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

Complete Specifications.

*Patent Office, Perth,
20th September, 1901.*

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. 3483.—ANDREW JOHN FREDRIKSON, of Smalands, Taberg, Sweden, Engineer, "*Improvements in or connected with Wax Matches.*"—Dated 31st July, 1901.

Claims:—

1. A taper or the like for combustible purposes consisting of thin veneers of wood or the like and a wax coating.
2. A taper or the like for combustible purposes consisting of thin veneers of compressed wood or the like and a wax coating.
3. A taper or the like for combustible purposes consisting of thin veneers of wood or the like, a spiral binding and a wax coating.
4. A taper or the like for combustible purposes consisting of thin veneers of compressed wood or the like, a spiral binding and a wax coating.
5. A taper or the like for combustible purposes consisting of thin veneers of wood or the like, longitudinal fibres a spiral binding and a wax coating.
6. A taper or the like for combustible purposes consisting of thin veneers of compressed wood or the like, longitudinal cotton or the like fibres, a spiral binding and a wax coating.
7. The process for making tapers or the like, consisting in guiding thin veneers of wood or the like through a common guide, binding the veneers together by a spiral winding, waxing the bound veneers, and cutting the waxed bundle into the desired lengths.

Specification, 3s. 6d.

Application No. 3484.—HANS FRANZ REISERT, of 34 Huhngasse, Cologne, Germany, Engineer, "*Improvements in and connected with the process and apparatus for purifying Water.*"—Dated 31st July, 1901.

The claims, numbering 36, can be inspected at the Patent Office.
Specification, £5. Drawings on application.

Application No. 3487.—AUGUSTE LUMIERE and LOUIS LUMIERE, both of 21 Rue Saint Victor, Lyons, Monplaisir, Manufacturers of Photographic Plates, "*Panoramic Photographic Apparatus.*"—Dated 1st August, 1901.

Claims:—

1. In a reversible apparatus for taking and projecting panoramic views by circular displacement or shifting of the objective externally on the cylinder carrying the picture, the combination of the objective of a mirror and a prism with total reflection which rights or adjusts the pictures in such a manner as to insure or maintain their fixedness both on the sensitive film while the picture is taken and on the screen during the projection.
2. In the same apparatus for taking the picture, the combination of a fixed holder or plate *b* carrying the sensitive film in the form of a vertical cylinder, of a drum *f* carrying the objective and revolving concentrically with the film, of a sleeve or clutch *g* which limits the field of the objective, and a plug or shutter which limits the time of exposure to a complete revolution of the drum *f*.
3. In the apparatus, as above, for the projection, in combination with the plate or holder *b* carrying the picture to be projected, in the form of a vertical cylinder, the drum *f* revolving concentrically with the picture, one or multiple objectives fixed on the circumference of the drum *f*, and as many mirrors lighting the picture internally in front of each objective, and as many optical elements *g* to correct the deformations of the edges of the picture.

Specification, 9s. Drawings on application.

Application No. 3494.—GEORGE ARCHIBALD LOWRY, Mechanical Engineer, of 1124 Monadnock Block, 260 Dearborn Street, Chicago, Illinois, United States of America, "*Process of and Apparatus for ginning Cotton and similar material.*"—Dated 5th August, 1901.

The claims, numbering 24, can be inspected at the Patent Office.
Specification, £1 5s. Drawings on application.

Application No. 3496.—VALENTINE JOHN SADDLER, of 14 Market Buildings, Flinders Lane, Melbourne, Victoria, Railway Contractor (Assignee of ALFRED DEAN), "*Improvements in and connected with Aerial Wireways or Tramways.*"—Dated 5th August, 1901.

Claims:—

1. In appliances for raising, conveying and discharging material in combination with two cables and two hauling ropes a pair of carrier bicycles each having two carrier wheels and two pulley wheels supported in a frame constructed and adapted to enable the bicycle to run upon a cable of an incline of preferably one in three substantially as described and illustrated in the drawings.
2. In appliances for raising, conveying and discharging material in combination with two cables and two hauling ropes a pair of carrier bicycles each having two carrier wheels and two pulley wheels supported in a frame constructed and adapted to enable the bicycle to run upon a cable of an incline of preferably one in three said frame being extended downwards and having portion of its lower members projected and turned outwards to carry a horizontal stop bed and having also its side plates on the line of the cable projected and turned outwards to carry another stop bed for the purposes set forth substantially as herein described and illustrated by the drawings.

3. In appliances for raising, conveying and discharging material in combination with two cables and two hauling ropes a pair of carrier bicycles each having its side plates on the line of the cable projected and fitted with a stop bed adapted to engage with a stop block on the cable substantially as described and illustrated by the drawings.

4. In appliances for raising, conveying and discharging material the combination of (a) two cable ways supported at an incline of preferably one in three (b) two hauling ropes underneath the two cables actuated by two winding drums (c) two carrier bicycles as herein described each having two carrier wheels to run upon the cable way and two pulley wheels to carry the hauling rope (d) means such as the stop blocks described for arresting the bicycles on the cables over the point of loading (e) stop blocks on the skip pulleys adapted to engage stops on the bicycle frames all substantially as herein described and illustrated by the drawings.

5. In the frame of a carrier bicycle in appliances for raising, conveying and discharging material comprising two cable ways two bicycles and two hauling ropes the combination of two side plates of sheet metal eight journals of cast iron with internal bearings of white metal a stop bed at the centre of gravity below the pulley wheels and a stop bed on or about the line of the stop block on the cable substantially as described and illustrated by the drawings.

6. In appliances for raising, conveying and discharging material comprising two cable ways, two bicycles and two hauling ropes the combination of a stock block such as A7 or A8 on the cable way and a stop bed such as C6 or D6 on the bicycle substantially as described and illustrated by the drawings.

7. In appliances for raising, conveying and discharging material the method of raising and hauling material by the arrangement of cables bicycles and hauling ropes attached to two drums with mechanism for throwing the same in or out of gear or working them together enabling the loaded skip to be raised from the pit or shaft till it reaches the stop bed on the carrier bicycle when the same hauling rope draws the bicycle and the loaded skip to the point of discharge over the dump the weight of the empty skip being utilised through the hauling ropes and winding drums to assist in drawing the loaded skip up to and along the inclined cable substantially as herein described.

8. In appliances for raising, conveying and discharging material the combination of a pair of carrier bicycles such as described with mechanism comprising the improved double aerial wire way by means of which the weight of an empty descending skip is utilised to assist in drawing up the loaded skip substantially as described and as illustrated by the drawings.

Specification, 8s. Drawings on application.

Application No. 3505.—The Honourable CHARLES ALGERNON PARSONS, Engineer, of Heaton Works, Newcastle-on-Tyne, England, "*Improvements in Turbo-compressors and Pumps.*"—Dated 15th August, 1901.

Claims:—

1. In turbo-compressors and pumps, constructing the fixed guide vanes and movable blades of substantially plano-convex section, and tapering in thickness more rapidly towards their suction edges than towards their delivery edges, and spacing the movable vanes with wider pitch than the guide vanes substantially as described.

2. An improved turbo-compressor comprising a casing having groups of guide vanes projecting from its inner surface said guide vanes being of substantially plano-convex section, and tapering in thickness more rapidly towards the suction edges of the vanes than towards their delivery edges, and a rotatable shaft within this casing carrying groups of blades of similar cross-section to, but with wider pitch than, the guide vanes with which they alternate, the capacity of the compressor decreasing from the suction to the delivery end, substantially as described.

3. The improved turbo-pump hereinbefore described with reference to Figures 1, 2, and 3 of the accompanying drawings.

4. The improved turbo-pump hereinbefore described with reference to Figures 3 and 4 of the accompanying drawings.

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

Application No. 3506.—DONALD MACDONALD, of Ororoo, South Australia, Cyclist, "*Improvements in Gearing of Bicycles.*"—Dated 19th August, 1901.

Claims:—

1. The herein-described gearing for bicycles, consisting essentially in the combination upon the axle of the driving wheel, of a crown cog wheel, on a stationary disc, planet wheels on an inner dished disc, and hub cog wheels on a tube bearing on the axle, which cog wheels mesh in a line parallel to the travel of the machine, substantially as herein described.

2. In gearing for bicycles, the combination of free planet wheels arranged upon spindles fixed to an intermediate dished disc, with an outer crown cog wheel, and a cog wheel arranged about midway in the hub, upon an inner lateral tube revolving upon the main driving axle, substantially as herein described.

3. In gearing for bicycles, a hub having a central flange or web and an inner tube carrying hub cog wheels, substantially as herein described and for the purposes indicated.

4. In gearing for bicycles, a hub having a central flange, fixed to an inner tube, and provided with cog wheels, such hub being so arranged as to be mounted on bearings about midway upon the crank axle, substantially as herein described.

5. In gearing for bicycles, a hub or barrel having a central flange or web, and an inner tube carrying hub cog wheels arranged to be rotated by free planet wheels upon an intermediate dished disc on the crank axle from a crown cog wheel, upon an outer dished disc, substantially as herein described.

6. In gearing for bicycles, the combination of an outer dished disc having a crown cog wheel on its periphery, an intermediate dished disc fixed to the crank axle carrying free planet cogs upon suitable spindles, and a lateral pipe or tube fitted with cog wheels upon which tube the wheel is supported about midway in the hub by a webbed flange, substantially as herein described.

7. In gearing for bicycles, the combination of a hub centrally upon a crank axle, carrying hub cogs, meshing with free planet wheels, mounted on ball-bearing spindles, affixed to intermediate saucer-shaped

discs, having cones on their inner face for the driving wheel bearings and on their outer face for stationary crown cog wheels, an outer stationary dished disc carrying crown cog wheels, clamped to the frame, and arranged to mesh with the free planet wheels and to transmit their power centrally direct to the driving wheel, substantially as herein described.

Specification, 9s. Drawings on application.

Application No. 3508.—JOHN FRANCIS O'ROURKE, of 53 West 85th Street, Borough of Manhattan, New York, United States of America, Engineer, "*Improvements in Subterranean or Subaqueous Dam or Foundation Construction.*"—Dated 20th August, 1901.

Claims:—

1. A plurality of caissons having removable and registering doors or wall sections in adjacent walls, substantially as described.

2. A plurality of caissons having removable and registering doors or wall sections in adjacent walls, and having their adjacent walls secured together close to said removable doors or wall sections, substantially as described.

3. A plurality of caissons having each a roof and having removable and registering doors or wall sections in their adjacent walls below the roof line, substantially as described.

4. A plurality of caissons having registering openings in adjacent walls and a body of concrete or other material filling said caissons and extending from one to the other through said registering openings, substantially as described.

5. The combination with a caisson formed of vertical timbers and horizontal beams and having its uppermost horizontal beam set below the upper ends of the timbers, of a coffer-dam formed of vertical timbers and horizontal beams and having its lowermost horizontal beam extended below the lower ends of the vertical timbers, whereby a male and female joint is formed between said caisson and coffer-dam, substantially as described.

6. A plurality of caissons having bevelled ends with registering openings in the abutting ends and a body of concrete or other material filling said caissons and extending from one to the other through said registering openings whereby the completed wall is self-supporting against external pressure, substantially as described.

7. The method of building subterranean or subaqueous walls which consists in sinking successively to the desired depth a number of caissons abutting one against another, filling each caisson in succession with concrete or other material, leaving a space or well in such caisson adjacent to the next caisson, making an opening through the abutting walls from each caisson into the space or well left in the previously filled caisson, and filling such space or well from the next succeeding caisson and such succeeding caisson in like manner, substantially as described.

