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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,
23rd March, 1900.

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. 2862.—JOSEPH YARDLEY JOHNSTON, of 22 Bride Lane, London, England, Manufacturer of Steel Die and Plate Presses, "*Improvements in Presses for Printing or Embossing.*"—Dated 19th July, 1899.

Claims:—

1. In a printing, an embossing, or a printing and embossing press, impression mechanism comprising a weighted screw plunger, a fixed nut in which said plunger works, a continuously rotating part mounted on said plunger, means whereby said plunger and rotating part are intermittently coupled, means whereby said plunger is temporarily locked in its raised position and whereby it is subsequently released, and springs which are compressed by the upward movement of the plunger, and subsequently re-act thereon so as to cause its rapid descent when released, as set forth.
2. In a printing, an embossing, or a printing and embossing press, impression mechanism comprising a weighted screw plunger, a fixed nut in which said plunger works, means whereby said plunger is successively raised, locked, and released, a rack engaging with a pinion formed upon said plunger, and a spring arranged in the path of said rack and adapted to be compressed thereby during the upward movement of the plunger, as set forth.
3. In a printing, an embossing, or a printing and embossing press, impression mechanism comprising a weighted screw plunger, a fixed nut in which said plunger works, a pinion secured to said plunger, a rack engaging said pinion, an abutment, a spring arranged between said rack and abutment so as to be compressed as the rack is moved by the rise of the plunger, a connector secured to said plunger, a continuously rotating part loosely mounted on said plunger, and adapted to intermittently engage said connector, a fixed cam adapted to cause the disengagement at the required time of said connector and part, a locking device adapted to engage said connector after its disengagement from said rotating part and a connector releasing cam carried by said continuously rotating part, as set forth.
4. In impression mechanism of printing, embossing, or printing and embossing presses, the combination of a weighted screw plunger, a link pivotally connected to said plunger, a locking roller carried by said link, a guide formed with a recess adapted to receive and hold said roller, a continuously rotating part, means for disengaging said part to said link, means for disengaging said part and link and for causing said roller to roll into said recess, and means for causing said roller to roll out of said recess, all at the required times, as set forth.
5. In impression mechanism of printing, embossing, or printing and embossing presses, the combination of a weighted screw plunger, a link pivotally connected to said plunger, a locking-roller carried by said link, a guide formed with a recess adapted to receive and hold said roller, and the entry to which is curved, the curve being struck from the centre of the pivot of said link, a continuously rotating part, means for engaging said part to said link, means for disengaging said part and link and for causing said roller to roll into said recess, and means for causing said roller to roll out of said recess all at the required times, as set forth.

6. In impression mechanism of printing, embossing, or printing and embossing presses, the combination of a weighted screw plunger, a link pivotally connected to said plunger, a locking-roller carried by said link, a guide formed with a recess adapted to receive and hold said roller, a continuously rotating part, a drag-roller carried by said link, a cam-arm carried by said part and having its forward face so formed as to make contact with the drag-roller at the point at which a line, passing through the axes of said drag-roller and of the pivot of the link, cuts the periphery of the drag-roller, means for disengaging said cam-arm and drag-roller and for causing the locking-roller to roll into and out of said locking recess at the required times, as set forth.

7. In impression mechanism of printing, embossing, or printing and embossing presses, the combination of a weighted screw plunger, a link pivotally connected to said plunger, a locking-roller carried by said link, a guide formed with a recess adapted to receive and hold said roller, and the entry to which is curved, the curve being struck from the centre of the pivot of said link, a continuously rotating part, a drag-roller carried by said link, a cam-arm carried by said part and having its forward face so formed as to make contact with the drag-roller at the point at which a line, passing through the axes of said drag-roller and of the pivot of the link, cuts the periphery of the drag-roller, means for disengaging said cam-arm and drag-roller, and for causing the locking-roller to roll into and out of said locking recess at the required times, as set forth.

8. In impression mechanism of printing, embossing, or printing and embossing presses, the combination of a weighted screw plunger, a continuously rotating part mounted thereon, a cam-arm and a tripping cam carried by said part, a link pivotally connected to said plunger, a drag-roller carried by said link and adapted to be engaged by said cam-arm, a locking-roller carried by said link, a guide formed with a recess adapted to receive and hold said locking-roller, means for disengaging said drag-roller from said cam-arm, and means for causing said locking-roller to roll into and to roll out of said recess at the required times, as set forth.

9. In impression mechanism of printing, embossing, or printing and embossing presses, the combination of a weighted screw plunger, a continuously rotating part mounted thereon, a cam-arm and a tripping cam carried by said part, a link pivotally connected to said plunger, a drag-roller carried by said link and adapted to be engaged by said cam-arm, a locking-roller carried by said link, a guide formed with a recess adapted to receive and hold said locking-roller, a cam-roller carried by said link and adapted to be operated by said tripping-cam at the required time and a cam-plate so arranged that said cam-roller will be brought into contact therewith and the locking-roller caused to become engaged with the guide at the required time, as set forth.

10. In impression mechanism of printing, embossing, or printing and embossing presses, the combination of a fixed cylinder or casing, a fixed nut in line therewith, a screw plunger working in said nut and extending through said cylinder or casing, a continuously driven spur wheel free to rotate on said plunger, a link pivotally connected to said plunger, a drag-roller, a locking-roller, and a cam-roller mounted on said link, a guide with recess and a cam-plate both carried by said cylinder or casing and a cam-arm and tripping device both carried by said spur wheel, as set forth.

11. In impression mechanism of printing, embossing, or printing and embossing presses, the combination of a fixed cylinder or casing, the fixing nut in line therewith, a screw plunger working in said nut and extending through said cylinder or casing, a continuously driven spur wheel free to rotate on said plunger, a link pivotally connected to said plunger, a drag-roller, a locking-roller and a cam-roller mounted on said link, a guide with recess and a cam-plate both carried by said cylinder or casing and a cam-arm and tripping device both carried by said spur wheel, a pinion fixed to said plunger, a pair of sliding racks extending towards abutments and springs arranged between said racks and abutments, the parts being adapted to operate so as to cause the raising, locking, releasing and descent of the plunger as set forth.

12. In impression mechanism of a printing, embossing, or printing and embossing presses, the combination with a screw plunger of a fly wheel secured thereto as set forth.

13. In impression mechanism of a printing, embossing, or printing and embossing presses, the combination with a screw plunger of a fly wheel secured thereto, a continuously rotating part loosely mounted on said plunger, means for connecting said plunger and part and means for preventing longitudinal movement of said rotating part along said plunger, as set forth.

14. In impression mechanism of a printing, embossing, or printing and embossing presses, the combination with a screw plunger of a fly wheel secured thereto, a continuously rotating part loosely mounted on said plunger, means for connecting said plunger and part, a sleeve fitting said plunger and extending between said fly wheel and part, as set forth.

15. In impression mechanism of a printing, embossing, or printing and embossing presses, the combination with a screw plunger of a fly wheel secured thereto, a continuously rotating part loosely mounted on said plunger, means for connecting said plunger and part, a sleeve fitting said plunger and extending between said fly wheel and part, and a bearing in which said sleeve is journaled, as set forth.

16. In impression mechanism of a printing, embossing, or printing and embossing presses, the combination with a screw plunger of a fly wheel secured thereto, and means whereby it is prevented from descending on the completion of its rebound until it has again been raised to the top of its stroke, as set forth.

17. In impression mechanism of a printing, embossing, or printing and embossing presses, the combination with a screw plunger of a fly wheel secured thereto, and means for raising, locking, and releasing said plunger, as set forth.

18. In impression mechanism of a printing, embossing, or a printing and embossing press, the combination of a screw plunger, plunger raising, locking and releasing means, a cylinder or casing surrounding said means, and a cover to said cylinder or casing, said cover being formed with a central aperture or bearing through which said plunger extends, as set forth.

19. In impression mechanism of a printing, embossing, or a printing and embossing press, the combination of a screw plunger, plunger raising, locking and releasing means, a pinion secured to said plunger, a pair of sliding racks gearing therewith, rack guides, fixed boxes into which said racks extend, cap nuts closing the ends of said boxes, and coiled springs located in said boxes, as set forth.

20. In impression mechanism of a printing, embossing, or a printing and embossing press, the combination of a screw plunger, plunger raising, locking and releasing means, a pinion secured to said plunger, a pair of sliding racks gearing therewith, rack guides, fixed boxes into which said racks extend, cap nuts closing the ends of said boxes, and coiled springs located in said boxes, said springs being of such length that they will not exert pressure on the racks and plunger when the latter is at the end of its impression stroke, as set forth.

21. In impression mechanism of a printing, embossing, or a printing and embossing press, the combination of a screw plunger, plunger raising, locking and releasing means, a pinion secured to said plunger, a pair of sliding racks gearing therewith, rack guides, fixed boxes into which said racks extend, cap nuts closing the ends of said boxes, and coiled springs located in said boxes, and spring adjusting screws, as set forth.

22. In impression mechanism of a printing, embossing, or a printing and embossing press, the combination of a screw plunger, plunger raising, locking and releasing means, a pinion secured to said plunger, a pair of sliding racks gearing therewith, rack guides, fixed boxes into which said racks extend, cap nuts closing the ends of said boxes, and coiled springs located in said boxes, screw threaded apertures through said cap nuts, screw spindles with heads and hand wheels and working through said apertures and lock nuts, as set forth.

23. In impression mechanism of a printing, embossing, or a printing and embossing press, the combination of a screw plunger, plunger raising, locking and releasing means, and means whereby it is prevented from descending on the completion of its rebound until it has again been raised and locked, as set forth.

24. In impression mechanism of a printing, embossing, or a printing and embossing press, the combination of a screw plunger, plunger raising, locking and releasing means, a rack and a pawl, said rack and pawl being adapted to engage at the required time and prevent the descent of the plunger, as set forth.

25. In impression mechanism of a printing, embossing, or a printing and embossing press, the combination of a screw plunger, plunger raising, locking and releasing means, a rack carried by said plunger, a pawl pivoted in fixed bearings, so as to engage with said rack at the required time as set forth.

26. In impression mechanism of a printing, embossing, or a printing and embossing press, the combination of a screw plunger, plunger raising, locking and releasing means, a rack carried by said plunger and having its toothed surface formed as part of a screw path and a pawl pivoted in fixed bearings so as to engage with said rack at the required time, as set forth.

27. In impression mechanism of a printing, embossing, or a printing and embossing press, the combination of a screw plunger, plunger raising, locking and releasing means, a rack carried by said plunger and having its toothed surface formed as part of a screw path and a pawl pivoted in fixed bearings so as to engage with said rack at the required time, the length of the rack being such that it will clear or move beyond the said pawl during both the impression and return strokes of the plunger, as set forth.

28. In impression mechanism of a printing, embossing, or a printing and embossing press, the combination of a screw plunger, plunger raising, locking and releasing means, a rack carried by said plunger and having its toothed surface formed as part of a screw path and a pawl pivoted in fixed bearings so as to engage with said rack at the required time, and so loaded as to print lengthwise of the plunger as set forth.

29. In impression mechanism of a printing, embossing, or a printing and embossing press, the combination of a screw plunger, plunger raising, locking and releasing means, a fly wheel secured to the upper part of said plunger, racks secured thereto, and having toothed undersides formed as parts of screw paths, pawls fixed to spindles journaled in fixed bearings so as to be capable of being turned in either direction, springs connected to said spindles and tending to retain said pawls pointing upwardly, the length of the said racks being such that they will clear or move beyond their respective pawls, during both the impression and return strokes of the plunger, as set forth.

30. The impression mechanism of a printing, embossing, or a printing and embossing press, the combination of a screw plunger, plunger raising, locking and releasing means, a fly wheel secured to the upper part of said plunger, racks secured thereto and having toothed undersides formed as parts of screw paths, pawls fixed to spindles journaled in fixed bearings so as to be capable of being turned in either direction, a number of helical springs, one of which is attached by its inner convolution to each pawl spindle, means for detachably securing the outer end of each spring in either of two positions, in one of which the pawl will be operative in the other inoperative, as set forth.

31. In impression mechanism of a printing, an embossing, or a printing and embossing press, the combination of a screw plunger, plunger raising, locking and releasing means, a movable die block, and a renewable part adapted to bear the impact and friction between said plunger and die block, as set forth.

32. In impression mechanism of a printing, an embossing, or a printing and embossing press, the combination of a screw plunger, a renewable wearing button attached thereto, plunger raising, locking and releasing means, a movable die block, and a renewable wearing piece carried by said die block, as set forth.

