

# Supplement to Government Gazette

OF

WESTERN AUSTRALIA.

[Published by Authority.]

No. 49. }  
P.O. No. 29. }

PERTH: FRIDAY, JULY 18.

[1902.]

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

## Complete Specifications.

Patent Office, Perth,  
15th July, 1902.

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

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

Application No. 3891.—WILLIAM JOSEPH DIBDIN and HERMAN CHARLES WOLTERECK, of Edinburgh Mansions, Howie Place, Victoria Street, London, S.W., Consulting Chemists, "*Process of Manufacturing Illuminating or Heating Gas*."—Dated 5th June, 1902.

### Claims:—

1. The continuous process of producing illuminating or heating gas which consists in passing a mixture of superheated steam and hydrocarbons over metal adapted to act as a carrier of oxygen by most intimate contact at a high temperature, as set forth and described.
2. The process of producing illuminating or heating gas which consists in passing a mixture of superheated steam and hydrocarbons over metal continuously heated to a high temperature and adapted to act as a carrier of oxygen by most intimate contact, as shown and described.
3. The process of producing illuminating or heating gas which consists in decomposing steam in the presence of hydrocarbon by most intimate contact with a suitable metal at a high temperature producing hydrogen, methane, and carbonic acid, as set forth and described.
4. The process of producing illuminating or heating gas which consists in decomposing steam and hydrocarbons by means of most intimate contact with metal adapted to act as a carrier of oxygen and producing hydrogen, carbonic acid and other products of decomposition of the higher hydrocarbons both by oxidation and reduction, substantially as shown and described.

Specification, 4s. 6d. Drawings on application.

Application No. 3896.—EDWARD WATERS, a member of the firm of EDWARD WATERS & SON, Patent Agents, of Nos. 414-418 Collins Street, Melbourne, in the State of Victoria and Commonwealth of Australia (*Rose Gold Reclamation Company*), "*Gold Separators*."—Dated 10th June, 1902.

### Claims:—

1. A sluice box having a retaining surface for holding precious particles of material, and provided with one or more flexible floating aprons substantially as described, between which and said bottom the current is compelled to pass.
2. A sluice box having on its bottom retaining means for precious particles composed partly of textile or fibrous material and partly of wire screens, and upper floating aprons for forcing material down upon said retaining means.
3. The arrangement of wire screens and fibrous or textile material on the bottom of a sluice box, so as to provide alternate wire and fibrous or textile retaining surfaces.

4. A sluice box having on its bottom a retaining surface for precious particles, and flexible floating aprons above such surface having a rough lower surface and a substantially water-proof upper surface formed either with said apron or as a separate cover for said apron.

5. The arrangement of sluice boxes within a frame or casing, and in a column or series, alternately at opposite inclines, devices for changing their inclination, retaining coverings for the box bottoms, and flexible floating aprons above such bottoms.

Specifications, 7s. Drawings on application.

Application No. 3898.—WILLIAM KINGSLAND, of 8 Breems' Buildings, Chancery Lane, in the City of London, England, Electrical Engineer, "*Improvements in Mechanism or Devices for communicating Step-by-step Motions, for controlling and for encasing and mounting Electric Switches*."—Dated 10th June, 1902.

### Claims:—

1. In electric switches to which uniform step-by-step motions are to be communicated by an operating spindle, carrying a crank arm, bearing two oppositely engaging pawls, to act respectively upon two sets of oppositely sloping ratchet teeth formed in different planes upon an intermittent wheel, with which latter the movable part of the switch is connected; means for governing the position of the pawls relatively to the intermittent wheel, consisting in providing a stationary plate having cam guides with which the pawls engage, the cam guides being such that the inoperative pawl is positively held out of engagement with the intermittent wheel, substantially as described.

2. In electric switches to which uniform step-by-step motions are communicated by an operating spindle carrying two oppositely engaging pawls upon a crank arm, to act respectively upon two sets of oppositely sloping ratchet teeth, formed in different planes upon an intermittent wheel, to which the movable part of the switch is connected; the combination with means for governing the position of the inoperative pawl relatively to the intermittent wheel, of the means for locking the intermittent wheel after it has been moved through the predetermined angle of rotation, and automatically unlocking the same by the return motion of the operating spindle, consisting in providing a notched disc connected to the intermittent wheel, a sliding spring-actuated bolt carried in the stationary casing to engage with the notched disc, and a cam surface carried by the operating spindle to act upon the bolt, so arranged that the bolt is allowed to descend, when the spindle is turned in one direction or the other, from its normal position, and the bolt is allowed to engage in a notch of the disc when the intermittent wheel has been moved through the predetermined angle, the bolt being raised from the disc by the return of the spindle to its normal position of rest and the intermittent wheel left free for the next operation, substantially as set forth.

3. In electric switches to which uniform step-by-step motions are to be communicated the means for locking the intermittent rotary parts of the switch mechanism after it has been through the predetermined angle of rotation, and automatically unlocking the same by the return motion of the operating spindle, consisting in providing a notched disc connected to the intermittent wheel, a sliding spring actuated bolt carried in the stationary casing to engage with the notched disc, and a cam surface carried by the operating spindle to act upon the bolt, so arranged that the bolt is allowed to descend, when the spindle is turned in one direction or the other, from its normal position and the bolt is allowed to engage in a notch of the disc when the intermittent wheel has been moved through the predetermined angle, the bolt being raised from the disc by the return of the spindle to its normal position of rest, and the intermittent wheel left free for the next operation, substantially as described.

4. In electric switches to which uniform step-by-step motions are to be communicated by an operating spindle capable of partial rotation in either direction, and carrying upon a crank arm two oppositely engaging pawls to act upon two sets of oppositely sloping ratchet teeth formed upon the intermittent wheel, to which the movable part of the switch is connected: the means for returning the operating spindle to its normal position of rest after each operation, and for limiting its angular motion in either direction, consisting in fixing upon the spindle a wheel 27, having inclined ratchet-like teeth upon one face to engage

an intermediate wheel 28, loose on the spindle, and a third wheel 29, loose on the shaft, and having teeth to engage teeth upon the adjacent face of the intermediate wheel, together with means for preventing revolution of the wheel 29, and for limiting its lateral motion upon the spindle, in order to define the angular movements of the latter in either direction, and a spring to hold the toothed wheels in engagement with one another to thereby return the spindle to a normal position of rest after each operation, substantially as described.

5. In electric switches, employed in electrical traction, to which switches uniform step-by-step motions are to be communicated, the improved casing for the switch, and the mechanism by which it is operated, whereby the switch and mechanism are enclosed, the operating and controlling mechanism can be removed without disarranging the switch mechanism, or the latter can also be removed, if required, the whole casing being arranged and fitted for fixture to the foot of the track rail, whereby the casing is supported, substantially as described.

6. In electric switches having step-by-step motions the combination with an operating spindle capable of being partly rotated in either direction from a normal position of rest, an intermittent wheel revoluble on bearings, two sets of ratchet teeth in different planes and sloping in opposite directions upon the periphery of the intermittent wheel, and an electric switch, the movable rotary member of which is connected with the intermittent wheel; of two oppositely engaging pawls, carried from the spindle to co-act with the teeth of the intermittent wheel, and means for governing the position of the pawls relatively to the intermittent wheel; means for stopping further rotative motion of the intermittent wheel at the termination of the pawl action; means for limiting the motion of the operating spindle in either direction, and returning the same to its normal position of rest; and a casing for supporting and enclosing the mechanism, substantially as described.

7. The combination and arrangement of mechanism for communicating step-by-step motions for controlling, and for encasing and mounting electric switches, substantially as described with reference to Figs. 1 to 6 and 10 to 15 of the accompanying drawings.

8. The combination and arrangement of mechanism for communicating step-by-step motions for controlling and for encasing and mounting electric switches, substantially as described with reference to Figs. 8 and 9 of the accompanying drawings.

Specification, £1 1s. Drawings on application.

Application No. 3899.—WILLIAM PAYNE, PERCY DEAN BRAY, and JAMES HYNDER GILLIES, all of Orange, in the State of New South Wales, Assayer, Medical Practitioner, and Mining Engineer respectively, "*Improvements in the Treatment of Copper Ores.*"—Dated 10th June, 1902.

Claims:—

1. Improvements in the treatment of copper ores consisting of, in the case of sulphide ore, first roasting to an oxide then saturating the same with a solution of ferrous sulphate or sulphate and chloride followed by a second roast, during which it is necessary to add a small percentage of iron sulphide or sulphur oxide according to the percentage of copper present and the subsequent dumping of the hot ore into a leaching vat containing water, all prior to precipitation.

2. Improvements in the treatment of copper ores in which the copper is in the form of oxides or carbonates, consisting of converting the copper into a soluble form so that the same may be leached out with hot water in the manner substantially as described.

Specification, 2s.

Application No. 3902.—OLIVER IMRAY, of Birkbeck Bank Chambers, Southampton Buildings, in the County of London, England, Chartered Patent Agent (assignee of J. W. L. ONKEN), "*Improvements in Electro-magnetic Couplings.*"—Dated 10th June, 1902.

Claims:—

1. In combination with one of the members of an electro-magnetic coupling applied to drive a dynamo and the insulated rings thereon connected to its coils, conductors connecting these rings to a battery or other source of electricity, and in the circuit a commutating switch, whereby successive battery cells or successive resistances are automatically brought into circuit so as to vary the driving force of the coupling, substantially as described.