8. A subaqueous or subterranean foundation comprising a series of sectional dams united to form a continuous dam about the space to be covered and a filling of concrete or other material within such dam forming a solid foundation, substantially as described.

9. The method of building foundations for piers in water or water-bearing strata which consists in sinking to the desired depth about the space to be covered by the pier a number of caissons, filling each caisson with concrete or other material to form a dam, and making the dam continuous from each caisson to the next and filling in with concrete or other material the space enclosed by such continuous dam, substantially as described.

Specification, 16s. Drawings on application.

Application No. 3509.—EDWARD WATERS, JUNIOR, of 414-418 Collins Street, Melbourne, Victoria (George Henry Ellis), "*Manufacture of Twine from unretted Flax Straw, and slivers for making the same.*"—Dated 20th August, 1901.

Claims:—

1. A sliver from which twine may be spun, consisting of a multiplicity of lapped ribbons of the cortices of flax straw, substantially as described.

2. A twine of flax straw, comprised of wisps of interlapped un-hackled cortices of substantially the full length of the straw twisted together.

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

Application No. 3510.—DUNLOP PNEUMATIC TYRE COMPANY OF AUSTRALASIA, LIMITED, of 108 Flinders Street, Melbourne, Victoria (Henry James Doughty), "*Improvements in apparatus for use in the manufacture of Covers for Wheel Tyres.*"—Dated 20th August, 1901.

Claims:—

1. In apparatus for use in the manufacture of covers for wheel tyres, an expansible "former" the moveable sections of which are provided with horizontal racks in gear with tooth wheels or segments thereof turning on centres fixed to parts of the "former" or a plate supporting the same, and which toothed wheels or segments gear with and are operated by a moving rack-bar for the purpose and in manner substantially as herein shown and described.

2. In apparatus for use in the manufacture of covers for wheel tyres, the arrangement of rods and stops or guides in combination with the "former" and the moveable frame, for controlling the vertical movement of such "former" and the periods at which it is expanded and contracted for the purpose and in manner substantially as herein shown and described.

3. In apparatus for use in the manufacture of covers for wheel tyres, the combination of parts for the purpose and in manner substantially as herein shown and described.

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

Application No. 3513.—FREDERICK HENRY SPRANG, of 86 Grange Road, Bermondsey, London, England, Indiarubber Manufacturer, "*Improvements in the manufacture of Diving Dresses.*"—Dated 22nd August, 1901.

Claims:—

1. A diving dress made of an inner fabric coated with vulcanised rubber on its outer face, and an outer fabric cemented thereto, the pieces of the outer fabric being larger than the corresponding pieces of the inner fabric and alone being stitched together, each seam with the adjacent returned margins of the outer fabric being proofed by a cover strip of vulcanised rubber-coated fabric cemented both to the inner fabric and to the intervening portions of the outer fabric.
2. In a diving dress whereof the component parts are formed of an inner fabric coated with vulcanised rubber on its outer face and an outer fabric cemented thereto, the pieces of outer fabric alone being stitched together and the margins thereof turned back towards the edges of the inner fabric, the combination with the inner and outer fabrics of an insulating strip of unvulcanised rubber interposed between the outer fabric and the edges of the inner fabric and projecting beyond the latter so as to completely isolate the edges of the fibrous portion of the inner fabric both from the body of the outer fabric and from the returned margins thereof.
3. In a diving dress whereof the component parts are formed of an inner fabric coated with vulcanised rubber on its outer face and an outer fabric cemented thereto, the pieces of outer fabric alone being stitched together, and the margins thereof turned back towards the edges of the inner fabric, the combination with the inner and outer fabrics of an insulating strip of unvulcanised rubber interposed between the outer fabric and the edges of the inner fabric and projecting beyond the latter so as to completely isolate the edges of the fibrous portion of the inner fabric both from the body of the outer fabric and from the returned margins thereof, and of a proofing strip of unvulcanised rubber applied over the seam and returned margins of the outer fabric and united at opposite edges to the adjacent insulating strips.
4. In a diving dress whereof the component parts are formed of an inner fabric coated with vulcanised rubber on its outer face and an outer fabric cemented thereto, the pieces of outer fabric alone being stitched together, and the margins thereof turned back towards the edges of the inner fabric, the combination with the inner and outer fabrics of an insulating strip of unvulcanised rubber interposed between the outer fabric and the edges of the inner fabric and projecting beyond the latter so as to completely isolate the edges of the fibrous portion of the inner fabric both from the body of the outer fabric and from the returned margins thereof, a proofing strip of unvulcanised rubber applied over the returned margins and united at opposite sides to the adjacent insulating strips, and a cover strip of vulcanised rubber-coated fabric applied over all and cemented to the rubber proofing and insulating strips and to the adjacent margins of the inner fabric.
5. A diving dress having the leg portions made separate from the body portion and united thereto by circumferentially or diagonally extending seams formed by stitching together the pieces of outer fabric and proofing the seams and returned margins thereof by cover strips as described.
6. A diving dress having the leg portions made separate from the body portion, and united thereto by circumferentially or diagonally extending seams proofed as described, each said leg portion having longitudinal seams down the front and back thereof so as to enable a sweep or bagginess at the knee to be obtained and avoid the insertion of gussets to form the vamp.

Specification, 8s. Drawings on application.

Application No. 3516.—THOMAS PATRICK TIERNEY and ERNEST JOHN DOUGLAS, of Boulder City, Contractor and Surface Foreman, "*An improved process for precipitating Saline Matters and other Solids from Water, especially in Condenser and other Steam Boilers.*"—Dated 26th August, 1901.

Claims:—

1. The application of carbonate of soda, or soda ash to mineral water while being evaporated in a condenser, steam or other boilers to act as a precipitant to throw down the saline or solid matters in the form of a powder.
2. The application of carbonate of soda or soda ash to mineral water for use in amalgamation or metallurgical processes to precipitate the saline matters and solids in the form of a powder.

Specification, 2s. 6d.

Application No. 3517.—CHARLES E. PATRIC, of Springfield, Ohio, U.S.A. Manufacturer, "*Distributors for Grain Drills.*"—Dated 30th August, 1901.

Claims:—

1. An arrangement in a feed distributor of the distributing wheel having a carrying flange and a central web, with an outer casing covering the outer periphery of the wheel, and means for driving the wheel from the periphery so as to leave the side of the wheel and carrying flange exposed except where it passes through a measuring channel.
2. The arrangement with the feed distributing wheel having the carrying flange and outer casing covering the periphery of the wheel, the casing being cut away to expose the side of the wheel and flange except for a housing which extends over a portion of the flange to form a measuring and discharge channel, substantially as specified.
3. The arrangement in a feed distributor of a distributing wheel having a laterally-extending flange on each side, and an outer casing covering the outer periphery of the wheel but cut away so as to expose the respective flanges on opposite sides of the wheel except for a housing which forms a measuring channel and discharge opening over the flange, and a central support on one side of the wheel only, and means for driving the wheel from its periphery.
4. The arrangement of the distributor wheel having the laterally extending flanges on each side, and the casing covering the periphery of the wheel wide open at each side to expose the carrying flange, in connection with the housing which forms the measuring channel and discharge, the distributing wheel having teeth on its periphery engaging with the driving pinion.

5. The arrangement of the distributing wheel with the carrying flange and the casing having the periphery chambered to cover the periphery of the wheel and open at the sides to expose the flange, a housing forming a measuring channel and discharge, and a closed conduit leading from said housing.

6. The arrangement with the distributing wheel and the carrying flange and the casing covering the periphery of the wheel but open at the side as described, in connection with the inclined removable shields which form inclined chutes to direct the grain to one side of the distributing wheel.

7. The arrangements with the distributing wheel and flanges, the wheel being provided with teeth on its outer periphery, in connection with the pinions for driving said distributing wheel, and means for throwing the pinions into and out of gear independent of the other pinions of the series.

8. The arrangement with the distributing wheel having a carrying flange, a casing in which said wheel is mounted having an annular flange, the inner periphery of which is adjacent to the carrying flange on said wheel, a housing forming a part of said casing and projecting over a portion of the carrying flange to form a measuring channel, said casing being otherwise open at the side to leave the entire carrying flange exposed except where it passes through said housing, and to permit the grain to move laterally into the carrying wheel, substantially as specified.

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

Application No. 3518.—ROBERT HENRY CARTER, of Kimbolton, New Zealand, Farmer, "*An improved Axe-head and Handle therefor, and for other Analogous Implements.*"—Dated 30th August, 1901.

Claims:—

1. A solid axe-head provided with a tapered tongue made integral therewith such tongue being made taper on all of its sides, so as to form a wedge, and projecting from the bottom edge of the axe-head, as herein specified.
2. A handle for axe-heads and other implements the bottom end of which is tapered outwards and is provided with a V-shaped groove in the bottom thereof, and a metal sleeve fitting over the tapered portion of the handle, as herein specified.
3. In combination with an axe-head or other implement having a tapered tongue formed integral therewith a handle the bottom of which is tapered outwards and is provided with a V-shaped slot, and a metal sleeve fitting over the tapered portion of the handle as herein specified.
4. In combination with an axe-head or other implement having a tapered tongue formed integral therewith a handle the bottom of which is tapered outwards and is provided with a V-shaped slot, a metal sleeve fitting over the tapered portion of the handle and a set-screw passing through the sleeve and the tongue, as herein specified.
5. In combination with an axe-head or other implement having a tapered tongue formed integral therewith a handle, the bottom of which is tapered outwards and provided with a V-shaped slot, a metal sleeve fitting over the tapered portion of the handle and a strip of rubber or other elastic material inserted between the inside of the metal sleeve and the back of the tongue, as herein set forth.

Specification, 4s. Drawings on application.

Application No. 3524.—JESSE HOPSON and HENRY HAYWARD PRIEST, both of Brisbane, Queensland, "*Improvements in Hand signal Lamps.*"—Dated 3rd September, 1901.

Claims:—

1. In hand-signal lamps a light metal frame (carrying the red and green screens), suspended from a central fixed post in the roof of the lamp, and operated by a pinion, segmental rack on an arbor, and a small lever in the front of the handle as herein described, and illustrated in the accompanying drawings.
2. In hand-signal lamps coloured screens formed by interposing between two thin sheets of talc or mica, coloured gelatine or other films cementing same together, or securing them in a metal frame work as herein described and illustrated in the accompanying drawings.

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

Application No. 3526.—THE CEREAL SUGAR COMPANY, of 828 Gratiot Street, St. Louis, United States of America (Assignee of WILLIAM RILEY LONG), "*Improvements in and relating to Process and Apparatus for refining Grape Sugar.*"—Dated 5th September, 1901.

Claims:—

1. The process of treating crude grape sugar which consists in expressing impurities therefrom when the sugar is in a hard, non-paste-like condition.
2. The process of refining grape sugar which consists in taking sugar of a hard, non-paste-like consistency, enclosing it in an envelope and subjecting it to high pressure.
3. The process of refining grape sugar which consists in taking sugar of a hard, non-paste-like consistency, separating it into small flakes or particles, enclosing it in an envelope and subjecting it to high pressure.
4. The process herein described, of refining grape sugar, which consists in chipping the sugar when of a hard non-paste-like consistency, then placing the same in an envelope, then pressing it into a cake, then subjecting it to a high pressure, and finally pulverising and drying it, substantially as set forth.
5. In an apparatus of the character described, the combination of a frame having open ends and clamping sides, a co-operating clamping plate and an envelope to contain a product to be treated under pressure to expel moisture therefrom, having its ends folded over the product to form closed ends and open sides, means carried by said plate and means on the clamping sides of said frame co-operating to yieldingly clamp the open sides of the envelope, substantially as described.
6. In an apparatus of the character described, the combination of a series of frame plates arranged to receive envelopes containing a product to be treated under pressure to expel moisture therefrom,

members positioned on the upper sides of said plates parallel with each other, pliable strips positioned between said members, and clamping members located at the lower sides of said plates adapted to confine said envelopes by clamping them at their edges between said clamping members and pliable strips, substantially as described.

