Market Buildings, Bridge-street, Ballarat, Victoria, plumber, for "Improvements in portable kitchen ranges or one-fire cooking stoves." 10th November. Provisional.
- No. 10950. By Emily Wemyss, of 100 Bond-street, Ballarat, Victoria, laundress, for "An improved washing solution." 10th November. Provisional.
- No. 10951. By William Coates, of Wellington, New Zealand, boiler maker, for "A new method of and apparatus for turning over the leaves of music and other books." 10th November. Complete.
- No. 10952. By George Bell Shepherd, ironmonger, Morris Levy, gentleman, Henry Forbes Budge, bootmaker, and Richard William Raithby, battery manager, all of Reefton, New Zealand, for "An improved process of extracting gold and silver from sands, tailings, and slimes." 10th November. Provisional.
- No. 10953. By Mark Foy, of Oxford-street, Sydney, New South Wales, warehouseman, for "Improvements in elastic tyres for wheels of bicycles and other road vehicles." 10th November. Provisional.
- No. 10954. By James Glover, of 243 Dryburgh-street, North Melbourne, Victoria, engineer, for "Improved means for supplying heated air to furnaces in order to consume smoke and economize fuel." 13th November. Provisional.
- No. 10955. By Alfred Tabor, jun., of Barker's-road, Hawthorn, Victoria, gentleman, for "A new and improved gold saving, concentrating, and amalgamating appliance." 13th November. Complete.
- No. 10956. By George William Hesp, of 56 George-street, Fitzroy, near Melbourne, Victoria, traveller, for "A new or improved watch protector." 14th November. Provisional.
- No. 10957. By Joseph Rosensweig, of the Melbourne Coffee Palace, Bourke-street, Melbourne, Victoria, traveller, for "A water jacket cooling apparatus." 15th November. Provisional.
- No. 10958. By Michael Ottenson, of Drysdale, Victoria, carpenter, for "An appliance for cleansing and scraping vegetable products such as potatoes." 15th November. Provisional.
- No. 10959. By James Stewart, of Mortlake, Victoria, bait-stable keeper, for "An improved spark arrester." 15th November. Provisional.
- No. 10960. By Henry Atkinson Cawkwell, of Tooronga-road, Malvern, near Melbourne, Victoria, tile manufacturer, for "An improved machine for cutting drains and laying and covering pipes therein." 15th November. Provisional.
- No. 10961. By Louis Evarist Barbeau, of 64 Mark-lane, London, England, merchant and engineer, for "Apparatus for enabling sacks or bags to be turned." 15th November. Complete.
- No. 10962. By Stephen Cox Middenway, of 21 Ramsden-street, Clifton Hill, Victoria, engineer, for "An improved rabbit trap fencing." 16th November. Provisional.
- No. 10963. By Robert Ferguson, of 391 Bourke-street, Melbourne, Victoria, engineer, for "An improved tap or cock for aerating liquids." 16th November. Complete.
- No. 10964. By Leopold Hesse, of Lambeth-place, off Alma-road, St. Kilda, Victoria, manufacturing chemist, for "An improved combined cooking and condensing utensil, mainly for use in the bush." 16th November. Provisional.
- No. 10965. By Richard Alexander Hamilton, of Brisbane, Queensland, civil engineer, for "An apparatus for use in conjunction with diving dresses for minimizing the danger of deep-water diving." 16th November. Complete.
- No. 10966. By St. Clair Jounnax, baker, and William Jounnax, blacksmith, both of Wellington, New Zealand, for "Improvements in knife cleaners." 16th November. Complete.
- No. 10967. By Edward Waters, of 131 William-street, Melbourne, Victoria, patent agent, for "An improved machine or apparatus for pulverizing or reducing gold-bearing quartz or ores or other hard substances." 17th November. Provisional.
- No. 10968. By James Beal Meldrum, Burton Ealy Sampson, and William Frederick Woods, all of Sydney, New South Wales, contractors, for "Improvements in and connected with enclosures or kilns for seasoning timber." 17th November. Complete.
- No. 10969. By Albert Leroy Munson, of New York City, United States of America, manufacturer, for "Cigarette machinery." 17th November. Complete.
- No. 10970. By Joseph Rosensweig, of the Melbourne Coffee Palace, Melbourne, Victoria, traveller, for "An improved method of cooling apartments by the evaporation of water contained in bags or other vessels." 18th November. Provisional.
- No. 10971. By Richard Hales Smith, of Perthshire-terrace, Domain-road, South Yarra, Victoria, mechanic, for "An improved oyster opener." 18th November. Complete.
- No. 10972. By John William Horsfall, of Main-street, Stawell, Victoria, consulting horticulturist and landscape gardener, for "Improved means for opening and holding open the doors or windows of hot houses or similar coverings used in horticultural and other pursuits." 18th November. Provisional.
- No. 10973. By David Smith, of 1 Surrey-road, South Yarra, Victoria, carpenter, and Thomas Henry Tilley, of 806 Graham-street, Essendon, Victoria, engine-driver, for "Digging potatoes." 20th November. Provisional.
- No. 10974. By Michael Ryan, of 169 Queen-street, Melbourne, Victoria, sheep shearer, for "An improvement in sheep-shearing machines." 20th November. Provisional.
- No. 10975. By August Paul Haberecht, of Dimboola, Victoria, mechanic, for "An improved wine and spirit decanter." 20th November. Provisional.
- No. 10976. By Alexander McGavin, of 183 Moorabool-street, Geelong, Victoria, tinsmith, for "An improvement in milk cans." 20th November. Provisional.

