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CONTENTS:

SUBJECT.	PAGE
Complete Specifications accepted	1787
Applications Abandoned, Patents	1788
Renewal Fees paid, Patents	1789
Subsequent Proprietors registered, Patents	1789
Applications for Patents	1789
Alphabetical list of Applicants for Patents	1790
Alphabetical list of Inventions for which Patents have been applied for	1790
Alphabetical list of Patentees	1790

SUBJECT.	PAGE
Alphabetical list of Inventions for which Patents have been granted	1791
Applications for Registration of Trade Marks... ..	1791
Application for Alteration of Address... ..	1792
List of Trade Mark Registrations expired	1792
Special Notice	1792
Alphabetical list of Registrants of Trade Marks	1792
Alphabetical list of Goods for which Trade Marks have been registered	1793

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

Complete Specifications.

Patent Office, Perth,
10th July, 1903.

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

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

Application No. 4259.—GEORGE GARIBALDI TURRI, of Salisbury Building, Queen Street, Melbourne, Victoria, Patent Agent (*Thomas Edwards*), "*Improvements in rotatable Rabblers for Furnaces*."—Dated 3rd February, 1903.

Claims:—

1. A rabble of the class indicated comprising a foot, and a stem extending downwardly from said foot through the furnace hearth, and rotatable from below said hearth substantially as described with reference to Figure 1.
2. In combination with the parts comprised by Claim 1, means for the introduction of water to the rabble foot from below the furnace hearth substantially as described.
3. In combination with the parts comprised by Claim 1, means for the exit of water from the rabble foot to below the furnace hearth substantially as described.
4. In combination, the rabble foot, stem, water inlet and outlet illustrated by firm lines in Figure 2 (or modified as indicated) substantially as described.
5. In combination a downwardly extending rotatable rabble stem and an upward waterway from an exterior supply tube to an interior tube within said stem arranged as described with reference to Figure 2.
6. In combination a downwardly extending rotatable rabble stem and an upward water way from an exterior supply tube to an interior tube within said stem arranged as described with reference to Figure 3.
7. In combination a downwardly extending rotatable rabble stem and an upward waterway from an exterior supply tube to an interior tube within said stem arranged as described with reference to Figure 4.

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

Application No. 4260.—GEORGE GARIBALDI TURRI, of Salisbury Building, Queen Street, Melbourne, Victoria, Patent Agent (*Thomas Edwards*), "*Improvements in Furnaces for Ore-roasting and other purposes*."—Dated 3rd February, 1903.

Claims:—

1. In a furnace, the combination, with an elongated hearth, of openings therethrough at intervals lengthwise thereof to feed air upward substantially as described.
2. In a furnace, the combination, with an elongated hearth, of openings therethrough at intervals lengthwise thereof, and means for regulating the supply of air upward through the openings as described.
3. In a furnace, the combination, with an elongated hearth, of air-openings at the hearth sides, and air-openings extending downward through the hearth as described.
4. In a furnace, the combination, with an elongated hearth, of sleeves extending downward therethrough with a regulator or slide for each sleeve whereby the supply of air upward to the hearth may be controlled substantially as described.

5. In a furnace of the class indicated, the combination, with the hearth, of a series of rotatable rabblers and of air-inlets comprising sleeves extending through and above the hearth as described.

6. In a furnace, the combination with the rabblers, of a line shaft below the same, gearing connecting the line-shaft and the rabble spindles, and openings for the purposes set forth in the arch of the furnace substantially as described.

7. In a furnace, the combination with a series of rabblers of arch openings elongated and located as and for the purposes set forth, with or without tapered iron boxes as described.

8. A furnace having a series of elongated arch openings and in combination, a series of hearth inlets, each arranged as and for the purposes set forth.

9. The combination with the parts in Claim 3 of means for rotation beneath the hearth, connected to rabble feet spindles which pass through the hearth air inlets but have not extensions to the furnace arch, said arch being wholly closed during the rabbling.