Specification, 11s. Drawings on application.

Application No. 3528.—AGGLAMENT LIMITED, of Cambrian Chambers, Swansea, South Wales (Assignee of HERBERT CHARLES BATH FORESTER and JOHN ARTHUR ASH YEO), "*Improvements in or relating to the Manufacture of Artificial Fuel, and Apparatus therefor.*"—Dated 5th September, 1901.

Claims:—

1. The herein described process of manufacturing artificial fuel; which consists in introducing the fuel mixture into an externally-heated retort, raising the temperature of said material as it passes through said retort to a definite point between 195° and 215° F., ascertaining by means of a thermometer when the desired temperature of the fuel mixture has been obtained, and then maintaining said temperature in a constant manner by regulating—by means of or with the aid of a pyrometer—the heat applied externally to the retort, substantially as and for the purposes set forth.

2. The herein described process of manufacturing artificial fuel, which consists in introducing the fuel mixture into an externally-heated retort, raising the temperature of said material as it passes through said retort to a definite point between 195° and 215° F., ascertaining by means of a thermometer when the desired temperature of the fuel mixture has been obtained, maintaining said temperature in a constant manner by regulating—by means of or with the aid of a pyrometer—the heat applied externally to the retort, and bringing the fuel mixture up to the required degree of moisture by adding moisture thereto as and when shown to be necessary by the indications of a pressure gauge, substantially as and for the purposes set forth.

3. The combination with closed-in apparatus for the manufacture of artificial fuel, of a thermometer arranged and adapted to show the actual temperature of the fuel mixture undergoing treatment within said apparatus, and a pyrometer arranged in conjunction therewith to enable the desired temperature to be maintained at a constant point during the mixing of the fuel by showing instantly any variations which may occur in the temperature of the heating vessel itself which variations can at once be corrected, either automatically or otherwise, substantially as and for the purposes set forth.

4. The combination with closed-in apparatus for the manufacture of artificial fuel, of a thermometer arranged and adapted to show the actual temperature of the fuel mixture undergoing treatment within said apparatus and a pyrometer arranged in conjunction therewith to maintain the desired temperature at a constant point during the mixing of the fuel by showing instantly any variations which may occur in the temperature of the heating vessel itself which variations can at once be corrected, either automatically or otherwise, and a pressure gauge to show if the required degree of moisture is present in the fuel mixture under treatment, substantially as and for the purposes set forth.

5. The combination with an externally-heated apparatus for the manufacture of artificial fuel, of a pyrometer, to maintain the desired temperature at a constant point during the mixing of the fuel by showing instantly any variations which may occur in the temperature of the heating vessel itself which variations can at once be corrected either automatically or otherwise, and a pressure-gauge acting in conjunction therewith to show if a sufficient degree of moisture is present in such fuel mixture under treatment, substantially as and for the purposes set forth.

6. The combination with an externally-heated apparatus for the manufacture of artificial fuel; of a thermometer, arranged and adapted to show the actual temperature of the fuel mixture undergoing treatment as it leaves the retort, and a pressure gauge acting in conjunction therewith to show if a sufficient degree of moisture is present in the mixture under treatment, substantially as and for the purposes set forth.

Specification, £1 6s. Drawings on application.

MALCOLM A. C. FRASER,
Registrar of Patents.

Patent Office, Perth,
13th September, 1901.

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. 37, 13th September, 1901.

Application No. 3470.—OSCAR PATRIC OSTERGREN, of Bedford Park, Borough of Bronx, New York City, and State of New York, "*Method of utilising the latent heat of the Steam in Steam Power Apparatus.*"—Dated 25th July, 1901.

Specifications, 15s. Drawings on application.

Application No. 3474.—AMERICAN MINING AND METAL EXTRACTION COMPANY, of 47 Devonshire Street, in the city of Boston, State of Massachusetts, United States of America (Assignee of CLINTON EMERSON DOLBEAR), "*Improvements in Electrostatic Separators.*"—Dated 27th July, 1901.

Specifications, 7s. Drawings on application.

Application No. 3475.—JOHN CHARLES MILLER, of Canton, Ohio, United States of America, Dairyman, "*Sterilising and cooling Liquids.*"—Dated 27th July, 1901.

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

Application No. 3479.—ALEXANDRE TROPENAS, of 6 Rue d'Erlanger, Paris, France, Engineer, "*Improvements in the Manufacture of Steel, Steel Castings or Ingot Iron, and in apparatus and appliances employed therein.*"—Dated 31st July, 1901.

Specification, 15s. Drawings on application.

MALCOLM A. C. FRASER,
Registrar of Patents.

Patent Office, Perth,
6th September, 1901.

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. 36, 6th September, 1901.

Application No. 3109.—JOHN HENRY BAILEY BROWN, of Fremantle, Salesman, "*An improved Butter Press.*"—Dated 25th September, 1901.

Specifications, 1s. 6d. Drawings on application.

Application No. 3116.—GEORGE JAMES KINGSBURY, of Coolgardie, Western Australia, Plumber, "*Apparatus for the combined generation, distribution, and supply of Acetylene Gas.*"—Dated 2nd October, 1900.

Specifications, 7s. Drawings on application.

Application No. 3424.—FRANK LEMONT DODGSON, of Rochester, New York, United States of America, Engineer, "*Improvements in Pneumatic Railway Signalling.*"—Dated 10th June, 1901.

Specifications, 13s. Drawings on application.

Application No. 3439.—ALEXANDER MUIRHEAD, of Shortlands, Kent, England, Doctor of Science, Telegraph Engineer, "*Improvements relating to Electric Telegraphy.*"—Dated 24th June, 1901.

Specification, £1 1s. Drawings on application.

Application No. 3447.—FRANK LEMONT DODGSON, of Rochester, New York, United States of America, Engineer, "*Improvements in Pneumatic Railway Signalling.*"—Dated 2nd July, 1901.

Specification, 19s. Drawings on application.

Application No. 3451.—WILLIAM TIMBRELL CLARK, of Perth, Consulting Engineer, "*An Improved Spark-arrester for Locomotive and other Steam Boilers.*"—Dated 4th July, 1901.

Specification, 7s. Drawings on application.

Application No. 3452.—EUGEN SCHILZ, of Johannesburg, South Africa, "*An improved Extraction of Gold Ores.*"—Dated 4th July, 1901.

Specifications, 15s.

Application No. 3453.—JOHN BREEDON, of John Street, Granville, near Sydney, New South Wales, Brickmaker, “*An improved method, with apparatus therefor, for treating Kaolin, Slimes, Saponaceous Earthy Matter, and the like, preparatory to the extraction, by either amalgamation, chlorination, leaching, or such like process, of the precious metals contained therein.*”—Dated 5th July, 1901.

Specification, 23s. Drawings on application.

Application No. 3455.—GEORGE JOHN HOSKINS and CHARLES HENRY HOSKINS, Engineers, of Darling Street, Ultimo, Sydney, New South Wales, “*An improved Ring and Joint to be used specially with the locking bar type of Sheet Metal Pipes.*”—Dated 8th July, 1901.

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

Application No. 3456.—FRANCIS JAMES ODLING, of 2 Prince's Walk, Prince's Bridge, Mining Engineer, and WILLIAM JAMIESON, of 31 Queen Street, Gentleman, both in Victoria, “*Improved Process for Magnetically Separating Pulverized Ores, Sulphide or otherwise, from their gangue or from each other.*”—Dated 9th July, 1901.

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

Application No. 3458.—JAMES PETER ROE, of 721 King Street, Pottstown, Pennsylvania, United States of America, Mechanical Engineer, “*Improvements in and relating to Puddling Machines.*”—Dated 9th July, 1901.

Specification, £1. Drawings on application.

Application No. 3461.—JOHN SINCLAIR, of 15 Ballast Point Road, Balmain, near Sydney, New South Wales, Marine Engineer, “*Improvements in Screw-propellers and appurtenances for the propulsion and steering of ships, parts of which are applicable to universal joints or shaft couplings.*”—Dated 16th July, 1901.

Specification, 15s. Drawings on application.

Application No. 3462.—WILLIAM KINGSLAND, of 8 Bream's Buildings, Chancery Lane, London, England, Electrical Engineer, “*Improvements in or connected with Electric Switches having intermittent or step-by-step motions.*”—Dated 16th July, 1901.

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

Application No. 3464.—HUGH FITZALIS KIRKPATRICK PICARD, Metallurgist, of 44 London Wall, London, E.C., England, “*Improvements in or relating to the Treatment of Slags and Bye-products containing Zinc.*”—Dated 17th July, 1901.

Specification, 3s.

Application No. 3465.—FRANCIS AMBROSE MOSS, of Kalgoorlie, Western Australia, Metallurgist, “*A new process for the Extraction and Separation of Gold from finely crushed Ore, Sand, Slimes, and other material.*”—Dated 19th July, 1901.

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

Application No. 3467.—EDWARD WATERS, JUN., of 414-418 Collins street, Melbourne, Victoria, Patent Agent (*The Linotype Company, Limited*), “*Improvements in Wipers for use in Linotype Machines.*”—Dated 25th July, 1901.

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

Application No. 3468.—JOSEF FÜHRER, of 5 Marokkaner Strasse, Vienna, Austria, “*Improvements in Explosives.*”—Dated 25th July, 1901.

Specification, 3s.

MALCOLM A. C. FRASER,
Registrar of Patents.

Patent Office, Perth,

30th August, 1901.

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. 35, 30th August, 1901.*

Application No. 3459.—EDWARD HERBERT HANKINS, Trainer; WALTER JOHN GORE, Brickmaker; and CHARLES PEARSON ROBERTS, Commission Agent, all of 49 Moray Place, Dunedin, New Zealand, “*An Improved Mechanical Counter.*”—Dated 12th July, 1901.

Specification, 5s. Drawings on application.

Application No. 3469.—THOMAS HEWTON, of 49 Moray Place, Dunedin, New Zealand, Miller, “*An Improved Apparatus for Straining Wire.*”—Dated 25th July, 1901.

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

Application No. 3477.—ALFRED EVERARD MACINDOE, of Auckland, New Zealand, Engineer, “*A Packing Holder for Piston Rods, Shafts, and such like, of Engines that require packing.*”—Dated 31st July, 1901.

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

Application No. 3478.—THOMAS GRUNDY, Engineer, and ROBERT POTTER, Gentleman, both of Auckland, New Zealand, “*A combined Safety Clothes Line and Peg Holder or Clamp.*”—Dated 31st July, 1901.

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

MALCOLM A. C. FRASER,
Registrar of Patents.

Patent Office, Perth.

23rd August, 1901.

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. 34, 23rd August, 1901.*

Application No. 3188.—WILLIAM WERRY, of Phillip Street, Long Gully, Bendigo, Victoria, Engineer, “*Improvements in Engines for Steam or other expansive pressure fluids.*”—Dated 13th November, 1900.

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

Application No. 3437.—GUSTAVE LOUIS MOUCHEL, of 38 Victoria Street, London, England, Engineer, and CONSTANT ELET, of 24 Rue Bellefontaine, l'Orient, France, Civil Engineer, “*Improvements in Concrete and Metal Partitions.*”—Dated 20th June, 1901.

Specification, £1 7s. 6d. Drawings on application.