- No. 10977. By Edward Eugene Dulier, of 27 Sloane Gardens, Chelsea, London, England, retired military officer, for "Improvements in apparatus for removing impurities from smoke." 20th November. Complete.
- No. 10978. By Giacomo Durio and Secondo Durio, trading as "Durio Brothers," of Fortino, near Turin, Italy, tanners, for "Improvements in and relating to tanning hides and skin and to apparatus therefor." 20th November. Complete.
- No. 10979. By William Edwards Couzens, of 697 Sydney-road, Brunswick, Victoria, gentleman, for "The cleaning of glass lamp chimneys." 21st November. Provisional.
- No. 10980. By James Anson Wheeler, of Sydney, New South Wales, agent, for "An improved mode of and apparatus for maintaining a constant pressure in storage vessels that contain aerated liquids, and the contents of which are withdrawn, either continuously or successively." 21st November. Complete.
- No. 10981. By David Edwards, of 486 Elizabeth-street, Melbourne, Victoria, engineer, for "Improved steering gear for ploughs and land cultivators." 21st November. Provisional.
- No. 10982. By Susan Beckett, of Ruby Villa, Nowranie-street, Summer Hill, near Sydney, New South Wales, for "An improved combination brace bodice or vest and suspender." 21st November. Provisional.
- No. 10983. By Henry Monlean de Montemas, civil engineer, John Lane, ship chandler, Edward George Cronin, civil engineer, and Thomas Con Allen, mechanical engineer, all of Sydney, New South Wales, for "An improved mode of and apparatus for destroying garbage and noxious organic matters." 21st November. Complete.
- No. 10984. By David Silver and Charles Thomas Silver, both of Tamworth, New South Wales, engineers, for "Improvements in sheep-shearing machines." 2nd August. Complete. Divisional of No. 10712.
- No. 10985. By David Silver and Charles Thomas Silver, both of Tamworth, New South Wales, engineers, for "Improvements in flexible shafts." 2nd August. Complete. Divisional of No. 10712.
- No. 10986. By Julius Emil Rieschick, of Leigh-street, Adelaide, South Australia, saddler, for "An improved appliance for rendering a lady's stirrup-leather adjustable on the off side." 22nd November. Provisional.
- No. 10987. By Alfred Philip Dowell, of 73 St. George's-road, North Fitzroy, Victoria, coachbuilder, for "A new or improved self-locking lever." 22nd November. Provisional.
- No. 10988. By Arthur Charles Cork, of Sydney-road, Brunswick, Victoria, accountant, for "An improved skipping rope." 24th November. Provisional.
- No. 10989. By John Franklin Knight, of 136 Primrose-street, Essendon, Victoria, miner, for "A wet or dry gold separator." 24th November. Complete.
- No. 10990. By Henry Bell, of Loch-street, St. Kilda, Victoria, nailmaker, and Tyler Abraham Thomson, of Station-street, Moreland, Victoria, engineer, for "An improved apparatus for bluing or colouring nails, tacks, and other like articles." 24th November. Complete.
- No. 10991. By George Simpson Fitchirn, of 47 Market-street, Melbourne, Victoria, mining, coal, and ore-dressing engineer, for "Improvements in pyramidal boxes for classifying metalliferous material." 24th November. Complete.
- No. 10992. By Stephen Cox Middenway, of 21 Ramsden-street, Clifton Hill, Victoria, engineer, and Joseph Clemens Mathews, of 57 Packington-street, Kew, Victoria, gentleman, for "An improved slate pencil sharpener." 27th November. Provisional.
- No. 10993. By Frederic William Priestley Parker, of Sale, Victoria, engineer, for "Improvements in boiler water gauges." 27th November. Provisional.
- No. 10994. By James Alston, of Warrnambool, Victoria, engineer, for "An improved water trough." 28th November. Provisional.
- No. 10995. By William Radford and Johann Carl August Haberecht, both of Dimboola, Victoria, farmers, for "An improved stump-jump lever stripping machine." 28th November. Provisional.
- No. 10996. By Frederick E. B. Joynson, of 110 Somerset-street, Richmond, Victoria, mechanic, and Harry Williams, of 134 Somerset-street, Richmond aforesaid, engineer, for "An improved rotary wet amalgamator for recovering precious metals from crushed metalliferous ores or tailings." 28th November. Provisional.
- No. 10997. By Sidney Prescott Wood, manager for Messrs. McKenzie and Holland, of Newport, Victoria, engineers, for "Improved contrivances for automatically compensating for the expansion and contraction of wires used in operating semaphore and other signals." 29th November. Provisional.
- No. 10998. By John Jerger, of Goulburn, New South Wales, watchmaker, for "Method of and apparatus for saving or recovering fine or float gold." 29th November. Provisional.
- No. 10999. By Moritz Meyring, of 204 Russell-street, Melbourne, Victoria, engraver, for "Improvements in machinery for the saving of gold or other valuable minerals." 30th November. Provisional.
- No. 11000. By Francis James Odling, of Broken Hill, New South Wales, civil engineer, for "An improved method of calcining, roasting, chlorination roasting, and de-sulphurizing ores and apparatus therefor." 30th November. Provisional.
- No. 11001. By George Duncan Macdougald, of 3 Youngedale-place, analytical chemist, and James Sturrock, of Seacroft, cashier *Dundee Advertiser*, both of Newport, in the county of Fife, North Britain, for "Improved process or means for marking soap tablets, cakes, or bars with an indelible colour." 30th November. Complete.