10. In a furnace an elongated hearth having beneath it a tunnel for the purposes set forth, in combination with, over one end of the hearth, means for feeding the ore; at the other end the main fireplace; and one or more additional fireplaces arranged at the side or opposite sides along the length of the furnace as and for the purposes described.

11. In a furnace a rabble of the construction comprised substantially by the foot, stem, spindle and other parts heretofore described, illustrated in Figure 5.

12. In a furnace the combination of parts in the next preceding claim with an annular pan set loosely round the stem f, under the spout l, and a collar or bearing as v below the hearth round the spindle f' to keep the rabble in position.

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

Application No. 4460.—HERBERT HENRY FROST, of Tipping Street, Ardwick, Manchester, in the county of Lancaster, England, Engineer, "*Improvements in Fluid Meters*."—Dated 10th June, 1903.

Claims:—

1. In a fluid meter having a measuring chamber and a double acting piston, dispensing with the ordinary stuffing box and packing for the piston rod, and instead, surrounding the piston rod with a casting the only outlet from which is sealed by an extension of the sliding valve cover, substantially as herein set forth.
2. In combination, in a fluid meter, a measuring chamber, a double acting piston therein, the piston rod passing through the wall of the chamber, a valve cover connected with the piston rod, a casing enclosing the projecting end of the piston rod and having an opening, said valve cover and piston rod being connected through said opening and an extension on the valve cover for sealing said opening, substantially as described.
3. In combination, the measuring cylinder, the double-acting piston, slotted piston rod, casing surrounding piston rod, valve mover projecting through a slot in the casing into the slot of the piston rod and the extension of the sliding valve cover by which the slot in the casing is sealed, substantially as herein set forth.
4. In combination, the casing, the piston and piston rod, a valve cover connected with the piston, said cover having a grooved back, a grooved resilient bearing piece, the balls arranged between the cover and the resilient bearing, substantially as described.
5. The general arrangement and combination of parts embodying my improvements in fluid meters substantially as herein shown and described.

Specifications, 7s. Drawings on application.

Application No. 4462.—MANUEL LOPEZ DE LA CAMARA, of Calle de Mariacca Pineda, No. 36, Principal, Engineer, and FRANCISCO ROBEDANO EGANA, of el Ingenio de San José, Chemist, both of Granada, Spain, "*Chemical process to extract the cellulose out of the trashes, pulp, and residues of sugar cane and similar products for making paper and pasteboard stuffs and like products*."—Dated 10th June, 1903.

Claim.—

A new chemical process enabling to obtain paper and pasteboard stuffs and like products, consisting essentially:—1st, in treating the trashes or pulp and residues of the sugar cane and similar products such as sorghum, corn, reeds, etc., in a bath of soda entering in this solution in a proportion of ten per cent. in weight of the product to be treated, in gradually rising the temperature of the bath to 60° C., in introducing into the same at 60° C. the products to be treated which remain in the bath for 45' when they are fresh products or residues directly coming from the sugar factory or about 60' when they are dry products. 2nd, this process also consisting in discolouring the paste thus obtained by submitting it either to a sulphurous anhydride current or to a solution of chloride of calcium, substantially as described.

Specification, 7s. 6d.

Application No. 4474.—WILLIAM KINGSLAND, of 8 Breams' Buildings, Chancery Lane, London, England, Electrical Engineer, "Improvements in or connected with ratchet-operated Electric Switches."—Dated 16th June, 1903.

Claims:—

1. A rotary electric switch in which the moving part receives a uniform step-by-step motion always in the same direction, at every defined angular motion in either operative direction given to a spindle from a normal position of rest, by a tappet actuated arm or otherwise, to which rest position the parts are automatically returned without operating the switch part; the said switch being provided with a non-rotative motor screw, receiving a limited traverse motion against the action of a spring at every operative movement of the spindle, the motor-screw thread engaging and partially rotating a pawl-carrying ring revoluble in stationary bearings, the pawls or equivalents thereof engaging and communicating the required motion to a ratchet-wheel carrying the movable switch part, the motor-screw being returned by the spring upon the freeing of the spindle, thereby partially revolving the rotary pawl-ring inoperatively back to its original position, the motor-screw in its return motion also operating mechanism by which the spindle is brought back to its position of rest ready for the next action, substantially as described.