2. In apparatus such as is above referred to, connecting the brush of the commutating switch to the core of a solenoid energised by the current of a dynamo driven by the electro-magnetic coupling, substantially as described.

3. In apparatus such as is referred to in Claim 1, connecting the brush of the commutating switch to the sliding collar of a centrifugal governor driven with the dynamo, substantially as described.

4. Constructing the commutating switch as a number of conducting rods of different lengths immersed in greater or less number in mercury as determined by a solenoid core substantially as described with reference to Figs. 3 and 4.

5. The construction of the coupling with permanent or electro-magnets having on them windings which are connected to the dynamo and are such that currents traversing them tend to weaken the magnetism of the permanent or electro-magnets and so to increase slip of the coupling, substantially as and for the purpose set forth.

Specification, 9s. 6d. Drawings on application.

Application No. 3906.—DOUGALD DRUMMOND, of South Bank Lodge, Surbiton, in the County of Surrey, England, Engineer, "*Spark-Arrester for Locomotive and other Engines.*"—Dated 11th June, 1902.

Claims:—

1. A spark-arrester for locomotive and other engines, comprising, in combination with the engine funnel, a tube fitted therein and closed at its lower end and embracing the exhaust pipe, said tube having openings in its sides, and wings or baffles attached to said tube along the vertical sides of said openings transversely of the smoke box, to prevent the direct passage of the fire gases from the smoke tubes to the chimney.

2. A spark-arrester for locomotive and other engines, comprising, in combination with the engine funnel, a tube fitted therein and closed at its lower end and embracing the exhaust pipe, said tube having openings in its sides, and funnel-shaped baffles in the shape of open-ended boxes surrounding said openings and extending transversely of the smoke-box to prevent the direct passage of the fire gases from the smoke tubes to the chimney.

3. A spark-arrester for locomotive and other engines, comprising, in combination with the engine funnel, a tube fitted therein and closed at its lower end and embracing the exhaust pipe, said tube having openings in its sides, and a hinged open box attached to baffle plates secured along the vertical sides of said openings transversely of the smoke-box to prevent the direct passage of the fire gases from the smoke tubes to the chimney.

4. A spark-arrester for locomotive and other engines, comprising, in combination with the exhaust pipe, a pair of wings fitted on the upper end thereof and extending transversely of the smoke-box, plates pivoted between these wings on either side of said pipe having upturned flanges and a tubular casing communicating with the smoke-box and with the space between the wings, substantially as described.

Specification, 5s. Drawings on application.

Application No. 3915.—EMILE MASLIN, of Tricon Buildings, Bonneveine, No. 6 Marseilles, in the Republic of France, Engineer, "*Improvements in and relating to Steam Boiler and other Furnaces and Heat-generating Apparatus.*"—Dated 28th June, 1902.

Claims:—

1. An apparatus intended for the heating of steam-boilers and the like characterised by a furnace with a closed stove or fuel chamber of refractory material and without a grate, acting with an artificial draft, the air supply being first heated at the expense of the waste gases by being made to traverse a suitable regenerator, such apparatus having for its object the complete utilisation of the heat of the fuel and the attainment of a very high economy substantially as described.

2. An apparatus of the kind above claimed, consisting of a closed stove or fire chamber without a grate, into which the fuel is fed automatically in very small charges and at regular and very frequent intervals; the air for the combustion being delivered into the furnace in excess and artificially (either by a fan or an injector) in a quantity proportionate to the amount of fuel to be burnt, in order to insure complete combustion without smoke; this air being previously heated in its passage by traversing a suitable regenerator, at the expense of the heat of the waste gases; the ash being liquefied and discharged in the form of liquid; the products of combustion being filtered by means of superposed beds of refractory or incombustible material; the said apparatus having for its object to discharge into the atmosphere only cold gases free from fumes, carbonic-oxide, and small unburnt particles of coal, and to utilise completely the heat of any kind of fuel, substantially as described.

3. The employment of an outer casing or jacket for the regeneration of the heat, designed for the purpose of collecting and absorbing the heat lost by radiation and enclosing all the parts of the plant; the furnace and its flues being surrounded by a primary isolating casing, substantially as described.

4. The improved arrangement of heat-generating apparatus substantially as described with reference to Figure 1 or to Figures 2 to 4 of the annexed drawings, for the purpose specified.

Specification, 10s. Drawings on application.

Application No. 3920.—WILLIAM BUCKINGHAM, of Nos. 171 and 173 Riley Street, Sydney, in the State of New South Wales and Commonwealth of Australia, Draper, "*Improvements in annular chamber types of Rotary Engines and Pumps.*"—Dated 1st July, 1902.

Claims:—

1. The combination and arrangement with supply and exhaust ports such as 24 and 25 of a controlling valve such as 28 having supply branch such as 29 exits such as 30 and 31 through passage such as 32 and exit such as 33 substantially as herein described and explained and as illustrated in the drawings.

2. The peculiar construction of abutment box such as 34 having levers or checks such as 42 and spring such as 45 cod piece such as 44 adapted to slide therein steam tightly and normally press outwardly substantially as herein described and explained and as illustrated in the drawings.

3. The peculiar construction of controlling devices for sliding piston vanes such as 53 in pockets such as 52 having back rods such as 54 stuffing boxes and glands such as 55 cross bar such as 57 nuts such as 58 spring such as 59 rollers such as 61 and cam back such as 62 substantially as herein described and explained and as illustrated in the drawings.

4. The peculiar construction of adjustable bearings having bottom brass such as 77 side brasses such as 78 and top brass such as 79 wedge pieces such as 80 and adjusting screws such as 81 with or without tell-tale such as 82 on pivot such as 83 substantially as herein described and explained and as illustrated in the drawings.

5. The peculiar constructions of packing consisting of (a) rubber or the like such as 47 between shoe such as 48 and cod piece such as 44 (b) shoes such as 49 spring such as 50 and set screws such as 51 (c) a facing strip or shoulder such as 69 partly or wholly around packing ring such as 64 (d) split packing ring such as 64 with or without rubber such as 68 ring nut such as 67 on barrel end such as 66 and (e) packing ring such as 64 having split such as 70 wedge such as 71 cross slot such as 72 and screw bolt such as 73 each substantially as herein described and explained and as illustrated in the drawings.

6. The combination and aggregation of the main parts set forth all together constituting a reversing rotary engine substantially as herein described and explained and as illustrated in the drawings.

7. The combination and aggregation of the main parts set forth all together constituting a compound rotary engine substantially as herein described and explained and as illustrated in the drawings.

Specification, 11s. 6d. Drawings on application.

Application No. 3922.—RICHARD SPARROW, of Perth, Western Australia, Patents Agent (B. G. Lamme), "*Improvements in Single-phase Alternating Current Electric Motors.*"—Dated 1st July, 1902.

Claims:—

1. A series wound single-phase alternating current motor in which the field magnet ampere turns have such a ratio to the armature ampere turns as will, with a given value for the product of the number of poles multiplied by the normal maximum revolutions, develop a ratio of field self-induction to armature counter electro-motive force which does not exceed 50 per cent.

2. A series wound single-phase alternating current motor, in which the armature self-induction is limited by closed conductors carried by the field magnet poles and interposed in the paths of the lines of force

of the armature self-induction in positions approximately parallel to the general direction of the field polarisation and approximately mid-way between the sides of the respective poles.

3. In a series wound single-phase alternating current motor, an armature having a parallel closed coil winding and leads between the armature coils and the commutator bars which are of such a resistance as to reduce the secondary current in the short-circuited coils produced by the alternating magnetic field to substantially non-sparking limits.

4. Electric motors constructed substantially as described with reference to the accompanying drawings.

Specification, £1 5s. 6d. Drawings on application.

R. G. FERGUSON,

Registrar of Patents.

Patent Office,  
Perth, 11th July, 1902.

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

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

For particulars of claims, vide *Gazette No. 28, 11th July, 1902.*

Application No. 3514.—THE LONDON AND HAMBURG GOLD RECOVERY COMPANY, LIMITED, of 22 Austin Friars, London E.C., England (Assignee of *Ludwig Diehl* and *George Henry Walkeden*), "*Combined Condensing and Evaporating Appliances for the distillation of Impure Water.*"—Dated 23rd August, 1901.

Specification, 7s. Drawings on application.

Application No. 3520.—REUBEN SPARROW, of Richardson Street, South Melbourne, in the State of Victoria, Commonwealth of Australia, Engineer, and NICOLAY FAHRENHOLTZ JENSEN, of No. 21 High Street, Malvern, near Melbourne, in the said State of Victoria, Nurseryman, "*An Improved Hub Brake for Cycles, Automobiles, and other road vehicles.*"—Dated 3rd September, 1901.

Specification, 4s. Drawings on application.

Application No. 3525.—WILLIAM GEORGE GIBBINS, of Argyll House, Kirkdale Road, Leytonstone, in the County of Essex, England, Furrier, "*Improvements in Washing Machines.*"—Dated 4th April, 1901.

Specification, 8s. Drawings on application.

Application No. 3532.—RICHARD BUCK ARTHUR, of 39 Armstrong Street, Ballarat, in the County of Grenville, State of Victoria, Commonwealth of Australia, Shopman, "*An improved process for preserving Leather and similar substances from Mineralised Waters.*"—Dated 11th September, 1901.

Specification, 3s. 6d. Drawings on application.