## PROVISIONAL SPECIFICATIONS ACCEPTED.

No.	Date of Acceptance	Name.	Title.
	1893.		
10922	November 1	James Marshall ... ..	A race starting machine
10912	November 2	Albert John Neujahr and Henry William Mason	An improved illuminated advertising sign
10921	November 6	William Forrest Roberts and William Roberts	Improved apparatus for treating and extracting gold from alluvia 1 wash-dirt and gravel
10923	November 6	John Blyth, Henry Daniel Dondey, and James Charles Testro	An improved spark arrester
10924	November 6	Thomas Edwards ... ..	Improvements in ore-roasting furnaces
10925	November 6	Charles Tuckfield ... ..	An improvement in that class of amalgamators in which the amalgamation is effected by forcing auriferous material through a body of quicksilver
10926	November 6	Alfred John Paynter Brown and James Rowland Brough	Improved roll paper holder and printing mechanism
10856	November 8	George Sargent Jakins ... ..	An improved butter machine
10930	November 8	Albert E. E. Swanson ... ..	An improved dry amalgamator for recovering precious metals from crushed metalliferous ores
10931	November 8	William Samuel Johnson ... ..	An improved tunnel-boring machine
10936	November 8	Frederick Giles ... ..	An improved fastening for the coverings of legs and feet such as boots, &c.
10932	November 10	Raphael John Gartner and Johann August Hermann Adolph	An improved stump-jump plough
10942	November 11	William Humble and Ward Nicholson	An improved machine for effecting refrigeration by means of gases
10943	November 11	Robert Fulton ... ..	The application of balance lever and attachments to grinding pans for quartz tailings
10945	November 13	Henry Bingham ... ..	Improvements in furnaces
10949	November 14	Samuel Kenneth McIver ... ..	Improvements in portable kitchen ranges or one-fire cooking stoves
10950	November 14	Emily Veinys ... ..	An improved washing solution
10952	November 14	George Bell Shepherd, Morris Levy, Henry Forbes Budge, and Richard William Rathby	An improved process of extracting gold and silver from sands, tailings, and slimes
10953	November 14	Mark Foy ... ..	Improvements in elastic tyres for wheels of bicycles and other road vehicles
10954	November 17	James Glover ... ..	Improved means for supplying heated air to furnaces in order to consume smoke and economize fuel

## PROVISIONAL SPECIFICATIONS ACCEPTED—continued.

No.	Date of Acceptance.	Name.	Title.
1893.			
10957	November 17	Joseph Rosensweig ... ..	A water jacket cooling apparatus
10956	November 20	George William Hesp ... ..	A new or improved watch protector.
10964	November 20	Leopold Hesse ... ..	An improved combined cooking and condensing utensil, mainly for use in the bush
10738	November 21	Alfred William Howden, Henry Murdock Stewart, and David Davidson	An improved grain-reaping and twine-binding machine
10944	November 21	William Thornley ... ..	An improvement in connexion with lamps designed to burn kerosene without chimneys
10958	November 21	Mitchael Ottenson ... ..	An appliance for cleansing and scraping vegetable products such as potatoes
10960	November 21	Henry Atkinson Cawkwell ...	An improved machine for cutting drains and laying and covering pipes therein
10962	November 21	Stephen Cox Middenway ...	An improved rabbit-trap fencing
10959	November 22	James Stewart ... ..	An improved spark arrester
10967	November 22	Edward Waters ... ..	An improved machine or apparatus for pulverizing or reducing gold-bearing quartz or ores or other hard substances
10976	November 22	Alexander McGavin ... ..	An improvement in milk cans
10974	November 23	Michael Ryan ... ..	An improvement in sheep-shearing machines
10972	November 24	John William Horsfall ...	Improved means for opening and holding open the doors or windows of hot-houses or similar coverings used in horticultural and other pursuits
10975	November 24	August Paul Waberecht ...	An improved wine and spirit decanter
10982	November 24	Susan Beckett ... ..	An improved combination brace bodice or vest and suspender
10973	November 25	David Smith and Thomas Henry Tilley	Digging potatoes
10981	November 25	David Edwards ... ..	Improved steering gear for ploughs and land cultivators
10988	November 28	Arthur Charles Cork ... ..	An improved skipping rope
10992	November 28	Stephen Cox Middenway and Joseph Clemens Mathews	An improved slate pencil sharpener
10993	November 28	Frederic William Priestley ...	Improvements in boiler water gauges
10987	November 29	Alfred Philly Dowell ... ..	A new or improved self-locking lever
10995	November 29	William Radford and Johann Carl August Haberecht	An improved stump-jump lever stripping machine
10996	November 29	Frederick E. B. Joynson and Harry Williams	An improved rotary wet amalgamator for recovering precious metals from crushed metalliferous ores or tailings
10765	November 30	Harry Williams and Thomas Langston Fisher	An improved rotary pump
10970	November 30	Joseph Rosensweig ... ..	An improved method of cooling apartments by the evaporation of water contained in bags or other vessels
10979	November 30	William Edwards Couzens ...	The cleaning of glass lamp chimneys