Application No. 3442.—HERMANN WILHELM CARL EHMCKE, of Martin Street, Birkenhead, South Australia, Mechanical Engineer, "A new or improved Purse for tickets."—Dated 25th June, 1901.

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

Application No. 3457.—GEORGE VINCENT WHITE, M.B.B.S., of Thursday Island, Torres Straits, North Queensland, and FRANK SUMMERS, of Ernest Street, North Sydney, New South Wales, Diver, "A trunk or body protector or jacket for use by divers."—Dated 9th July, 1901.

Specification, 4s. Drawings on application.

MALCOLM A. C. FRASER,
Registrar of Patents.

Patent Office, Perth,
16th August, 1901.

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. 33, 16th August, 1901.*

Application No. 3435.—THOMAS JAMES McBRIDE, of 570-576 Bourke Street, Melbourne, Victoria (*communicated by Massey-Harris Company, Limited*).—Dated 19th June, 1901.

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

Application No. 3436.—WILLIAM NICHOLLS, Gentleman, of 8 Barnard's Inn, Holborn, London, England, "Improvements in Apparatus for supplying Aerated Liquids from bulk on draught."—Dated 19th June, 1901.

Specification, 9s. Drawings on application.

MALCOLM A. C. FRASER,
Registrar of Patents.

Patent Office, Perth,
9th August, 1901.

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. 32, 9th August, 1901.*

Application No. 3142.—FREDERICK LAMBERT LORDE, Draughtsman, and HENRY CRACROFT TROLLOPE, Engineer, both of Roseneath, Wellington, New Zealand, "An improved Machine for Cutting Tobacco."—Dated 15th October, 1900.

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

Application No. 3428.—EDWARD WATERS, JUNIOR, of 414-418 Collins Street, Melbourne, in the State of Victoria (*George Henry Outway*), "Improvements in Automatic Fire Alarms."—Dated 11th June, 1901.

Specification, 9s. Drawings on application.

Application No. 3430.—METCHISLAW FIEDLER, of House Schelaputin, Mochowaja Street, in the City of Moscow, Russia, Director, "Improvements in Explosive Compounds."—Dated 14th June, 1901.

Specification, 6s.

Application No. 3432.—GEORGE WESTINGHOUSE, of Westinghouse Building, Pittsburg, Pennsylvania, United States of America, Manufacturer, "Improvements relating to the production and utilisation of Gas."—Dated 14th June, 1901.

Specification, 10s. Drawings on application.

Application No. 3433.—THOMAS JAMES McBRIDE (General Manager for Australasia of Massey-Harris Co., Ltd.), of Nos. 570-576 Bourke Street, Melbourne, Victoria (*Massey-Harris Company, Limited*), "Improvements in Mowers."—Dated 19th June, 1901.

Specification, 15s. Drawings on application.

Application No. 3434.—THOMAS JAMES McBRIDE (General Manager for Australasia of Massey-Harris Co., Ltd.), of Nos. 570-576 Bourke Street, Melbourne, Victoria (*Massey-Harris Company, Limited*), "Improvements in Spring Tooth Cultivators."—Dated 19th June, 1901.

Specification, 16s. Drawings on application.

MALCOLM A. C. FRASER,
Registrar of Patents.

Patent Office, Perth,
2nd August, 1901.

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. 31, 2nd August, 1901.*

Application No. 3115.—EDWIN PHILLIPS, of 533 Collins Street, Melbourne, Victoria, Certified Patent Agent and Engineer (*Luther Look*), "An Ore Concentrator."—Dated 28th September, 1900.

Specification, £2. Drawings on application.

Application No. 3416.—GEORGE WESTINGHOUSE, of Pittsburg, Pennsylvania, United States of America, Manufacturer, "Improvements in Car Couplings."—Dated 4th June, 1901.

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

Application No. 3418.—JAMES GRESHAM and FRANK JAMES GRESHAM, both of Craven Iron Works, Salford, Lancaster, England, Engineers, "Improvements in or applicable to Injectors."—Dated 5th June, 1901.

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

Application No. 3420.—FRANK AMBROSE MOSS, of Kalgoorlie, Western Australia, Engineer, "The Swanson Filter Press and Cyanide Cock."—Dated 10th June, 1901.

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

Application No. 3421.—JAMES HENRY SHAW, Photographer, of Moore Street, Bunbury, Western Australia, "*An invention for reducing Auriferous, Stanniferous, and other Wash-dirts, to be termed 'The Perfect Puddler.'*"—Dated 10th June, 1901.

Specification, 4s. Drawings on application.

Application No. 3422.—GEORGE GARIBALDI TURRI, of Queen Street, Melbourne, Victoria, Patent Agent (*The Cosmopolitan Power Company*), "*Improvements in the art of Condensing Steam or Cooling Fluids.*"—Dated 10th June, 1901.

Specification, 8s. Drawings on application.

Application No. 3426.—EDWARD WATERS, junior, of 414-418 Collins Street, Melbourne, Victoria (*The Linotype Company, Limited*), "*Improvements in Linotype Machines.*"—Dated 11th June, 1901.

Specification, £1 17s. 6d. Drawings on application.

Application No. 3427.—PEDRO VICTOR SAN MARTIN, Chemist; GREGORIO SOLDANI, Merchant, and LORENZO BEVERLEY TRANT, Merchant, all of 253 Calle San Martin, Buenos Aires, Argentine Republic, "*Improved process for Tanning.*"—Dated 11th June, 1901.

Specification, 3s.

MALCOLM A. C. FRASER,
Registrar of Patents.

Notice of Application for Amendment.

[N.B.—The paging referred to is that of the proposed Amended Specification.]

IN the matter of Application for Letters Patent No. 3222, dated 8th December, 1900, by JOHN JAMES CHRISTMAS, of Perth, Western Australia, Mining Agent, for an invention for "*An improved Concentrating and Gold-saving Table.*"

Notice is hereby given that the above JOHN JAMES CHRISTMAS has applied for leave to amend the complete Specification and drawings of his invention, alleging as his reason for so doing, "*in order to more fully and accurately explain the exact nature of my invention and its essential features.*"

The amendments proposed are as follows, viz. [Reference being had to amended copy of Specification and drawings, lodged in Patent Office, Perth] :—

Strike out the whole of page 1.

Page 2.

Strike out lines 1 to 5, and insert the words :—"*This invention relates to the construction and arrangement of an improved table which has for its object the exhaustive concentration of all classes of ore, slimes, tailings, and other finely-divided material, so as to win the gold particles contained therein or other valuable metallic concentrates.*"

Strike out the balance of page 2.

Pages 3 and 4.

Insert the following :—"*In order that my invention may be clearly and accurately understood, I will refer to the accompanying drawings which illustrate the construction of same.*"

In these drawings :—

Figure 1 shows a portion of the table in longitudinal section, and with the travelling brush.

Figure 2 being a similar view showing the detachable ripple constructed of wood in lieu of composition.

Figure 3 is a transverse view of the table mounted on its frame; while

Figure 4 is a top plan of same.

In these drawings the arrows in full denote the incline of the table, and the consequent flow of the wash water, and the stuff under treatment, while the broken arrows show the direction of the travelling brush, and of the consequent removal of the concentrates.

A represents the corrugated table which is formed with the crests or ripples as A1 and the troughs or depressions as A2 and such table is placed at the approved incline and provided with the head or feed apron as A3 and on to which the stuff to be concentrated is delivered. On and along this table I place or bed down a blanket, canvas or analogous material as B in such a manner as to closely follow the contour of the table A and as clearly shown in Figures 1 and 2 by dotted lines. In the troughs A2 of the table I employ a certain composition formed approximately of seven parts resin and one part of fat or oil. This composition is poured on when hot and thereby forms the additional ripples of the shape as shown in Figure 1 by the letter C or approximating thereto. This composition adheres to the blanket as B and at its conjunction on either side forms the traps C1 in which the gold and concentrates are collected, and which concentrates are denoted in Figures 1 and 2 by small dots.

In lieu of this composition for forming the additional ripple and traps I may employ a wood ripple as D if the section shown in Figure 2, and which ripple is secured in a detachable manner to the main table A by means of the screw D2.

The table is provided with a longitudinal carry-away gutter as E into which the concentrates are swept as they accumulate in the traps C1, while on the opposite side of the table is formed the piece E1 for to give an easy lead to the brush. To effect such removal I employ the brush F which travels in a direction transversely to that of the lie of the table. This brush is connected to the belts F1, which latter travel over the wheels F2 on the running shafts F3 as mounted on the brackets shown in Figure 3. These wheels being driven by the pulleys F4 in usual manner.

It is obvious that I may attach two or more brushes to these travelling belts so as to effect a more constant

Page 5.

Insert the following :—removal of the concentrates as the amount of accumulation of the concentrates in the traps is controlled and determined either by the speed of the travel of the brush or the number of the brushes employed.

The mode of operation of the invention is apparent and easily followed by a perusal of this specification in conjunction with the attached drawings.

Strike out lines 8-22.

Insert the following :—

Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed I declare that what I claim is :—

Page 6.

Insert the following :—

1. In combination with a concentrating table, additional ripple pieces formed of a peculiar composition substantially as herein set forth and described and as illustrated in Figure 1 of the accompanying drawings.

2. In combination with a concentrating table, a brush or brushes which travels or travel transversely across such table for the removal of the concentrates substantially as herein set forth and described and as illustrated in Figures 1, 3, and 4 of the attached drawings.

3. In combination with a concentrating table :—Additional ripple pieces made of wood and which ripples are secured to the main table, but in a detachable and replaceable manner, substantially as herein set forth and described and as illustrated in Figure 2 of the attached drawings.

4. The construction of an improved gold saving table covered with blanketing and provided with additional ripple pieces made of a peculiar composition or of wood and with a carry away gutter in combination with a travelling brush or travelling brushes for the removal of the concentrates substantially as herein set forth and described and as illustrated in the accompanying drawings.

Any person or persons intending to oppose the said application for amendment must leave particulars, in writing (on Form G.) of his or their objections thereto, within one calendar month from the date hereof. A fee of ten shillings (10s.) is payable with such notice.

Dated this 6th day of September, 1901.

MALCOLM A. C. FRASER,
Registrar of Patents.

Applications for Patents.

AUGUST 31ST—SEPTEMBER 14TH.