Specification, £1 8s. Drawings on application.

Application No. 2865.—JOSEPH YARDLEY JOHNSTON, of 22 Bride Lane, London, England, Manufacturer of Steel Die and Plate Presses, *"Improvements in Means for Holding Paper or other Material whilst being operated upon in printing or embossing Presses."*—Dated 20th July, 1899.

Claims:—

1. A device for holding paper or other material whilst being operated upon in a printing, embossing, or printing and embossing press, comprising fingers adapted to rest upon the paper or other material, means for supporting, for guiding, and for raising and lowering at the required times the said fingers, as set forth.

2. A device for holding paper or other material whilst being operated upon in a printing, embossing, or printing and embossing press, comprising fingers adapted to rest upon the paper or other material, a longitudinally movable pin to which said fingers are attached, means for guiding said pin and attached parts, means for raising and lowering them at the required times, as set forth.

3. A device for holding paper or other material whilst being operated upon in a printing, embossing, or printing and embossing press, comprising fingers adapted to rest upon the paper or other material, a vertically movable pin to which said fingers are attached, rollers carried by said pin, a vertical face against which said rollers bear and means for raising and lowering said pin and attached parts at the required times, as set forth.

4. A device for holding paper or other material whilst being operated upon in a printing, embossing, or printing and embossing press, comprising fingers adapted to rest upon the paper or other material, a longitudinally movable pin to which said fingers are detachably connected, means for guiding said pin and detached parts and means for raising and lowering them at the required times, as set forth.

5. A device for holding paper or other material whilst being operated upon in a printing, embossing, or printing and embossing press, comprising fingers adapted to rest upon the paper or other material, means for supporting, for guiding and for raising and lowering at the required times the said fingers, and means for adjustably connecting said fingers to the supporting means, as set forth.

6. A device for holding paper and other material whilst being operated upon in a printing, embossing, or printing and embossing press, comprising fingers adapted to rest upon the paper or other material, a vertically movable pin, a cross bar detachably fitted to its upper end, a carriage which supports the fingers and which is mounted so as to be capable of sliding on said cross bar and means for raising and lowering the pin and its attached parts at the required times, as set forth.

7. A device for holding paper or other material whilst being operated upon in a printing, embossing, or printing and embossing press, comprising fingers adapted to rest upon the paper or other material, a longitudinally movable pin to which said fingers are attached, and a cam whereby the raising and lowering of said pin and fingers is effected, as set forth.

8. A device for holding paper or other material whilst being operated upon in a printing, embossing, or printing and embossing press comprising slotted fingers adapted to rest upon the paper or other material, a slotted cross bar, means for detachably securing said cross bar to said pin, a carriage adapted to slide on said cross bar and formed with holds, a clamping strip formed with tapped holes and set screws adapted to pass through said fingers, carriage, cross-bar into the clamping strip, as set forth.

9. A device for holding paper or other material whilst being operated upon in a printing, embossing, or printing and embossing press, comprising fingers adapted to rest upon the paper or other material, a vertically movable pin to which said fingers are attached, rollers carried by said pin, a vertical face against which said rollers bear, a cam-roller carried by said pin and a rotary cam bearing against said roller, as set forth.

10. A device for holding paper or other material whilst being operated upon in a printing, embossing, or printing and embossing press, comprising fingers adapted to rest upon the paper or other material, a longitudinally movable pin with dovetailed head, a cross bar to which said fingers are secured and formed with a transverse recess fitting said head, and a spring bolt carried by said pin and adapted to engage with said cross bar, as set forth.

11. A device for holding paper or other material whilst being operated upon in a printing, embossing, or printing and embossing press, comprising fingers adapted to rest upon the paper or other material, means for supporting, for guiding and for raising and lowering at the required times the said fingers, and an adjustable stop for limiting the downward movement of the said fingers, as set forth.

Specification, 10s. Drawings on application.

Application No. 2866.—JOSEPH YARDLEY JOHNSTON, of 22 Bride Lane, London, England, Manufacturer of Steel Die and Plate Presses, *"Improvements in or relating to the Dies, or the like, and Inking Devices of Presses for Printing or Embossing."*—Dated 20th July, 1899.

Claims:—

1. The combination with means for clamping or holding in position the dies or the like of printing or printing and embossing presses, or adjustable means for regulating contact between said dies or the like and the inking devices of the press, as set forth.

2. The combination with die clamping jaws of adjustable means for regulating contact between said dies or the like and the inking devices of the press, as set forth.

3. The combination with die clamping jaws of which the forward or leading jaw is formed with lateral extensions of adjustable means carried by said extensions for regulating contact between said die and the inking device of the press, as set forth.

4. The combination of a pair of die clamping jaws, means for causing them to grip a die and vertically adjustable guards, as set forth.

5. The combination with a die clamping jaw having lateral extensions each formed with an opening, a vertically adjustable block located in each of said openings and means for adjusting said block, as set forth.

6. The combination with a die clamping jaw having lateral extensions each formed with an opening, a vertically adjustable block located in each of said openings and formed with a renewable wearing surface and means for adjusting said block, as set forth.

7. The combination with a die clamping jaw having lateral extensions each formed with an opening, a vertically adjustable block located in each of the said openings and formed with a renewable wearing surface and with a half nut, a screw engaging in said half nut and means for preventing said screw moving longitudinally, as set forth.

8. The combination with a die block having a dovetail groove of a pair of clamp jaws each formed with projections fitting in said groove, means for causing said clamp jaws to move towards and from each other, vertically adjustable blocks contained in openings formed in lateral extensions of the forwards or leading clamping jaw, and having renewable wearing surface and half nuts, screws engaging in said half nuts and each formed with a recess into which a part collar formed on the clamp jaw enters, as set forth.

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

Application No. 2867.—JOSEPH YARDLEY JOHNSTON, of 22 Bride Lane, London, England, Manufacturer of Steel Die and Plate Presses, "*Improvements in Presses for Printing or Embossing.*"—Dated 20th July, 1899.

Claims:—

1. In a printing, embossing or printing and embossing press the combination of a device adapted to give an impression, a device adapted to resist the impression blow, means for causing said devices to come in contact at the required times and a layover device adapted to rest upon the material which is to receive the impression at the required times so as to hold it in position between said devices but out of contact with the edges of the impression device and prevent it being carried away therewith, as set forth.

2. In a printing, embossing or printing and embossing press of the kind in which a die-carrying arm is fixed to an intermittently revolved shaft, the combination with said die-carrying-arm and shaft of a die adapted to give an impression, a device adapted to resist the impression blow, means for causing said devices to come in contact at the required times and a layover device adapted to rest upon the material which is to receive the impression at the required times so as to hold it in position between said devices but out of contact with the edges of the impression device and prevent it being carried away therewith, and a cam carried by said shaft and adapted to operate said layover device at the required times, as set forth.

3. In a printing, embossing or printing and embossing press of the kind in which a die-carrying arm is fixed to an intermittently revolved shaft, the combination with said die-carrying arm and shaft of a die, a die inking apparatus, a die wiping apparatus, a device adapted to receive the impression blow, means for causing the die to give the impression blow, a layover device and cams carried by said shaft and adapted to operate at the required times, the wiping apparatus and the layover device, as set forth.

4. In a printing, embossing or printing and embossing press of the kind in which a die-carrying arm is fixed to an intermittently revolved shaft, the combination with said die-carrying arm and shaft of a die, a die inking apparatus a die wiping apparatus, comprising a wiping pad and a strip of paper adapted to be intermittently fed across said pad, a device adapted to receive the impression blow, means for causing the die to give the impression blow, a lay over device and cams carried by said shaft and adapted to operate at the required times, the wiping apparatus and the lay over device, and to feed the paper strip, as set forth.

5. In a printing, embossing or printing and embossing press of the kind in which a die-carrying arm is intermittently revolved from a continuously driven shaft, the combination of a die-inking apparatus, a die wiping apparatus, means for holding the die in its printing attitude, means for causing it to give the impression and means for scraping from the wiping material ink deposited thereon during the wiping operation as set forth.

6. In a printing, embossing or printing and embossing press of the kind in which a die-carrying arm is intermittently revolved from a continuously driven shaft, the combination of gear for causing the revolution of said arm, means for locking said arm in the printing position, and means for gradually setting said die arm into motion independently of said gear, as set forth.

7. In a printing, embossing or printing and embossing press of the kind in which a die-carrying arm is intermittently revolved from a continuously driven shaft, the combination with die-arm locking means of a rotary cam, a lever actuated by said cam, a locking block engaged by said lever and a projection on said die arm capable of being held by said block, a wedge surface on said lever and another wedge surface carried by the die arm as set forth.

8. In a printing, embossing or printing and embossing press of the kind in which a die-carrying arm is intermittently revolved from a continuously driven shaft, the combination with die arm locking means of a rotary cam, a lever actuated by said cam, a locking block engaged by said lever fitting and sliding in a rectangular channel in part of the press frame, a wear compensating strip adjusted by a screw, and a projection on said die arm capable of being held by said block, a wedge surface on said lever and another wedge surface carried by the die arm as set forth.

9. In a printing, embossing or printing and embossing press the combination with the press frame of an anvil surface, frames fixed around said anvil surface, a fixed pin adapted to enter a recess on one side of a counter plate, the under edges of which are recessed to receive removing tools, as set forth.

10. In a printing, embossing or printing and embossing press of the kind in which a die-carrying arm is intermittently revolved from a continuously driven shaft, the combination of a die-inking apparatus, a die wiping apparatus, means for holding the die in its printing attitude, means for causing it to give the impression, a continuously driven main shaft constantly geared to said impression mechanism, means whereby said shaft may be geared at will to said die arm revolving mechanism, as set forth.

11. In a printing, embossing or printing and embossing press of the kind in which a die-carrying arm is intermittently revolved from a continuously driven shaft, the combination of a die-inking apparatus, a die wiping apparatus, means for holding the die in its printing attitude, means for causing it to give the impression, a continuously driven main shaft constantly geared to said impression mechanism, a pinion capable of being slid along the said shaft, a feather connection between said shaft and pinion, means for fixing said pinion in or out of gear with the die arm revolving mechanism, as set forth.

12. In a printing, embossing or printing and embossing press of the kind in which a die-carrying arm is intermittently revolved from a continuously driven shaft, the combination of a die-inking apparatus, a die wiping apparatus and means for causing the die to give an impression comprising a vertical screw plunger carrying a weighted fly-wheel and a pinion spring-pressed racks engaging said pinion and contained in tubular boxes provided with screw-spindles a continuously rotating driving part, means for intermittently connecting said plunger thereto and for locking and releasing the said parts, as set forth.

13. In a printing, embossing or printing and embossing press of the kind in which a die-carrying arm is intermittently revolved from a continuously driven shaft, the combination of die-wiping apparatus, means for causing the die to give an impression and an apparatus for inking the face of an impression device comprising a reservoir formed with pins or projections, an inking roller fed with ink from said reservoir, a vertically adjustable spring supported table carried by the press frame, sockets formed in said table and adapted to receive the pins or projections on the reservoir, whereby the reservoir and its appurtenances are accurately located and secured in the exact position required, as set forth.

14. In a printing, embossing or printing and embossing press of the kind in which a die-carrying arm is intermittently revolved from a continuously driven shaft, the combination of die-inking apparatus, means for causing the die to give an impression and apparatus for wiping the impression surfaces comprising a frame, wiping paper rollers carried thereby, means for operating said rollers so as to intermittently feed wiping paper forward and present a fresh wiping surface to the die, a table supported on springs and provided with a pad over which the paper is drawn by said rollers, a lever supporting said frame, a cam carried by the die-arm shaft and adapted to raise said lever and frame at the required times and a device for scraping ink off the wiping paper, as set forth.

15. In a printing, embossing or printing and embossing press of the kind in which a die-carrying arm is intermittently revolved from a continuously driven shaft, the combination of a die-inking apparatus, a die-wiping apparatus, means for causing the die to give an impression and a device adapted to resist the impression blow, means for holding paper or other material whilst being operated upon comprising adjustable plates or fingers, means for supporting and guiding and raising and lowering at the required times, which plates or fingers are adapted to bear upon the material to be impressed around the device which is to resist the impression blow, as set forth.

16. In a printing, embossing or printing and embossing press of the kind in which a die-carrying arm is intermittently revolved from a continuously driven shaft, the combination of a die-inking apparatus including a spring-supported inking roller, a die-wiping apparatus, means for causing the die to give an impression, clamping jaws connected to the die block of the press and capable of being caused to grip the die and at the same time centre it under the block, the forward or leading jaw of which is formed with laterally projecting ends fitted with vertically adjustable guards adapted to depress the spring-supported inking roller as set forth.