Application No. 3589.—MANUEL ANTONIO GOMES HIMALAYA, of 76A Estrada de Monsanto, Bemfica, Lisbon, Portugal, late of Rue de Buzenval, Boulogne-sur-Seine, Department of Seine, in the Republic of France, Engineer, "*Improved Apparatus for making industrial use of the heat of the sun and obtaining High Temperatures.*"—Dated 9th October, 1901.

Specification, £1. Drawings on application.

Application No. 3874.—WILLIAM JULIUS BALTZER, of 82 Pitt Street, Sydney, in the State of New South Wales, Civil Engineer, "*Improvements in the re-inforcement of Plastic Materials.*"—Dated 19th May, 1902.

Specification, 3s. 6d. Drawings on application.

Application No. 3897.—GEORGE THOMAS ALLNUTT, of Centre Dandenong Road, Cheltenham, near Melbourne, in the State of Victoria, Commonwealth of Australia, Market Gardener, and WILLIAM EDWARD LAKE, of the same address, Creamery Employee, "*An improved Machine for Cutting Bulk Butter into pieces of predetermined size.*"—Dated 10th June, 1902.

Specifications, 6s. Drawings on application.

Application No. 3900.—EMILY LANGER, of Petersham, near Sydney, in the State of New South Wales, Dress Cutter, "*Improvements in the Drafting of Patterns for Garments, and in Charts therefor.*"—Dated 10th June, 1902.

Specification, £3 5s. Drawings on application.

Application No. 3903.—GODFREY BAMBERG, of Boswell House, Bolt Court, Fleet Street, London, England, Consulting Chemist, "*Improvements in Detergents and their manufacture.*"—Dated 12th June, 1902.

Specification, 6s. 6d.

Application No. 3904.—WILLIAM GEORGE WAUCHOPE, of 18 George Street, Perth, in the State of Western Australia, in the Commonwealth of Australia, Malster, "*An improved Torrifier for Malting purposes.*"—Dated 14th June, 1902.

Specification, 3s. 6d.

R. G. FERGUSON,

Registrar of Patents.

Patent Office, Perth,  
27th June, 1902.

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

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

For particulars of claims, vide *Gazette No. 26, 27th June, 1902.*

Application No. 3873.—GEORGE GARIBALDI TURRI, of Salisbury Building, Queen Street, Melbourne, in the State of Victoria, Patent Agent (*Henry George Abraham Isaac Weider* and *Samuel Sidney Bromhead*), "*An improved Sensitive Diaphragm for Reproducing and Transmitting Sound.*"—Dated 19th May, 1902.

Specification, 3s. 6d. Drawings on application.

Application No. 3880.—FRANK KLEPETKO, Mining and Metallurgical Engineer, Deer Lodge, County Montana, and WILLIAM JOHN EVANS, of Great Falls Cascade, County Montana, United States of America, Mechanical Engineer, "*Improvements in Roasting Furnaces.*"—Dated 27th May, 1902.

Specification, 15s. Drawings on application.

Application No. 3881.—FRED LOBNITZ, of Clarence House, Renfrew, Scotland, Engineer and Shipbuilder, "*Improvements connected with Rock-cutting Apparatus.*"—Dated 27th May, 1902.

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

Application No. 3883.—FREDERIC FOUCHE, Engineer, of 38 rue des Ecluses, Saint Martin, Paris, France, "*Air Condenser for Locomotives and other Steam-propelled Vehicles.*"—Dated 3rd June, 1902.

Specification, 6s. Drawings on application.

Application No. 3884.—FREDERIC FOUCHE, Engineer, of 38 rue des Ecluses, Saint Martin, Paris, France, "*Apparatus for the Distillation of Salt Water.*"—Dated 3rd June, 1902.

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

Application No. 3889.—JOHN L. McMILLAN, of Iliion, in the County of Herkimer and State of New York, in the United States of America, Designing Engineer, "*Rotary Engines.*"—Dated 3rd June, 1902.

Specification, £1 4s. 6d. Drawings on application.

R. G. FERGUSON,

Registrar of Patents.

Patent Office, Perth,  
20th June, 1902.

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For particulars of claims, vide *Gazette No. 25, 27th June, 1902.*

Application No. 3592.—FREDERICK ARTHUR ALCOCK, of 212 Russell Street, Melbourne, Victoria, Manager, "Instruments for standardising Bowls."—Dated 11th October, 1901.

Specification, 4s. Drawings on application.

Application No. 3866.—DAVID JAMES YOUNG, of Patea, in the Provincial District of Taranaki, in the Colony of New Zealand, Plumber, "Improved portable Shower Bath."—Dated 13th May, 1902.

Specification, 3s. 6d. Drawings on application.

R. G. FERGUSON,  
Registrar of Patents.

Patent Office, Perth,  
13th June, 1902.

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For particulars of claims, vide Gazette No. 24, 13th June, 1902.

Application No. 3865.—WILLIAM HENRY SCHOFIELD, of Pueblo, in the County of Pueblo and State of Colorado, United States of America. Manufacturer, "Improvements in Metal Wagons."—Dated 13th May, 1902.

Specification, 2s. Drawings on application.

Application No. 3870.—The Honourable CHARLES ALGERNON PARSONS, of Heaton Works, Newcastle-on-Tyne, in the County of Northumberland, England, Engineer, "Improvements in and relating to Steam Turbine Blades."—Dated 15th May, 1902.

Specification, 17s. 6d. Drawings on application.

Application No. 3871.—RICHARD MEAD ATWATER, junior, of Leonora, Western Australia, Mining Engineer, "A Stepped Furnace and means of feeding same, principally adapted for burning brushwood and such like fuel."—Dated 16th May, 1902.

Specification 3s. 6d. Drawings on application.

R. G. FERGUSON,  
Registrar of Patents.

Patent Office, Perth,  
6th June, 1902.

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For particulars of claims, vide Gazette No. 23, 6th June, 1902.

Application No. 3542.—FRANK ARTHUR BLAKESLEE, of Kalgoorlie, Western Australia, Engineer, "A combined Percolation and Agitation Vat."—Dated 16th September, 1901.

Specification, 5s. Drawings on application.

Application No. 3585.—RICHARD KEYTE, of Whangarei, Auckland, in the Colony of New Zealand, Builder, "An Improved Fire Escape."—Dated 8th October, 1901.

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

Application No. 3651.—RICHARD KEYTE, of Whangarei, Auckland, in the Colony of New Zealand, Builder, "Improved means for automatically indicating a Change in Temperature."—Dated 23rd November, 1901.

Specification, 5s. 6d. Drawings on application.

R. G. FERGUSON,  
Registrar of Patents.

Patent Office, Perth,  
30th May, 1902.

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

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For particulars of claims, vide Gazette No. 22, 30th May, 1902.

Application No. 3832.—SHERARD COWPER-COLES & Co., LIMITED, of 82 Victoria Street, Westminster, London, England, Manufacturers (Assignee of SHERARD COWPER-COLES), "Improvements in or relating to the Deposition of Metals or Compounds."—Dated 19th April, 1902.

Specification, 9s. Drawings on application.

Application No. 3835.—ALBERT KRANK, of Warkaus Jorois, Finland, Engineer, "Improvements in or connected with Steam Turbines, and Mechanism or Apparatus connected therewith, for directly converting the energy thereof into fluid pressure."—Dated 22nd April, 1902.

Specification, 12s. Drawings on application.

Application No. 3836.—FRANCIS JAMES ODLING, of No. 2 Prince's Walk, Prince's Bridge, Melbourne, in the State of Victoria, Commonwealth of Australia, Mining Engineer, and WILLIAM JAMIESON, of Broken Hill Chambers, No. 31 Queen Street, Melbourne, in Victoria, as aforesaid, Gentleman, "An improved Magnetic Separator for Pulverised Ores and other Materials."—Dated 22nd April, 1902.

Specification, 7s. 6d. Drawings on application.

Application No. 3839.—FREDERICK ALBERT BARDWELL, of 50 Kenilworth Street, Boston, U.S.A. (assignee of ARTHUR FRANCIS BARDWELL), "Improvements in Voting Machines."—Dated 22nd April, 1902.

Specification, £1 14s. Drawings on application.

Application No. 3845.—AMERICAN MINERAL WATER MACHINE COMPANY, of 305-309 East 43rd Street, New York, U.S.A. (assignee of PETER ENGELBRECHT MALMSTROM), "Improvements in apparatus for making Aerated Beverages, and automatically and electrically controlling the gas pressure therein."—Dated 29th April, 1902.

Specification, £1 18s. Drawings on application.

Application No. 3849.—PIERRE CLAUDE LOUAT, of Merrylands, near Sydney, New South Wales, Engineer, "Improvements in the generation of Steam and in its utilisation for motive power purposes."—Dated 29th April, 1902.

Specification, 12s. Drawings on application.

Application No. 3853.—JAMES SYMONS, of Foxton, New Zealand, Settler, "Improved Filtering Apparatus."—Dated 2nd May, 1902.

Specification, 6s. Drawings on application.

Application No. 3854.—RICHARD SPARROW, of Perth, Western Australia, Licensed Patents Agent (William Chapman), "Improvements in track construction for Electric Railways operated on the Conduit System."—Dated 2nd May, 1902.

Specification, 14s. Drawings on application.

Application No. 3855.—FREDERICK JOHN KING, of Croydon, Surrey, England, Mining Engineer, "Improvements in and relating to Magnetic Ore Separators."—Dated 3rd May, 1902.

