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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,*
*27th March, 1903.*

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

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

Application No. 4235.—HYAM NATHAN and RUPERT RHODES, of Coolgardie, Western Australia, Metallurgical Chemists and Assayers, "*Process for the extraction of gold from Sulphides or other refractory ores.*"—Dated 10th January, 1903.

*Claims*:—

1. The perchloration process of extraction of gold from refractory ores consisting in subjecting such ores when in a finely divided state to a bath consisting of a solution of bleaching powder cyanide of potassium and water and of the proportions substantially as above specified and set forth.
2. The perchloration process of the extraction of gold from refractory ores consisting in subjecting such ores when in a finely divided state to a bath consisting of a solution of bleaching powder cyanide of potassium and water of approved strength to suit and be proportioned to the different ores under treatment substantially as above specified and set forth.

Specification, 4s. 6d.

Application No. 4284.—RICHARD SPARROW, of Perth, Western Australia, Licensed Patent Agent (*George Westinghouse*), "*Improvements in combined Spring and Frictional Resistance Devices.*"—Dated 16th February, 1903.

*Claims*:—

1. A resistance device consisting of a spring having a plurality of continuous turns and a friction ring, one or more frictional faces being provided on the spring which engage with a corresponding face or faces on the ring for the purpose of producing frictional resistance when the spring is compressed.
2. The modification of the invention in which two friction rings are provided, one located inside the spring and the other outside and surrounding the same, each ring having one or more frictional faces adapted to engage with corresponding frictional faces on the spring.
3. The modification of the invention in which the friction ring is composed of a number of segments held in engagement with the spring by means of a resilient supporting tube or casing.
4. Frictional resistance devices constructed and operating substantially as described with reference to any of the forms shown in the accompanying drawings.

Specification, 5s. Drawings on application.

Application No. 4285.—FRANCIS HUGH SNOW, of National Mutual Buildings, King William Street, Adelaide, in the State of South Australia, in the Commonwealth of Australia, Licensed Patent Agent (*Thomas Henry Bradbury*), "*Improvements in Rock-drills and in apparatus for forging and sharpening the same.*"—Dated 17th February, 1903.

*Claims*:—

1. Rock-boring and similar drills having a plurality of radial wings' each of which is thickest just above the chisel-point and tapers towards the shank, constructed substantially as and for the purpose hereinbefore described with reference to Figures 3 and 4 of the accompanying drawings.
2. Apparatus for forging and sharpening rock-boring and similar drills, comprising two power hammers arranged to work on the drill at right angles one to the other, a forging tool and its counterpart constructed for forging drills of two sizes and for holding the drills or blanks while being sharpened or jumped up, and a separate sharpening or jumping tool, all constructed and operated substantially as hereinbefore described.
3. In apparatus for forging and sharpening rock-boring and similar drills, the combination of a fixed forging and holding tool and its reciprocable counterpart, with a gripping device, and a jumping up or sharpening tool reciprocable at right angles to the reciprocating counterpart forging tool, substantially as hereinbefore described.
4. In apparatus for forging and sharpening rock-boring and similar drills, a fixed forging and holding tool and its reciprocable counterpart constructed with two forging dies and between them a holding die, substantially as hereinbefore described.
5. In apparatus for forging and sharpening rock-boring and similar drills, a fixed forging and holding tool and its reciprocable counterpart constructed with two forging dies, and between them a holding die, in combination with a gripping device for the drill when in the holding die, substantially as hereinbefore described.
6. The apparatus for forging and sharpening rock-boring and similar drills, constructed and operated substantially as hereinbefore described with reference to the accompanying drawings.

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

Application No. 4290.—FRANK COTTON, of Hornsby, in the State of New South Wales, Gentleman, "*An improved apparatus for the utilization of Carbonaceous liquids as Fuel.*"—Dated 17th February, 1903.

*Claim*:—

An improved apparatus for the utilisation of carbonaceous liquids as fuel characterised by the combination of a receiving chamber, and vaporising retort having an internal mixing chamber communicating with both by means of perforations; a nozzle in the said vaporising retort, for the discharge of the gases produced; and the necessary steam and oil supply pipes, so arranged that the steam is superheated and the oil heated prior to introducing into the receiving chamber, as and for the purpose described and substantially as illuminated in the drawings.