Specification, £2 10s. Drawings on application.

Application No. 2877.—JOSEF LUDWIG HAWLICZEK, of Linnet Lane, Liverpool, in the County of Lancaster, United Kingdom of Great Britain and Ireland, Manufacturing Chemist, and HENRY LLOYD SNAPE, of Aberystwith College, Aberystwith, in the County of Cardigan, United Kingdom aforesaid, Doctor of Science, "*Improvements connected with Gold Extraction by the Cyanide Process.*"—Dated 22nd February, 1900.

Claims:—

1. The herein described improvement connected with the extraction of gold by the cyanide process, namely, the recovery of cyanogen compounds or substances from the sump liquor, or equivalent liquor, of such process, by rendering the said compounds or substances insoluble by treating the liquor with metal salts or oxides or hydro-oxides, and subsequently separating the insoluble metal cyanides so formed from the liquor: for the purposes specified.

2. In the recovery of cyanogen compounds from the sump liquor, or equivalent liquor, of the cyanide process of gold extraction, the simultaneous recovery of cyanide from sulpho-cyanide, and other metal cyanides contained in the alkaline or neutral sump liquor, or equivalent liquor, by treating it—the liquor—with cuprous chloride, and another metal salt or oxide or hydro-oxide, or other metal salts or oxides, or hydro-oxides; substantially as and for the purposes set forth.

3. The herein described improvement connected with the extraction of gold by the cyanide process, namely, the recovery of cyanogen compounds or substances from the sump liquor, or equivalent liquor, by treating said liquor with metal salts or oxides, or hydro-oxides, and by violently agitating the liquor so treated subsequently: for the purposes described.

4. The simultaneous and continuous recovery of cyanogen compounds or substances from the sump liquor, or equivalent liquor, of the cyanide process of gold extraction by metal salts or oxides or hydro-oxides, and by the treatments, operations, and means, as herein set forth.

Specification, 12s. Drawings on application.

R. G. FERGUSON,
Acting Registrar of Patents.

Patent Office, Perth,
16th March, 1900.

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. 11, 16th March, 1900.

Application No. 2863.—JOSEPH YARDLEY JOHNSTON, of 22 Bride Lane, London, England, Manufacturer of Steel Die and Plate Presses, "*Improvements in Inking Apparatus for Printing Presses.*"—Dated 18th July, 1899.

Specification, 15s. 6d. Drawings on application.

Application No. 2864.—JOSEPH YARDLEY JOHNSTON, of 22 Bride Lane, London, England, Manufacturer of Steel Die and Plate Presses, "*Improvements in means for Wiping or Removing Superfluous Ink from the Dies of Printing Presses.*"—Dated 20th July, 1899.

Specification, £1 1s. Drawings on application.

Application No. 2868.—HURRY AND SEAMAN'S PATENTS, LIMITED, of London, England (Assignee of EDWARD HENRY HURRY and HARRY JOHN SEAMAN), "*New or improved Process and Apparatus for the manufacture of Portland and other similar Cement.*"—Dated 16th February, 1900.

Specification, 16s. Drawings on application.

Application No. 2869.—HURRY AND SEAMAN'S PATENTS, LIMITED, of London, England (Assignee of EDWARD HENRY HURRY and HARRY JOHN SEAMAN), "*Improvements in Process and Apparatus for the manufacture of Portland Cement, parts of which are applicable to other purposes.*"—Dated 16th February, 1900.

Specification, £1 15s. Drawings on application.

Application No. 2870.—HURRY AND SEAMAN'S PATENTS, LIMITED, of London, England (Assignee of EDWARD HENRY HURRY and HARRY JOHN SEAMAN), "*Improvements in the Refractory Lining of Rotary Cement Furnaces and in the method of applying the same.*"—Dated 16th February, 1900.

Specification, 6s.

Application No. 2871.—JOHN COATES, of 23 Sparks Street, Ottawa, Canada, Civil Engineer (Assignee of GEORGE ROSCOE COTTRELL), "*Apparatus for Measuring and Mixing Gas and Air.*"—Dated 20th February, 1900.

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

Application No. 2876.—ROBERT REID, Engineer, and REGINALD LEWIS BENNETT, gentleman, both of 290a Little Collins Street, Melbourne, Victoria, "*Improvements in and connected with Punkas.*"—Dated 22nd February, 1900.

Specification, 10s. Drawings on application.

R. G. FERGUSON,
Acting Registrar of Patents.

Patent Office, Perth,
9th March, 1900.

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For particulars of claims, vide Gazette No. 10, 9th March, 1900.

Application No. 2684.—RICHARD SPARROW, of Perth, Western Australia, Licensed Patent Agent (Benjamin Garver Lamme), "*Improvements in Alternating Current Induction Motors.*"—Dated 16th September, 1899.

Specification, 3s. Drawings on application.

Application No. 2830.—HARRY EDWARD GRESHAM, of Manchester, England, "*Improvements in or applicable to Mechanism for actuating Brakes for Railway Wagons or Vehicles.*"—Dated 20th January, 1900.

Specification, 15s. Drawings on application.

Application No. 2833.—JOSEPH SMITH, of Salt Lake City, U.S.A., Inventor, "*Improvements in the Treatment of Gold and Silver Ores.*"—Dated 23rd January, 1900.

Specification, 10s.

Application No. 2842.—JOSEF DIETHER, Engineer, Niederlahnstein, and MAXIMILIAN MERZ, Mining Engineer, Aulendorf, Germany, "*Process for the treatment of Refractory Gold Ores.*"—Dated 30th January, 1900.

Specification, 7s. 6d.

Application No. 2855.—WILLIAM KINGSLAND, of London, England, Electrical Engineer, "*Improvements in and connected with Electrical Traction on a Sectional Conductor System.*"—Dated 9th February, 1900.

Specification, 14s. 6d. Drawings on application.

Application No. 2856.—WILLIAM KINGSLAND, of London, England, Electrical Engineer, "*Improvements in or connected with surface contact studs for Electric Traction.*"—Dated 9th February, 1900.

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

Application No. 2857.—MANETHO CORTES JACKSON, Manufacturer; JOHN McDONOUGH, Mining, and ARTHUR JOHN CLARK, Mining, all of Denver, Colorado, U.S.A., "*Improvements in Rock-drilling Machines.*"—Dated 10th February, 1900.

Specification, 18s. Drawings on application.

Application No. 2858.—WILLIAM JAMES DAVY, of East Finchley, England, Engineer, and CHARLES WILLIAMSON MILNE, of London, England, Gentleman, "*Improvements in Electric Arc Lamps.*"—Dated 13th February, 1900.

Specification, 14s. Drawings on application.

R. G. FERGUSON,
Acting Registrar of Patents.

Patent Office, Perth,
2nd March, 1900.

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For particulars of claims, vide Gazette No. 9, 2nd March, 1900.

Application No. 2849.—HENRY BOWEN HAIGH, of 265 McDonough Street, Brooklyn, U.S.A., President, "*Improvements in Elastic Heels for Shoes.*"—Dated 3rd February, 1900.

Specification, 6s. Drawings on application.

Application No. 2850.—WRIGHT'S TAPER-ROLLER BEARINGS SYNDICATE, LIMITED, of London, England (Assignee of WILLIAM HAMILTON WRIGHT)—"*Improvements in or relating to Roller Bearings.*"—Dated 3rd February, 1900.

Specifications, 6s. Drawings on application.

Application No. 2851.—FREDERICK WILLIAM BRAUN, of Los Angeles, California, U.S.A., Merchant Chemist (Assignee of ALBERT CHAMPLIN CALKINS), "*An improved Cupel Compressing Machine.*"—Dated 5th February, 1900.

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

Application No. 2852.—ALEXANDER FORIN, of Nelson, Canada, Medical Doctor, "*An improved Sash Fastener and Holder.*"—Dated 9th February, 1900.

Specification, 4s. Drawings on application.

Application No. 2853.—JOSEPH ROSS, Engineer, and WILLIAM DOUGLAS CAIRNEY, Chartered Accountant, both of Glasgow, Scotland, "*Improvements in Explosives.*"—Dated 9th February, 1900.

Specification, 3s. 6d.

Application No. 2854.—DARLING'S PATENT AUTOMATIC COUPLING, LIMITED, of Glasgow, Scotland (Assignee of JOHN DARLING and JOHN DARLING, JUNIOR), "*Improvements in automatically Coupling and Uncoupling Railway Carriages, Waggon, and other Vehicles.*"—Dated 9th February, 1900.

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

Application No. 2859.—DAN LICHTENBERG-MADSEN, of 31 Nedergade, Odense, in the Kingdom of Denmark, Printer, "*Improvements relating to the reproduction of Cliches, Stamps, and the like in Cellulose.*"—Dated 13th February, 1900.

Specification, 4s.

Application No. 2860.—GEORGE RENWICH ROBERTSON, of Sydney, New South Wales, Engineer, "*An improved Fastening for Hoop Irons, with which bales containing wool and other soft produce are secured.*"—Dated 13th February, 1900.

Specifications, 3s. Drawings on application.

R. G. FERGUSON,
Acting Registrar of Patents.

Patent Office, Perth,
23rd February, 1900.

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For particulars of claims, vide Gazette No. 8, 23rd February, 1900.

Application No. 2584.—ALEXANDER JAMES SMITH, Merchant, of 11 Gladstone Place, and ALEXANDER GEORGE SMITH, Optician, 9 Forest Road, both of Aberdeen, "*Improvements in Acetylene Gas Generators.*"—Dated, 27th June, 1899.

Specification, 12s. Drawings on application.

Application No. 2689.—CHARLES BREZZO, of Menzies Hotel, Melbourne, Victoria, Professional Chef, "*An improved Refrigerator.*"—Dated 19th September, 1899.

Specification, 5s.

Application No. 2723.—DAVID GILMOUR, of Dundas Street, Trenton, Canada, Manufacturer, "*Improvements in the manufacture of Lumber.*"—Dated 10th October, 1899.

Specification, 6s. Drawings on application.

R. G. FERGUSON,
Acting Registrar of Patents.

Patent Office, Perth,
16th February, 1900.

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For particulars of claims, vide Gazette No. 7, 16th February, 1900.

Application No. 2618.—WILLIAM TAMO, JOSEPH EMBLETON, and JOHN BALLANTYNE, all of Burbanks, near Coolgardie, Western Australia, Miners, "*Improved Stage Support Bar for use in Mines.*"—Dated 28th July, 1899.

Specification, 2s. 6d. Drawings on application.

Application No. 2771.—DAVID HATT, of Broad Arrow, Western Australia, Plumber, "*An Improved Construction of Condenser for Evaporating Salt or Impure Water.*"—Dated 16th November, 1899.

Specification, 2s. 6d. Drawings on application.

Application No. 2844.—THOMAS ALVA EDISON, of Llewellyn Park, in the County of Essex and State of New Jersey, U.S.A., Inventor, "*An Improved Method of and Apparatus for Breaking Rock.*"—Dated 30th January, 1900.

Specification, 7s. Drawings on application.

Application No. 2845.—THOMAS ALVA EDISON, of Llewellyn Park, in the County of Essex and State of New Jersey, U.S.A., Inventor, "*Improvements in Elevators and Conveyors.*"—Dated 30th January, 1900.

Specification, 6s. Drawings on application.

R. G. FERGUSON,
Acting Registrar of Patents.

Patent Office, Perth,
9th February, 1900.

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For particulars of claims, vide Gazette No. 6, 16th February, 1900.

Application No. 2831.—CHARLES HENRY WATERMAN, of Pompton Plains, Morris County, New Jersey, United States of America, Manager, "*Process for Enamelling.*"—Dated 20th January, 1900.

Specification, 7s. Drawings on application.

Application No. 2839.—JOHN VAUGHAN SHERRIN, of 28 Victoria Street, Westminster, in the County of Middlesex, England, Electrical Engineer, "*Improvements in the Manufacture of Varnishes, Drying Oils, Enamel Paints, and Wool Washes, applicable also as Insecticides and other purposes.*"—Dated 30th January, 1900.

Specification, 8s.

Application No. 2840.—THE "N.L." SYNDICATE, LIMITED, of Finsbury House, Blomfield Street, London, England (Assignee of FRANZ GATZSCHE), "*Improvements in Floorcloth and in the method of manufacturing the same.*"—Dated 30th January, 1900.

Specification, 3s. 6d.