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

No.	Date.	Name.	Address.	Title.
*3519	3rd Sept., 1901	Woodward, F.	Melbourne, Vic. ...	Improved means for securing straps to buckles.
*3520	3rd Sept., 1901	Sparrow, R., and Jensen, N. F.	Melbourne, Vic. ...	An improved hub brake for cycles, automobiles, and other road vehicles.
*3521	3rd Sept., 1901	King, J.	Perth, W.A. ...	A new method of and apparatus for grading and cleansing chaff, and enriching it with grain or cereals, either crushed or whole.
*3522	3rd Sept., 1901	Holden, T.	Hunterville, N.Z....	Improved means for securing fencing droppers to the wires of the fence.
3523	3rd Sept., 1901	Schofield, J.	Footscray, Vic. ...	Hydraulic apparatus for the separation and recovery of metals and minerals from their ores.
3524	3rd Sept., 1901	Hopson, J., and Priest, H. H.	Brisbane, Q. ...	Improvements in hand signal lamps.
*3525	5th Sept., 1901	Gibbins, W. G.	Leytonstone, Eng.	Improvements in washing machines.
3526	5th Sept., 1901	Cereal Sugar Co. (Assignee of W. R. Long)	St. Louis, U.S.A. ...	Improvements in and relating to process and apparatus for refining grape sugar.
3527	5th Sept., 1901	Sparrow R. (<i>W. Chapman</i>) ...	Perth, W.A. ...	Improvements in supporting conductors in conduit systems of electric railways.
3528	5th Sept., 1901	Agglament, Ltd. (Assignee of H. C. B. Forester and J. A. A. Yeo)	Swansea, Wales ...	Improvements in or relating to the manufacture of artificial fuel and apparatus therefor.
3529	6th Sept., 1901	Shaw, J. W.	Perth, W.A. ...	Improvements in railway interlocking signals.
3530	7th Sept., 1901	Brake, A.	London, England ...	Improvements in apparatus for drawing off liquids.
3531	10th Sept., 1901	Carmichael, A. D., and Bradford, L.	Broken Hill, N.S.W.	Improvements in the desulphurising of sulphide ores preparatory to smelting.
*3532	11th Sept., 1901	Arthur, R. B.	Ballarat, Victoria	An improved process for preserving leather and similar substances from mineralised waters.
3533	11th Sept., 1901	Taylor, G. A., & McLeod, W. (Assignee of G. A. Taylor and A. Knox)	Sydney, N.S.W. ...	An improved fibrous plaster.
3534	11th Sept., 1901	Hoskins, G. J. & C. H. ...	Sydney, N.S.W. ...	Improved apparatus for making cores for cylindrical castings.
3535	11th Sept., 1901	Mozart, H. S.	Gawler, S.A. ...	An improved generator for the production of acetylene gas.
3536	11th Sept., 1901	Passow, Dr. H.	Hamburg, Germany	Improvements in the manufacture of cement.
3537	11th Sept., 1901	Elmore, A. S.	London, England ...	Improvements in the process and apparatus for separating mineral substances by the selective action of oil.
3538	11th Sept., 1901	Atlantic Acetylene Burner Co. (Assignee of J. Harris)	Jersey, U.S.A. ...	Improvements in gas-burners.
3539	11th Sept., 1901	Rayfield, J. W.	Menzies, W.A. ...	Improved tap for filter presses.
3540	11th Sept., 1901	Burt, W. S.	Albury, N.S.W. ...	Means for cleaning a vessel's hull.
3541	11th Sept., 1901	Lion, M. L., & Cowburn, T. ...	London and Gloucester, England	Improvements in the manufacture of boots and shoes, and fastenings and apparatus therefor.

Provisional Specifications.

Patent Office, Perth, 20th September, 1901.

APPLICATIONS for Letters Patent, accompanied by Provisional Specifications, which have been accepted from the 31st August to the 14th September, 1901:—

Application No. 3486.—ROCH ALEXANDRE EMILE GOUGET, of Forrest Street, Cottesloe, Western Australia, Engineer, "The 'Gouget' self-acting endless Path, for use with Automobiles and all other Vehicles, and Improvements connected with same."—Dated 1st August, 1901.

Application No. 3488.—CHARLES EMMANUEL MAY, of Moore Street, St. Kilda, Victoria, Commercial Traveller, "An Improved Automatic Fastening for 'Made' Neck-ties."—Dated 5th August, 1901.

MALCOLM A. C. FRASER,
Registrar of Patents.

Index of Applicants for Patents.

AUGUST 31ST—SEPTEMBER 14TH.

Name.	Title.	No.	Date.
Agglomment, Limited (Assignee of H. C. B. Forester and J. A. A. Yeo)	Improvements in or relating to the manufacture of artificial fuel, and apparatus therefor	3528	5th Sept., 1901
Arthur, R. B.	An improved process for preserving leather and similar substances from mineralised waters	3532	11th Sept., 1901
Atlantic Acetylene Burner Co. (Assignee of J. Harris)	Improvements in gas burners	3538	11th Sept., 1901
Bradford, L., and Carmichael, A. D.	<i>Vide</i> Carmichael, A. D., and Bradford, L.	3531	10th Sept., 1901
Brake, A.	Improvements in apparatus for drawing off liquids ...	3530	7th Sept., 1901
Burt, W. S.	Means for cleaning a vessel's hull	3540	11th Sept., 1901
Carmichael, A. D., and Bradford, L.	Improvements in the desulphurising of sulphide ores preparatory to smelting	3531	10th Sept., 1901
Cereal Sugar Co. (Assignee of W. R. Long)	Improvements in and relating to process and apparatus for refining grape sugar	3526	5th Sept., 1901
Chapman, W.	<i>Vide</i> Sparrow, R.	3527	5th Sept., 1901
Cowburn, T., and Lion, M. L.	<i>Vide</i> Lion, M. L., and Cowburn, T.	3541	11th Sept., 1901
Elmore, A. S.	Improvements in the process and apparatus for separating mineral substances by the selective action of oil	3537	11th Sept., 1901
Forester, H. C. B.	<i>Vide</i> Agglomment, Ltd.	3528	5th Sept., 1901
Gibbins, W. G.	Improvements in Washing Machines	3525	5th Sept., 1901
Harris, J.	<i>Vide</i> Atlantic Acetylene Burner Co.	3538	11th Sept., 1901
Holden, T.	Improved means for securing fencing droppers to the wires of the fence	3522	3rd Sept., 1901
Hopson, J., and Priest, H. H.	Improvements in hand signal lamps	3524	3rd Sept., 1901
Hoskins, G. J. & C. H.	Improved apparatus for making cores for cylindrical castings	3534	11th Sept., 1901
Jensen, N. F., and Sparrow, R.	<i>Vide</i> Sparrow, R., and Jensen, N. F.	3520	3rd Sept., 1901
King, J.	A new method of and apparatus for grading and cleansing chaff, and enriching it with grain or cereals, either crushed or whole	3521	3rd Sept., 1901
Knox, A.	<i>Vide</i> Taylor, G. A., and Macleod, W.	3533	11th Sept., 1901
Lion, M. L., and Cowburn, T.	Improvements in the manufacture of boots and shoes, and fastenings and apparatus therefor	3541	11th Sept., 1901
Long, W. R.	<i>Vide</i> Cereal Sugar Co.	3526	5th Sept., 1901
Macleod, W., and Taylor, G. A.	<i>Vide</i> Taylor, G. A., and Macleod, W.	3533	11th Sept., 1901
Mozart, H. S.	An improved generator for the production of acetylene gas	3535	11th Sept., 1901
Passow, D. H.	Improvements in the manufacture of cement	3536	11th Sept., 1901
Priest, H. H., and Hopson, J.	<i>Vide</i> Hopson, J., and Priest, H. H.	3524	3rd Sept., 1901
Rayfield, J. W.	Improved tap for filter presses	3539	11th Sept., 1901
Schofield, J.	Hydraulic apparatus for the separation and recovery of metals and minerals from their ores	3523	3rd Sept., 1901
Shaw, J. W.	Improvements in railway interlocking signals	3529	6th Sept., 1901
Sparrow, R. (<i>W. Chapman</i>)	Improvements in supporting conductors in conduit systems of electric railways	3527	5th Sept., 1901
Sparrow, R., and Jensen, N. F.	An improved hub brake for cycles, automobiles, and other road vehicles	3520	3rd Sept., 1901
Taylor, G. A., and Macleod, W. (Assignees of G. A. Taylor and A. Knox)	An improved fibrous plaster	3533	11th Sept., 1901
Woodward, F.	Improved means for securing straps to buckles	3519	3rd Sept., 1901
Yeo, J. A. A.	<i>Vide</i> Agglomment, Ltd.	3528	5th Sept., 1901

Index to Subjects of Patent Applications.

AUGUST 31ST—SEPTEMBER 14TH.

Title.	Name.	No.	Date.
Acetylene gas	Mozart, H. S.	3535	11th Sept., 1901
Boots	Lion, M. L., and Cowburn, T.	3541	11th Sept., 1901
Brake	Sparrow, R., and Jensen, N. F.	3520	3rd Sept., 1901
Buckles	Woodward, F.	3519	3rd Sept., 1901
Burners (gas)	Atlantic Acetylene Burner Co.	3538	11th Sept., 1901
Castings (cylindrical)	<i>Vide Cores</i>	3534	11th Sept., 1901
Cement	Passow, Dr. H.	3536	11th Sept., 1901
Chaff	<i>Vide Grading Chaff, etc.</i>	3521	3rd Sept., 1901
Cleaning Vessel's Hull	Burt, W. S.	3540	11th Sept., 1901
Cores	Hoskins, G. J. and C. H.	3534	11th Sept., 1901
Drawing off Liquids	Brake, A.	3530	7th Sept., 1901
Droppers	<i>Vide Fencing Droppers</i>	3522	3rd Sept., 1901
Fencing Droppers	Holden, T.	3522	3rd Sept., 1901
Filter Presses	<i>Vide Tap</i>	3539	11th Sept., 1901
Fuel	Agglament, Limited	3528	5th Sept., 1901
Gas	<i>Vide Acetylene Gas</i>	3535	11th Sept., 1901
Grading Chaff, etc.	King, J.	3521	3rd Sept., 1901
Lamps	Hopson, J., and Priest, H. H.	3524	3rd Sept., 1901
Metals	Schofield, J.	3523	3rd Sept., 1901
Ores	<i>Vide Metals</i>	3523	3rd Sept., 1901
Ores (sulphide)	Carmichael, A. D., and Bradford, L.	3531	10th Sept., 1901
Plaster (fibrous)	Taylor, G. A., and Macleod, W.	3533	11th Sept., 1901
Preserving Leather	Arthur, R. B.	3532	11th Sept., 1901
Railways (electric)	Sparrow, R.	3527	5th Sept., 1901
Refining Sugar	Cereal Sugar Co.	3526	5th Sept., 1901
Separating Substances	Elmore, A. S.	3537	11th Sept., 1901
Shoes	<i>Vide Boots</i>	3541	11th Sept., 1901
Signal Lamps	<i>Vide Lamps</i>	3524	3rd Sept., 1901
Signals (railway)	Shaw, J. W.	3529	6th Sept., 1901
Straps	<i>Vide Buckles</i>	3519	3rd Sept., 1901
Sugar	<i>Vide Refining Sugar</i>	3526	5th Sept., 1901
Tap	Rayfield, J. W.	3539	11th Sept., 1901
Washing Machines	Gibbins, W. G.	3525	5th Sept., 1901

Index of Patentees.

AUGUST 31ST—SEPTEMBER 14TH.

Name.	Title.	No.	Date.	Gazette.		
				Date.	No.	Page.
Ambrose, R. L.	<i>Vide Rand Drill Co.</i>	3105	22nd Sept., 1900	5th July, 1901	27	2666
Perky, H. D.	Improvements in and relating to machines for making biscuits and other articles	3331	11th Mar., 1901	19th April, 1901	16	1524
Rand Drill Co. (assignee of R. L. Ambrose)	Improvements in rock drills	3105	22nd Sept., 1900	5th July, 1901	27	2666
Rosser, A. G.	An improved lock nut	3356	4th April, 1901	5th July, 1901	27	2666
Sturtzel, G.	An improved totalisating machine	3108	25th Sept., 1900	5th July, 1901	27	2666
Tuck, B. H.	A device for automatically throwing windmills in and out of gear as reservoir fills or as water recedes in reservoir	2922	7th April, 1900	12th July, 1901	28	2760
Ward, C. H.	An improved process of and furnace for chloridising or for drying or roasting ores or other metalliferous materials, and for volatilising and separating their constituents	3065	22nd Aug., 1900	5th July, 1901	27	2665
Wesley, J. A. B.	Improvements in concentrating tables	3100	18th Sept., 1900	5th July, 1901	27	2665

Index of Subjects of Patents Granted.

AUGUST 31ST—SEPTEMBER 14TH.