Specification, 5s. Drawings on application.

Application No. 4291.—JAMES EBENEZER TONKIN, of Missenden Road, Camperdown, Sydney, in the State of New South Wales, Mining Agent; WILLIAM AMES, of West Street, North Sydney, in the State aforesaid, Engineer, and WILLIAM EUGENE HORT NICOLLE, of Beecroft, near Sydney, in the State aforesaid, Engineer. —Dated 17th February, 1903.

*Claims*:—

1. A locking device adapted to secure the fastenings of railway or tramway rails, consisting of a suspended clamping plate held in position by the fish-plate bolts, the nuts of which are secured by a lock plate supported and engaged at the ends in the manner shown, and for the purposes set forth.
2. In the means employed for securing the fastenings of railway or tramway rails, the combination of a removable lock plate with a fish plate adapted to retain the said lock plate in its position, as and for the purposes set forth.
3. In the construction of gapped lock plates, the arrangement of an outward extended portion adapted to be retained by a similar device associated with the folded ends, in which the said lock plate is retained, as in Figure 3.

4. The general combination and arrangement of the parts herein described and illustrated, the whole forming a locking device for securing the fastenings of railway or tramway rails as described and illustrated, and for the purposes set forth.

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

Application No. 4292.—HARRY TURNER, of Koolunga, in the State of South Australia, Machinist, "*Improvements in Bolt-locking devices, applicable in Thill Couplings.*"—Dated 17th February, 1903.

*Claims*:—

1. In a bolt-locking device the combination with a movable tumbler of a shoulder or locking lug and a spring all substantially as set forth.
2. In a bolt-locking device the combination with the bolt and the parts to be thereby secured together, of the parts d to g as set forth and illustrated.

Specification, 2s. Drawings on application.

Application No. 4293.—GEORGE JAMES FOSTER, of 4 Edward Street, Balmain, in the State of New South Wales, Commonwealth of Australia, Engineer, "*Apparatus for economising fuel and minimizing smoke in steam boiler furnaces and the like.*"—Dated 17th February, 1903.

*Claims*:—

1. In combination, an injector nozzle adapted to inject steam and induce a current of air, such injector nozzle being enclosed within a chamber that is adapted to heat the air which is induced, as specified.
2. In combination, an injector nozzle adapted to inject steam and induce a current of air, such injector nozzle being enclosed within a chamber internally provided with baffle plates, such chamber being adapted to heat the air which is induced, as and for the purposes herein set forth.
3. In combination, a steam boiler furnace, the inside of the door opening of which is surrounded on three sides by an arched chamber provided with apertures for the ingress and egress of air, such chamber being internally provided with baffle plates adapted to cause the air to take a serpentine course between the point of ingress and the point of egress, as and for the purposes specified.
4. A steam boiler furnace, the door opening of which is surrounded on three sides by an arched chamber provided with apertures for the ingress and egress of air, such chamber being internally provided with baffle plates adapted to cause the air to take a serpentine course between the point of ingress and the point of egress in combination with an injector nozzle adapted to inject steam and induce a current of air, such injector nozzle being enclosed within the arched air chamber, and with a director tube concentric or thereabouts with the injector nozzle and adapted to project the mixture of steam and induced air upon the bridge at the rear of the furnace, above the layer of fuel on the grate bars, as and for the purposes herein set forth.
5. The general arrangement, construction and combination of parts in the apparatus for economising fuel and minimising smoke in steam boiler furnaces and the like as herein described and for the purposes specified.

Specification, 8s. Drawings on application.

Application No. 4294.—BROKEN HILL PROPRIETARY COMPANY, LIMITED, of Equitable Building, in the City of Melbourne, and State of Victoria (assignee of GUILLAUME DANIEL DELPRAT), "*Improved apparatus for use in certain processes for the extraction of sulphides from ores.*"—Dated 17th February, 1903.