2. In a rotary electric switch in which the moving part receives uniform step-by-step movements always in the same direction, at every angular motion in either operative direction given to a spindle by a tappet arm or otherwise from a normal position of rest; the motor-screw mounted and capable of sliding upon the spindle, means for preventing the rotation of the motor-screw, inclined ratchet-like teeth formed upon one end thereof engaging similar teeth of an intermediate wheel also capable of sliding on the spindle, and a spindle-wheel fixed on the spindle and having teeth to engage the oppositely directed teeth upon the other face of the intermediate wheel, a spring to return the motor-screw to its normal position after each operative motion, and to so cause the spindle and its operating arm to be returned to the normal position of rest by the co-action of the inclined teeth of the aforesaid wheels, the toothed engaging wheels being so constructed that the motor-screw is advanced at every angular motion of the spindle from its position of rest, and means for limiting the distance of traverse of the motor screw and thereby limiting the throw of the operating arm and the angular motion of the movable switch part, in combination with a pawl-carrying device receiving motion by the advance motion of the motor-screw to operate the moving part of the switch, the pawl-carrying device being inoperatively returned by the return motion of the motor-screw, substantially as described.

3. In a rotary electric switch, the construction and arrangement of the non-rotative motor-screw 10 capable of receiving a definitely limited sliding motion on the spindle, the intermediate wheel 9 and the spindle wheel 7 all carried by the operating spindle; in combination with the ring 18, revoluble in stationary bearings and carrying pawls or equivalents, and the ratchet wheel 17 to which the moving switch part is connected, constructed and acting substantially as described with reference particularly to Figs. 5 to 12 of the accompanying drawings.

4. In a rotary electric switch, the construction and arrangement of the non-rotative motor-screw and its co-acting parts, by which the motor-screw is advanced at every angular movement of the spindle in either direction of motion from its rest position, and by which the angular motion of the spindle is limited and the latter returned to the rest position, in combination with the pawl-carrying device operated by the motor-screw, the ratchet wheel 17 operated by the pawl-carrying device, the means for preventing the ratchet wheel 17 and the switch part operated thereby from being carried by impetus beyond its required angle of motion, and detent mechanism to prevent backward rotation of the switch part, substantially as described.

5. In a rotary electric switch having a non-rotative motor-screw capable of receiving a definitely limited sliding motion on the spindle against the action of a spring at and by every defined angular motion in either operative direction given to the spindle from a normal position of rest, the motor-screw and its co-acting parts being returned by the spring to the rest position after each operation; the combination therewith of the ring 23 revoluble in bearings in the casing and having partial screw threads on its inner periphery to engage the threads of the motor-screw, a ratchet-toothed ring carried upon the face of the ring, and springs between the carrying ring 23 and the ratchet ring 26 to hold the teeth of the latter in engagement with the teeth of the ratchet wheel 17 carrying the movable switch part, substantially as described with reference to Figs. 13 to 16 of the accompanying drawings.

6. The construction and arrangement of parts composing the improved rotary electric switch, combined and acting substantially as described with reference to Figs. 1 to 12 of the accompanying drawings. Specification, 16s. Drawings on application.

Application No. 4476.—CHARLES EDWIN BERNAYS, of 45 Adelaide Street, Brisbane, Queensland, Consulting Engineer, "Improvements in means for getting more perfect combustion of fuel in the fire chambers of boilers, and also for the prevention of smoke and sparks."—Dated 16th June, 1903.

Claims:—

1. The introduction into the combustion chamber of a locomotive or other boiler of a supply of air (cold or hot) under pressure in the shape of a screen or film across the chamber and in such a way that it offers a resistance to the passage of particles of unconsumed carbon from the fuel and also a fresh supply of oxygen to aid combustion for the purposes and in the manner hereinbefore described.

2. An arrangement whereby the present or any other shape of brick arch is used in the fire-box of a boiler in conjunction with a film of air as and for the purposes hereinbefore described.