Specification, 12s. Drawings on application.

Application No. 3857.—SAMUEL MILNES, Engineer, and HERBERT WILLIAM DE BAUGH, Commercial Traveller, both of Auckland, New Zealand, "An improved Portable Combination Furnace for domestic and other purposes."—Dated 6th May, 1902.

Specification, 4s. 6d. Drawings on application.

Application No. 3858.—THE SMETHURST FURNACE AND ORE TREATMENT SYNDICATE, LIMITED, of 3 Great Winchester Street, London E.C., England, Manufacturers (Assignee of W. SMETHURST), "Improvements in the Treatment of Substances with Nascent Carbon Dioxide to produce a Chemical Reaction."—Dated 7th May, 1902.

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

Application No. 3860.—RICHARD SPARROW, of Perth, Western Australia, Patents Agent (*Edwin Musser Herr*), "*Improvements relating to Brake Shoes.*"—Dated 7th May, 1902.

Specifications, 5s. Drawings on application.

Application No. 3861.—ANDREW CHARLES JOSEPH CHARLIER, of 108A West Regent Street, Glasgow, Scotland, Chemist, "*Improvements in the Manufacture of Lead Pigments and Lead or other Metallic Compounds and in apparatus therefor, also suitable for aerating or saturating liquids with Gases.*"—Dated 8th May, 1902.

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

R. G. FERGUSON,  
Registrar of Patents.

Patent Office, Perth,  
23rd May, 1902.

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

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

For particulars of claims, vide *Gazette No. 21, 23rd May, 1902.*

Application No. 3842.—HENRI GALOPIN, of Chancery Lane, Melbourne, State of Victoria, Instrument Maker, "*Mechanism for Measuring the flow of Fluids.*"—Dated 23rd April, 1902.

Specifications, 12s. 6d. Drawings on application.

Application No. 3843.—JOSEPH LYBRAND FERRELL, of 2218 Race Street, in the City of Philadelphia, and State of Pennsylvania, United States of America, Mechanical Engineer, "*Improvements in Wood Preserving.*"—Dated 25th April, 1902.

Specifications, 8s. 6d. Drawings on application.

Application No. 3850.—FRIEDRICH ALBRECHT, of No. 379 Swanston Street, Melbourne, in the State of Victoria, Metal Worker, "*Means for coupling pipes or cocks to fluid mains, branches, receptacles, or tanks.*"—Dated 29th April, 1902.

Specification, 4s. 6d. Drawings on application.

R. G. FERGUSON,  
Registrar of Patents.

**Renewal Fees paid on Patents from the 5th to the 12th July, 1902.**

*Fees payable before the end of the seventh year in respect of the seven following years :—*

No. 704.—Dr. C. Hoepfner.

*Fees payable before the end of the fourth year in respect of the three following years :—*

No. 2134.—W. Bain.

No. 2151.—Rothlauf-Serum Gesellschaft.

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*3929	8th July, 1902	Dimant, Elias ... ..	Melbourne, Vic. ...	Improved divided tread for boots and shoes
*3930	8th July, 1902	Bartle, W. ... ..	Gilles Plains, S.A.	Improvements in and relating to combined mould board and share for ploughs and other cultivating implements
3931	8th July, 1902	Merton, T. D. ... ..	Spottiswoode, Vic.	Improved rotary rabbling apparatus for ore roasters
3932	8th July, 1902	Turri, G. G. ( <i>T. H. Hicks</i> ) ...	Melbourne, Vic. ...	Improvements in apparatus for separating mercury and amalgam from ore pulp
3933	8th July, 1902	Turri, G. G. ( <i>T. H. Hicks</i> ) ...	Melbourne, Vic. ...	Improvements in process for recovering gold from refractory ores in the form of amalgam
3934	8th July, 1902	Turri, G. G. ( <i>T. H. Hicks</i> ) ...	Melbourne, Victoria	Improvements in apparatus for separating mercury from amalgam
3935	8th July, 1902	Turri, G. G. ( <i>T. H. Hicks</i> ) ..	Melbourne, Victoria	Improvements in ore concentrators
3936	8th July, 1902	Turri, G. G. ( <i>T. H. Hicks</i> ) ...	Melbourne, Victoria	Improvements in rotatable single ball ore-pulverising apparatus
3937	8th July, 1902	Auldjo, L. C. ... ..	Sydney, N.S.W. ...	Improvements in steam boilers
*3938	8th July, 1902	Metters, J. T., and Metters, C. H.	Melbourne, Victoria	Improvements in open household fire-grates
*3939	8th July, 1902	Woods, J. T. ... ..	Melbourne, Victoria	Appliance to be used in coupling railway trucks
*3940	10th July, 1902	Ryan, P. ... ..	Dardanup, W.A. ...	Improved manure
*3941	11th July, 1902	Sparrow, R. ( <i>F. Wattue</i> ) ...	Perth, W.A. ...	Improvements in or relating to metallic box-making machinery
3942	11th July, 1902	Buhlmann, G. ... ..	Berlin, Germany ...	A new and useful process of manufacturing incandescent mantles
*3943	11th July, 1902	The Flameless Gas Light Company, Ltd. (assignee of W. Hooker)	London, England ...	Improvements in and relating to incandescent gas and vapour burners
*3944	11th July, 1902	Henderson, H. H. ... ..	Wellington, N.Z. ...	Improved apparatus for employment in dusting, cleaning, and polishing floors, walls, and the like.

## Provisional Specifications.

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APPLICATIONS for Letters Patent, accompanied by Provisional Specifications, which have been accepted from the 5th to the 12th July, 1902.

- No. 3837.—JOHN SMETHURST, of Wyalong, in the State of New South Wales, Architect, "*Improvements in the construction of Tanks, Vats, and the like, in order to facilitate the cleaning of same.*"—Dated 22nd April, 1902.
- No. 3869.—THOMAS HENRY HARRIS, of 397 Victoria Parade, East Melbourne, Victoria, Mining Engineer, "*A safety Window-fastener and Anti-rattler.*"—Dated 14th May, 1902.
- No. 3872.—SAMUEL SHAW, of No. 50 Chestnut Street, East Richmond, in the State of Victoria, Australia, Gasfitter, "*Improvements in Self-lighting Fittings for Gas-burners.*"—Dated 19th May, 1902.
- No. 3875.—THOMAS HENRY HARRIS, of 397 Victoria Parade, East Melbourne, Victoria, Mining Engineer, "*A Reins-holder.*"—Dated 26th May, 1902.
- No. 3878.—EDWARD TRAHERNE TOWGOOD, of Wanganui, in the Colony of New Zealand, Settler, "*An improved Tobacco Pipe.*"—Dated 27th May, 1902.
- No. 3879.—THOMAS OLIVER TURNBULL, of Kawhia, Provincial District of Auckland, New Zealand, Settler. "*A device for Carrying Children.*"—Dated 27th May, 1902.
- No. 3882.—JAMES FREDERICK KILBURN, of "Altadore," Grange Road, Toorak, in the State of Victoria, Commonwealth of Australia, Agent, "*Improvements in and connected with Strainers for Wire Fences.*"—Dated 3rd June, 1902.
- No. 3885.—JOHN GILLESPIE, of Fremantle, Sanitary Contractor, "*An improved Brush for cleansing of Sanitary Pans.*"—Dated 3rd June, 1902.
- No. 3887.—SPENCER JEWKES, of the Electric Power Station, Launceston, in the State of Tasmania, Commonwealth of Australia, Engineer, "*Improvements in regulating devices for controlling the operations of Pumps.*"—Dated 3rd June, 1902.
- No. 3888.—SAMUEL CHENEY, the younger, of Freeling, in the State of South Australia, Commonwealth of Australia, temporarily residing at Lion Mill, State of Western Australia, Commonwealth of Australia, Engine-driver, "*Improvements in Railway Brakes.*"—Dated 3rd June, 1902.
- No. 3890.—FRANCIS EDWARD ROGERS and EBENEZER HOSKING, both of Commercial Street, Mount Gambier, in the State of South Australia, Commonwealth of Australia, Ironworkers, "*An improved Spark Arrester.*"—Dated 4th June, 1902.
- No. 3892.—The Honourable CHARLES SOMMERS, 260 St. George's Terrace, Perth, Western Australia, Merchant, "*Improved Dropper for Wire Fencing, to be named 'The Cyclone Dropper.'*"—Dated 6th June, 1902.
- No. 3893.—JAMES GLENCROSS, of Bayley Street, Coolgardie, Western Australia, Plumber, "*Appliance for Drilling and Tapping Mains under pressure.*"—Dated 7th June, 1902.
- No. 3895.—WILLIAM NEPEAN HUTCHINSON, of No. 119 Palmer Street, Sydney, New South Wales, Australia, Inventor, and WILLIAM SAUNDERS BELL, of 144 Elizabeth Street, Melbourne, Australia, Farmer, "*An improved Wire Strainer or Splicer, and means for operating same.*"—Dated 10th June, 1902.
- No. 3905.—JOHN FERGER, of Boulder, Western Australia, Watchmaker, "*Device for collecting and checking Railway and Tramway passengers' fares.*"—Dated 14th June, 1902.
- No. 3907.—ENOCH RICHARDSON, of 18 Muir Street, Hawthorn, in the County of Bourke and State of Victoria, Engineer, "*An improved electrical amalgamating and concentrating apparatus for the extraction of gold, silver, amalgam, and floured mercury from refractory ores, slimes, battery, and alluvial tailings and other waste products by the combined use of electricity, hydrogen, and mercury.*"—Dated 17th June, 1902.
- No. 3908.—ALFRED BUTLER, of Taralga, in the State of New South Wales and Commonwealth of Australia, Storekeeper, "*An improved Fly Trap.*"—Dated 17th June, 1902.
- No. 3910.—ALFRED BORN, of 82 Gordon Street, Glasgow, Scotland, Manufacturer, "*An improved process and apparatus for Cleansing, scouring, and Removing Oil and Fat from Wool, Hair, Bristles, and other material.*"—Dated 19th June, 1902.
- No. 3917.—LOUIS JEAN BIZET, of 2 Avenue Frochot, Paris, France, Engineer, "*Improvements in the manufacture of Receptacles for Liquids or Gas under pressure.*"—Dated 1st July, 1902.