Title.	Name.	No.	Date.	Gazette.		
				Date.	No.	Page.
Biscuits	Perky, H. D.	3331	11th Mar., 1901	19th April, 1901	16	1524
Concentrating Tables	Wesley, J. A. B.	3100	18th Sept., 1900	5th July, 1901	27	2665
Drills	<i>Vide Rock Drills</i>	3105	22nd Sept., 1900	5th July, 1901	27	2666
Furnace	Ward, C. H.	3065	22nd Aug., 1900	5th July, 1901	27	2665
Lock Nut	Rosser, A. G.	3356	4th April, 1901	5th July, 1901	27	2666
Nut	<i>Vide Lock Nut</i>	3356	4th April, 1901	5th July, 1901	27	2666
Ores	<i>Vide Furnace</i>	3065	22nd Aug., 1900	5th July, 1901	27	2665
Rock Drills	Rand Drill Co.	3105	22nd Sept., 1900	5th July, 1901	27	2666
Totalisator	Sturtzel, G.	3108	25th Sept., 1900	5th July, 1901	27	2666
Windmills	Tuck, B. H.	2922	7th April, 1900	12th July, 1901	28	2760

Renewal Fees paid on Patents from the 7th to the 14th September, 1901.

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

No. 574.—W. Troutbeck.

Trade Marks.

Patent Office, Trade Marks Branch,
Perth, 20th September, 1901.

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.

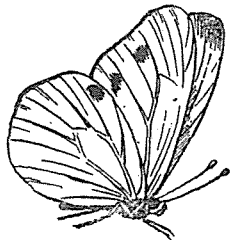
A fee of £1 is payable with such notice.

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.

MALCOLM A. C. FRASER.

Registrar of Designs and Trade Marks.

Application No. 2137, dated 18th March, 1901.—HERBERT NORMAN BROCK, of 16-30 Provost Street, City Road, London, England, Manufacturer, to register in Class 38, in respect of Ladies' Wearing Apparel, a Trade Mark, of which the following is a representation:—



This Mark was first advertised in the Western Australian Government Gazette of 26th July, 1901—*vide* notice at head of Trade Mark advertisements.

Application No. 2168, dated 25th April, 1901.—WILLIAM CHARLES GREENSLADE, Wholesale Tobacconist, Kalgoorlie, Western Australia, to register in Class 45, in respect of Tobacco, whether manufactured or unmanufactured, a Trade Mark, of which the following is a representation:—

VIRGINANS.

No claim is made to the exclusive use of the word "Virginia."

This Mark was first advertised in the Western Australian Government Gazette of the 26th July, 1901—*vide* notice at head of Trade Mark advertisements.

Application No. 1931, dated 7th June, 1900.—WILLIAM BERRY, of Diamond Oil Blacking Works, Rochdale Road, Manchester, England, Blacking Manufacturer, to register in Class 50, s.s. 6, in respect of Blacking and Boot Polish, a Trade Mark, of which the following is a representation:—

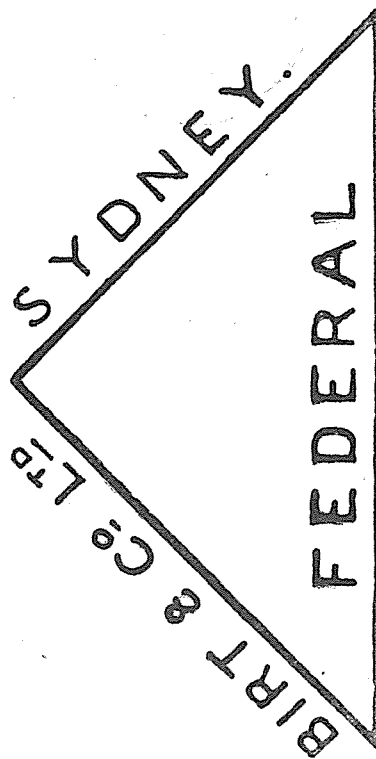
**W. BERRY'S
DIAMOND**



The essential particular of this Trade Mark consists of the word "Diamond," and I disclaim any right to the exclusive use of the added matter, except in so far as it consists of my name.

This Mark was first advertised in the Western Australian Government Gazette of 9th August, 1901—*vide* notice at head of Trade Mark advertisements.

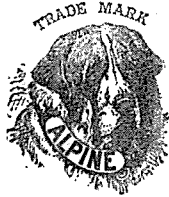
Applications Nos. 2230-1-2, dated 2nd July, 1901.—BIRT & COMPANY, LIMITED, of 7 Macquarie Place, Sydney, in the State of New South Wales, Merchants. Application No. 2230 to register in Class 4, in respect of Wool and Tallow; Application No. 2231, to register in Class 37, in respect of Hides and Skins; and Application No. 2232, to register in Class 42, to register in respect of Fresh, Frozen, and Chilled Meats and Butter, a Trade Mark, of which the following is a representation:—



The essential particular of this Trade Mark consists of the word "Federal," and applicant Company disclaims any right to the exclusive use of the added matter, except in so far as it consists of its own name and address.

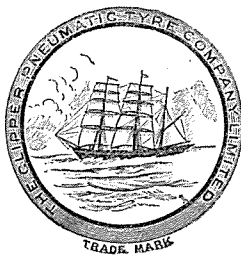
This Mark was first advertised in the Western Australian *Government Gazette* of the 9th August, 1901—*vide* notice at head of Trade Mark advertisements.

Application No. 2241, dated 27th July, 1901.—STAPLEY AND SMITH, of 128 London Wall, London E.C., Manufacturers of Ladies' and Children's Clothing and Undergarments, 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 9th August, 1901—*vide* notice at head of Trade Mark advertisements.

Application No. 2242, dated 27th July, 1901.—THE CLIPPER PNEUMATIC TYRE COMPANY, LIMITED, of Lichfield Street, Aston Cross, Birmingham, England, Manufacturers, to register in Class 40, in respect of India rubber Tyres for Cycles and for other Vehicles, a Trade Mark, of which the following is a representation :—



The essential particulars of the Trade Mark are the representation of a clipper ship at sea, combined with the representation of a pneumatic tyre and the name of the Applicants.

This Mark was first advertised in the Western Australian *Government Gazette* of 9th August, 1901—*vide* notice at head of Trade Mark advertisements.

Application No. 2243 and 2244, dated 27th July, 1901.—WILLIAM GOSSAGE & SONS, LIMITED, of Widnes, Lancashire, England, Soap Manufacturers. Application No. 2243, to register in Class 47, in respect of Candles, Common Soap, Detergents, Illuminating, Heating, or Lubricating Oils, Matches, and Starch, Blue, and other preparations for Laundry purposes; Application No. 2244, to register in Class 48, in respect of Perfumery (including toilet articles, preparations for the teeth and hair and perfumed soap), a Trade Mark, of which the following is a representation :—

PAYMASTER

This Mark was first advertised in the Western Australian *Government Gazette* of 9th August, 1901—*vide* notice at head of Trade Mark advertisements.

Application No. 2248, dated 2nd August, 1901.—ARTHUR WILLIAM BERRYMAN, of 189 Murray Street, Perth, Western Australia, Boot Manufacturer, to register in Class 38, in respect of Boots and Shoes, a Trade Mark, of which the following is a representation :—

KANGOWALLA.

This Mark was first advertised in the Western Australian *Government Gazette* of 16th August, 1901—*vide* notice at head of Trade Mark advertisements.

Application No. 2250, dated 5th August, 1901.—The persons trading together under the name and style of "Marshall & Co.," of Degraes Building, Degraes Street, Melbourne, in the State of Victoria, Commonwealth of Australia, Boot and Shoe Manufacturers and Importers, to register in Class 38, in respect of Boots and Shoes, a Trade Mark, of which the following is a representation :—



This Mark was first advertised in the Western Australian *Government Gazette* of 16th August, 1901—*vide* notice at head of Trade Mark advertisements.

Application No. 2253, dated 5th August, 1901.—CALIFORNIA FIG SYRUP Co., 398 Church Street, San Francisco, California, U.S.A., 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 :—

CALIFIG

This Mark was first advertised in the Western Australian *Government Gazette* of 16th August, 1901—*vide* notice at head of Trade Mark advertisements.

Application Nos. 2148 and 2149, dated 28th March, 1901.—THE WEST AUSTRALIAN APOTHECARIES COMPANY, LIMITED, of Perth, Western Australia. Application No. 2148, to register in Class 48 in respect of Washes and Preparations for the hair; and Application No. 2149, 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:—

THE ARABIAN

HAIR RENEWER

For Restoring Grey Hair to its Natural Color without dyeing it, and renewing or Causing the Hair
to grow on Bald Spots.

It Removes Dandruff, and Prevents the Hair Falling Out—rendering it Beautifully Soft, Glossy, and Luxuriant.



It will not dye
the skin
or stain linen.







It will not dye
the skin
or stain linen.



Directions for Use.—Hold the bottle cork downwards and shake well; pour a little into a saucer, and apply it briskly with a small piece of sponge to the bald spots; wet all the grey hairs thoroughly, rubbing well in at the roots, every morning for a few weeks—after which an occasional application only is required.

PREPARED BY THE
West Australian Apothecaries Co.,
 PERTH AND KALGOORLIE.

The above Mark has been used by the applicant Company and its predecessors in business in respect of the goods mentioned since before 1885.

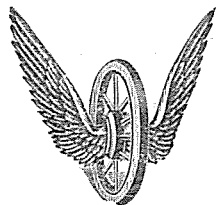
This Mark was first advertised in the Western Australian Government Gazette of 23rd August, 1901—vide notice at head of Trade Mark advertisements.

Application No. 2247, dated 2nd August, 1901.—ENGELBERT & Co., of Murray Street, Perth, Western Australia, to register in Class 45, in respect of Tobacco, Cigars and Cigarettes, a Trade Mark, of which the following is a representation:—

CROWN.

This Mark was first advertised in the Western Australian Government Gazette of 23rd August, 1901—vide notice at head of Trade Mark advertisements.

Application No. 2254, dated 9th August, 1901.—SALMON & GLUCKSTEIN, LIMITED, Merchants, Clarence Works, St. Luke's, London, E.C., to register in Class 45, in respect of Tobacco, manufactured or unmanufactured, a Trade Mark, of which the following is a representation:—



WINGED WHEEL.

This Mark was first advertised in the Western Australian Government Gazette of 23rd August, 1901—vide notice at head of Trade Mark advertisements.

Application No. 2255, dated 13th August, 1901.—ESTHER ABRAHAMS, of Elizabeth Street, Melbourne, Victoria, Cycle Agent, to register in Class 50, s.s. 10, in respect of goods not included in other classes, a Trade Mark, of which the following is a representation:—



The essential particular of the above Mark consists of the combination of devices, and the applicant disclaims any right to the exclusive use of the added matter.

This Mark was first advertised in the Western Australian Government Gazette of 23rd August, 1901—vide notice at head of Trade Mark advertisements.

Application No. 2110, dated 30th January, 1901.—HAVANA COMMERCIAL COMPANY, of 102 Galiano Street, Havana, in the Isle of Cuba, and of 135 Broadway, New York, in the United States of America, Cigar Manufac-

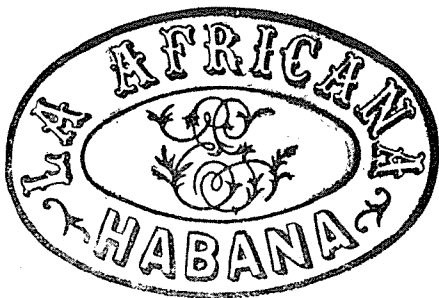
turers, to register in Class 45, in respect of Cigars and Cognate Substances and Articles, a Trade Mark, of which the following is a representation:—



The above Trade Mark has been used by the applicant Company and its predecessors in business in respect of the articles mentioned prior to the 1st day of January, 1885.