Application No. 2841.—THE "N.L." SYNDICATE, LIMITED, of Finsbury House, Blomfield Street, London, England (Assignee of FRANZ GATZSCHE), "*Improvements in Soles and Heels for Boots and Shoes and in the method of manufacturing the same.*"—Dated 30th January, 1900.

Specification, 3s.

Application No. 2843.—ESTHER NABLE, of Castle-reagh Street, Redfern, in the Colony of New South Wales, Married Lady, "*Improvements in Garment Pockets.*"—Dated 30th January, 1900.

Specification, 2s. 6d. Drawings on application.

MALCOLM A. C. FRASER,
Registrar of Patents.

Patent Office, Perth,
2nd February, 1900.

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. 5, 2nd February, 1900.

Application No. 2579.—HARRY PHILLIPS DAVIS, of Pittsburgh, Pennsylvania, U.S.A., Electrical Engineer; GILBERT WRIGHT, of Wilkesburg, Pennsylvania, U.S.A., Electrical Engineer, and ALEXANDER JAY WURTS, of Pittsburgh, Pennsylvania, U.S.A., Engineer, "*Improvements in Controllers for Electric Motors.*"—Dated 26th June, 1899.

Specification, 10s. Drawings on application.

Application No. 2602.—LAMBERT ALLAN MURDOCH MCKAIL, of Auburn, in the Colony of Victoria, Cashier, "*An Improved Sash-fastener.*"—Dated 18th July, 1899.

Specification, 6s. Drawings on application.

Application No. 2642.—BADISCHE ANILIN and SODA FABRIK, of Ludwigshafen-on-Rhine, German Empire (Assignee of RUDOLF KNIETSCH), "*Improvements in the Manufacture of Sulphuric Anhydride.*"—Dated 16th August, 1899.

Specification, £1 12s. Drawings on application.

Application No. 2681.—RICHARD FRANCIS MARSH, of East Maitland, New South Wales, Engineer, "*An improved Rotary Moir, to be operated by fluid pressure.*"—Dated 16th September, 1899.

Specification, 8s. Drawings on application.

Application No. 2690.—RICHARD SPARROW, of Perth, Western Australia, Licensed Patent Agent (*Henry James Kimman and Edward Nash Hurley*), "*Improvements in Portable Pneumatic Drills and like tools.*"—Dated 19th September, 1899.

Specification, 13s. Drawings on application.

Application No. 2704.—DAVID GILMOUR, of Trenton, Canada, Lumber Manufacturer, "*Improvements in the Manufacture of Lumber.*"—Dated 26th September, 1899.

Specification, 7s. Drawings on application.

Application No. 2818.—ALEXANDER IMSCHENETZKY, of No. 20 Snamenskaia, St. Petersburg, Russia, Colonel, "*Improvements in and relating to the manufacture of Fire-resisting Materials.*"—Dated 12th January, 1900.

Specification, 6s. 6d.

Application No. 2819.—WILHELM SCHMIDT, of Wilhelmshöhe, near Cassel, German Empire, "*Improved Arrangement for Drying and Superheating Wet Steam.*"—Dated 12th January, 1900.

Specification, 2s. 6d. Drawings on application.

Application No. 2820.—WILHELM SCHMIDT, of Wilhelmshöhe, near Cassel, German Empire, Engineer, "*Arrangement for Regulating Superheated Steam in Compound Engines.*"—Dated 12th January, 1900.

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

Application No. 2821.—WILHELM SCHMIDT, of Wilhelmshöhe, near Cassel, German Empire, Engineer, "*Improvements in Compound Machines.*"—Dated 12th January, 1900.

Specification, 2s. 6d. Drawings on application.

Application No. 2822.—JAMES GALLOWAY, of 20 Leith Walk, Leith, Scotland, and WILLIAM WORK SLATER, of 13 Rutland Square, Edinburgh, Scotland, "*Improvements in Apparatus for the economical treatment of Auriferous Matters.*"—Dated 12th January, 1900.

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

Application No. 2823.—HENRY NIELD BICKERTON, Engineer, and HENRY WENTWORTH BRADLEY, Engineer, both of Wellington Works, Ashton-under-Lyne, Lancashire, England, "*Improvements in Oil and Gas Engines.*"—Dated 12th January, 1900.

Specification, 6s. Drawings on application.

Application No. 2824.—BERNHARD HOFFMANN, Engineer, of 1 rue Marché aux Herbes, Luxembourg (Assignee of QUINTIN MARINO), "*Improvements in the Composition of Baths for Electrolysis.*"—Dated 13th January, 1900.

Specification, 6s. 6d.

Application No. 2825.—ROBERT TINDALE, of 384 Murray Street, Perth, Modeller, "*An Improved Ventilator.*"—Dated 16th January, 1900.

Specification, 1s. Drawings on application.

Application No. 2826.—HENRY BRABY, of Ayr, Queensland, Consulting Engineer, "*Improvements in Steam Generators.*"—Dated 16th January, 1900.

Specification, 8s. Drawings on application.

Application No. 2827.—GEORGE WEBSTER, of Parramatta, New South Wales, Engineer, "*Improvements in machines for extracting gold from finely divided metalliferous materials.*"—Dated 16th January, 1900.

Specification, 6s. Drawings on application.

Application No. 2828.—HENRY JAMES KIMMAN and EDWARD NASH HURLEY, both of Chicago, Illinois, U.S.A., Manufacturers, "*Improvements in direct-acting Engines, principally for use in connection with pneumatic hammers.*"—Dated 18th January, 1900.

Specification, £1 2s. 6d. Drawings on application.

MALCOLM A. C. FRASER,
Registrar of Patents.

Patent Office, Perth,
26th January, 1900.

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For particulars of claims, vide Gazette No. 4, 26th January, 1900.

Application No. 2594.—RICHARD SPARROW, of Perth, Western Australia, Licensed Patent Agent (*Harry Phillips Davis and Frank Conrad*), "*Improvements in Electrical Measuring Instruments*."—Dated 8th July, 1899.

Specification, 3s. Drawings on application.

Application No. 2619.—JOHN FAIRFAX CONIGRAVE, of Hay Street, Perth, Western Australia, Licensed Patent Agent (*Harry Phillips Davis*), "*Improvements in Fuse Blocks for Electric Circuits*."—Dated 31st July, 1899.

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

Application No. 2620.—JOHN FAIRFAX CONIGRAVE, of Hay Street, Perth, Western Australia, Licensed Patent Agent (*Benjamin Garver Lamme*), "*Improvements in Dynamo-Electric Machines*."—Dated 31st July, 1899.

Specification, 4s. Drawings on application.

Application No. 2627.—RICHARD SPARROW, of Perth, Western Australia, Licensed Patent Agent (*Harry Phillips Davis and Gilbert Wright*), "*Improvements in Circuit Breakers*."—Dated 5th August, 1899.

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

Application No. 2635.—RICHARD SPARROW, of Perth, Western Australia, Licensed Patent Agent (*Ralph Davenport Mershon*), "*Improvements relating to the Distribution of Electrical Power*."—Dated 15th August, 1899.

Specification, 10s. Drawings on application.

Application No. 2644.—JOHN FAIRFAX CONIGRAVE, of Eagle Chambers, Hay Street, Perth, Western Australia, Licensed Patent Agent (*Harry Phillips Davis and Gilbert Wright*), "*Improvements in Controllers for Electric Motors*."—Dated 21st August, 1899.

Specification, 7s. Drawings on application.

Application No. 2651.—RICHARD SPARROW, of Perth, Western Australia, Licensed Patent Agent (*Harry Phillips Davis*), "*Improvements in Fuse-blocks for Electric Circuits*."—Dated 26th August, 1899.

Specification, 2s. Drawings on application.

Application No. 2661.—JOHN FAIRFAX CONIGRAVE, of Perth, Western Australia, Licensed Patent Agent (*Gilbert Wright and Christian Aalborg*), "*Improvements in Switches for Electric Circuits*."—Dated 2nd September, 1899.

Specification, 9s. Drawing on application.

Application No. 2674.—JOHN FAIRFAX CONIGRAVE, of Hay Street, Perth, Western Australia, Licensed Patent Agent (*Benjamin Garver Lamme*), "*Improvements in Systems of Electrical Distribution*."—Dated 11th September, 1899.

Specification, 2s. 6d. Drawings on application.

Application No. 2683.—RICHARD SPARROW, of Perth, Western Australia, Licensed Patent Agent (*Benjamin Garver Lamme and John Purington Mallett*), "*Improvements in Electrical Machines*."—Dated 16th September, 1899.

Specification, 5s. Drawings on application.

Application No. 2685.—RICHARD SPARROW, of Perth, Western Australia, Licensed Patent Agent (*Benjamin Garver Lamme*), "*Improvements in Single Phase Alternating Current Generators*."—Dated 16th September, 1899.

Specification, 2s. Drawings on application.

Application No. 2706.—SOREN LEMVIG FOG, Engineer, and AAGE GEORG KIRSCHNER, Chemist, both of Copenhagen, Denmark, "*A Process for making Headless Matches*."—Dated 27th September, 1899.

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

Application No. 2805.—WILLIAM PERCY JONES, of Manaccan Board School, St. Martins, R.S.O., in the County of Cornwall, Schoolmaster, and HENRY MONTAGUE BATES, of 31 Elgin Crescent, Bayswater, in the County of London, England, Gentleman, "*A new or improved Match*."—Dated 19th December, 1899.

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

Application No. 2807.—VALDEMAR POULSEN, of 17 Alhambravej, Copenhagen, Denmark, Engineer, "*A method of and apparatus for effecting the Storing up of Speech or Signals by magnetically influencing magnetisable bodies*."—Dated 19th December, 1899.

Specification, £1 10s. Drawings on application.

Application No. 2808.—THE MOULDING SYNDICATE, LIMITED, of 101 Grosvenor Road, London, England, Manufacturers (Assignee of HARRIS TABOR and EDGAR HUIDEKOPER MUMFORD), "*Improvements in Moulding Machines for making Metal Castings*."—Dated 19th December, 1899.

Specifications, 18s. Drawings on application.

Application No. 2810.—JAMES SWINBURNE, Engineer, and EDGAR ARTHUR ASHCROFT, Mining Engineer, Grosvenor Mansions, 82 Victoria Street, Westminster, London, England, "*Improvements in the treatment of Sulphide Ores*."—Dated 11th July, 1899. (Filed under Section 3 of Amendment Act, 1894.)

Specification, 7s. Drawings on application.

Application No. 2813.—WILHELM WITTER, of Hohe Bleichen 36, Hamburg, Germany, Engineer, "*Process for producing a Solution of Cyanogen Chloride or Bromide, and applying the same for the Extraction of Precious Metals from their Ores*."—Dated 30th December, 1899.

Specification, 4s. Drawings on application.

Application No. 2814.—VICTOR BELANGER, of Sea View, Marshfield, Massachusetts, U.S.A., gentleman, "*Spinning or Twisting Machines*."—Dated 5th January, 1900.

Specification, £1 1s. Drawings on application.

Application No. 2815.—HENRY JAMES KIMMAN, Machinist, of Chicago, Illinois, U.S.A., "*Improvements in and relating to Pneumatic Drills and the like*."—Dated 5th January, 1900.

Specification, 7s. Drawings on application.

Application No. 2816.—S. H. JOHNSON AND COMPANY, LIMITED, of Stratford, Essex, England (Assignee of SAMUEL HENRY JOHNSON and HENRY LIVINGSTONE SULMAN), "*Improvements in or relating to the Extraction of Metals from Ores or Slimes, and apparatus therefor*."—Dated 6th January, 1900.

Specification, 15s. Drawings on application.

MALCOLM A. C. FRASER,
Registrar of Patents.

Applications for Patents.

MARCH 3RD—17TH.

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

No.	Date.	Name.	Address.	Title.
2889	6th Mar., 1900	Kimman, H. J.	Chicago, U.S.A. ...	Improvements relating to pneumatic riveting apparatus.
*2890	9th Mar., 1900	Olsen, F. J., and Whitmore, E. H.	Christchurch, N.Z.	Improved apparatus for filtering water.
2891	9th Mar., 1900	Nable, D.	Redfern, N.S.W. ...	An improved detachable coat adjustment.
2892	9th Mar., 1900	Smethurst, E.	Christchurch, N.Z.	Improved hanging dropper for wire fencing.
*2893	12th Mar., 1900	Lyons, C. O.	Perth, W.A. ...	Improved fastening for sanitary covers.
2894	12th Mar., 1900	Blackwell, A. G.	Wynyard, Tas. ...	Improvements in railway car couplings.
2895	12th Mar., 1900	Blackwell, E. O.	Wynyard, Tas. ...	Improvements in door stops.
2896	14th Mar., 1900	Graham, A. D. (Assignee of J. C. Barnes)	Brisbane, Q. ...	An improved appliance for sharpening the combs and cutters of machine sheep-shears, horse-clippers, and the like.
*2897	15th Mar., 1900	Chapman, W.	Pittsburgh, U.S.A.	Improvements relating to electric railways.
2898	17th Mar., 1900	Dannhardt, F. H., and Mailer, M.	Melbourne, Victoria	An improved earth or rock drill.