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

Application No. 4477.—EDWARD WATERS, JUN., a member of the firm of Edward Waters & Son, Patent Agents, of Nos. 414-418 Collins Street, Melbourne, Victoria (Edison Ore Milling Syndicate, Limited), "Improvements in Roller-crushing Mills."—Dated 16th June, 1903.

Claims:—

1. A roller crushing-mill in which the crushing rolls comprise crushing plates attached to a roll centre or hub secured to the roll-shaft characterised by the roll-shaft (9) having an enlargement (19), and by the roll centre or hub (21) being formed in two parts (21, 22) which fit on the shaft (9) at respectively opposite sides of the enlargement (19), the said two parts being connected together by the crushing plates (23) which are secured to their peripheries, and thereby prevented from moving along the roll shaft.

2. A roller crushing-mill in which the crushing rolls comprise crushing plates attached by bolts, screws or nuts to a roll centre or hub secured to the roll-shaft characterised by the heads (41) of the said bolts or screws (39) or the nuts (46) being situated in recesses (40) and having fitted therein metal detents (44) whose outer edges engage with inwardly-presented ratchet teeth (42) formed around the recesses.

3. A roller crushing-mill characterised by the rolls having their surfaces corrugated the leading sides (37) of the groove (36) of such corrugation being splayed in the direction of the rotation of the roll more than are the other sides in the opposite direction, so as to improve the "biting" effect on the material to be crushed.

4. A roller crushing-mill characterised by the crushing rolls being each connected to its driving gear through a coupling the two parts (47, 48) of which are provided with one or more pairs of co-axial hard steel bushes (49) through each pair of which is passed a pin (50) of softer metal, the said pin being held in position by a split clamping-sleeve (51) screwed into one of the coupling-parts and prevented from becoming accidentally unscrewed, by a wire (54) passed through holes in the said sleeve and coupling part, the pin becoming shorn by the bushes (49) when undue resistance to rotation of the rolls is presented.

5. A roller crushing-mill in which the bearings for the crushing rolls are lined with a metal differing from that of the bearings themselves characterised by the fact that the said lining metal (25) penetrates entirely through the bearings (24) at the parts (26) through which the lubricant is to be supplied and that the lubricating pipes (27) are connected directly to these parts so that the lubricant is prevented from getting between the bearings (24) and the lining metal (25).

6. A roller-crushing mill characterised by the fact that the bearings of the crushing-rolls are each provided with a lubricant space (28), closed on one side by packing (30) and a gland (31), the said space being connected to a passage (33) for the escape of the surplus lubricant.

7. A roller-crushing mill in which one of the rolls is laterally movable and connected to its driving shaft by a non-circular wobbler or loose shaft characterised by the roll shaft (9) and driving shaft (12) having each fitted thereon a coupling part (59 or 60) having a non-circular spigot (62) of the same shape in cross section as is the wobbler or loose shaft (56) and the said wobbler being coupled to the spigots by sleeves (57) secured to the respective coupling-parts by clips (58) attached to the said coupling parts.

Specification, 11s. Drawings on application.

Application No. 4478.—CHARLES DESIRE PERILLAT, of Eighth and Willow Streets, Philadelphia, in the County of Philadelphia, Pennsylvania, U.S.A., Engineer, "Improvements in and relating to Vaporizers and Burners for hydro-carbon oils."—Dated 17th June, 1903.

Claims:—

1. In a vaporizer and burner for kerosene and similar oils, an auxiliary burner supplied with vapour and air from the main burner chamber, and situated at a point remote from the vaporizer jet orifice, substantially as described.

2. In a vaporizer and burner for kerosene and similar oils, a vaporizer tube connected by locking devices with the frame parts of the burner in substantially the way described.

3. In a vaporizer and burner for kerosene and similar oils, an elongated vaporizing tube having a needle valve passing there through and a guard tube around the valve arranged to form a liquid-tight needle chamber from which the needle can be withdrawn without the escape of oil.

4. The herein-described construction and arrangement of parts by which the needle valve is locked in place, substantially as set forth.