R. G. FERGUSON, Registrar of Patents.

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Hat Grips ... ..	Harris, R. D. ... ..	3805	4th April, 1902	18th April, 1902	16	1693
Horse Shoes ... ..	Cusdin, T., and Rice, J. W. ...	3806	4th April, 1902	18th April, 1902	16	1693
Incandescent Lamps ... ..	<i>Vide</i> Lamps ... ..	3796	26th Mar., 1902	18th April, 1902	16	1692
Lamps ... ..	Ram, G. S., and Sheppard, E. G., and Nernst Electric Light, Limited ... ..	3796	26th Mar., 1902	18th April, 1902	16	1692
Lamps ... ..	<i>Vide</i> Electrodes ... ..	3780	18th Mar., 1902	18th April, 1902	16	1691
Liquids ... ..	Gold Recovery from Slimes Syndicate, Limited (Assignee of H. Duncan and E. R. Sherriff)	3791	18th Mar., 1902	18th April, 1902	16	1692
Louvres ... ..	<i>Vide</i> Blinds ... ..	2822	11th April, 1902	25th April, 1902	7	1777
Metallurgic Filters ... ..	<i>Vide</i> Filters ... ..	3781	18th Mar., 1902	18th April, 1902	16	1692
Motion (mechanism for converting)	Rauhoff, J. M. ... ..	3790	18th Mar., 1902	18th April, 1902	16	1692
Motors ... ..	<i>Vide</i> Engines ... ..	3778	13th Mar., 1902	11th Mar., 1902	15	1416
Venetian Blinds ... ..	<i>Vide</i> Blinds ... ..	3822	11th April, 1902	25th April, 1902	7	1777
Nitro-cellulose Compound ... ..	Bonnaud, J. B. ... ..	3787	18th Mar., 1902	11th April, 1902	15	1416
Ores ... ..	Filters ... ..	3781	18th Mar., 1902	18th April, 1902	16	1692
Ores ... ..	<i>Vide</i> Concentrators ... ..	3449	3rd July, 1901	11th April, 1902	15	1415
Ores ... ..	<i>Vide</i> Electrolytic Converters	3872	18th Mar., 1902	18th April, 1902	16	1692
Ores ... ..	<i>Vide</i> Oxide of Antimony ...	3767	6th Mar., 1902	11th April, 1902	15	1415
Ores ... ..	<i>Vide</i> Slimes (treatment of) ...	3804	4th April, 1902	18th April, 1902	16	1693
Oxide of Antimony ... ..	Plews, A. S. ... ..	3767	6th Mar., 1902	11th April, 1902	15	1415
Pneumatic Signalling ... ..	Corrington, M., and Dodgson, F. L.	3775	11th Mar., 1902	18th April, 1902	16	1691
Railway Signals ... ..	<i>Vide</i> Pneumatic signalling ...	3775	11th Mar., 1902	18th April, 1902	16	1691
Reciprocating motion (conversion of)	<i>Vide</i> Motion (mechanism for converting)	3790	18th Mar., 1902	18th April, 1902	16	1692
Rotary motion (conversion of)	<i>Vide</i> Motion (mechanism for converting)	3790	18th Mar., 1902	18th April, 1902	16	1692
Scrubbing Apparatus ... ..	Gee, J. E. ... ..	3818	10th April, 1902	18th April, 1902	16	1693
Separating Liquids ... ..	<i>Vide</i> Liquids ... ..	3791	18th Mar., 1902	18th April, 1902	16	1692
Shaving ... ..	Nash, J. G. ... ..	3788	18th Mar., 1902	11th April, 1902	15	1416
Signals ... ..	<i>Vide</i> Pneumatic signalling ...	3775	11th Mar., 1902	18th April, 1902	16	1691
Slimes (cupiferous) ... ..	<i>Vide</i> Copper Slimes ... ..	3661	29th Nov., 1901	11th April, 1902	15	1415
Slimes (treatment of) ... ..	Sulman, H. L., and Kirkpatrick-Picard, H. F.	3804	4th April, 1902	18th April, 1902	16	1693
Steam Engine ... ..	<i>Vide</i> Engine ... ..	3398	21st May, 1902	11th April, 1902	15	1415
Swabs ... ..	<i>Vide</i> Scrubbing apparatus ...	3818	10th April, 1902	18th April, 1902	16	1693
Transferring Belts ... ..	<i>Vide</i> Belts ... ..	3446	2nd July, 1901	18th April, 1902	16	1691
Vat ... ..	<i>Vide</i> Copper Slimes ... ..	3661	29th Nov., 1901	11th April, 1902	15	1415
Wood Preserving ... ..	Ferrell, J. L. ... ..	3807	4th April, 1902	18th April, 1902	16	1693
Zinc Shaving ... ..	<i>Vide</i> Shaving ... ..	3788	18th Mar., 1902	11th April, 1902	15	1416

**Trade Marks.**

Patent Office, Trade Marks Branch,  
Perth, 18th July, 1902.

IT is hereby notified that I have received the under-mentioned Applications for the Registration of Trade Marks.

Any person or persons intending to oppose any of such applications must leave particulars in writing, in duplicate (on Form F), of his or their objections thereto, within two months of the first advertisement of the applications in the Western Australian Government Gazette.

A fee of £1 is payable with such notice.

In the case of an Application in which have been inserted a statement and disclaimer (or a disclaimer only), a copy of the same is printed in *italics* in connection with the advertisement.

R. G. FERGUSON,  
Registrar of Designs and Trade Marks

Application No. 2430, dated 2nd April, 1902.—ALBERT TROSTEL & SONS, of Milwaukee, County of Milwaukee, State of Wisconsin, United States of America, to register in Class 37, in respect of Leather for Harness, Harness and Shoe Leather, a Trade Mark, of which the following is a representation:—

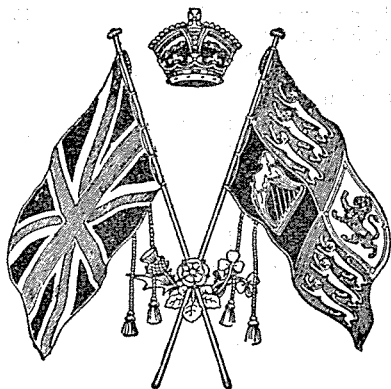


"CENTAUR"

*The essential particular of the Trade Mark is the word "Centaur," or the representation of a centaur, and applicant disclaims any right to the exclusive use of the added matter.*

This Mark was first advertised in the Western Australian Government Gazette of 23rd May, 1902—*vide* notice at head of Trade Mark advertisements.

Application No. 2469, dated 8th May, 1902.—JEFFS BROTHERS, 602-604 Hay Street, Perth, in the State of Western Australia, to register, in Class 42, in respect of Substances used as Food, or as such ingredients in Food, a Trade Mark, of which the following is a representation:—

**STANDARD**

*The essential particulars of the above Mark consist of the combination of devices and the word "Standard."*

This Mark was first advertised in the Western Australian Government Gazette of 23rd May, 1902—*vide* notice at head of Trade Mark advertisements.

Application No. 2470, dated 13th May, 1902.—CRUCIBLE STEEL COMPANY OF AMERICA, of Jersey City, State of New Jersey, in the United States, to register in Class 5, in

respect of Steel and Steel Blanks, Forms, Shapes, and parts for Manufactured Articles, a Trade Mark, of which the following is a representation:—



This Mark was first advertised in the Western Australian Government Gazette of 23rd May, 1902—*vide* notice at head of Trade Mark advertisements.

Application No. 2471, Dated 13th May, 1902.—OGDEN'S, LIMITED, of Liverpool, England, and York Street, Sydney, State of New South Wales, Tobacco Manufacturers, to register in Class 45, in respect of Tobacco, Cigars, and Cigarettes, a Trade Mark, of which the following is a representation:—

**FLORODORA.**

This Mark was first advertised in the Western Australian Government Gazette of 23rd May, 1902—*vide* notice at head of Trade Mark advertisements.

Application No. 2465, dated 25th April, 1902.—ROBERT HALL, of Hall Bros. & Co., Clifton Hill, Victoria, Manufacturer, to register in Class 3, in respect of a Medicinal Embrocation or Ointment, a Trade Mark, of which the following is a representation:—



*The essential particulars of the above Mark consist of the device and the word "Lubroline."*

This Mark was first advertised in the Western Australian Government Gazette of 6th June, 1902—*vide* notice at head of Trade Mark advertisements.