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Name.	Title.	No.	Date.
Barnes, J. C.	<i>Vide</i> Graham, A. D.	2896	14th Mar., 1900
Blackwell, A. G.	Improvements in railway car couplings	2894	12th Mar., 1900
Blackwell, E. O.	Improvements in door stops	2895	12th Mar., 1900
Chapman, W.	Improvements relating to electric railways	2897	15th Mar., 1900
Dannhardt, F. H., and Mailer, M. ...	An improved earth or rock drill	2898	17th Mar., 1900
Graham, A. D. (assignee of J. C. Barnes)	An improved appliance for sharpening the combs and cutters of machine sheep-shears, horse-clippers, and the like	2896	14th Mar., 1900
Kimman, H. J.	Improvements relating to pneumatic riveting apparatus	2889	6th Mar., 1900
Lyons, C. O.	Improved fastening for sanitary covers	2893	12th Mar., 1900
Mailer, M., and Dannhardt, F. H. ...	<i>Vide</i> Dannhardt, F. H., and Mailer, M.	2898	17th Mar., 1900
Nable, D.	An improved detachable coat adjustment	2891	9th Mar., 1900
Olsen, F. J., and Whitmore, E. H. ...	Improved apparatus for filtering water	2890	9th Mar., 1900
Smethurst, E.	Improved hanging dropper for wire fencing	2892	9th Mar., 1900
Whitmore, E. H., and Olsen, F. J. ...	<i>Vide</i> Olsen, F. J., and Whitmore, E. H.	2890	9th Mar., 1900

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Title.	Name.	No.	Date.
Coat Adjustment	Nable, D.	2891	9th Mar., 1900
Couplings	Blackwell, A. G.	2894	12th Mar., 1900
Door Stops	Blackwell, E. O.	2895	12th Mar., 1900
Drill	<i>Vide</i> Rock Drill	2898	17th Mar., 1900
Dropper	Smethurst, E.	2892	9th Mar., 1900
Fastening	Lyons, C. O.	2893	12th Mar., 1900
Filtering	Olsen, F. J., and Whitmore, E. H.	2890	9th Mar., 1900
Railway Couplings	<i>Vide</i> Couplings	2894	12th Mar., 1900
Railways (electric)	Chapman, W.	2897	15th Mar., 1900
Riveting Apparatus	Kimman, H. J.	2889	6th Mar., 1900
Rock Drill	Dannhardt, F. H., and Mailer, M.	2898	17th Mar., 1900
Sanitary Covers	<i>Vide</i> Fastening	2893	12th Mar., 1900
Sharpening Tools	Graham, A. D.	2896	14th Mar., 1900
Wire Fencing	<i>Vide</i> Dropper	2892	9th Mar., 1900

Index of Patentees.

MARCH 3RD—17TH.

Name.	Title.	No.	Date.	Gazette.		
				Date.	No.	Page.
Chasles, A. L. P.	New or improved facing for the pedals of bicycles, the steps of carriages, the steps of staircases, and the like	2778	21st Nov., 1899	8th Dec., 1899	49	4101
Desrumaux's Automatic Water Softener and Purifier, Ltd. (assignee of H. Desrumaux)	Improvements in apparatus for purifying water and other liquids	2785	25th Nov., 1899	8th Dec., 1899	49	4102
Desrumaux, H.	<i>Vide</i> Desrumaux's Automatic Water Softener and Purifier, Ltd.	2785	25th Nov., 1899	8th Dec., 1899	49	4102
Green, G. H.	Improved mechanism for fare boxes and tills for receiving and automatically registering and recording fares	2783	22nd Nov., 1899	8th Dec., 1899	49	4102
Lowry, G. A.	<i>Vide</i> Turri, G. G.	2659	2nd Sept., 1899	8th Dec., 1899	49	4099
Lowry, G. A.	<i>Vide</i> Turri, G. G.	2660	2nd Sept., 1899	8th Dec., 1899	49	4100
Menz, R.	Improvements in cooling safes or chambers	2781	21st Nov., 1899	8th Dec., 1899	49	4101
Oxenham, S.	An improved automatic mode and apparatus for ejecting silt and deposit from tanks and cisterns	2776	21st Nov., 1899	8th Dec., 1899	49	4101
Oxenham, S.	An improved guard to protect house guttering from the intrusion of small birds and the deposit of refuse matter	2777	21st Nov., 1899	8th Dec., 1899	49	4101
Oxenham, S.	Appliance for straining water before it enters a storage tank	2775	21st Nov., 1899	8th Dec., 1899	49	4101
Richmond Gold and Silver Cigarette Co. (assignee of C. M. Richmond)	Improvements in cigarette wrappers ...	2784	25th Nov., 1899	8th Dec., 1899	49	4102
Richmond, C. M.	<i>Vide</i> Richmond Gold and Silver Cigarette Co.	2784	25th Nov., 1899	8th Dec., 1899	49	4102
Smith, J.	Improvements in apparatus for use as a meter, motor, pump, and similar purposes	2779	21st Nov., 1899	8th Dec., 1899	49	4101
Turri, G. G. (<i>G. A. Lowry</i>) ...	Apparatus for compressing fibrous or other material	2660	2nd Sept., 1899	8th Dec., 1899	49	4100
Turri, G. G. (<i>G. A. Lowry</i>) ...	Apparatus for making grass twine ...	2659	2nd Sept., 1899	8th Dec., 1899	49	4099

Index of Subjects of Patents Granted.

MARCH 3RD—17TH.

Title.	Name.	No.	Date.	Gazette.		
				Date.	No.	Page.
Cigarette Wrappers	Richmond Gold and Silver Cigarette Co.	2784	25th Nov., 1899	8th Dec., 1899	49	4102
Compressing Apparatus	Turri, G. G.	2660	2nd Sept., 1899	8th Dec., 1899	49	4100
Cooling Safe	Menz, R.	2781	21st Nov., 1899	8th Dec., 1899	49	4101
Ejecting Silt, etc.	Oxenham, S.	2776	21st Nov., 1899	8th Dec., 1899	49	4101
Facing for Pedals, Steps, etc....	Chasles, A. L. P.	2778	21st Nov., 1899	8th Dec., 1899	49	4101
Fare Boxes	<i>Vide</i> Registering Fares ...	2783	22nd Nov., 1899	8th Dec., 1899	49	4102
Grass Twine	Turri, G. G.	2659	2nd Sept., 1899	8th Dec., 1899	49	4099
Guard for Guttering	Oxenham, S.	2777	21st Nov., 1899	8th Dec., 1899	49	4101
Meter	Smith, J.	2779	21st Nov., 1899	8th Dec., 1899	49	4101
Motor	<i>Vide</i> Meter	2779	21st Nov., 1899	8th Dec., 1899	49	4101
Pump	<i>Vide</i> Meter	2779	21st Nov., 1899	8th Dec., 1899	49	4101
Purifying Water	Desrumaux's Automatic Water Softener and Purifier, Ltd.	2785	25th Nov., 1899	8th Dec., 1899	49	4102
Registering Fares	Green, G. H.	2783	22nd Nov., 1899	8th Dec., 1899	49	4102
Straining Water	Oxenham, S.	2775	21st Nov., 1899	8th Dec., 1899	49	4101
Twine	<i>Vide</i> Grass Twine	2659	2nd Sept., 1899	8th Dec., 1899	49	4099

Trade Marks.

Patent Office, Trade Marks Branch,
Perth, 23rd March, 1900.

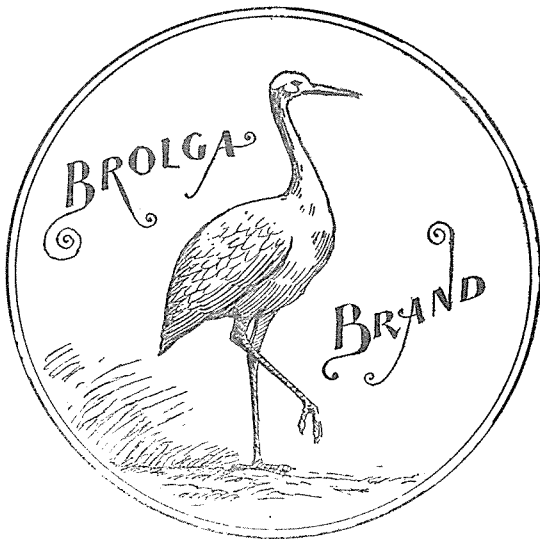
IT is hereby notified that I have received the under-mentioned Applications for the Registration of Trade Marks.

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.

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

Application No. 1791, dated 27th November, 1899.—ERNEST MYERS and JACOB MYERS (trading under the name or style of "E. & J. Myers"), of Lake Street, Perth, Western Australia Cordial, Vinegar, and Sauce Manufacturers, to register in Class 42, in respect of Cordials (non-alcoholic), Vinegars, and Sauces, a Trade Mark, of which the following is a representation:—



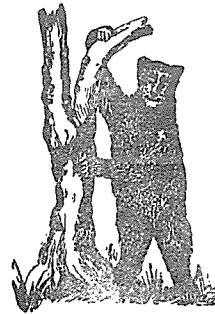
This Mark was first advertised in the *Western Australian Government Gazette* of the 26th January, 1900—*vide* notice at head of Trade Mark advertisements.

Application No. 1795, dated 28th November, 1899.—JOHN FRANCIS WEEDON, of Hobart, in the Colony of Tasmania, to register in Class 42, in respect of Dried and Canned Fruits, Jams, and Vegetables, a Trade Mark, of which the following is a representation:—



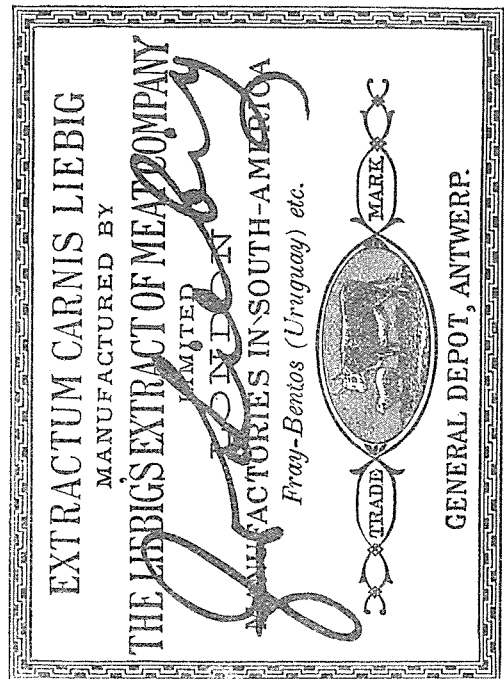
This Mark was first advertised in the *Western Australian Government Gazette* of the 26th January, 1900—*vide* notice at head of Trade Mark advertisements.

Application No. 1812, dated 30th December, 1899.—WILLIAM KING, of 11 Queen Victoria Street, London, England, Solicitor, to register in Class 50, s.s. 9, in respect of Hose and Steam Packing, a Trade Mark, of which the following is a representation:—



This Mark was first advertised in the *Western Australian Government Gazette* of the 26th January, 1900—*vide* notice at head of Trade Mark advertisements.

Application No. 1817, dated 6th January, 1900.—LIEBIG'S EXTRACT OF MEAT COMPANY, LIMITED, of 9 Fenchurch Avenue, London, England, and 21 Longue Rue des Claires, Antwerp, Belgium, Manufacturers of Liebig Company's Extract of Meat, and Manufacturers, Shippers, and Importers of South American Produce, to register, in Class 42, in respect of Substances used as Food or as Ingredients in Food, a Trade Mark, of which the following is a representation:—



The essential particulars of the Trade Mark are the Ox and Sheep Device and the facsimile signature "J. v. Liebig," and the applicants disclaim any right to the exclusive use of the added matter, except their name.

This Mark was first advertised in the *Western Australian Government Gazette* of the 26th January, 1900—*vide* notice at head of Trade Mark advertisements.