*Claims*:—

1. Improved apparatus for the purpose set forth the essential features of which are the sloping bottom the receiving sump the feed directing plate and the baffle plate substantially as herein described and explained.
2. In apparatus for the purposes set forth the combination with a pan having a sloping bottom and a receiving sump of an adjustable feed directing plate substantially as herein described and explained.
3. In apparatus for the purpose set forth the combination with a pan having a sloping bottom and a receiving sump of a baffle plate at the entrance to said sump substantially as herein described and explained.
4. In apparatus for the purpose set forth the combination with a pan having a sloping bottom and devices for directing the feed and for receiving the tailings of devices or contrivances whereby heat may be imparted to the contents of said pan substantially as herein described and explained.
5. The combination of the mechanical parts for the purposes set forth all together forming an improved apparatus for use in certain processes for the extraction of sulphides from ores substantially as herein described and explained and as illustrated in the drawings.

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

Application No. 4301.—ARTHUR HERSCHMANN, of 61 Broadway, New York, United States of America, Engineer, "*Improvements in Steam Motor Vehicles.*"—Dated 24th February, 1903.

*Claims*:—

1. The general arrangement construction and combination of the elements of mechanism comprising the improvements in motor propelled road vehicles hereinbefore set forth and illustrated on the drawings.
2. In a motor vehicle or wagon, a smoke stack returned down under the wagon body and open below it to the rear of the wagon in combination with a blower or other form of mechanism for giving forced draught, substantially as set forth.
3. The combination, in a wagon having a suppressed smoke stack discharging the smoke and exhaust steam under the wagon, of pinions gearing into internal toothed wheels on the rear or driving wheels of the vehicle, and secured on flexible driven shafts whose ends are supported by links from the wagon body and also by arms pivoted on the rear axle to utilise the load on the wagon to keep the pinions in position and maintain them truly in mesh with the internal gears on the rear driving wheels of the wagon, substantially as set forth.
4. The combination with the pinions meshing with internal gears on the rear driving wheels of motor wagons and connections between the wagon body and rear axle for supporting said pinions which are driven through differential gearing surrounding the divided flexible shaft carrying the pinions, of an idler pulley on one part of said divided shaft and a breaking device and means for applying it to one or more of the elements of the differential gear, substantially as set forth.
5. In a motor wagon such as described, the combination with the driving and compensating gear and brake device of vertical upright guides connected with the wagon body and having passages or openings therethrough in two planes at right angles to each other to receive the front axle of the wagon and the spring thereto which so rest on the axle as to afford free rolling contact between them and are guided by and supported in the guides, the axle being provided with curved surfaces bearing against the structure of the guides to prevent lateral and allow of angular movement of the axle, substantially as set forth.

Specification, 13s. Drawings on application.

Application No. 4314.—WILLIAM M. MYERS, of 405 Felix Street, Saint Joseph, in the County of Buchanan and State of Missouri, United States of America, gentleman, "*Improvements in Air Compressors.*"—Dated 3rd March, 1903.