## 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.
1893.			
10192	November 3	Isaac Jacobs and Louis Philip Jacobs	An improved machine for making cigarette holders
10307	November 3	William Scott ... ..	Improvements in contrivances for loading or unloading grain or other substances in bags
10906	November 3	Ebenezer Backwell ... ..	A contrivance for obtaining direct back draught for portable and other cooking stoves
10913	November 3	Edwin Farnell Muntz, Henry Littlejohn, and Lindsay Russell	An improved apparatus for adjusting surveyors' measuring chains and steel tapes
10900	November 10	The American Arithmometer Company	Improvements in calculating machines
10335	November 17	Benjamin Household ... ..	Improvements in louvre shutters or venetian blinds
10392	November 17	Hugh Thomson ... ..	An improved removable screw-down stopper for preventing leakage either into or out of water mains through street fire-plugs
10654	November 17	Christopher Hatton ... ..	Improvements relating to methods of producing, and apparatus for producing and containing aerated or gaseous liquids
10870	November 17	William Benjamin Walters ...	A new method of and apparatus for making butter and condensed milk
10908	November 17	Marshall Burns Lloyd ... ..	Improvements in apparatus for coiling wire and weaving coiled wire fabric
10910	November 17	Thomas William Clark ... ..	An improved horizontally-reciprocating table concentrator, principally for the treatment of auriferous material
10927	November 17	Charles Edward Henry John Ludowici	Improvements in mill belting
10928	November 17	Charles Edward Henry John Ludowici	Improvements in link belting
10929	November 17	Charles Edward Henry John Ludowici	Tagged belt laces, and machinery for the manufacture of tags and for the securing of same to belt laces
10934	November 17	Charles Lnyers ... ..	Improvements in brakes for railway rolling-stock
10935	November 17	Thomas Ely and Joseph Mallett ...	Improvements in seats
10939	November 17	Charles Edward Henry John Ludowici	A machine for clearing or scudding, unhairing, softening, and stretching hides, and softening and stretching leather
10940	November 17	George Eastwood ... ..	Improvements in the production of matrices or moulds for stereotyping and in apparatus employed therein
10941	November 17	Karl Thomann ... ..	An improved roofing tile and means for the manufacture of the same
10948	November 17	Walter James Hampson and William James Halliday	An improved hydrant or fire-plug
10951	November 17	William Coates ... ..	A new method of and apparatus for turning over the leaves of music and other books
10650	November 24	Frederick York Wolseley ...	Improvements in sheep-shearing machines
10918	November 24	James Duncan ... ..	Improvements in fore carriages for four-wheeled vehicles
10937	November 24	Frederick Hurd ... ..	Improvements in and connected with coal-cutting and like machines
10938	November 24	Frederick Hurd ... ..	Improvements in and connected with electro-motors or generators
10947	November 24	Robert William Wyatt ... ..	An improvement in billiard tables
10961	November 24	Louis Evarist Barbeau ... ..	Apparatus for enabling sacks or bags to be turned
10966	November 24	St. Clair Jounnax and William Jounnax	Improvements in knife cleaners

## PROVISIONAL SPECIFICATIONS REFUSED.

No.	Date Refused.	Name.	Title.
	1893.		
10704	November 24	James Hugh Brake and Richard Bradbury	The use of earthenware pipes whereby they are rendered capable of conveying water at high pressure
10725	November 21	Rose Mary Shelly ... ..	Improvements in combination garments
10788	November 24	Arthur Henry Shaw ... ..	An improved potato plough
10807	November 21	Henrietta Herman ... ..	Apparatus for operating atomizers
10808	November 24	Henrietta Herman ... ..	Improvements in apparatus for sanitary disinfection and other purposes
10832	November 24	Thomas Charles Kelly and Terence Arthur Kelly	Improved cast metal pipe bends, principally for use as stench traps

## COMPLETE SPECIFICATIONS REFUSED.

No.	Date Refused.	Name.	Title.
	1893.		
10223	November 16	Thomas Fletcher and Alfred Clare	Improvements in means for igniting gas in gas cooking and heating apparatus
10505	November 24	Odilon Baltzar Hannibal Hanneborg	An improved ditching and laying machine
10568	November 24	William Sercombe ... ..	Improvements in brick-burning kilns
10569	November 24	Andrew Worthington Billings ...	An improved method of and means for manufacturing beer and ale
10570	November 24	Andrew Worthington Billings ...	Improvements in apparatus for the manufacture of malt liquors
10636	November 24	Joseph S. Boden ... ..	A new feed water heater
10688	November 24	Lewis Blaney Mitchell ... ..	Improvements in non-conductors and insulation employed for electrical purposes