Application No. 1819, dated 16th January, 1900.—SAUL PHILIP ARONSON and GEORGE ALFRED ARONSON, trading as "Rosenthal, Aronson, & Co.," Wholesale Jewellers, at 123 William Street, Perth, Western Australia, to register, in

Class 10, in respect of Horological Instruments, a Trade Mark, of which the following is a representation :—

VICEROY.

This Mark was first advertised in the Western Australian *Government Gazette* of the 26th January, 1900—*vide* notice at head of Trade Mark advertisements.

Application No. 1820, dated 16th January, 1900.—SAUL PHILIP ARONSON and GEORGE ALFRED ARONSON (trading as "Rosenthal, Aronson, & Co."), Wholesale Jewellers, at 123 William Street, Perth, to register in Class 10, in respect of Horological Instruments, a Trade Mark, of which the following is a representation :—

WINDSOR.

This Mark was first advertised in the Western Australian *Government Gazette* of the 26th January, 1900—*vide* notice at head of Trade Mark advertisements.

Application No. 1821, dated 16th January, 1900.—ROBERT PORTER & COMPANY, LIMITED, of 39-47, late 77-79, Pancras Road, N.W., London, in England, Bottlers of Ale, Stout, Cider, and Mineral and Aerated Waters, to register in Class 44, in respect of Ginger Ale, Lemonade, Soda Water, Seltzer Water, Quinine Tonic, Sarsaparilla, Champana de Sidra, Sidra Gaseosa, Kola Champagne, and all other Mineral and Aerated Waters (natural and artificial), including Ginger Beer, a Trade Mark, of which the following is a representation :—



The essential particulars of the Trade Mark are the device of a Bull-dog, the words "Bull-dog," the copy of the written signature, "Robert Porter & Co.," our predecessors in business, and the combination of devices; and applicant Company disclaims any right to the exclusive use of the added matter, save and except their name and address.

This Mark was first advertised in the Western Australian *Government Gazette* of the 26th January, 1900—*vide* notice at head of Trade Mark advertisements.

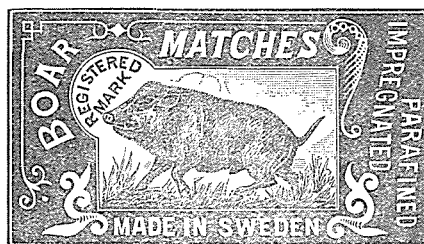
Application No. 1822, dated 20th January, 1900.—SAMUEL BERGHEIM, of 56 Duke Street, Grosvenor Square, London, England, Merchant, to register in Class 42, in respect of

substances used as Food or as Ingredients in Food, a Trade Mark, of which the following is a representation :—

PLASMON.

This Mark was first advertised in the Western Australian *Government Gazette* of the 26th January, 1900—*vide* notice at head of Trade Mark advertisements.

Application No. 1826, dated 23rd January, 1900.—JÖNKÖPINGS TÄNDSTICKS FABRIKS AKTIE BOLAG ("The Jönköpings Match Manufacturing Company, Limited"), of Jönköping, Sweden, to register in Class 47, in respect of Matches, a Trade Mark, of which the following is a representation :—



The essential particulars of the above Mark consist of the word "Boar" and the combination of devices, and applicant Company disclaims any right to the exclusive use of the added matter.

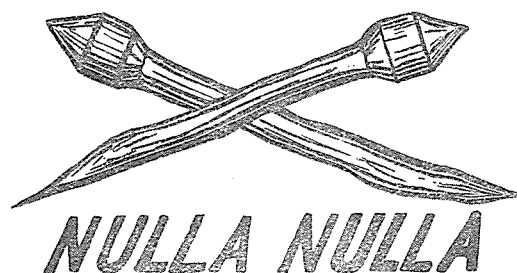
This Mark was first advertised in the Western Australian *Government Gazette* of the 2nd February, 1900—*vide* notice at head of Trade Mark advertisements.

Applications Nos. 1827-8, dated 23rd January, 1900.—LEVER BROTHERS, LIMITED, of Balmain, near Sydney, in the Colony of New South Wales, Soap Manufacturers, to register in Class 47, in respect of Common Soap, Detergents, Starch, Blue, and all other preparations for Laundry purposes. Application No. 1828, 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 :—

LUX.

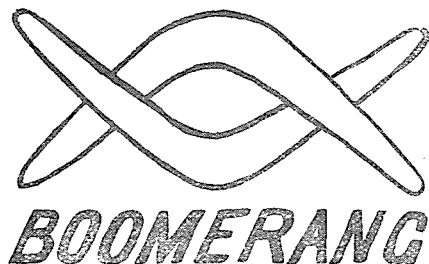
This Mark was first advertised in the Western Australian *Government Gazette* of the 2nd February, 1900—*vide* notice at head of Trade Mark advertisements.

Application 1831, dated 23rd January, 1900.—QUEENSLAND MILD CURE COMPANY, LIMITED, of Creek Street, Brisbane, in the Colony of Queensland, to register in Class 42, in respect of Dried, Smoked, and Cured Meat and Fish, and such like Comestibles, a Trade Mark, of which the following is a representation :—



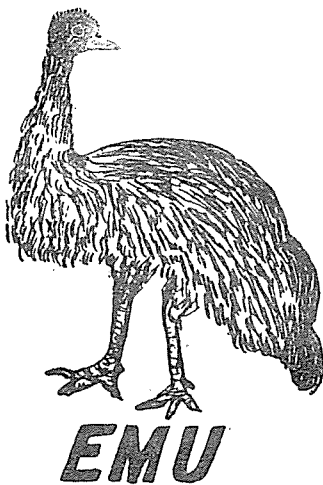
This Mark was first advertised in the Western Australian *Government Gazette* of the 2nd February, 1900—*vide* notice at head of Trade Mark advertisements.

Application No. 1833, dated 23rd January, 1900.—QUEENSLAND MILD CURE COMPANY, LIMITED, of Creek Street, Brisbane, in the Colony of Queensland, to register in Class 42, in respect of Dried, Smoked, and Cured Meat and Fish, and such like Comestibles, a Trade Mark, of which the following is a representation :—



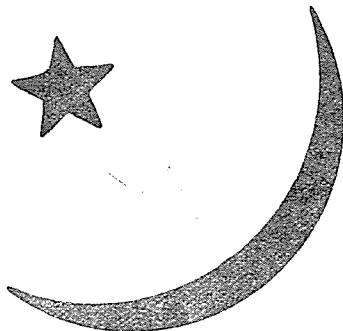
This Mark was first advertised in the Western Australian Government Gazette of the 2nd February, 1900—*vide* notice at head of Trade Mark advertisements.

Application No. 1834, dated 23rd January, 1900.—QUEENSLAND MILD CURE COMPANY, LIMITED, of Creek Street, Brisbane, in the Colony of Queensland, to register in Class 42, in respect of Dried, Smoked, and Cured Meat, Fish, and such like Comestibles, a Trade Mark, of which the following is a representation :—



This Mark was first advertised in the Western Australian Government Gazette of the 2nd February, 1900—*vide* notice at head of Trade Mark advertisements.

Application No. 1835, dated 23rd January, 1900.—QUEENSLAND MILD CURE COMPANY, LIMITED, of Creek Street, Brisbane, in the Colony of Queensland, to register in Class 42, in respect of Dried, Smoked, and Cured Meat, Fish, and such like Comestibles, a Trade Mark, of which the following is a representation :—



STAR & CRESCENT

This Mark was first advertised in the Western Australian Government Gazette of the 2nd February, 1900—*vide* notice at head of Trade Mark advertisements.

Application No. 1823, dated 20th January, 1900.—JOHN PLAYER & SONS, LIMITED, of Castle Cavendish Works, Nottingham, England, Tobacco and Cigar Manufacturers, to register in Class 45, in respect of Tobacco, whether manufactured or unmanufactured, a Trade Mark, of which the following is a representation :—



The essential features of the Trade Mark are the combination of devices and the word "Hero," and the applicants disclaim any right to the exclusive use of the added matter, except in so far as it consists of their own name.

This Mark was first advertised in the Western Australian Government Gazette of the 9th February, 1900—*vide* notice at head of Trade Mark advertisements.

Application No. 1824, dated 20th January, 1900.—JOHN PLAYER & SONS, LIMITED, of Castle Cavendish Works, Nottingham, England, Tobacco and Cigar Manufacturers, to register in Class 45, in respect of Tobacco, whether manufactured or unmanufactured, a Trade Mark, of which the following is a representation :—

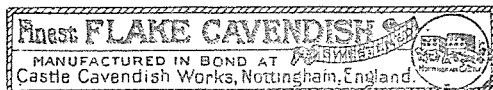
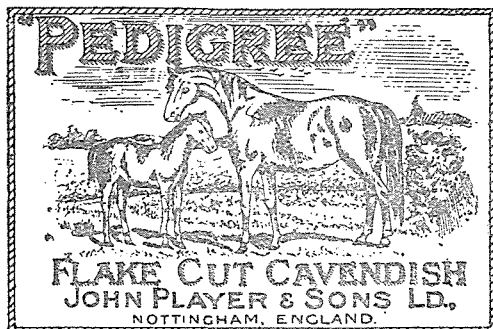
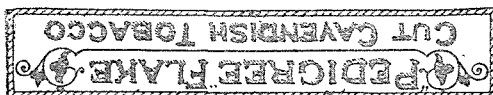


The essential features of the Trade Mark are the combination of devices and the word "Drumhead," and the applicants disclaim any right to the exclusive use of the added matter, except in so far as it consists of their own name and address.

This Mark was first advertised in the Western Australian Government Gazette of the 9th February, 1900—*vide* notice at head of Trade Mark advertisements.

Application No. 1825, dated 20th January, 1900.—JOHN PLAYER & SONS, LIMITED, of Castle Cavendish Works, Nottingham, England, Tobacco and Cigar Manufacturers, to register in Class 45, in respect of Tobacco, whether

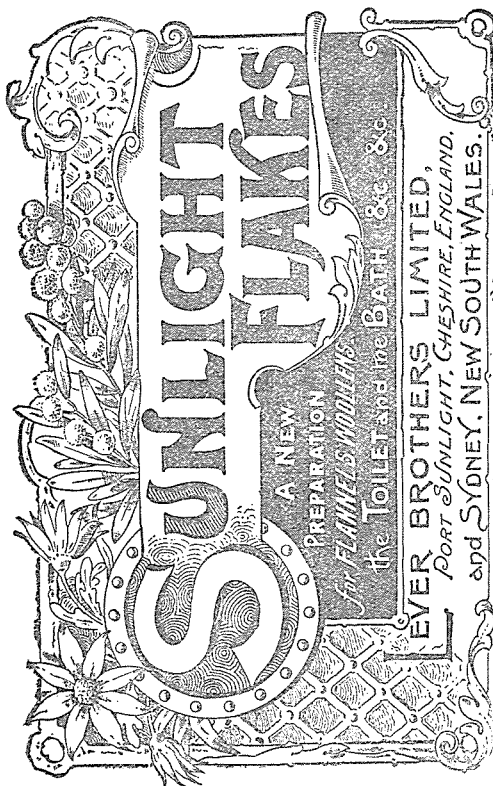
manufactured or unmanufactured, a Trade Mark, of which the following is a representation:—



The essential features of the Trade Mark are the combination of devices, the word "Pedigree" and the words "Nottingham Castle," and the applicant's claim any right to the exclusive use of the added matter, except in so far as it consists of their own name and address.

This Mark was first advertised in the Western Australian Government Gazette of the 9th February, 1900—vide notice at head of Trade Mark advertisements.

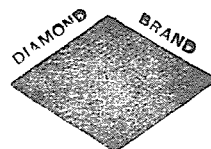
Applications Nos. 1829 and 1830, dated 23rd January, 1900.—LEVER BROTHERS, LIMITED, of Balmain, near Sydney, in the Colony of New South Wales, Soap Manufacturers, to register in Class 47, in respect of Common Soap, Detergents, Starch, and Blue, and all other preparations for Laundry purposes; Application No. 1830, 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:—



The essential particulars of the Mark consist of the words "Sunlight Flakes" and the combination of devices; and we disclaim any right to the exclusive use of the added matter except as regards our name and the exclusive address, "Port Sunlight."

This Mark was first advertised in the Western Australian Government Gazette of the 9th February, 1900—vide notice at head of Trade Mark advertisements.