*Claims*:—

1. In an air compressor, the combination with two vertically arranged compression chambers in which liquid is adapted to be reciprocated, a horizontal chamber in communication with said chambers, a horizontal reciprocating piston in said chamber, a smaller horizontal chamber below the said chamber and in communication therewith to supply liquid to the compression chamber, a piston mounted so as to reciprocate in said smaller horizontal chamber to force the liquid into the pump chamber, an adjustable reciprocating lever connected with said last mentioned piston, a rod operated by an eccentric adjustably connected with said lever so as to limit the throw of the piston, and a motive power for operating the lever and the horizontal reciprocating piston, of a tank to receive the compressed air and means to cool the liquid before it is supplied to the smaller horizontal chamber.
2. In an air compressor, the combination of a series of compression chambers, means to supply liquid thereto, of a tank to receive the compressed air and overflow of liquid, and a water supply for supplying water to the compression chambers, an oil supply in communication with the compression chambers, and means for connecting the water supply or the oil supply with the compression chambers, substantially as set forth.
3. In an air compressor, the combination of a series of compression chambers, a horizontal liquid chamber in communication with said chambers, means for supplying the liquid thereto as it is needed, and a source of water supply and an oil supply for the compression chambers, and means for admitting either oil or water to the compression chambers, substantially as set forth.
4. In an air compressor, the combination of a series of compression chambers, a horizontal chamber in communication with said chambers, means for supplying a liquid thereto as it is needed, and a source of water supply and an oil supply for the compression chambers, and means for admitting either oil or water to the compression chambers, of means for cooling the liquid located intermediate of the horizontal chamber and the source of supply as the liquid flows therefrom, comprising a surrounding casing having an inlet and outlet for the cooling liquid and an interior casing adapted to receive the liquid from the source of supply and also the overflow from the compression chambers and allow the liquid to flow to the compression chambers.
5. In an air compressor, the combination of a series of compression chambers, a horizontal chamber in communication with said chambers, means for supplying the liquid thereto as it is needed, and a source of water supply and an oil supply for the compression chambers, and means for admitting either oil or water to the compression chambers, of a tank to receive the compressed air and overflow liquid, comprising a casing having an inlet for the air and overflow liquid and an outlet for air and the outlet for liquid, and a float controlled device mounted within the casing to limit the amount of liquid in the casing and allow it to flow through the liquid outlet.
6. In an air compressor, the combination with a compressing mechanism in which the liquid is adapted to be reciprocated and supplied thereto, of a water supply and an oil supply, a short pipe leading to the compressor, and pipes leading from the water supply and oil supply in communication with the short pipe, and means for connecting the oil supply or water supply with said short pipe.
7. In an air compressor, the combination of two vertically arranged compression chambers, a substantially T-shaped pipe in communication with the upper ends of said compression chambers, valve controlled inlets in the upper ends of said compression chambers for admitting air to the chambers, and valve controlled outlets interposed between the T-shaped pipe and the compression chambers for checking the flow of fluid backward into the chambers, a reciprocating pump mounted below said chambers, and adapted to be reciprocated to reciprocate a liquid alternately in said compression chambers, a chamber located below the pump chamber, and communicating therewith through the valve inlets, a reciprocating piston mounted in said chamber adapted to feed the liquid through said valved inlets to the chamber, a supply of liquid in communication with said chamber in which the piston is mounted, a rock shaft having its lower end connected with said piston, a motive power, a rod connected to the upper end of the rock shaft and the motive power to operate the shaft and reciprocate the piston, and a crank arm connected to the pump.

Specification, 16s. Drawings on application.

Application No. 4315.—FELIX JEROME MCSHANE and JAMES HENRY MCSHANE, both of 303 South 13th Street, in the City of Omaha, County of Douglas, State of Nebraska, United States of America, Railroad Contractors (assignees of Robert Ely Waugh and Eugene Waugh), "*Improvements in Dry Ore Concentrators.*"—Dated 6th March, 1903.

Claims numbering 16 may be inspected at the Patent Office.

Specification, £1 0s. 6d. Drawings on application.

Application No. 4316.—JOHN FELIX MARTIN, of Gawler, in the State of South Australia, Engineer, "*Improvements in Strippers and Harvesters.*"—Dated 9th March, 1903.

*Claims*:—

1. The construction of a spiked roller as L working in combination with open spaced plates or bars as M and which jointly constitute a damp weather beater drum, substantially as and for the purposes herein explained and as illustrated in Figures 4 and 5 of the attached drawings.
2. The construction of a raising and lowering gear for adjusting the working height of the stripper combs H when in motion, substantially as and for the purposes herein explained and as illustrated in Figures 6 to 11 of the attached drawings.

3. In combination with the road wheel A of a sprocket wheel B from which the motion is imparted to the revolving parts D. E. J. K. the sprocket being so arranged to revolve on the inside or outside of the travelling wheel A, substantially as herein described and illustrated in Figures 1 to 3 of the attached drawings.
4. The peculiar construction, and combination of parts constituting the improvements as set forth and claimed and in combination with a stripping and harvesting machine substantially all as herein set forth and as illustrated in Figures 1 to 11 of the attached drawings.

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

Application No. 4317.—ROBERT JOHN GULLY, of Currie Street, Adelaide, in the State of South Australia, Commonwealth of Australia, Accountant (assignee of Bartle, William), "*Improvements in Ploughs and Cultivators, and in seed and fertilizer distributing devices therefor.*"—Dated 10th March, 1903.