Application No. 2478, dated 27th May, 1902.—WALTER WESLEY GARNER, trading under the name or style of F. H. Faulding & Co., at 341-343 Murray Street, Perth, Western Australia, Wholesale and Manufacturing Druggist and Chemist, to register in Class 3, in respect of Chemical Substances prepared for use in medicine and pharmacy, a Trade Mark, of which the following is a representation:—

**LANOCREAM.**

This Mark was first advertised in the Western Australian Government Gazette of the 6th June, 1902—*vide* notice at head of Trade Mark advertisements.

Application No. 2479, dated 27th May, 1902.—ALLEN & HANBURY'S, LIMITED, of Plough Court, 37 Lombard Street, and Bethnal Green, London, England, Manufacturing Chemists, to register in Class 42, in respect of Substances used as food, or as ingredients in food, a Trade Mark, of which the following is a representation :—

## ALLENBURY'S.

This Mark was first advertised in the Western Australian Government Gazette of 6th June, 1902—vide notice at head of Trade Mark advertisements.

Application No. 2480, dated 27th May, 1902.—ALLEN & HANBURY'S, LIMITED, of Plough Court, 37 Lombard Street, and Bethnal Green, London, England, Manufacturing Chemists, to register in Class 3, in respect of Chemical Substances prepared for use in medicine and pharmacy, a Trade Mark, of which the following is a representation :—

## ALLENBURY'S.

This Mark was first advertised in the Western Australian Government Gazette of 6th June, 1902—vide notice at head of Trade Mark advertisements.

Application No. 2481, dated 27th May 1902.—ALLEN & HANBURY'S, LIMITED, of Plough Court, 37 Lombard Street and Bethnal Green, London, England, Manufacturing Chemists, to register in Class 50, in respect of Feeding Bottles, a Trade Mark, of which the following is a representation :—

## ALLENBURY'S.

This Mark was first advertised in the Western Australian Government Gazette of the 6th June, 1902—vide notice at head of Trade Mark advertisements.

Application No. 2482, dated 27th May, 1902.—ALLEN & HANBURY'S, LIMITED, of Plough Court, 37 Lombard Street, and Bethnal Green, London, England, Manufacturing Chemists, to register in Class 3, in respect of Chemical Substances prepared for use in medicine and pharmacy, a Trade Mark, of which the following is a representation :—

## BYNO.

This Mark was first advertised in the Western Australian Government Gazette of 6th June, 1902—vide notice at head of Trade Mark advertisements.

Application No. 2486, dated 27th May, 1902.—ROBERT INGHAM CLARK AND COMPANY, LIMITED, of West Ham Abbey, Stratford, London, England, and 280 George Street, Sydney, New South Wales, Varnish, Japan, and Paint Manufacturers, to register in Class 1, in respect of Varnishes, Japans, Lacquers, Paint, Colours, Enamels, Stains, Polishes, and Dryers, a Trade Mark, of which the following is a representation :—



The above Trade Mark has been used by the applicant Company or its predecessors in business for over three years prior to the first day of January, 1885.

The essential particular of the Trade Mark is the device, and we disclaim any right to the exclusive use of the added matter.

This Mark was first advertised in the Western Australian Government Gazette of the 6th June, 1902—vide notice at head of Trade Mark advertisements.

Application No. 2473, dated 15th May, 1902.—HUNTLEY AND PALMERS, LIMITED, of Reading, England, Biscuit Manufacturers, to register in Class 42, in respect of Biscuits, a Trade Mark, of which the following is a representation :—

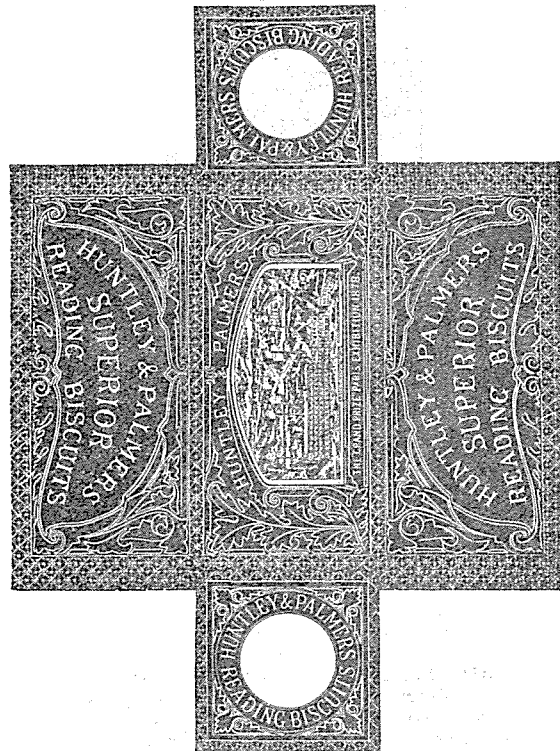


The said Trade Mark having been used by us and our predecessors in business, in respect of the articles mentioned, for nineteen years before the 1st January, 1885.

The essential particulars of the Trade Mark are: A representation of a Garter and Buckle, the Garter bearing the words "Huntley & Palmers Reading Biscuits."

This Mark was first advertised in the Western Australian Government Gazette of 13th June, 1902—vide notice at head of Trade Mark advertisements.

Application No. 2474, dated 15th May, 1902.—HUNTLEY & PALMERS, LIMITED, of Reading, England, Biscuit Manufacturers, to register in Class 42, in respect of Biscuits, a Trade Mark, of which the following is a representation :—



The said Trade Mark having been used by us and our predecessors in business, in respect of the articles mentioned, for eighteen years before the 1st January, 1885.

The essential particulars of the Trade Mark are the following: A label wrapper or covering adapted for application to the cover and four sides of one of the boxes in which the proprietors' biscuits are commonly sold, the portion of the wrapper which occupies the top of the box bearing a view of the proprietors' works, the portion at the front and rear, the proprietors' name coupled with "Superior Reading Biscuits," and the end portions the words "Huntley & Palmers Reading Biscuits" arranged in a circle.

This Mark was first advertised in the Western Australian Government Gazette of 13th June, 1902—vide notice at head of Trade Mark advertisements.

Applications Nos. 2483, 2484, dated 27th May, 1902.—ALLEN & HANBURY, LIMITED, of Plough Court, 37 Lombard Street, and Bethnal Green, London, England, Manufacturing Chemists. Application No. 2483, to register in Class 42, in respect of substances used as food or as ingredients in food, and Application No. 2484, to register in Class 3, in respect of chemical substances prepared for use in medicine and pharmacy, a Trade Mark, of which the following is a representation:—



This Mark was first advertised in the Western Australian Government Gazette of 13th June, 1902—*vide* notice at head of Trade Mark advertisements.

Application No. 2485, dated 27th May, 1902.—GOLLIN AND COMPANY PROPRIETARY, LIMITED, of Melbourne, Victoria; Sydney, New South Wales; Adelaide, South Australia, and Wellington, New Zealand, Merchants, to register in Class 42, in respect of Tinned, or Canned and Dried or Preserved Fish, Tinned or Canned Meats, Fruits, and other Tinned or Canned Food Products, a Trade Mark, of which the following is a representation:—



The essential particulars of the Trade Mark are the device and the word "Primroses," and the applicants disclaim any right to the exclusive use of the added matter.

This Mark was first advertised in the Western Australian Government Gazette of 13th June, 1902—*vide* notice at head of Trade Mark advertisements.

Application No. 2488, dated 3rd June, 1902.—OGDEN'S, LIMITED, of Liverpool, England, and York Street, Sydney, State of New South Wales, Commonwealth of Australia, Tobacco Manufacturers, to register in Class 45, in respect of Tobacco, Cigars, and Cigarettes, a Trade Mark, of which the following is a representation:—

## DADDY.

This Mark was first advertised in the Western Australian Government Gazette of 13th June, 1902—*vide* notice at head of Trade Mark advertisements.

Application No. 2477, dated 27th May, 1902.—WILLIAM BAIN, Manufacturer, 9 Union Chambers, 70 Pitt Street, Sydney, in the State of New South Wales, to register in Class 2, in respect of a Chemical Preparation for destroying

noxious insects and animals, a Trade Mark, of which the following is a representation:—



## WHITE ANT EXTERMINATOR.

The essential particulars of the above Mark consist of the combination of devices and the words "Ardua Vinco."

This Mark was first advertised in the Western Australian Government Gazette of 20th June, 1902—*vide* notice at head of Trade Mark advertisements.

Application No. 2487, dated 28th May, 1902.—D. & J. FOWLER, LIMITED, of Henry Street, Fremantle, to register in Class 42, in respect of Coffee, a Trade Mark, of which the following is a representation:—



The essential particular of this Trade Mark is the distinctive device or combination of devices.

This Mark was first advertised in the Western Australian Government Gazette of 20th June, 1902—*vide* notice at head of Trade Mark advertisements.

Application No. 2489, dated 10th June, 1902.—THE BUNYIP SOAP COMPANY, LIMITED, of Freeman Street, Adelaide, State of South Australia, Commonwealth of Australia, Soap Manufacturers, to register in Class 48, in respect of Toilet Soap and Toilet Preparations, a Trade Mark, of which the following is a representation:—

## OUR RIVER.

This Mark was first advertised in the Western Australian Government Gazette of 20th June, 1902—*vide* notice at head of Trade Mark advertisements.