5. The herein-described gas introducing and deflecting devices, constituting a preliminary heater for the vaporizing tube.

6. The herein-described construction and arrangement of parts for supplying alcohol or the like to effect the initial vaporizing, substantially as described.

7. A vaporizer and burner for hydro-carbons having a vaporizing tube containing a needle, detachable from the burner, substantially as described.

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

R. G. FERGUSON,

Registrar of Patents.

Applications abandoned.

JUNE 27TH—JULY 4TH.

Application No. 4020.—JOHN HYLARD, of No. 74 Grey Street, St. Kilda, Victoria, Engineer, "Apparatus for automatically detecting and shewing the existence of foul gas in mines and like places, and electrically indicating and recording the presence of such gas to those in charge of the mine or the like works."—Dated 28th August, 1902.

Application No. 4021.—JOHN HYLARD, of No. 74 Grey Street, St. Kilda, Victoria, Engineer, "Apparatus for indicating the existence of foul or dangerous gases in mines and the like places, and for testing such gases."—Dated 28th August, 1902.

Application No. 4022.—WILLIAM DUNSTAN, of No. 31 Bradshaw Street, Ballarat East, Victoria, Machinery Contractor, "*An improved Wheel for Road Vehicles.*"—Dated 28th August, 1902.

Application No. 4023.—ALFRED PFAFF, of No. 375 Collins Street, Melbourne, Victoria, Accountant, "*Method of or process for and chemicals to be used in the treatment of Eggs for preserving same.*"—Dated 2nd September, 1902.

Application No. 4024.—LAUNCELOT ELDIN DE MOLE, of "Ellesmere," Brighton, near Melbourne, Victoria, Draughtsman, "*An improved method of and apparatus for automatically operating Telephone Exchange.*"—Dated 2nd September, 1902.

Application No. 4025.—EDWARD PATMAN COULTER, of 266 King Street, Melbourne, Victoria, Aerated Water Engineer, "*Improved method of saving carbolic acid gas in the manufacture of aerated waters and appliances for same.*"—Dated 2nd September, 1902.

Application No. 4026.—GEORGE WALTER BLANKS, of 69 Young Street, Annandale, Sydney, New South Wales, Engineer, "*An improved hydraulic duplex oil brake.*"—Dated 2nd September, 1902.

Application No. 4027.—EDWARD HENRY LUXFORD, of 75 Napier Street, Fitzroy, Victoria, "*Combined mattress or bed and bolster or the like.*"—Dated 2nd September, 1902.

R. G. FERGUSON,
Registrar of Patents.

Renewal Fees paid on Patents registered from the 27th June-4th July, 1903.

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

No. 2590.—Gummo, Forrest, & Co., Ltd.

No. 2625.—British Westinghouse Electric and Manufacturing Co., Ltd.

No. 3068.—H. S. Russell.

Subsequent Proprietors of Patents registered from 27th June-4th July, 1903.

[NOTE.—The name in brackets is that of former proprietor.]

No. 4353.—F. H. Harvey [J. J. R. Smythe.]

Applications for Patents.

JUNE 27TH—JULY 4TH.

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

No.	Date.	Name.	Address.	Title.
*4494	30th June, 1903	Clancy, J. C.	Melbourne, Vic. ...	Improvements in the extraction of gold, silver, lead, zinc, and other metals, and the production of lead sulphate from mixed or complex sulphide ore.
4495	30th June, 1903	Campbell, J. L.	West Adelaide, S.A.	Improvements in stripper harvesting machines.
4496	30th June, 1903	Turri, G. G. (<i>Lowry, G. A.</i>) ...	Melbourne, Vic. ...	Improvements in apparatus for charging fluids and the like with carbonic acid or other gas.
*4497	30th June, 1903	Wall, L. J. B.	Perth, W.A. ...	System for electrically controlling street lamps.
4498	2nd July, 1903	Muir, D.	Kalgoorlie, W.A. ...	An improved method for splicing wire ropes, and tools therefor.
4499	2nd July, 1903	Muir, D.	Kalgoorlie, W.A. ...	A new indicator for splices in winding ropes to notify when splices are drawing.
*4500	3rd July, 1903	Thomas, B., and Rew, J. R. ...	Kalaroo, W.A. ...	Improved operative appliance for ore feeders.
4501	4th July, 1903	International Sheahan Rotary Engine Company (assignee of Sheahan, W. A.)	Chicago, U.S.A. ...	Rotary engine.
*4502	4th July, 1903	Collins, H. W.	Kookynie, W.A. ...	Duplex safety mining skip.
*4503	4th July, 1903	Murnane, C.; Jones, G. E.; and Cutts, C. C.	Fremantle and Newcastle, W.A.	Improvements in and relating to stripper combs.
*4504	4th July, 1903	Ellis, S.	Kookynie, W.A. ...	Improvements in pistons for rock-drilling machines.