*Claims* :—

1. The described frame for ploughs and cultivators having two double beams each consisting of two bars bolted together, the two bars forming each beam being held by means of distance pieces sufficiently far apart to allow of the reception between them of bolts which secure the jambs substantially as specified.
2. The combination with two double beams each formed of two bars held a sufficient distance apart of jambs secured flatwise thereto by means of bolts passing between the two members of each double beam the front ends of the jambs being secured to one of the double beams and the rear ends to the other double beam substantially as described.
3. The combination with the draught swing bar of a locking block pivoted to the top of the swing bar and adapted to engage a lug upon the implement frame substantially as described.
4. The described combination with the cranked axle of a device for lifting the implement comprising a ratchet wheel mounted upon a pin carried by the frame, a rockable lever pivoted upon the said pin and carrying a pawl for engaging the ratchet wheel, a stop piece against which the lever rests when not in action, a holding pawl pivoted upon the frame and held in engagement with the ratchet wheel by a spring but capable of being withdrawn by means of a foot piece, and a bar connecting the ratchet wheel with an arm projecting from the cranked axle, the point of attachment of the said bar to the ratchet wheel being adjustable substantially as specified.
5. The described combination with a seed box divided into several hoppers of a funnel-shaped receiver beneath each hopper, a feed wheel mounted within such receiver and having fine and coarse grooves on opposite sides, a pivoted flap over each feed wheel whereby the seed may be directed to either side of same the said feed wheels having square central openings whereby they are mounted upon a common square shaft extending the full length of the seed box through the several funnel-shaped receivers beneath the same, such shaft being divided at the centre and having the two ends at the centre fitted with bevel pinions which are engaged and operated by a double-faced bevel pinion each face driving one of the small pinions, such double faced bevel pinion being carried by a cross shaft which is operated by suitable means from the main carrying wheel of the implement substantially as described.
6. The combination with a fertilizer box divided into several hoppers of a cylindrical feeder within each hopper and immediately over a funnel-shaped receiver said cylindrical feeder having its two ends divided into fingers placed alternately, the fingers at each end of the feeder revolving around an inner fixed cylinder slotted along its under side and fitted with a cleaning spring, such cylindrical feeder having also an internal boss with a square central opening whereby the several feeders are mounted upon a common square shaft extending the full length of the box and having at its front end a bevel pinion which is engaged by a bevel pinion upon a cross shaft operated by suitable means from the main carrying wheel of the implement substantially as described.

Specification, 13s. Drawings on application.

Application No. 4319.—FRANCIS EDWARD ELMORE, of 4 Bishopsgate Street Within, in the City of London, England, Electro-metallurgist, "*Improvements in apparatus for generation and application of Electric Currents for Electrolysis.*"—Dated 10th March, 1903.

*Claims*:—

1. Apparatus for the generation and application of electric currents for electrolysis comprising an electrical conductor moving in a magnetic field and having electrodes attached to it on one side of the said field and extending into an electrolyte, while a part of the said conductor on the other side of the field is in electrical connection with other electrodes in the electrolyte, substantially as described.
2. Apparatus for the generation and application of electric currents for electrolysis comprising an electrical conductor moving in a magnetic field and having electrodes attached to it on both sides of the said field and extending into an electrolyte, substantially as described.
3. Apparatus for the generation and application of electric currents for electrolysis comprising a circular electrical conductor having electrodes arranged concentrically upon it, which conductor rotates between magnetic poles situated between the electrodes, substantially as described.
4. Apparatus of the kind referred to in claim 3 having four sets of electrodes, two sets directly connected with the circular electrical conductor and the other two connected electrically with each other, substantially as described.
5. Apparatus of the kind referred to in claims 3 and 4 comprising a disc of conducting material rotated in a horizontal plane and extending through an air-gap in the inner wall of a closed annular box which is a magnet, concentric cylinders of suitable material depending from the said disc in two sets, one set on each side of the said air-gap, fixed concentric cylinders of suitable material also in two sets one set on each side of the air-gap, contained in a separate vessel, there being a depending cylinder between each fixed cylinder and the next, and electrical connection between the two vessels, substantially as described.
6. Connecting the fixed electrodes in the outer cell with the fixed electrodes in the inner cell by a conductor passing through the air-gap, substantially as described.
7. Connecting the periphery of the armature by a rubbing contact with a conductor passing through the air-gap to the electrodes on the opposite side of the magnetic field, substantially as described.
8. In apparatus such as is referred to in claim 5, one or more horizontal flanges on the inner surface of each depending cylinder and a pipe passing from each depending cylinder of the inner set to a depending cylinder of the outer set, so that mercury delivered to the inner surface above the lower flange of each depending cylinder of the inner set may, after rising up the cylinder pass through the said pipe to flow down the inner surface of a depending cylinder of the outer set, substantially as described.
9. In electrolytic apparatus comprising two sets of cylindrical revolving electrodes faced with mercury by centrifugal action, an arrangement for transmitting the mercury from the one set of revolving electrodes to the other set, substantially as described.
10. In electrolytic apparatus of the type herein described, an electrode consisting of mercury moving under centrifugal action, substantially as described.