## LETTERS PATENT SEALED.

No.	Date of Sealing.	Name.	Title.
	1893.		
9989	November 10	Alfred Naylor Pearson ... ..	An improved method of and apparatus for manufacturing brown coal briquettes
10083	November 10	Kenneth Cameron ... ..	Improved crab or winch
10162	November 10	Robert Warnock ... ..	Improved pumping apparatus for discharging dredged or other material from barges or other vessels
10361	November 10	William Everts Richards ... ..	Device for partitioning drawers and similar structures
10611	November 10	William Soltan Pillans ... ..	Improved machine for turning a sod at intervals and depositing poisoned food thereon
10690	November 10	Ernest Liebmann ... ..	Improvements in apparatus for dividing blocks of butter
10692	November 10	Joseph Harrison and Robinson Kitson	An improved screw bolt and method of locking nuts on such bolts
10702	November 10	John Henderson Roberts, jun. ...	Improved contrivance for converting ordinary brace-bits into gimlets
10717	November 10	Robert Perkins ... ..	An improved elevator for loading wheat or grain in bags, applicable also to other purposes
10721	November 10	Alfred George Jackson and Mary Allen Sutton	Coin-freed electrical apparatus, specially applicable to automatic, galvanic, or shocking machines
10726	November 10	George Washington Smiley and Forest William Dunlap	Improvements in wheels for bicycles and other vehicles, especially those having pneumatic cushions
10747	November 10	Francis Harley Davis ... ..	Improvements in core-boring apparatus, cutting tools for the same, and in the mode of gripping and raising cores
10748	November 10	Martin Wanner ... ..	Improvements in the process of refrigeration and improvements in refrigerating apparatus
9866	November 14	Levi Hildreth Yound ... ..	Improvements in locking nuts on bolts used in fastening the fish-plates on the rails of railroads and for like purposes
10094	November 14	Robert Edward Evenden ... ..	Improvements in centrifugal machines
10120	November 14	Jens Nielsen ... ..	Improvements in milking machines
10146	November 14	Hastings Cunningham ... ..	Improvements in and relating to the cutter levers of sheep-shearing machines to automatically equalize the pressure upon the cutters
10382	November 14	Henry David Sinclair ... ..	Improvements relating to shirt cuffs and collars
10589	November 14	Henry Edward Kitton ... ..	Method of and improved centrifugal machine for the concentration, separation, and amalgamation of gold and heavy metal-bearing material
10651	November 14	Frederick York Wolseley ... ..	Improvements in sheep-shearing machines
10686	November 14	George Johnson ... ..	Improved syphon screw water-lifting apparatus
10695	November 14	William Wilson ... ..	An improved apparatus to prevent waste of water in flushing cisterns
10708	November 14	Robert McCully ... ..	Improvements in gyratory crushing machines
10746	November 14	Thomas Roberts ... ..	An improvement in the adjustable levers of ploughs
10763	November 14	James Paterson ... ..	Improved tension mechanism for machine sheep shears
10774	November 14	Mephan Ferguson ... ..	An improved method of and roller apparatus for welding sheets of iron
10099	November 20	Ambrose Henry Warden and Louis Marks	An improved ejector for exhausting air and producing a vacuum
10179	November 20	Robert Nicholls ... ..	Improved method of and apparatus for preventing the deterioration of fermented liquors kept on draught
10768	November 20	Matthew William Charlton ... ..	Improvements in stump-jump ploughs and similar cultivating implements
10779	November 20	Charles Robison ... ..	Improvements in centrifugal pumps for lifting water charged with foreign material
10790	November 20	Frank Arthur Williams ... ..	Improvements in the means of joining edges of sheet, strip, and thin plate metal for the purpose, more especially, of facilitating and improving the manufacture of tubes, cisterns, and other hollow metallic articles
10800	November 20	William Eckstein ... ..	Improvements in sheet-metal lathing and in machinery for making the same
10578	November 21	Henry John Summerhayes ... ..	Belts for ore concentrators
10118	November 27	Gustav Dillberg and Ernest John Greenstreet	Improved method for advertising at night or in dark places from a moving object
10217	November 27	Thomas Henry Grant ... ..	An improved cultivator, particularly adapted for use in orchards
10410	November 27	John Pender ... ..	Improvements in machines for grooving or trenching board and cutting same to given lengths for boxes and other structures
10463	November 27	Hans Hirschfeld ... ..	An improved medium for emitting light when in a state of incandescence

## LETTERS PATENT SEALED—continued.

No.	Date of Sealing.	Name.	Title.
	1893.		
10497	November 27	Henry Doulton and John Slater ...	Improvements in treating vitreous substances for making metallic connexions thereto
10707	November 27	Edwin George Staniforth, John Deighton, and William Speer Coulter	An improved domestic milk receiver
10752	November 27	Samuel Reynolds ...	An improved method of and ingredient to be used in ascertaining the proportion of butter in milk
10761	November 27	Robert Ferguson and Aaron Turner Danks	Improvements in milking machines whereby the vacuum is automatically cut off from the teat tubes
10762	November 27	Herbert Alexander King ...	Improved apparatus for opening swing-gates
10782	November 27	Henry Selby Hale-Shaw ...	Improvements in inkstands
10783	November 27	Benjamin Dunkerley and James Dugdale	Improvements in cones employed in machines for forming hat bodies
10820	November 27.	Jeremiah David Griffiths ...	A new or improved hair restorer

## PATENTS ON WHICH RENEWAL FEES HAVE BEEN PAID.

No.	Renewal Fee.	Name.
4795	3rd term	Eugene Hutchinson Cowles and Alfred Hutchinson Cowles
4813	"	Marie Augustus Despeissis
4815	"	George Bult
4827	"	William Kneen
4839	"	Albert Marcus Silber
4850	"	John Edward Edwards
4912	"	Roughsedge Wallwork and Arthur Collings Wells
8097	2nd term	John Howell
8236	"	George Smith Duncan
8244	"	Charles Hugh Lyon
8246	"	Julius Reinhold Sporn
8250	"	William John Blakey
8270	"	Paul Giffard
8271	"	Walter Morrison
8272	"	Carl Lührig and John Charles Cuninghame
8288	"	Charles James Jutson and Frederick Abraham Poupard
8289	"	Robert Ashton Lister
8302	"	Luther George Chinnery, Swartz Martyn Chinnery, George William Chinnery, Samuel Bostock, and Cardross Grant
8315	"	Carl Lührig and John Charles Cuninghame
8332	"	Charles Robert Clarke Tichborne, Alfred Edward Darley, Marmaduke Francis Purcell, and Samuel Geoghagan
8339	"	Susan Arabella Mackie and Randolph Charles Want
8615	"	Edward Field