Index of Applicants for Patents.

JUNE 27TH—JULY 4TH.

Name.	Title.	No.	Date.
Campbell, J. L.	Improvements in stripper harvesting machines	4495	30th June, 1903
Clancy, J. C.	Improvements in the extraction of gold, silver, lead, zinc, and other metals, and the production of lead sulphate from mixed or complex sulphide ores	4494	30th June, 1903
Collins, H. W.	Duplex safety mining skip	4502	4th July, 1903
Cutts, C. C.	<i>Vide</i> Murnane, C., and others	4503	4th July, 1903
Ellis, S.	Improvements in pistons for rock-drilling machines	4504	4th July, 1903
International Sheahan Rotary Engine Co. (assignee of Sheahan, W. A.)	Rotary engine	4501	4th July, 1903
Jones, G. E.	<i>Vide</i> Murnane, C., and others	4503	4th July, 1903
Lowry, G. A.	<i>Vide</i> Turri, G. G.	4496	30th June, 1903
Muir, D.	An improved method of splicing wire ropes and tools therefor	4498	2nd July, 1903
Muir, D.	A new indicator for splices in winding ropes to notify when splices are drawing	4499	2nd July, 1903
Murnane, C.; Jones, G. E.; and Cutts, C. C.	Improvements in and relating to stripper combs... ..	4503	4th July, 1903
Rew, J. R.	<i>Vide</i> Thomas, B., and Rew, J. R.	4500	3rd July, 1903
Sheahan, W. A.	<i>Vide</i> International Sheahan Rotary Engine Co.	4501	4th July, 1903
Thomas, B., and Rew, J. R.	Improved operative appliance for ore feeders	4500	3rd July, 1903
Turri, G. G. (<i>Lowry, G. A.</i>)	Improvement in apparatus for charging fluids and the like with carbonic acid or other gas	4496	30th June, 1903
Wall, L. J. B.	System for electrically controlling street lamps	4497	30th June, 1903

Index of Subjects of Patent Applications.

JUNE 27TH—JULY 4TH.

Title.	Name.	No.	Date.
Carbonic Acid	<i>Vide</i> Charging Fluids	4496	30th June, 1903
Charging Fluids	Turri, G. G. (<i>Lowry, G. A.</i>)	4496	30th June, 1903
Controlling Street Lamps	Wall, L. J. B.	4497	30th June, 1903
Drilling Machines	<i>Vide</i> Rock-drilling Machine	4504	4th July, 1903
Extracting Metals	Clancy, J. C.	4194	30th June, 1903
Fluids	<i>Vide</i> Charging Fluids	4496	30th June, 1903
Harvesting Machine	<i>Vide</i> Stripper Combs	4503	4th July, 1903
Harvesting Machines	Campbell, J. L.	4495	30th June, 1903
Lamps (street)	<i>Vide</i> Controlling Street Lamps	4497	30th June, 1903
Mining Skip	Collins, H. W.	4502	4th July, 1903
Ore Feeders	<i>Vide</i> Stamper Batteries	4500	3rd July, 1903
Ores (sulphide)	<i>Vide</i> Extracting Metals	4194	30th June, 1903
Rock-drilling Machines	Ellis, S.	4504	4th July, 1903
Ropes	<i>Vide</i> Wire Rope (splicing)	4498	2nd July, 1903
Ropes (indicator of drawing of splice)	Muir, D.	4499	2nd July, 1903
Rotary Engine	International Sheahan Rotary Engine Co.	4501	4th July, 1903
Skip	<i>Vide</i> Mining Skip... ..	4502	4th July, 1903
Stamper Batteries (operative appliance for ore feeders)	Thomas, B., and Rew, J. R.	4500	3rd July, 1903
Stripper Combs	Murnane, C.; Jones, G. E.; and Cutts, C.	4503	4th July, 1903
Stripper Harvesting Machines	<i>Vide</i> Harvesting Machines	4495	30th June, 1903
Wire Ropes (splicing)	Muir, D.	4498	2nd July, 1903