Specification, 16s. Drawings on application.

R. G. FERGUSON,
Registrar of Patents.

## Applications for Patents.

MARCH 14TH TO 21ST.

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

| No. | Date. | Name. | Address. | Title. |
|---|---|---|---|---|
| 4325 | 17th Mar., 1903 | Boyd, K. ... ... ... | Auckland, New Zealand | An improved fire escape. |
| *4326 | 17th Mar., 1903 | Read, M. H. ... ... ... | Kalgoorlie, W.A. ... | Improved grubbing machine and belt strainer. |
| 4327 | 17th Mar., 1903 | Rooke, T.; Thrush, J.; and Early, T. F. W. | Newtown, Dulwich, and Petersham, New South Wales | Garbage destructor. |
| 4328 | 17th Mar., 1903 | Harris, J. ... ... ... | Ohio, United States of America | Improvements in wire fences. |
| 4329 | 17th Mar., 1903 | United Shoe Machinery Company (assignee of Eaton, H. H.) | Paterson, United States of America | Improvements in machines for fastening lacing hooks in shoes. |
| 4330 | 17th Mar., 1903 | Cooley Development Company (assignee of Cooley, J. F.) | Boston, United States of America | Improvements in and relating to rotary fluid engines. |
| *4331 | 19th Mar., 1903 | Birmingham, W. P. ... ... | Fremantle, W.A. ... | Improved ore smelting furnace. |
| 4332 | 19th Mar., 1903 | Marshall, E., ... ... ... | London, England ... | Improvements in stoppering bottles. |
| 4333 | 19th Mar., 1903 | Barber, T. W. .. ... ... | Westminster, London, England | Improvements in mechanically propelled vehicles. |

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| Barber, T. W. | Improvements in mechanically propelled vehicles | 4333 | 19th Mar., 1903 |
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| Cooley Development Company (assignee of Cooley, J. F.) | Improvements in and relating to rotary fluid engines | 4330 | 17th Mar., 1903 |
| Cooley, J. F. | *Vide* Cooley Development Company | 4330 | 17th Mar., 1903 |
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| Marshall, E. | Improvements in stoppering bottles | 4332 | 19th Mar., 1903 |
| Read, M. H. | Improved grubbing machine and belt strainer | 4326 | 17th Mar., 1903 |
| Rooke, T.; Thrush, J.; and Early, T. F. W. | Garbage destructor | 4327 | 17th Mar., 1903 |
| Thrush, J. | *Vide* Rooke, T. | 4327 | 17th Mar., 1903 |
| United Shoe Machinery Company (assignee of Eaton, H. H.) | Improvements in machines for fastening lacing hooks in shoes | 4329 | 17th Mar., 1903 |

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| Fences | *Vide* Wire Fences | 4328 | 17th Mar., 1903 |
| Fire escape | K. Boyd | 4325 | 17th Mar., 1903 |
| Furnaces | *Vide* Smelting Furnaces | 4331 | 19th Mar., 1903 |
| Garbage destructor | T. Rooke, J. Thrush, and T. F. W. Early | 4327 | 17th Mar., 1903 |
| Grubbing machine | M. H. Read | 4326 | 17th Mar., 1903 |
| Hooks | *Vide* Lacing Hooks | 4329 | 17th Mar., 1903 |
| Lacing hooks | United Shoe Machinery Co. | 4329 | 17th Mar., 1903 |
| Motor vehicles | J. W. Barber. | 4333 | 19th Mar., 1903 |
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| Stoppering bottles | E. Marshall | 4332 | 19th Mar., 1903 |
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| Gaulin, A. | System for intimately mixing milk | 4147 | 27th Nov., 1902 | 2nd Jan., 1903 | 1 | 26 |
| Jewell, J. R., and W. H. | Improved means for locking the wheels of carts and other road vehicles | 3786 | 18th Mar., 1902 | 16th Jan., 1903 | 3 | 107 |

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## Trade Marks.