Application No. 1837, dated 20th January, 1900.—THEODORE JOHN CHARLES HANTKE, of Rundle Street, Adelaide, in the Province of South Australia, Oil and Colour Merchant, to register in Class 1, in respect of Varnishes, Paints, mixed or dry (including oil, water colour and enamel); Brunswick Black, Wood Stains, mixed or dry; Dyes, Glue, and Size included in such class, a Trade Mark, of which the following is a representation:—



The essential particulars of the Trade Mark are the device of a diamond, and the word "Diamond," 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 the 9th February, 1900—vide notice at head of Trade Mark advertisements.

Application No. 1838, dated 3rd February, 1900.—THE FRICTIONLESS ENGINE PACKING COMPANY, LIMITED, of Cable Mills, Glashouse Street, Manchester, in the County of Lancaster, England, to register in Class 50, s.s. 9, in respect of Engine Packings, a Trade Mark, of which the following is a representation:—

KARMAL

This Mark was first advertised in the Western Australian Government Gazette of the 9th February, 1900—vide notice at head of Trade Mark advertisements.

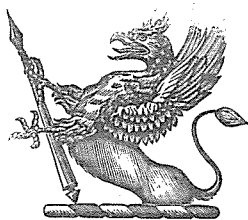
Application No. 1839, dated 3rd February, 1900.—THE CELLULOSE COMPANY, of City of Newark, County of Essex, and State of New Jersey, and in the City of New York, County and State of New York, to register in Class 50, s.s. 10, in respect of Fabrics or other substances (such as Textile Fabrics, Paper, Leather, Felted Goods, Net Goods, Knitted Goods, Straw-board, Card-board, and similar Fabrics, Woods, Metals, etc.), all of them covered, coated, or impregnated with Pyroxyline Compounds, and either left plain or stamped or made into imitations of Leathers, Silks, Satins, and other Fabrics, Articles of Apparel, and also the Pyroxyline Compounds used for such coating, a Trade Mark, of which the following is a representation:—

TEXODERM

This Mark was first advertised in the Western Australian Government Gazette of the 9th February, 1900—vide notice at head of Trade Mark advertisements.

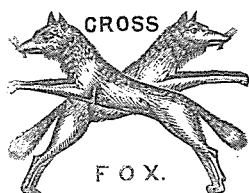
Application No. 1840, dated 6th February, 1900.—ABEL MORRALL, LIMITED, of Clive Works, Redditch, in England, Needle Manufacturers, to register in Class 13, in respect of Needles, Pins, Hair-pins, and other articles known in the

soft goods trade as "Small Wares," a Trade Mark, of which the following is a representation :—



This Mark was first advertised in the Western Australian *Government Gazette* of the 16th February, 1900—*vide* notice at head of Trade Mark advertisements.

Application No. 1841, dated 6th February, 1900.—ABEL MORRALL, LIMITED, of Clive Works, Redditch, in England, Needle Manufacturers, to register in Class 13, in respect of Needles, Pins, Hair-pins, and other articles known in the soft goods trade as "Small Wares," a Trade Mark, of which the following is a representation :—



This Mark was first advertised in the Western Australian *Government Gazette* of the 16th February, 1900—*vide* notice at head of Trade Mark advertisements.

Application No. 1842, dated 6th February, 1900.—T. C. WILLIAMS COMPANY, of Richmond, Virginia, United States of America, Tobacco Manufacturers, to register in Class 45, in respect of Manufactured Tobacco, a Trade Mark, of which the following is a representation :—



The said Trade Mark having been used by the applicants and their predecessors in business in respect of the article mentioned for fifteen years before the 1st day of January, 1885.

This Mark was first advertised in the Western Australian *Government Gazette* of the 16th February, 1900—*vide* notice at head of Trade Mark advertisements.

Application No. 1843, dated 6th February, 1900.—T. C. WILLIAMS COMPANY, of Richmond, Virginia, United States of America, Tobacco Manufacturers, to register in Class 45, in respect of Manufactured Tobacco, a Trade Mark, of which the following is a representation :—

GOLDEN EAGLE.

This Mark was first advertised in the Western Australian *Government Gazette* of the 16th February, 1900—*vide* notice at head of Trade Mark advertisements.

Application No. 1844, dated 6th February, 1900.—T. C. WILLIAMS COMPANY, of Richmond, Virginia, United States of America, Tobacco Manufacturers, to register in Class 45, in respect of Manufactured Tobacco, a Trade Mark, of which the following is a representation :—



The said Trade Mark having been used by the applicants and their predecessors in business in respect of the article mentioned for 15 years before the 1st day of January, 1885.

This Mark was first advertised in the Western Australian *Government Gazette* of the 16th February, 1900—*vide* notice at head of Trade Mark advertisements.

Application No. 1845, dated 6th February, 1900.—T. C. WILLIAMS COMPANY, of Richmond, Virginia, United States of America, Tobacco Manufacturers, to register in Class 45, in respect of Manufactured Tobacco, a Trade Mark, of which the following is a representation :—

LUCY HINTON.

This Mark was first advertised in the Western Australian *Government Gazette* of the 16th February, 1900—*vide* notice at head of Trade Mark advertisements.

Application No. 1788, dated 21st November, 1899.—ALFRED WILKINSON (trading as "Wilkinson & Co."), of Adelaide, in the Province of South Australia, General Merchants, to register, in Class 42, in respect of Substances used as Food, or as Ingredients in Food, a Trade Mark, of which the following is a representation .—



The essential particulars of the Trade Mark are the word "Mandarin," and the device of a mandarin, 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 the 23rd February, 1900—*vide* notice at head of Trade Mark advertisements.

Application No. 1792, dated 28th November, 1899.—CHUBB & SON'S LOCK AND SAFE COMPANY, LIMITED, of 128 Queen Victoria Street, London, in England, and else-

where, to register in Class 13, in respect of Locks for Doors, Safes, and other purposes; also Iron and Steel Safes, Strong-rooms, Strong-room Doors, and other protective receptacles, a Trade Mark, of which the following is a representation:—



This Mark was first advertised in the Western Australian Government Gazette of the 23rd February, 1900—*vide* notice at head of Trade Mark advertisements.

Application No. 1796, dated 29th November, 1899.—E. S. LAZARUS, of Wellington Street, Perth, Western Australia, Warehouseman, to register in Class 45, in respect of Tobacco, whether manufactured or unmanufactured, a Trade Mark, of which the following is a representation:—

LA SINCERIDAD.

This Mark was first advertised in the Western Australian Government Gazette of the 23rd February, 1900—*vide* notice at head of Trade Mark advertisements.

Application No. 1846, dated 6th February, 1900.—G. and E. WILLS & COMPANY, of Hay Street, Perth, in the Colony of Western Australia, Warehousemen, to register in Class 38, in respect of Articles of Clothing, a Trade Mark, of which the following is a representation:—

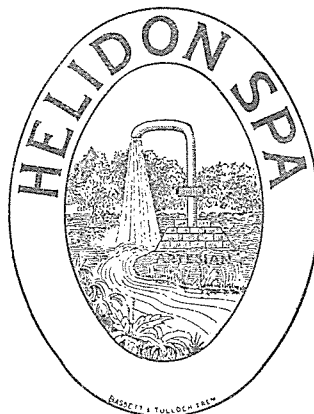


The essential particulars of this Mark consist of the word "Universal" and the combination of devices, and applicant Company disclaim any right to the exclusive use of the added matter.

This Mark was first advertised in the Western Australian Government Gazette of the 23rd February, 1900—*vide* notice at head of Trade Mark advertisements.

Application No. 1847, dated 9th February, 1900.—THE HELIDON SPA WATER COMPANY OF WEST AUSTRALIA, of 8 Dalgety Street (and at Mandurah Road), Fremantle, to

register in Class 44, in respect of Mineral Waters, a Trade Mark, of which the following is a representation:—



The essential particulars of the above Mark consist of the combination of devices, and applicant Company disclaim any right to the exclusive use of the added matter.

This Mark was first advertised in the Western Australian Government Gazette of the 23rd February, 1900—*vide* notice at head of Trade Mark advertisements.

Application No. 1850, dated 16th February, 1900.—E. S. LAZARUS, of 431 Wellington Street, Perth, Western Australia, to register in Class 45, in respect of Cigars, a Trade Mark, of which the following is a representation:—

LA AMISTAD.

This Mark was first advertised in the Western Australian Government Gazette of the 23rd February, 1900—*vide* notice at head of Trade Mark advertisements.

Application No. 1851, dated 20th February, 1900.—HUGO WERTHEIM, of No. 173 William Street, Melbourne, in the Colony of Victoria, Importer, to register in Class 6, in respect of Sewing Machines, a Trade Mark, of which the following is a representation:—

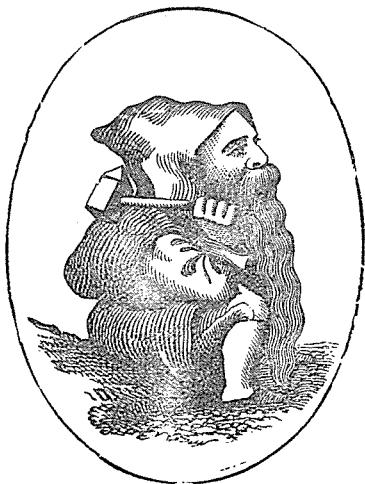
WERTHEIM

The said Trade Mark having been used by the applicant and his predecessor in business in respect of the articles mentioned for nine years before the 1st day of January, 1885.

This Mark was first advertised in the Western Australian Government Gazette of the 2nd March, 1900—*vide* notice at head of Trade Mark advertisements.

Application No. 1852, dated 20th February, 1900.—HUGO WERTHEIM, of No. 173 William Street, Melbourne, in the Colony of Victoria, Importer, to register in Class 6, in

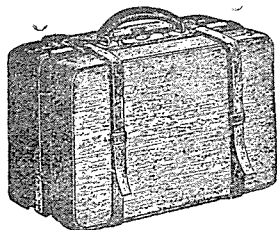
respect of Sewing Machines, a Trade Mark, of which the following is a representation:—



The said Trade Mark having been used by the applicant and his predecessor in business in respect of the articles mentioned for nine years before the 1st day of January, 1885.

This Mark was first advertised in the Western Australian Government Gazette of the 2nd March, 1900—*vide* notice at head of Trade Mark advertisements.

Application No. 1853, dated 23rd February, 1900.—F. MALLABONE, trading under the name or style of "F. Mallabone & Co.," of 461 Hay Street, Perth, Western Australia, Manufacturers, to register in Class 37, in respect of Leather, Skins (unwrought and wrought), and articles made of Leather not included in other classes, a Trade Mark, of which the following is a representation:—



This Mark was first advertised in the Western Australian Government Gazette of the 2nd March, 1900—*vide* notice at head of Trade Mark advertisements.

Application No. 1805, dated 28th December, 1899.—THE HELIDON SPA WATER COMPANY, LIMITED, of Skew Street, Brisbane, in the Colony of Queensland, and Helidon, in the said Colony, Bottlers and Manufacturers of Mineral and Aerated Waters, to register in Class 44, in respect of a natural mineral water, a Trade Mark, of which the following is a representation:—



The said Trade Mark has been used by the applicant Company and its predecessors in business for over seventeen years past.

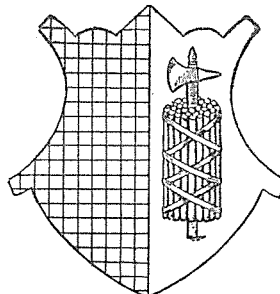
This Mark was first advertised in the Western Australian Government Gazette of the 9th March, 1900—*vide* notice at head of Trade Mark advertisements.

Application No. 1815, dated 4th January, 1900.—THE UNITED ALKALI COMPANY, LIMITED, of 30 James Street, Liverpool, in the County of Lancaster, England, Alkali Manufacturers, etc., to register in Class 47, in respect of Bleaching Powder, Common Soap, Detergents, Starch, Blue, and all goods included in Class 47, a Trade Mark, of which the following is a representation:—



This Mark was first advertised in the Western Australian Government Gazette of the 9th March, 1900—*vide* notice at head of Trade Mark advertisements.

Application No. 1848, dated 13th February, 1900.—JAMES WATSON & CO., LIMITED, of 97 Seagate, Dundee, Scotland, Distillers and Whisky Merchants, to register in Class 43, in respect of Whisky, a Trade Mark, of which the following is a representation:—



GLENCARSE

The essential particulars of the Mark consist of the device and the word "Glencarse."

This Mark was first advertised in the Western Australian Government Gazette of the 9th March, 1900—*vide* notice at head of Trade Mark advertisements.

Application No. 1849, dated 13th February, 1900.—JAMES WATSON & CO., LIMITED, of 97 Seagate, Dundee, Scotland, Distillers and Whisky Merchants, 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 (1) the device, and (2) the word "Glencoe."