Index of Patentees.

JUNE 13TH—JULY 4TH.

Name.	Title.	No.	Date.	Gazette.	
				Date.	No.
Hewitt, P. C.	<i>Vide</i> Sparrow, R.	4341	25th Mar., 1903	10th April, 1903	15
Smythe, J. J. R.	Improvements in and relating to pneumatic stampers	4353	31st Mar., 1903	24th April, 1903	17
Sparrow, R.	Method of and apparatus for transforming electrical energy	4341	25th Mar., 1903	10th April, 1903	15

Index of Subjects of Patents granted.

JUNE 13TH—JULY 4TH.

Title.	Name.	No.	Date.	Gazette.		
				Date.	No.	Page.
Electrical energy (transforming)	Sparrow, R.	4341	25th Mar., 1903	10th April, 1903	15	870
Stampers (pneumatic)	Smythe, J. J. R.	4353	31st Mar., 1903	24th April, 1903	17	945

Trade Marks.

Patent Office, Trade Marks Branch,
Perth, 10th July, 1903.

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

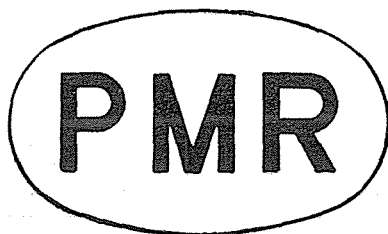
Any person or persons intending to oppose such applications must leave particulars in writing, in duplicate (on Form F), of his or their objections thereto, within two calendar months from the date of this Gazette.

A fee of £1 is payable with such notice.

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

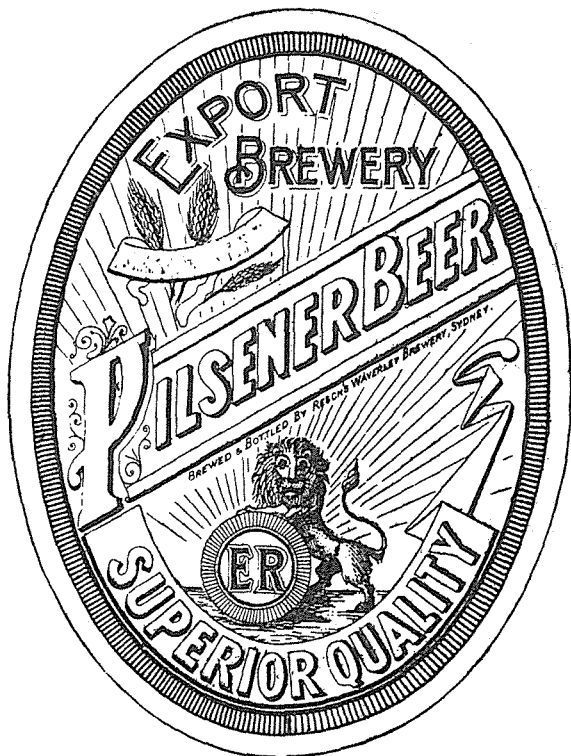
R. G. FERGUSON,
Registrar of Designs and Trade Marks.