Application No. 2490, dated 10th June, 1902.—GERSTENDORFER BROTHERS, of No. 43 Park Place, New York, in the United States of America, Manufacturers, to register in Class 1, in respect of Paints, Enamels, Varnishes, Lacquers, Aluminium and Bronze Paints, and Aluminium and Bronze

Powders, a Trade Mark, of which the following is a representation:—

**“SAPOLIN.”**

TRADE-MARK FOR

**Paints, Enamels, Varnishes, Lacquers,  
Aluminium and Bronze Paints and  
Aluminium and Bronze  
Powders,**

MANUFACTURED BY  
**GERSTENDORFER BROTHERS,  
No. 43 PARK PLACE,  
NEW YORK, U. S. A.**

*The essential particular of the Trade Mark is the invented word “Sapolin,” and applicants disclaim any right to the exclusive use of the added matter save and except their name and address.*

This Mark was first advertised in the Western Australian Government Gazette of 20th June, 1902—*vide* notice at head of Trade Mark advertisements.

Application No. 2495, dated 16th June, 1902—**ROBERT PORTER AND COMPANY, LIMITED**, of Nos. 39-47, Pancras Road, London, in England, Bottlers of Ale, Stout, Cider and Mineral and Aerated Waters, to register in Class 42, in respect of Beverages not alcoholic, not medicated, and not aerated, a Trade Mark, of which the following is a representation:—



*The essential particulars of the Trade Mark are the device of a Bull Dog, the words “Bull Dog,” the copy of the written signature “Robt. Porter & Co.,” and the combination of devices, and applicant Company disclaims any right to the exclusive use of the added matter, save and except their name and address.*

This Mark was first advertised in the Western Australian Government Gazette of the 20th June, 1902—*vide* notice at head of Trade Mark advertisements.

Application No. 2496, dated 16th June, 1902.—The persons trading together under the firm-name or style of **DAVID JONES AND COMPANY**, at George and Barrack Streets, Sydney, in the State of New South Wales and Commonwealth of Australia, General Drapers, to register in Class 38, in respect of all kinds of clothing and habiliments, and their accessories for human wear, and cognate articles and goods, a Trade Mark, of which the following is a representation:—

**O R I E N T .**

This Mark was first advertised in the Western Australian Government Gazette of the 20th June, 1902—*vide* notice at head of Trade Mark advertisements.

Application No. 2497, dated 16th June, 1902.—**FERNAND LEVIC**, of No. 45 York Street, Sydney, State of New South Wales, Commonwealth of Australia, trading under the style or firm of “**Frossard, Levic, & Co.**,” Cigar Merchants, to register in Class 45, in respect of Tobacco, Cigars, and Cigarettes, a Trade Mark, of which the following is a representation:—

**ASTORIA**

This Mark was first advertised in the Western Australian Government Gazette of 20th June, 1902—*vide* notice at head of Trade Mark advertisements.

Application No. 2491, dated 11th June, 1902.—**GUGGENHIME & Co.**, Merchants, 118-120 Davis Street, San Francisco, California, United States of America, to register in Class 42, in respect of Raisins, a Trade Mark, of which the following is a representation:—



*The essential particulars of the above Mark consist of the combination of devices and the word “Pansy,” and applicant company disclaim any right to the exclusive use of the added matter save and except their name and address.*

This Mark was first advertised in the Western Australian Government Gazette of 27th June, 1902—*vide* notice at head of Trade Mark advertisements.

Application No. 2492, dated 11th June, 1902.—**GETZ Bros. & Co.**, of San Francisco, United States of America, Merchants, to register in Class 42, in respect of Salmon, a Trade Mark, of which the following is a representation:—



*The essential particular of the above Mark consists of the distinctive label.*

This Mark was first advertised in the Western Australian Government Gazette of 27th June, 1902—*vide* notice at head of Trade Mark advertisements.

Application No. 2498, dated 17th June, 1902.—**SARGOOD, BUTLER, NICHOL, and EWEN**, Wellington Street, Perth, in the State of Western Australia, Warehousemen, to register in Class 38, in respect of Boots and Shoes, a Trade Mark, of which the following is a representation:—

**SIMPLEXIO.**

This Mark was first advertised in the Western Australian Government Gazette of 27th June, 1902—*vide* notice at head of Trade Mark advertisements.

Application No. 2500, dated 17th June, 1902.—HOLMES SAMUEL CHIPMAN, of No. 54 Margaret Street, Sydney, in the State of New South Wales, and Commonwealth of Australia, Merchant, to register in Class 6, in respect of Sewing Machines, a Trade Mark, of which the following is a representation :—

## RHODIA.

This Mark was first advertised in the Western Australian Government Gazette of 27th June, 1902—*vide* notice at head of Trade Mark advertisements.

Application No. 2502, dated 20th June, 1902.—FRANK ELLIS, 237 William Street, Perth, in the State of Western Australia, Artist, to register in Class 43, in respect of a Preparation for the Hair, a Trade Mark, of which the following is a representation :—

## DOXO.

This Mark was first advertised in the Western Australian Government Gazette of 27th June, 1902—*vide* notice at head of Trade Mark advertisements.

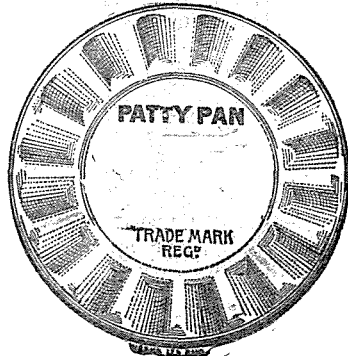
Application No. 2297, dated 3rd October, 1901.—BARTHOLOMEW PARKER BIDDER, trading as "Everett & Co.," and as "Everett's," of 51 Fetter Lane, London, England, Blacking Manufacturer, to register in Class 50, in respect of Polishing Creams for boots, shoes, harness, and other leather goods, a Trade Mark, of which the following is a representation :—



The essential particulars of the Trade Mark are the following :—“The device, the facsimile signature, and the distinctive label,” and Applicant disclaims any right to the exclusive use of the added matter, except in so far as it consists of his trading style and address.

This Mark was first advertised in the Western Australian Government Gazette of 4th July, 1902—*vide* notice at head of Trade Mark advertisements.

Application No. 2457, dated 22nd April, 1902.—JOSEPH ROBERT HAYWARD, of 171 Peterborough Street, Christchurch, New Zealand, Pickle Manufacturer, to register in Class 42, in respect of Baking Powder, Coffee, and other Substances used as food, or as ingredients in food, a Trade Mark, of which the following is a representation :—



The essential particulars of the Trade Mark are the device and the word or words "Pattypan," and I disclaim any right to the exclusive use of the added matter.

This Mark was first advertised in the Western Australian Government Gazette of 4th July, 1902—*vide* notice at head of Trade Mark advertisements.

Application No. 2475, dated 23rd May, 1902.—WILLIAM THORNES LILLY, Tea Blender and Trader, Northam, Western Australia, to register in Class 42, in respect of Bulk and Packet Teas, a Trade Mark, of which the following is a representation :—

## MAGNET.

This Mark was first advertised in the Western Australian Government Gazette of 4th July, 1902—*vide* notice at head of Trade Mark advertisements.

Application No. 2501, dated 19th June, 1902.—SLEE, SLEE, & CO., LIMITED, of Vinegar Works, Church Street, Horselydown, London, England, Vinegar Makers, to register in Class 42, in respect of Substances used as food, or as ingredients in food, such as Vinegar, Pickles, Sauces, Jams, Jellies, Preserves, Edible Oils, Capers, Olives, Syrups, Salad Cream, Mustard, Pepper, Essences for flavouring, Dried Herbs, Curry Powder, Preserved Fish, Fruits, Vegetables, Meats, and Soups, a Trade Mark, of which the following is a representation :—



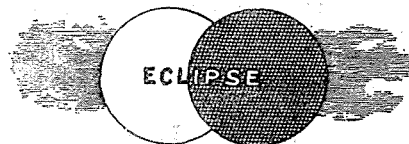
This Mark was first advertised in the Western Australian Government Gazette of 4th July, 1902—*vide* notice at head of Trade Mark advertisements.

Application No. 2503, dated 21st June, 1902.—FREDERICK WILLIAM KENWORTHY, of South Terrace, Fremantle, in the State of Western Australia, to register in Class 3, in respect of Chemical Substances prepared for use in Medicine and Pharmacy, a Trade Mark, of which the following is a representation :—

## BRISTOL.

This Mark was first advertised in the Western Australian Government Gazette of 4th July, 1902—*vide* notice at head of Trade Mark advertisements.

Application No. 2505, dated 27th June, 1902.—JAMES WATSON & COMPANY, LIMITED, of 97 Seagate, Dundee, Scotland, Distillers and Scotch Whisky Merchants, to register in Class 43, in respect of Fermented Liquors and Spirits, a Trade Mark, of which the following is a representation :—



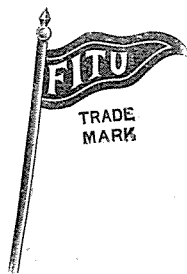
This Mark was first advertised in the Western Australian Government Gazette of 4th July, 1902—*vide* notice at head of Trade Mark advertisements.

Application No. 2,506, dated 27th June, 1902.—BICKMORE GALL CURE COMPANY, of Old Town, in the County of Penobscot, in the State of Maine, United States of America, Manufacturers of Veterinary Compositions, to register in Class 2, in respect of a compound used as a salve for veterinary purposes, a Trade Mark, of which the following is a representation :—



This Mark was first advertised in the Western Australian Government Gazette of 4th July, 1902—*vide* notice at head of Trade Mark advertisements.