This Mark was first advertised in the Western Australian Government Gazette of 30th August, 1901—*vide* notice at head of Trade Mark advertisements.

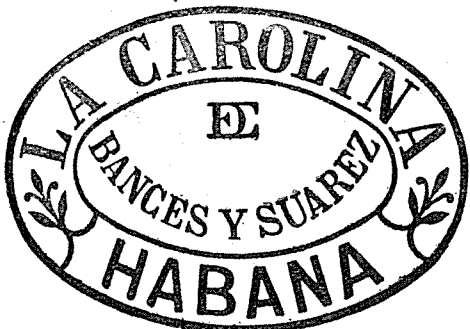
Application No. 2111, dated 30th January, 1901.—HAVANA COMMERCIAL COMPANY, of 102 Galiano Street, Havana, in the Isle of Cuba, and of 135 Broadway, New York, in the United States of America, Cigar Manufacturers, to register in Class 45, in respect of Cigars and Cognate Substances and Articles, a Trade Mark, of which the following is a representation:—



The above Trade Mark has been used by the applicant Company and its predecessors in business in respect of the articles mentioned prior to the 1st day of January, 1885.

This Mark was first advertised in the Western Australian Government Gazette of the 30th August, 1901—*vide* notice at head of Trade Mark advertisements.

Application No. 2112, dated 30th January, 1901.—HAVANA COMMERCIAL COMPANY, of 102 Galiano Street, Havana, in the Isle of Cuba, and of 135 Broadway, New York, in the United States of America, Cigar Manufacturers, to register in Class 45, in respect of Cigars and Cognate Substances and Articles, a Trade Mark, of which the following is a representation:—



The above Trade Mark has been used by the applicant Company and its predecessors in business in respect of the articles mentioned prior to the 1st day of January, 1885.

This Mark was first advertised in the Western Australian Government Gazette of 30th August, 1901, *vide* notice at head of Trade Mark advertisements.

Application No. 2113, dated 30th January, 1901.—HAVANA COMMERCIAL COMPANY, of 102 Galiano Street, Havana, in the Isle of Cuba, and of 135 Broadway, New York, in the United States of America, Cigar Manufacturers, to register in Class 45, in respect of Cigars and Cognate Substances and Articles, a Trade Mark, of which the following is a representation:—



The above Trade Mark has been used by the applicant Company and its predecessors in business in respect of the articles mentioned prior to the 1st day of January, 1885.

This Mark was first advertised in the Western Australian Government Gazette of 30th August, 1900—*vide* notice at head of Trade Mark advertisements.

Application No. 2114, dated 30th January, 1901.—HAVANA COMMERCIAL COMPANY, of 102 Galiano Street, Havana, in the Isle of Cuba, and of 135 Broadway, New York, in the United States of America, Cigar Manufacturers, to register in Class 45, in respect of Cigars and Cognate Substances and Articles, a Trade Mark, of which the following is a representation:—



The above Trade Mark has been used by the applicant Company and its predecessors in business in respect of the articles mentioned prior to the 1st day of January, 1885.

This Mark was first advertised in the Western Australian Government Gazette of 30th August, 1901—*vide* notice at head of Trade Marks advertisements.

Application No. 2116, dated 30th January, 1901.—HAVANA COMMERCIAL COMPANY, of 102 Galiano Street, Havana, in the Isle of Cuba, and of 135 Broadway, New York, in the United States of America, Cigar Manufacturers, to register in Class 45, in respect of Cigars and Cognate Substances and Articles, a Trade Mark, of which the following is a representation:—



The above Trade Mark has been used by the applicant Company and its predecessors in business, in respect of the articles mentioned, prior to the 1st day of January, 1885.

This Mark was first advertised in the Western Australian Government Gazette of 30th August, 1901—*vide* notice at head of Trade Mark advertisements.

Application No. 2117, dated 30th January, 1901.—HAVANA COMMERCIAL COMPANY, of 102 Galiano Street, Havana, in the Isle of Cuba, and of 135 Broadway, New York, in the United States of America, Cigar Manufacturers, to register in Class 45, in respect of Cigars and Cognate Substances and Articles, a Trade Mark, of which the following is a representation :—



The above Trade Mark has been used by the applicant Company and its predecessors in business in respect of the articles mentioned prior to the 1st day of January, 1885.

This Mark was first advertised in the Western Australian Government Gazette of the 30th August, 1901—vide notice at head of Trade Mark advertisements.

Application No. 2118, dated 30th January, 1901.—HAVANA COMMERCIAL COMPANY, of 102 Galiano Street, Havana, in the Isle of Cuba, and of 135 Broadway, New York, in the United States of America, Cigar Manufacturers, to register in Class 45, in respect of Cigars and Cognate Substances and Articles, a Trade Mark, of which the following is a representation .—

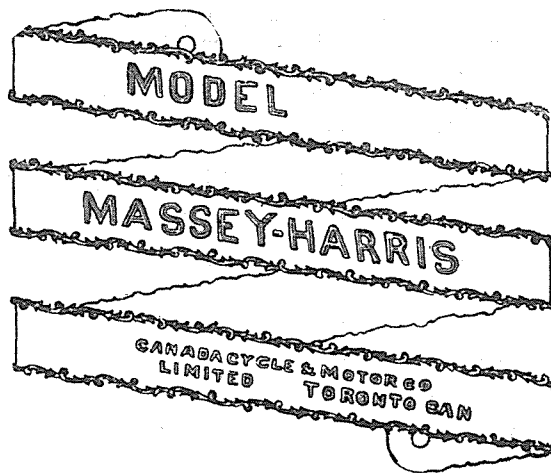


The above Trade Mark has been used by the applicant Company and its predecessors in business in respect of the articles mentioned prior to the first day of January, 1885.

This Mark was first advertised in the Western Australian Government Gazette of 30th August, 1901—vide notice at head of Trade Mark advertisements.

Application No. 2216, dated 17th June, 1901.—CANADA CYCLE AND MOTOR COMPANY, LIMITED, of Hay Street,

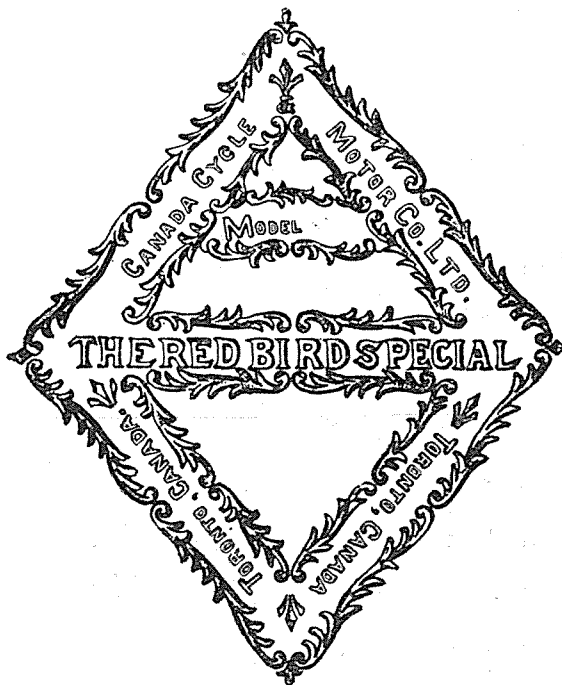
Perth, Western Australia, to register in Class 22, in respect of Bicycles, a Trade Mark, of which the following is a representation :—



The essential particular of the above Mark consists of the scroll device, and the applicant Company disclaims any right to the exclusive use of the added matter, save and except the name "Massey-Harris," and its trading name and address.

This Mark was first advertised in the Western Australian Government Gazette of 30th August, 1901—vide notice at head of Trade Mark advertisements.

Application No. 2217, dated 17th June, 1901.—CANADA CYCLE AND MOTOR COMPANY, LIMITED, of Hay Street, Perth, Western Australia, to register in Class 22, in respect of Bicycles, a Trade Mark, of which the following is a representation :—



The essential particulars of the above Mark consist of the device and the words "Red Bird," and the applicant Company disclaims any right to the exclusive use of the added matter, save and except its trading name and address.

This Mark was first advertised in the Western Australian Government Gazette of 30th August, 1901—vide notice at head of Trade Mark advertisements.

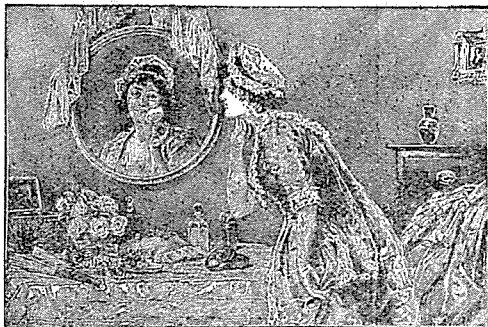
Application No. 2261, dated 19th August, 1901.—The AMERICAN TOBACCO COMPANY, of No. 111 Fifth Avenue, in the City of New York, State of New York, one of the United States of America, to register, in Class 45, in respect of Tobacco, Cigarettes, and Cigars, a Trade Mark, of which the following is a representation :—



The essential particular of the Trade Mark is the distinctive label.

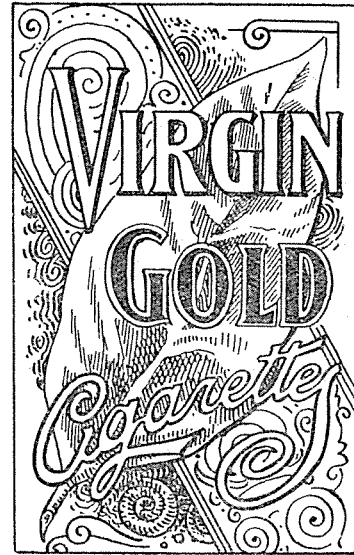
This Mark was first advertised in the Western Australian Government Gazette of 30th August, 1901—*vide* notice at head of Trade Mark advertisements.

Application No. 2262, dated 19th August, 1901.—A. & F. PEARS, Limited, of No. 71 to 75 New Oxford Street, London, W.C., England, and at Isleworth, in Middlesex, in England aforesaid, Soapmakers and Perfumers, to register in Class 48, in respect of Perfumery (including Toilet Articles, Preparations for the Teeth and Hair, and Perfumed Soap), a Trade Mark, of which the following is a representation :—



This Mark was first advertised in the Western Australian Government Gazette of 30th August, 1901—*vide* notice at head of Trade Mark advertisements.

Application No. 2226, dated 28th June, 1901.—HUGH ROBERT DIXSON, trading as "Robert Dixson & Co.," of Fremantle, West Australia, to register in Class 45, in respect of Tobacco, Cigars, and Cigarettes, a Trade Mark, of which the following is a representation :—



The essential particulars of the above Trade Mark consist of the combination of devices, and the words "Virgin Gold."

This Mark was first advertised in the Western Australian Government Gazette of 6th September, 1901—*vide* notice at head of Trade Mark advertisements.

Application No. 2264, dated 19th August, 1901.—HUGH ROBERT DIXSON, trading as "Robert Dixson & Co.," of Fremantle, West Australia, to register in Class 45, in respect of Tobacco, Cigars, and Cigarettes, a Trade Mark, of which the following is a representation :—

VIRGIN GOLD.

This Mark was first advertised in the Western Australian Government Gazette of the 6th September, 1901—*vide* notice at head of Trade Mark advertisements.

Application No. 2265, dated 20th August, 1901.—THE STANDARD PAINT COMPANY, of 100 William Street, New York, United States of America, to register in Class 1, in respect of Insulating Paints, and Compounds and Fabrics impregnated therewith, a Trade Mark, of which the following is a representation :—

RUBERINE.