*Patent Office, Trade Marks Branch,*
*Perth, 27th March, 1903.*

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

Any person or persons intending to oppose such applications must leave particulars in writing, in duplicate (on Form F), of his or their objections thereto, within two calendar months from the date of this *Gazette*.

A fee of £1 is payable with such notice.

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

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

Applications Nos. 2521 and 2522, dated 17th July, 1902.—WILLIAM PRETTY & SONS, LIMITED, of Tower Ramparts, Ipswich, Suffolk, England, Corset Manufacturers. Application No. 2521, to register in Class 38, in respect of Corsets, Belts, Busks, etc.; and Application No. 2522, to register in Class 13, in respect of Corsets, Belts, Busks, etc., a Trade Mark, of which the following is a representation :—

W B

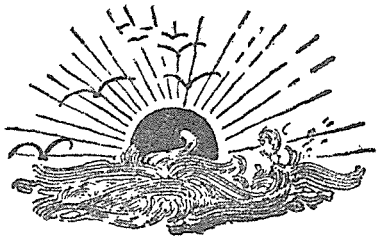
*This Mark has been used by us and our predecessors in business since 15th October, 1884, in respect of the goods mentioned, and was registered by them in Great Britain on above date.*

Application No. 2711, dated 4th February, 1903.—WALTER WESLEY GARNER, trading as "F. H. Faulding & Co.," of 341-343 Murray Street, Perth, Western Australia, Wholesale and Manufacturing Druggist and Chemist, to register in Class 3, in respect of Chemical Substances prepared for use in medicine and pharmacy, a Trade Mark, of which the following is a representation :—

VI-KOLA.

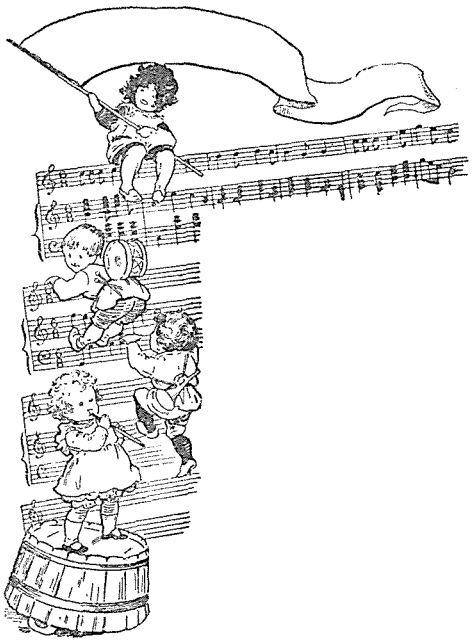
*No claim is made to the exclusive use of the word "Kola."*

Application 2756, dated 16th March, 1903.—Messrs. HALL AND ALBERT, of 48 Newcastle Street, Perth, in the State of Western Australia, Biscuit Bakers and Manufacturers of Self-raising Flour, to register in Class 42, in respect of Biscuits, Cake, Self-raising Flour, Baking Powder, and Food Stuffs, a Trade Mark, of which the following is a representation :—



RISING SUN.