## 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.
4792	Andrew Brown ...	Improvements in hopper dredges	3rd term
4793	Alfred Upton Alcock ...	Improvements in and relating to overhead travellers, specially applicable to the loading and discharging of ships	"
4802	Arthur Reece ...	An improved churn	"
4803	Edward Leopold Clough ...	Improvements in coverings for preventing the radiation or transmission of heat	"
4806	Richard Hornsby and Sons ...	Improvements in ploughs	"
4807	Richard Hornsby and Sons ...	Improvements in harvesting machines and straw trusses	"
4811	George Massey ...	Improvements in dry earth closets	"
4818	Samuel Telford Dutton ...	Improvements in the actuating mechanism of interlocking apparatus for railway signalling	2nd term
8221	Richard James Kenrick and William Solley	An improved safety stirrup bar	"
8230	William Carey ...	Improvements in diving dresses	"
8232	Frederik Petersen ...	Improvements in dredging machinery	"
8240	Francis Ellershausen ...	Improvements in the manufacture of caustic soda	"
8241	Francis Ellershausen ...	Improvements in the manufacture of sulphide of sodium	"
8242	Edgar Martin ...	Improvements in filtering machinery	"
8243	Samuel Howard Stott ...	Improvements in apparatus for diffusing upon plants fertilizing insect-destroying or other compounds in liquid form	"
8244	Charles Hugh Lyon ...	An improved method of and apparatus for lining water channels	"
8254	George Buchanan McAdam ...	An improved apparatus for straining wire for fencing or other purposes	"
8256	Alfred Edmund Beard and Harry Sisson	Improvements in stump-jumping implements	"
8257	William Smith ...	Improved automatic coulter levers	"
8259	Frederik Petersen ...	Improvements in dredging machinery	"
8261	Matthew Hight Lauchlan ...	Improvements in tapping cocks and valves	"
8267	John Abbott ...	An improved means for loading and unloading vessels	"
8268	Alfred Julius Boulton ...	Improvements in or relating to pneumatic guns	"
8269	Henry Tipping ...	Improvements in the method of and apparatus for aerating and bottling liquids	"
8275	Laurence Bernard McGrath, Hiram Jones, and William Thomas Carter	New or improved combined duplex valves and automatic variable expanding cam gear for land and marine steam-engines	"
8279	Adam Lappan ...	A spring-bolt fastening for leggings	"
8280	John James Woolgar ...	Improved appliances for the more effective combustion of fuel in boiler furnaces	"
8283	Robert Rogers ...	Improved apparatus for straining and fastening fence wire	"
8287	Sydney Hood Thorp ...	An improved apparatus for affixing adhesive stamps	"
8289	Robert Ashton Lister ...	Improvements in pumps for milk and other fluids	"
8290	Thomas Ralph Douse ...	An improved electric apparatus for checking or subduing fire	"
8291	Ernst Fahrig ...	An improved composition of materials, applicable for electrical, insulating, and other purposes, and the process for manufacturing the said composition	"

## APPLICATIONS ABANDONED.

No.	Date of Abandonment.	Name.	Title.
10238	October 5 1893.	Joseph Henry Benning ...	A new balance roller for blinds
10240	October 6	Thomas Woodbridge ...	Cleaning table knives
10242	October 7	Granville White and John McDougall	A new or improved method of manufacturing the leaves of eucalyptus trees into cigarettes, cigars, and also into plugs or cakes for consumption in ordinary pipes
10245	October 7	Samuel Charles Whitworth ...	An improved frame for hoods of perambulators and other hooded carriages or vehicles
10247	October 8	Thomas Campbell Simonton ...	An improved machine for extracting gold from auriferous sand and gravels and pulverized ores
10248	October 10	William McNamara ...	An improved lemon-squeezer for squeezing or extracting the juice from lemons and other fruits
10249	October 12	William Manston Fletcher ...	Improvements in cream cans
10251	October 13	Henry Jeremiah Smith ...	An improved shaving brush
10257	October 15	Samuel Perry, jun. ...	Introducing boiling water into steam boilers
10258	October 15	John Horace O'Brien ...	Improvements in milk testers
10259	October 17	Herbert Stocker Wymond ...	An improved lock nut and bolt
10260	October 17	James David Edwards ...	An improved sheaf carrier for reaping and binding machines
10262	October 19	Annie Frances Whittles ...	An improved apparatus for heating milk prior to treating it in cream separators or for cheese making
10263	October 19	John Turnbull ...	An improved apparatus for washing coal, applicable also for separating metalliferous ores and other substances of different specific gravities
10266	October 20	George Boulton Browne Elliott ...	Improvements in jiggling machines
10267	October 20	William Thomas Mack ...	A new or improved reference index
10268	October 21	George Harry Goodwin Wharington	Interlocking apparatus for cheese vats, skips, and hoops
10273	October 22	Thomas William Fletcher ...	An improved washing stick
10274	October 22	Sydney Cooke ...	An improved pivotal-bearing plunger block
10275	October 22	Daniel Hickie and Peter Bell Ritchie	An improved method for closing and opening necks of bottles, jars, and other vessels, and for conserving and dealing with effervescent and other liquids, semi-liquid and other substances
10277	October 25	Charles Schlue ...	An improved grape separating and crushing machine
10279	October 26	Alfred Litchfield ...	Concentrating and separating minerals from their natural earths
10280	October 28	Ernest Henry Kinside Crawford	An improved signalling truncheon for constables
10284	October 29	Edward Duncan ...	An improved combined plunger valve and valved cistern for sanitary and other purposes
10288	October 31	John Saxby the younger ...	Improvements in ticket punches