This Mark was first advertised in the Western Australian Government Gazette of the 6th September, 1901—*vide* notice at head of Trade Mark advertisements.

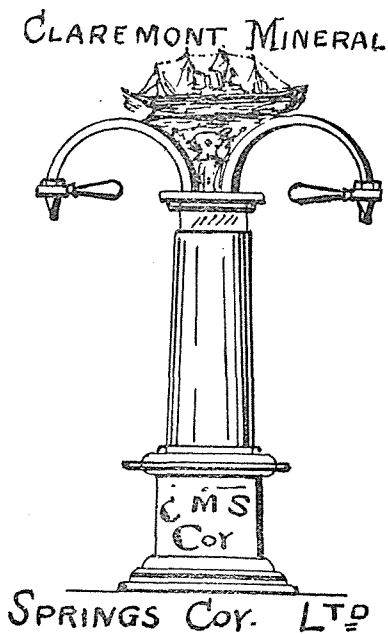
Application No. 2266, dated 20th August, 1901.—THE STANDARD PAINT COMPANY, of 100 William Street, New York, United States of America, to register in Class 17, in

respect of Waterproof Compositions and Fabrics useful for wall and roof coverings, damp-courses, floors and linings of buildings, a Trade Mark, of which the following is a representation:—

RUBEROID.

This Mark was first advertised in the Western Australian *Government Gazette* of 6th September, 1901—*vide* notice at head of Trade Mark advertisements.

Applications Nos. 2268 and 2269, dated 28th August, 1901.—THE CLAREMONT MINERAL SPRINGS COMPANY, LIMITED, of Claremont, Western Australia, Application No. 2268 to register in Class 15 in respect of Glass Bottles; Application No. 2269 to register in Class 44 in respect of Mineral and Aerated Waters, natural and artificial, including Ginger Beer, a Trade Mark, of which the following is a representation:—



This Mark was first advertised in the Western Australian *Government Gazette* of 6th September, 1901—*vide* notice at head of Trade Mark advertisements.

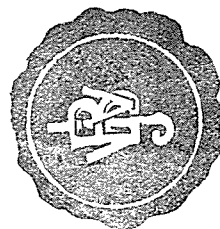
Application No. 2270, dated 28th August, 1901.—D. & J. FOWLER, LIMITED, of No. 6, East India Avenue, London, England, to register in Class 42, in respect of Tea, Coffee, and all substances used as food and as ingredients in food, a Trade Mark, of which the following is a representation:—

KURRAJONG.

This Mark was first advertised in the Western Australian *Government Gazette* of 6th September, 1901—*vide* notice at head of Trade Mark advertisements.

Application No. 2273, dated 5th September, 1901.—Sr. EMIL WINE COMPANY, of Fremantle, Western Australia, Merchants, to register in Class 43, in respect of Fermented Liquors and Spirits, a Trade Mark, of which the following is a representation:—

St. Emil
 MALAGA PORT
 1892



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

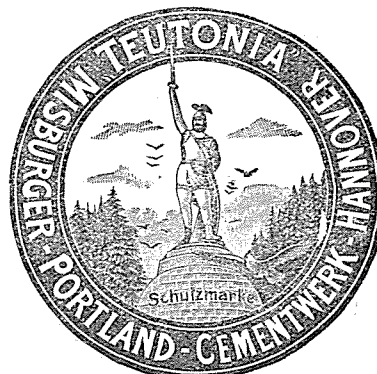
This Mark was first advertised in the Western Australian *Government Gazette* of 13th September, 1901—*vide* notice at head of Trade Mark advertisements.

Application No. 2229, dated 2nd July, 1901.—GEORGE FREDERICK TODMAN, trading as "Cameron Brothers and Company," of the Virginia Tobacco Factory, Copper Street, Surrey Hills, Sydney, in the State of New South Wales, and Commonwealth of Australia, Tobacco Manufacturer, to register in Class 45, in respect of Tobacco and Cognate Substances and Goods, a Trade Mark, of which the following is a representation:—

SIGNET.

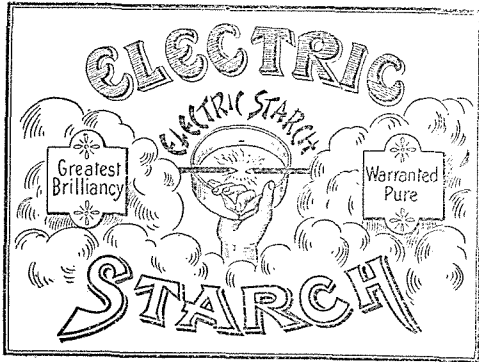
This Mark was first advertised in the Western Australian *Government Gazette* of 13th September, 1901—*vide* notice at head of Trade Mark advertisements.

Application No. 2251, dated 5th August, 1901.—TEUTONIA MISBURGER PORTLAND CEMENTWERK, of Hanover, in Germany, to register in Class 17, in respect of Portland Cement, a Trade Mark, of which the following is a representation:—



This Mark was first advertised in the Western Australian *Government Gazette* of 20th September, 1901—*vide* notice at head of Trade Mark advertisements.

Application No. 2252, dated 5th August, 1901.—WEBER LOHMANN AND COMPANY, LIMITED, of Bridge Street, Sydney, New South Wales, to register in Class 47, in respect of Starch, a Trade Mark, of which the following is a representation :—



The essential particular of the Trade Mark is the following :—The combination of devices, 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 20th September, 1901—vide notice at head of Trade Mark advertisements.

Application No. 2260, dated 19th August, 1901.—STIRLING REMEDY COMPANY, of Room 1000, Trude Building, Chicago, in the County of Cook and State of Illinois, United States of America (and elsewhere), Manufacturers, to register in Class 3, in respect of a Medicine for human use, a Trade Mark, of which the following is a representation :—

CASCARETS.

No claim is made to the exclusive use of the words "Cascara" or "Cascare."

This Mark was first advertised in the Western Australian Government Gazette of 20th September, 1901—vide notice at head of Trade Mark advertisements.

Application No. 2271, dated 30th August, 1901.—JOHN PRESCOTT DYASON, trading as "Dyason, Son, and Company," at 44 Oxford Street, Collingwood, in the State of Victoria and Commonwealth of Australia, Cordial Manufacturer, to register in Class 42, in respect of a non-alcoholic cordial called "Limella," a Trade Mark, of which the following is a representation :—



No claim is made to the exclusive use of the word "Lime."

This Mark was first advertised in the Western Australian Government Gazette of 20th September, 1901—vide notice at head of Trade Mark advertisements.

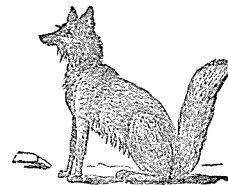
Application No. 2272, dated 5th September, 1901.—JOSEPH FLOREY, trading as "The Standard Shoe and Leather Company," of Grenfell Street, Adelaide, South Australia, to register in Class 50, in respect of Blacking and other Dressings for Leather, Boots, Shoes, and other manufactures of Leather, a Trade Mark, of which the following is a representation :—

CHROMELINE.

No claim is made to the exclusive use of the word "Chrome."

This Mark was first advertised in the Western Australian Government Gazette of 20th September, 1901—vide notice at head of Trade Mark advertisements.

Application No. 2278, dated 11th September, 1901.—FOX BROTHERS AND COMPANY, LIMITED, of Tonedale Mills, Wellington, Somerset, England, Woollen Manufacturers, to register in Class 34, in respect of Cloths and Stuffs of Wool, Worsted, or Hair, a Trade Mark, of which the following is a representation :—



This Mark was first advertised in the Western Australian Government Gazette of 20th September, 1901—vide notice at head of Trade Mark advertisements.

Application No. 2280, dated 12th September, 1901.—FREDERIC A. KING, trading as "The Enterprise Manufacturing Company," of Rialto Chambers, High Street, Fremantle, to register in Class 42, in respect of Substances used as Food or as Ingredients for Food, a Trade Mark, of which the following is a representation :—

ENTERPRISE

This Mark was first advertised in the Western Australian Government Gazette of 20th September, 1901—vide notice at head of Trade Mark advertisements.

Alphabetical List of Registrants of Trade Marks.

AUGUST 31ST—SEPTEMBER 14TH.

Name.	Goods.	Class.	No.	Date.	Gazette.		
					No.	Date.	Page.
Calmon A. Aktiengesellschaft	Rubber goods of all kinds, including rubber hose	50	2139	20th Mar., 1901	26	28th June, 1901	2560
Calmon A. Aktiengesellschaft	Boots and shoes, consisting wholly or in part of India-rubber	38	2140	20th Mar., 1901	26	28th June, 1901	2560
Frean, —	<i>Vide</i> Peek, Frean, & Co.	42	2099	28th June, 1901	26	28th June, 1901	2560
New Sunlight Incandescent Co. (1900), Ltd.	Lamps and burners	13	2221	25th June, 1901	27	5th July, 1901	2680
New Sunlight Incandescent Co. (1900), Ltd.	Incandescent mantles and burners	18	2222	25th June, 1901	27	5th July, 1901	2680
Peek, Frean, & Co. ...	Butter and other substances used as food or as ingredients in food	42	2099	11th Jan., 1901	26	28th June, 1901	2560
Spence, J. B.	Substances used as food or as ingredients in food	42	2215	14th June, 1901	26	28th June, 1901	2561

Index of Goods for which Trade Marks have been Registered.

AUGUST 31ST—SEPTEMBER 14TH.

Goods.	Name.	No.	Date.	Class.	Gazette.		
					No.	Date.	Page.
Boots (consisting wholly or in part of India-rubber)	A. Calmon Aktiengesellschaft ...	2140	20th Mar., 1901	38	26	28th June, 1901	2560
Burners	<i>Vide</i> Lamps	2221	25th June, 1901	13	27	5th July, 1901	2680
Burners	<i>Vide</i> Mantles (Incandescent) ...	2222	25th June, 1901	18	27	5th July, 1901	2680
Butter	Peek, Frean, & Co.	2099	11th Jan., 1901	42	26	28th June, 1901	2560
Food Substances ...	J. B. Spence	2215	14th June, 1901	42	26	28th June, 1901	2561
Food Substances ...	<i>Vide</i> Butter	2099	11th Jan., 1901	42	26	28th June, 1901	2560
Hose (Rubber) ...	<i>Vide</i> Rubber Goods	2139	20th Mar., 1901	50	26	28th June, 1901	2560
Lamps	New Sunlight Incandescent Company (1900), Limited	2221	25th June, 1901	13	27	5th July, 1901	2680
Mantles (Incandescent)	New Sunlight Incandescent Company (1900), Limited	2222	25th June, 1901	18	27	5th July, 1901	2680
Rubber Goods ...	A. Calmon Aktiengesellschaft ...	2139	20th Mar., 1901	50	26	28th June, 1901	2560
Shoes	<i>Vide</i> Boots	2140	20th Mar., 1901	38	26	28th June, 1901	2560

Renewal Fees Paid on Trade Marks from 20th July to 27th July, 1901.

Fee payable before the end of the fourteenth year in respect of the following fourteen years:—

No. 144.—Rylands & Sons, Limited.

[NOTE.—Omitted from Tables advertised in *Government Gazette* of 2nd August, 1901, No. 31, page 3017.]

Subsequent Proprietors of Trade Marks Registered from 7th September to 14th September, 1901.

[NOTE.—The names in brackets are those of former proprietors.]

No. 56.—J. A. Brown and J. H. Dransfield, trading as "G. T. Congreve." [G. T. Congreve.]

No. 155.—J. A. Brown and J. H. Dransfield, trading as "G. T. Congreve." [G. T. Congreve.]