This Mark was first advertised in the Western Australian *Government Gazette* of the 9th March, 1900—*vide* notice at head of Trade Mark advertisements.

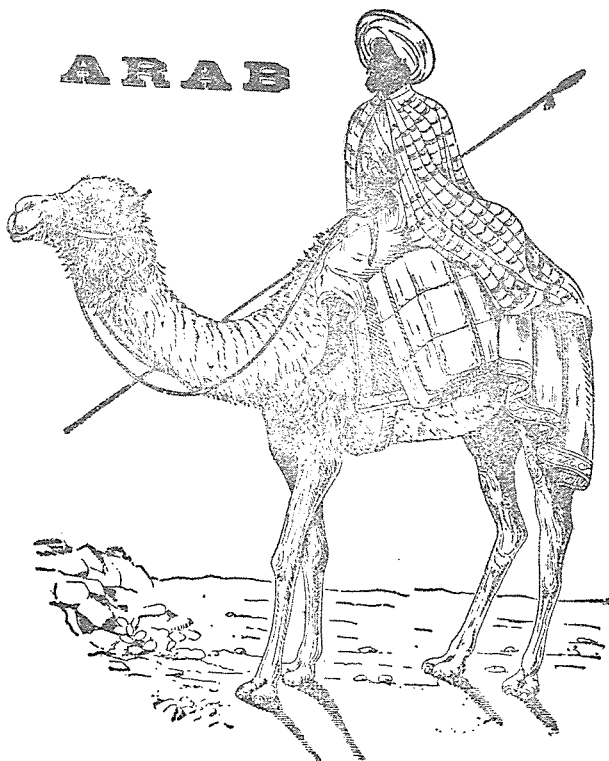
Application No. 1856, dated 27th February, 1900.—AMERICAN STEEL HOOP COMPANY, of No. 71 Broadway, in the City of New York, in the State of New York, United States of America, to register in Class 5, in respect of Iron and Steel, and Manufactures of Iron and Steel, a Trade Mark, of which the following is a representation:—



The essential particulars of the Trade Mark are (1) the word "Ashco," and (2) the representation of the Stars.

This Mark was first advertised in the Western Australian *Government Gazette* of the 9th March, 1900—*vide* notice at head of Trade Mark advertisements.

Application No. 1858, dated 27th February, 1900.—ALFRED WILKINSON (trading as "Wilkinson & Company"), of Grenfell Street, Adelaide, in the Province of South Australia, Merchants, to register in Class 42, in respect of Substances used as Food, or as Ingredients in Food, a Trade Mark, of which the following is a representation:—



The essential particulars of the Trade Mark are the word "Arab," and the representation of an Arab seated upon a camel.

This Mark was first advertised in the Western Australian *Government Gazette* of the 9th March, 1900—*vide* notice at head of Trade Mark advertisements.

Application No. 1861, dated 9th March, 1900.—MATTHEW GOODE & COMPANY, Warehousemen, Queen Street, Perth, in the Colony of Western Australia, to register in Class 38, in respect of Articles of Clothing, a Trade Mark, of which the following is a representation:—

HERCULES.

This Mark was first advertised in the Western Australian *Government Gazette* of the 16th March, 1900—*vide* notice at head of Trade Mark advertisements.

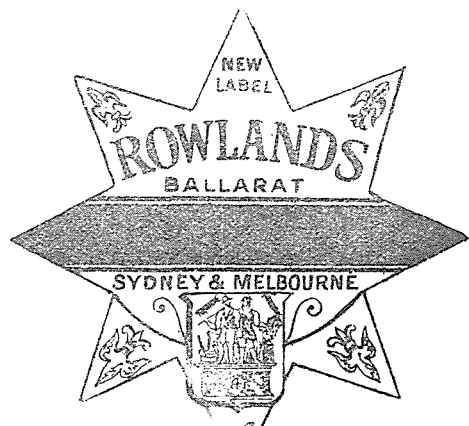
Application No. 1862, dated 12th March, 1900.—DAVID JONES, of Nos. 266 to 274 King Street, Melbourne, in the Colony of Victoria, Chemist; DAVID EGRYX JONES, of No. 266 King Street, Melbourne, aforesaid, Doctor of Medicine, and GRIFFITH GRIFFITHS, of Burns and Little Hay Streets, Darling Harbour, Sydney, in the Colony of New South Wales, Chemist, the Executors of the late EVAN ROWLANDS, and trading as "E. Rowlands," at Nos. 266 to 274 King Street, Melbourne aforesaid, and elsewhere, Mineral, Aerated Water and Cordial Manufacturer, to register, in Class 44, in respect of Mineral and Aerated Water (natural and artificial), including Ginger Beer, a Trade Mark, of which the following is a representation:—



The said Trade Mark having been used by them and their predecessors in business in respect of the articles mentioned for five years before the first day of January, one thousand eight hundred and eighty-five.

This Mark was first advertised in the Western Australian *Government Gazette* of the 23rd March, 1900—*vide* notice at head of Trade Mark advertisements.

Application No. 1863, dated 12th March, 1900.—DAVID JONES, of Nos. 266 to 274 King Street, Melbourne, in the Colony of Victoria, Chemist; DAVID EGRYX JONES, of No. 266 King Street, Melbourne aforesaid, Doctor of Medicine, and GRIFFITH GRIFFITHS, of Burns and Little Hay Streets, Darling Harbour, Sydney, in the Colony of New South Wales, Chemist, the Executors of the late EVAN ROWLANDS, and trading as "E. Rowlands," at Nos. 266 to 274 King Street, Melbourne aforesaid, and elsewhere, Mineral, Aerated Water and Cordial Manufacturer, 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:—



The essential particulars of the Trade Mark are (1) the device or configuration of the label; (2) the shield device; and (3) the combination of devices, and applicants disclaim any right to the exclusive use of the added matter, save and except the name "Rowlands" and their address.

This Mark was first advertised in the Western Australian *Government Gazette* of the 23rd March, 1900—*vide* notice at head of Trade Mark advertisements.

Application No. 1864, dated 12th March, 1900.—DAVID JONES, of Nos. 266 to 274 King Street, Melbourne, in the Colony of Victoria, Chemist; DAVID EGRYN JONES, of No. 266 King Street, Melbourne aforesaid, Doctor of Medicine, and GRIFFITH GRIFFITHS, of Burns and Little Hay Streets, Darling Harbour, Sydney, in the Colony of New South Wales, Chemist, the Executors of the late Evan Rowlands, and trading as "E. Rowlands," at Nos. 266 to 274 King Street, Melbourne aforesaid, and elsewhere, Mineral, Aerated Water and Cordial Manufacturer, 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:—



The essential particulars of the Trade Mark *are* (1) the device or configuration of the label, and (2) the shield device, and applicants disclaim any right to the exclusive use of the added matter, save and except the name "Rowlands," and their address.

This Mark was first advertised in the Western Australian *Government Gazette* of the 23rd March, 1900—*vide* notice at head of Trade Mark advertisements.

Application No. 1865, dated 12th March, 1900.—DAVID JONES, of Nos. 266 to 274 King Street, Melbourne, in the Colony of Victoria, Chemist; DAVID EGRYN JONES, of No. 266 King Street, Melbourne aforesaid, Doctor of Medicine, and GRIFFITH GRIFFITHS, of Burns and Little Hay Streets, Darling Harbour, Sydney, in the Colony of New South Wales, Chemist, the Executors of the late Evan Rowlands, and trading as "E. Rowlands," at Nos. 266 to 274 King Street, Melbourne aforesaid, and elsewhere, Mineral, Aerated Water and Cordial Manufacturer, 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:—

E. ROWLANDS.

The said Trade Mark having been used by them and their predecessor in business in respect of the articles mentioned for five years before the first day of January, One thousand eight hundred and eighty-five.

This Mark was first advertised in the Western Australian *Government Gazette* of the 23rd March, 1900—*vide* notice at head of Trade Mark advertisements.

Application No. 1866, dated 14th March, 1900.—HUGO WERTHEIM, of 173 William Street, Melbourne, in the Colony of Victoria, Merchant, to register in Class 6, in respect of Sewing Machines, a Trade Mark, of which the following is a representation:—

GRIFFIN.

This Mark was first advertised in the Western Australian *Government Gazette* of the 23rd March, 1900—*vide* notice at head of Trade Mark advertisements.

Application No. 1867, dated 14th March, 1900.—HUGO WERTHEIM, of 173 William Street, Melbourne, in the Colony of Victoria, Merchant, to register, in Class 6, in respect of Sewing Machines, a Trade Mark, of which the following is a representation:—



The essential particulars of the Trade Mark *are* the device of a griffin within a bicycle wheel and the word "Griffin," and applicant disclaims any right to the exclusive use of the added matter.

This Mark was first advertised in the Western Australian *Government Gazette* of the 23rd March, 1900—*vide* notice at head of Trade Mark advertisements.

Application No. 1871, dated 16th March, 1900.—THE ERASMIC COMPANY, LIMITED, of Bank Quay, Warrington, Lancashire, England, Soap Manufacturers 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:—

DEWDROP

This Mark was first advertised in the Western Australian *Government Gazette* of the 23rd March, 1900—*vide* notice at head of Trade Mark advertisements.

Notice.

Patent Office,
Trade Marks Branch,
14th March, 1900.

NOTICE is hereby given that the statement of essential particulars of Applications Nos. 1829 and 1830 for the registration of a Trade Mark, advertised in the *Government Gazette* of 9th February, 1900, No. 9, page 543, has been amended by the inclusion of the word "Flakes."

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

Alphabetical List of Registrants of Trade Marks.

MARCH 3RD—17TH.

Name.	Goods.	Class.	No.	Date.	Gazette.		
					No.	Date.	Page.
Barrett's Food Proprietary, Ltd.	Food for Infants and Invalids ...	42	1813	30th Dec., 1899	1	5th Jan., 1900	60
Bell, R., & Co. ...	Matches ...	47	1806	28th Dec., 1899	2	12th Jan., 1900	123
Frossard, Levic, & Co. ...	<i>Vide</i> Levic, Fernand ...	45	1801	19th Dec., 1899	2	12th Jan., 1900	123
Levic, Fernand (trading as "Frossard, Levic, & Co.")	Tobacco, cigars, and cigarettes ...	45	1801	19th Dec., 1899	2	12th Jan., 1900	123
Lozier Manufacturing Co.	Bicycles and other carriages in Class 22	22	1808	29th Dec., 1899	1	5th Jan., 1900	59
Sandover, W., & Co. ...	Oils, mineral and vegetable (not included in other classes)	4	1804	28th Dec., 1899	1	5th Jan., 1900	59
United Alkali Co., Ltd. ...	Chemical substances used in manufactures, photography or philosophical research, and anticorrosives	1	1809	30th Dec., 1899	2	12th Jan., 1900	123

Index of Goods for which Trade Marks have been Registered.

MARCH 3RD—17TH.

Goods.	Name.	No.	Date.	Class.	Gazette.		
					No.	Date.	Page.
Anticorrosives...	<i>Vide</i> Chemical Substances ...	1809	30th Dec., 1899	1	2	12th Jan., 1900	123
Bicycles ...	Lozier Manufacturing Company ...	1808	29th Dec., 1899	22	1	5th Jan., 1900	59
Carriages ...	<i>Vide</i> Bicycles ...	1808	29th Dec., 1899	22	1	5th Jan., 1900	59
Chemical Substances...	United Alkali Company, Limited ...	1809	30th Dec., 1899	1	2	12th Jan., 1900	123
Cigarettes ...	<i>Vide</i> Tobacco ...	1801	19th Dec., 1899	45	2	12th Jan., 1900	123
Cigars ...	<i>Vide</i> Tobacco ...	1801	19th Dec., 1899	45	2	12th Jan., 1900	123
Food (Infants and Invalids)	Barrett's Food Proprietary, Limited...	1813	30th Dec., 1899	42	1	5th Jan., 1900	60
Matches ...	Bell, R., & Co. ...	1806	28th Dec., 1899	47	2	12th Jan., 1900	123
Oils (Mineral and Vegetable)	Sandover, W., & Co. ...	1804	28th Dec., 1899	4	1	5th Jan., 1900	59
Photography ...	<i>Vide</i> Chemical Substances ...	1809	30th Dec., 1899	1	2	12th Jan., 1900	123
Tobacco ...	Levic, Fernand (trading as "Frossard, Levic, & Co.")	1801	19th Dec., 1899	45	2	12th Jan., 1900	123