## APPLICATIONS VOID.

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

No.	Date of Application becoming void.	Name.	Title.
9939	8th November, 1893	Gustav Mahlstedt ...	An instrument designed for automatically adding up columns of figures
9940	8th November, 1893	Hyman Herman ...	Improvements in road vehicle couplings

## ASSIGNMENT REGISTERED.

No.	Title.	Date of Registration.	Name of Assignee.	Whole or Part.
9646	Improvements in the method of and machinery for manufacturing wire netting	17th November, 1893 ...	The Whitcross Company Limited	Whole

## PART II.—TRADE MARKS.

## APPLICATIONS FOR TRADE MARKS.



## CLASS 3.

3670. Chemical Substances prepared for use in Medicine and Pharmacy. The Lambert Pharmacal Company, of St. Louis, in the state of Missouri, United States of America. 17th November, 1893. (As a distinctive label.)



CLASSES 5, 12, AND 14.

3657. Class 5. Unwrought and Partly Wrought Metals used in Manufacture. 3658. Class 12. Cutlery and Edge Tools. 3660. Class 14. Goods of Precious Metals, including aluminium, nickel, Britannia metal, &c., and imitations of such goods and jewellery. 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.)



PURE  
SANITARY  
DYE  
GUARANTEED FAST

*The essential particulars of the Trade Mark are the following:—The Lion Brand, and the Scroll upon which the word "Sanitary" or any other descriptive word may be shown; and applicants disclaim any right to the exclusive use of the added matter.*

CLASS 38.

3663. Hosiery. Beath, Schiess, and Co., of 202 and 204 Flinders-lane, Melbourne, Victoria, warehousemen. 14th November, 1893. (As a distinctive brand.)

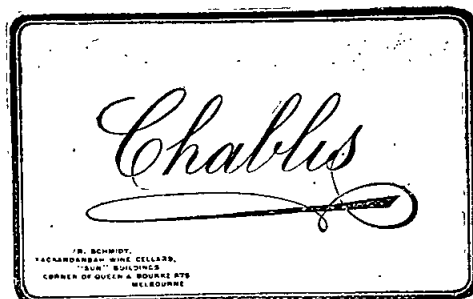


*The essential particulars of the Trade Mark are the following:—The device of a lily, and applicants disclaim any right to the exclusive use of the added matter.*

CLASS 42.

3653. Butter. John Bamford, William Farrell, and Jorgen Pedersen, trading as "The Goulburn Valley Butter Factory Co.," of 441 Flinders-lane, Melbourne, Victoria. 2nd November, 1893. (As a distinctive brand.)

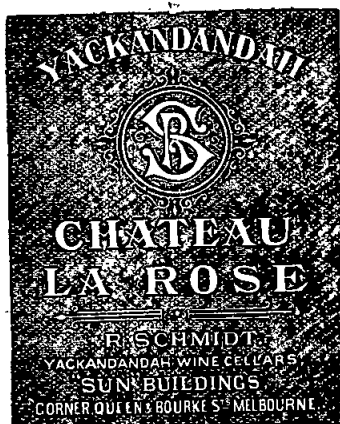




*The essential particulars of the Trade Mark are the following:—The distinctive form of the name "Chablis" and applicant's name and address; and applicant disclaims any right to the exclusive use of the added matter.*

## CLASS 43.

**3664.** Wines. Robert Julius Carl Schmidt, of Sun Buildings, Queen-street, Melbourne, Victoria, wine and spirit merchant. 16th November, 1893. (As a distinctive label.)



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

## CLASS 43.

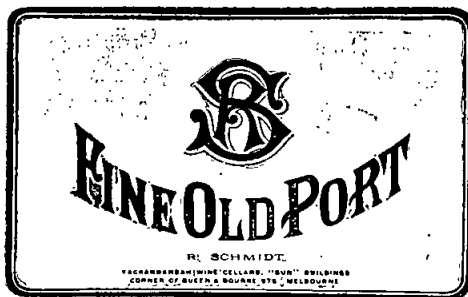
**3665.** Wines. Robert Julius Carl Schmidt, of Sun Buildings, Queen-street, Melbourne, Victoria, wine and spirit merchant. 16th November, 1893. (As a distinctive label.)



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

## CLASS 43.

**3666.** Wines. Robert Julius Carl Schmidt, of Sun Buildings, Queen-street, Melbourne, Victoria, wine and spirit merchant. 16th November, 1893. (As a distinctive label.)  
No. 159.—DECEMBER 23, 1893.—2.



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

## CLASS 43.

**3667.** Wines. Robert Julius Carl Schmidt, of Sun Buildings, Queen-street, Melbourne, Victoria, wine and spirit merchant. 16th November, 1893. (As a distinctive label.)



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

## CLASS 43.

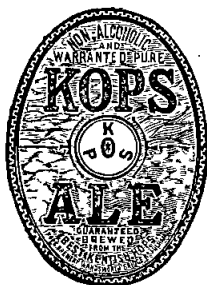
**3668.** Wines. Robert Julius Carl Schmidt, of Sun Buildings, Queen-street, Melbourne, Victoria, wine and spirit merchant. 16th November, 1893. (As a distinctive label.)