Application No. 2758, dated 17th March, 1903.—LEVER BROTHERS, LIMITED, of Balmain, State of New South Wales, Commonwealth of Australia, Soap Manufacturers, to register in Class 47, in respect of Common Soap and all other preparations for laundry purposes, in Class 47, a Trade Mark, of which the following is a representation :—



Application No. 2762, dated 19th March, 1903.—JAMES BUCHANAN, trading as "James Buchanan & Co.," of the Black Swan Distillery, 26 Holborn, London, England, and of 14-16 Bothwell Street, Glasgow, Scotland, Whisky Distiller and Blender, to register in Class 43, in respect of Whisky, a Trade Mark, of which the following is a representation:—


*The essential particulars of the Trade Mark are the distinctive label and the fac-simile signature; and the applicant disclaims any right to the exclusive use of the added matter.*

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Applications Nos. 2763 and 2765, dated 19th March, 1903, —THE DIXSON TOBACCO COMPANY, LIMITED, of Newman Street, Fremantle, in the State of Western Australia. Application No. 2763, to register in Class 45, in respect of Tobacco, whether manufactured or unmanufactured; and Application No. 2765, to register in Class 39, in respect of Tobacco, Cigar and Cigarette packets, a Trade Mark, of which the following is a representation:—


*The essential particular of the above mark consists of the distinctive device.*

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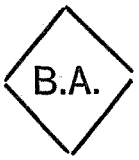
Applications Nos. 2764 and 2766, dated 19th March, 1903.—THE DIXSON TOBACCO COMPANY, LIMITED, of Newman Street, Fremantle, in the State of Western Australia. Application No. 2764, to register in Class 45, in respect of Tobacco, whether manufactured or unmanufactured; and application No. 2766, to register in Class 39, in respect of Tobacco, Cigar and Cigarette packets, a Trade Mark, of which the following is a representation:—




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

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Application No. 2767, dated 19th March, 1903.—CHAPPELL, ALLEN, & Co., LIMITED, of Patriotic Corset Works, Bristol, England, Corset Manufacturers, to register in Class 38, in respect of Articles of Clothing, a Trade Mark, of which the following is a representation:—

**LA FIGURINE.**

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Application No. 2769, dated 20th March, 1903.—PETERSON & Co., Merchants, Newman Street, Fremantle, in the State of Western Australia, to register in Class 42, in respect of Food and substances used as ingredients in food, a Trade Mark, of which the following is a representation:—

**ARCADIAN.**

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## Notice.

*Patent Office, Trade Marks Branch,*
*Perth, 27th March, 1903.*

*Applications* re *Trade Marks Nos. 2521 and 2522.*

NOTICE is hereby given that the advertisement of Trade Mark Applications Nos. 2521 and 2522, in the name of WILLIAM PRETTY & SONS, LIMITED, of Tower Ramparts, Ipswich, Suffolk, England, Corset Manufacturers, appearing in the *Patent* Supplement to the *Government Gazette* of 20th March, 1903, No. 12, page 701, has been withdrawn.

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

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## Alphabetical List of Registrants of Trade Marks.

MARCH 14TH—21ST.

| Name. | Goods. | Class. | No. | Date. | *Gazette.* No. | *Gazette.* Date. | *Gazette.* Page. |
|---|---|---|---|---|---|---|---|
| American Tobacco Company | Tobacco, either manufactured or unmanufactured | 45 | 2638 | 18th Nov., 1902 | 2 | 9th Jan., 1903 | 81 |
| Greening, N., and Sons, Ltd. | Sieving and screening plates, being metal goods not included in other classes | 13 | 2685 | 30th Dec., 1902 | 2 | 9th Jan., 1903 | 82 |
| Hartman, S. B. ... ... | A medicinal compound ... ... | 3 | 2686 | 30th Dec., 1903 | 2 | 9th Jan., 1903 | 82 |

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

MARCH 14TH—21ST.

| Goods. | Name. | No. | Date. | Class. | *Gazette.* | | |
|---|---|---|---|---|---|---|---|
| | | | | | No. | Date. | Page. |
| Medicinal Compound | S. B. Hartman ... ... ... ... | 2686 | 30th Dec., 1902 | 3 | 2 | 9th Jan., 1903 | 82 |
| Plates (sieving and screening) | N. Greening & Sons, Ltd. ... ... | 2685 | 30th Dec., 1902 | 13 | 2 | 9th Jan., 1903 | 82 |
| Tobacco (manufactured or unmanufactured) | The American Tobacco Co. ... ... | 2638 | 18th Nov., 1902 | 45 | 2 | 9th Jan., 1903 | 81 |

By Authority: WM. ALFRED WATSON, Government Printer, Perth.