Application No. 2384, dated 23rd January, 1902.—CHAPPELL, ALLEN, & CO., LIMITED, of Patriotic Corset Works, Redfield, Bristol, England, Corset Manufacturers, to register in Class 38, in respect of articles of Clothing, a Trade Mark, of which the following is a representation :—



This Mark was first advertised in the Western Australian Government Gazette of 11th July, 1902—*vide* notice at head of Trade Mark advertisements.

Application No. 2507, dated 1st July, 1902.—GEORGE WILLS, GEORGE TARLTON WILLS, J. H. WILLS, C. P. WILLS, W. E. J. BROCKSOPP, G. A. JURY, C. F. RISCHBIETH, and W. H. AYRES, trading together as "George Wills & Co.," at Grenfell Street, Adelaide, South Australia; 3 Chapel Street, Whitecross Street, London, England, and elsewhere, Merchants to register in Class 2, in respect of Artificial Manures, more particularly Phosphates, a Trade Mark, of which the following is a representation :—

## PLANET

This Mark was first advertised in the Western Australian Government Gazette of 11th July, 1902—*vide* notice at head of Trade Mark advertisements.

Application No. 2508, dated 1st July, 1902.—GEORGE WILLS, GEORGE TARLTON WILLS, J. H. WILLS, C. P. WILLS, W. E. J. BROCKSOPP, G. A. JURY, C. F. RISCHBIETH, and W. H. AYRES, trading together as "George Wills & Co.," at Grenfell Street, Adelaide, South Australia; 3 Chapel Street, Whitecross Street, London, England, and elsewhere, Merchants, to register in Class 2, in respect of Artificial Manures, more particularly Phosphates, a Trade Mark, of which the following is a representation :—

## JUNO

This Mark was first advertised in the Western Australian Government Gazette of 11th July, 1902—*vide* notice at head of Trade Mark advertisements.

Application No. 2509, dated 1st July, 1902.—GEORGE WILLS, GEORGE TARLTON WILLS, J. H. WILLS, C. P. WILLS, W. E. J. BROCKSOPP, G. A. JURY, C. F. RISCHBIETH, and W. H. AYRES, trading together as "George Wills & Co.," at Grenfell Street, Adelaide, South Australia; 3 Chapel Street, Whitecross Street, London, England, and elsewhere, Merchants, to register in Class 2, in respect of Artificial Manures, more particularly Phosphates, a Trade Mark, of which the following is a representation :—

## GLOBE.

This Mark was first advertised in the Western Australian Government Gazette of 11th July, 1902—*vide* notice at head of Trade Mark advertisements.

Application No. 2510, dated 1st July, 1902.—H. E. SHACKLOCK, LIMITED, Princes Street, Dunedin, in the Colony of New Zealand, to register in Class 18, in respect of Stoves, Cooking Ranges, and such like contrivances, a Trade Mark, of which the following is a representation :—

## ORION

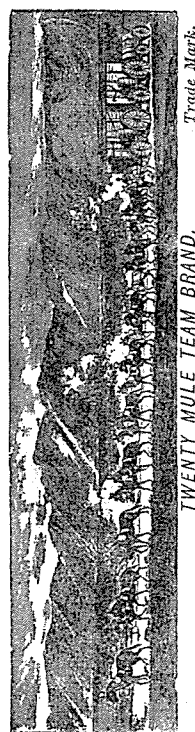
This Mark was first advertised in the Western Australian Government Gazette of 11th July, 1902—*vide* notice at head of Trade Mark advertisements.

Application No. 2511, dated 8th July, 1902.—HART LAWRENCE AND COMPANY, PROPRIETARY, LIMITED, of 20 A'Beckett Street, Melbourne, Victoria, Commonwealth of Australia, to register in Class 45, in respect of Cigars, Tobacco, Cigarettes, and all articles pertaining to tobacco in such class, a Trade Mark, of which the following is a representation :—

## ATLANTICO.

This Mark was first advertised in the Western Australian Government Gazette of 18th July, 1902—*vide* notice at head of Trade Mark advertisements.

Application Nos. 2512, 2513, 2514, dated 8th July, 1902.—BORAX CONSOLIDATED, LIMITED, of Nos. 77 and 78 Gracechurch Street, London, in England, Miners and Refiners of Borates, etc. Application No. 2512, to register in Class 1, in respect of Borax, Boracic Acid, and Boron Products. Application No. 2513, to register in Class 2, in respect of Borax, Boracic Acid, and Boron Products, and Application No. 2514, to register in Class 3, in respect of Borax, Boracic Acid and Boron Products, a Trade Mark, of which the following is a representation :—



The essential particulars of the Trade Mark are the device, and the words "Twenty Mule Team," and applicant Company disclaims any right to the exclusive use of the added matter.

This Mark was first advertised in the Western Australian Government Gazette of 18th July, 1902—*vide* notice at head of Trade Mark advertisements.

## Alphabetical List of Registrants of Trade Marks.

JULY 5TH—12TH.

Name.	Goods.	Class.	No.	Date.	Gazette.		
					No.	Date.	Page.
American Tobacco Company	Tobacco, cigars, and cigarettes ...	45	2448	15th April, 1902	17	25th April, 1902	1703
Battcock ... ..	<i>Vide</i> Rigby, Battcock & Company	*50	2447	15th April, 1902	17	25th April, 1902	1793
Bennett, D. (trading as Trilene Company)	Chemical substances prepared for use in medicine and pharmacy	3	2459	23rd April, 1902	18	2nd May, 1902	1907
Crucible Steel Company of America	Steel ... ..	5	2450	16th April, 1902	17	25th April, 1902	1793
Fowler, D. and J., Ltd.	Flour ... ..	42	2417	7th Mar., 1902	17	25th April, 1902	1793
Havana Commercial Company	Cigars and cognate substances and articles	45	2109	30th Jan., 1902	17	25th Apr., 1902	1792
Nash, J. G. ... ..	Zinc ... ..	5	2456	22nd Apr., 1902	18	2nd May, 1902	1907
New Sunlight Incandescent Co. (1900), Ltd.	Incandescent Mantles ... ..	18	2455	22nd Apr., 1902	18	2nd May, 1902	1907
Ogden's, Limited ... ..	Tobacco, Cigars, Cigarettes, and Snuff	45	2444	11th Apr., 1902	17	25th Apr., 1902	1793
Rigby, Battcock & Co. ... ..	Brushes of all kinds ... ..	*50	2447	15th Apr., 1902	17	25th Apr., 1902	1793
Trilene Company ... ..	<i>Vide</i> Bennett, D. ... ..	3	2459	23rd Apr., 1902	18	2nd May, 1902	1907
Worrall, J. & J. M., Ltd.	Cotton Piece Goods ... ..	24	2428	2nd Apr., 1902	17	25th Apr., 1902	1793

\* Sub-section 5.

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

JULY 5TH—12TH.

Goods.	Name.	No.	Date.	Class.	Gazette.		
					No.	Date.	Page.
Brushes ... ..	Rigby, Battcock, & Company ... ..	2447	15th April, 1902	*50	17	25th April, 1902	1793
Chemical Substances	D. Bennett (trading as Trilene Co.) ... ..	2459	23rd April, 1902	3	18	2nd May, 1902	1907
Cigarettes ... ..	<i>Vide</i> Tobacco ... ..	2444	11th April, 1902	45	17	25th April, 1902	1793
Cigarettes ... ..	<i>Vide</i> Tobacco ... ..	2448	15th April, 1902	45	17	25th April, 1902	1793
Cigars ... ..	Havana Commercial Company ... ..	2109	30th Jan., 1902	45	17	25th April, 1902	1792
Cigars ... ..	<i>Vide</i> Tobacco ... ..	2444	11th April, 1902	45	17	25th April, 1902	1793
Cigars ... ..	<i>Vide</i> Tobacco ... ..	2448	15th April, 1902	45	17	25th April, 1902	1793
Cotton piece goods ... ..	J. & J. M. Worrall, Ltd. ... ..	2428	2nd April, 1902	24	17	25th April, 1902	1793
Flour ... ..	D. & J. Fowler, Ltd. ... ..	2417	7th Mar., 1902	42	17	25th April, 1902	1793
Incandescent Mantles	New Sunlight Incandescent Company (1900), Ltd.	2455	22nd April, 1902	18	18	2nd May, 1902	1907
Mantles ... ..	<i>Vide</i> Incandescent mantles ... ..	2455	22nd April, 1902	18	18	2nd May, 1902	1907
Medicine ... ..	<i>Vide</i> Chemical substances ... ..	2459	23rd April, 1902	3	18	2nd May, 1902	1907
Pharmacy ... ..	<i>Vide</i> Chemical substances ... ..	2459	23rd April, 1902	3	18	2nd May, 1902	1907
Snuff ... ..	<i>Vide</i> Tobacco ... ..	2444	11th April, 1902	45	17	25th April, 1902	1793
Steel ... ..	Crucible Steel Company of America	2450	16th April, 1902	5	17	25th April, 1902	1793
Tobacco ... ..	American Tobacco Company ... ..	2448	15th April, 1902	45	17	25th April, 1902	1793
Tobacco ... ..	Ogden's, Limited ... ..	2444	11th April, 1902	45	17	25th April, 1902	1793
Zinc ... ..	J. G. Nash ... ..	2456	22nd April, 1902	5	18	2nd May, 1902	1907

\* Sub-section 5.