*The essential particulars of the Trade Mark are the following:—The representation of a fac-simile of applicant's signature, and the device of the rising sun, and applicant's address; and applicant disclaims any right to the exclusive use of the added matter.*

## CLASS 43.

**3669.** Wines. Robert Julius Carl Schmidt, of Sun Buildings, Queen-street, Melbourne, Victoria, wine and spirit merchant. 16th November, 1893. (As a distinctive label.)

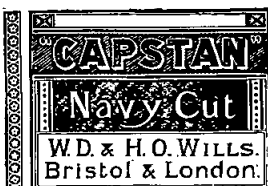


## CLASS 44.

**3655.** Ale, Aërated and Non-alcoholic. Robert James White and John George White, trading as "Kops Brewery," of Wandsworth, Bridge-road, London, England, manufacturers of temperance beverages. 6th November, 1893. (As a distinctive label.)

**KOPS****CLASS 44.**

**3656.** Ale and Stout, Aërated and Non-alcoholic. Robert James White and John George White, trading as "Kops Brewery," of Wandsworth, Bridge-road, London, England, manufacturers of temperance beverages. 6th November, 1893. (As a distinctive brand.)

**CLASS 45.**

**3654.** Manufactured Tobacco. W. D. and H. O. Wills Limited, of Bedminster, Bristol, and Holborn Viaduct, London, England, tobacco and cigar manufacturers. 3rd November, 1893. (As a distinctive label.)

**CASINO.****CLASS 45.**

**3661.** Tobacco, Cigars, and Cigarettes. Jacobs, Hart, and Co., of Queen-street, Melbourne, Victoria, tobacco merchants. 10th November, 1893. (As a word having no reference to the character or quality of the goods, and not being a geographical name.)

**BONANZA.****CLASS 45.**

**3662.** Tobacco, Cigars, and Cigarettes. Jacobs, Hart, and Co., of Queen-street, Melbourne, Victoria, tobacco merchants. 10th November, 1893. (As a word having no reference to the character or quality of the goods, and not being a geographical name.)



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

**CLASS 48.**

**3649.** A Preparation for the Hair. Frederick Engelbert, of Premier Buildings, 229 Collins-street, Melbourne, Victoria, importer and manufacturer. 30th October, 1893. (As a distinctive label.)

December 23, 1893.

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## TRADE MARKS REGISTERED.

No.	Name.	Class.	Gazetted.
3466	John Connell and Company Limited	42	2.6.93
3467	Edward McLiskey Crawford and William Allison Blair (Crawford and Blair)	42	26.5.93
3477	Robert Matchett	42	2.6.93
3533	Adolph Alen Joske and Dudley Best (Adolph Joske, Best, and Co.)	43	14.7.93
3532	John Arthur Langford	2	22.9.93
3585	Martin Marshall and George Martin Marshall (M. Marshall and Sons)	2	6.10.93
3601	Richard Johnson Clapham and Morris Limited	5	29.9.93
3603	Robert Harper and Co.	42	29.9.93
3605	R. Ramsay and Son	43	29.9.93
3606	R. Ramsay and Son	43	29.9.93
3610	Dudgeon and Arnell Limited	45	22.9.93
3612	Dudgeon and Arnell Limited	45	22.9.93
3613	Dudgeon and Arnell Limited	45	22.9.93
3614	M. E. Foster and Sons Limited	43	29.9.93
3620	John Henry Veen and Co.	45	22.9.93
3627	Hartwig Kantorowicz	43	6.10.93
3631	John Horatio Carr	2	13.10.93
3632	Luther Robert Scammell	2	13.10.93
3634	William Gray	50	13.10.93
3637	Hugh Robert Dixon	45	20.10.93
3638	Max Friedlander	45	20.10.93
3639	Ulysses Peter Narik	42	27.10.93
3640	Naylor and Co.	3	27.10.93
3641	Chambers and Seymour	18	27.10.93
3642	Chambers and Seymour	18	27.10.93
3643	Chambers and Seymour	18	27.10.93
3644	Chambers and Seymour	18	27.10.93
3645	Alexander Macneil and John Rose (Titan Engineering Company)	5	27.10.93
3646	Alexander Macneil and John Rose (Titan Engineering Company)	13	27.10.93

## SUBSEQUENT PROPRIETOR REGISTERED.

No.	Former Proprietor.	Subsequent Proprietor.	Class.
2041	Johan Jacob Schuh	Brown, Coles, and Co.	45

## TRADE MARKS RENEWED.

No.	Renewal Fee.	Name of Proprietor.	Class.
269	Fourteenth year	The Singer Manufacturing Company	6, 23, and 30
271	"	Andrew Judson White	3
409	"	Cook and Pulver	47

## APPLICATIONS ABANDONED.

No.	Date of Application.	Name.	Gazetted.
	1893.		
3453	April 14	George William Nathaniel Hamilton	20.4.93
3456	April 17	Henry Cohen	20.4.93
3626	September 27	Henry Weenen	6.10.93

## APPLICATIONS OPPOSED.

No.	Name.	By whom Opposed.	Class.	Gazetted.
3626	Henry Weenen	The Guardian Accident and Guarantee Insurance Company of Australasia Limited	38	6.10.93
3663	Beath, Schiess, and Co.	Louis Delius Borsdorff. (Borsdorff and Co.)	38	17.11.93

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