Application No. 2847, dated 13th June, 1903.—CHARLES HORATIO GILES, of Johnston Street, Collie, Western Australia, trading as "The Premier Aerated Water and Bottling Works," to register in Class 15, in respect of Glass Bottles, a Trade Mark, of which the following is a representation:—



Application No. 2850, dated 19th June, 1903.—EDMUND RESCH, trading as "Resch's Waverley Brewery," of Dowling Street, Redfern, in the State of New South Wales, to

register in Class 43, in respect of Fermented Liquors and Spirits, a Trade Mark, of which the following is a representation:—



The essential particulars of the Trade Mark are the combination of devices, and applicant disclaims any right to the exclusive use of the added matter save and except his trading name and address.

Application No. 2866, dated 30th June, 1903.—HOLMES SAMUEL CHIPMAN, of No. 54 Margaret Street, Sydney, in the State of New South Wales, Australia, Merchant, to register in Class 6, in respect of Sewing Machines, a Trade Mark, of which the following is a representation:—

“CORONET.”

Application No. 2867, dated 30th June, 1903.—JOSEPH FLOREY, of 136 Grenfell Street, Adelaide, in the State of South Australia, in the Commonwealth of Australia, Manufacturer, to register in Class 38, in respect of Boots and Shoes, a Trade Mark, of which the following is a representation:—

NUNKERRI.

Application No. 2868, dated 30th June, 1903.—THE WINTERBOTTOM BOOK CLOTH COMPANY, LIMITED, of 12 Newton Street, Piccadilly, Manchester, in the County of Lancaster, England, Manufacturers, to register in Class 39, in respect of Tracing Cloth, a Trade Mark, of which the following is a representation:—

“EXCELSIOR.”

Application No. 2869, dated 30th June, 1903.—THE WELSBACH LIGHT COMPANY OF AUSTRALASIA, LIMITED, of 2, Bury Street, St. Mary Axe, London, in England, to register in Class 18, in respect of Burners and Incandescent Mantles for Oil Lamps, a Trade Mark, of which the following is a representation:—

TWENCENT.

Application No. 2870, dated 30th June, 1903.—LEVER BROTHERS, LIMITED, of Balmain, near Sydney, State of New South Wales, Commonwealth of Australia, Soap Manufacturers, to register in Class 47, in respect of Common Soap, Soap Powders, Candles, Matches, Starch, Blue, Soda, Detergents, and Oil, a Trade Mark, of which the following is a representation:—

“OPERA.”

Application No. 2871, dated 30th June, 1903.—LEVER BROTHERS, LIMITED, of Balmain, near Sydney, State of New South Wales, Commonwealth of Australia, Soap Manu-

facturers, to register in Class 48, in respect of Perfumed Soap, Perfumery, and Glycerine, a Trade Mark, of which the following is a representation:—

“OPERA.”

Application No. 2872, dated 3rd July, 1903.—AULSEBROOK & SONS, LIMITED, of Lyon's Road Camperdown, near Sydney, in the State of New South Wales, Biscuit Manufacturers, to register in Class 42, in respect of Biscuits, a Trade Mark, of which the following is a representation:—

“DUFF.”

Application for Alteration of Address in Register of Trade Marks.

Application No. 238, dated the 19th August, 1889, in the name of ROBERT PORTER & COMPANY, LTD., registered in Class 43, in respect of Beers, Ales, and Stout. Address of above-mentioned Company to be altered to read “39-47 Pancras Road, London, N.W.”

List of Trade Mark Registrations expired owing to non-payment of Renewal Fees.

JUNE 13TH—JULY 4TH.

Nos. 223 and 224.—Pugsley, Dingman, and Company Limited, of Toronto, Ontario, Canada, in Class 47, in respect of Soap.—Dated 14th March, 1889.

Notice.

Patent Office, Trade Marks Branch,
Perth, 6th July, 1903.

Re Applications Nos. 2831-2, Gerstendorfer Bros.

NOTICE is hereby given that the statements of essential particulars of the above-numbered Marks, advertised in the *Government Gazette* of the 12th June, 1903, No. 24, page 1563, have been eliminated from the forms of Application.

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

Alphabetical List of Registrants of Trade Marks Registered.

JUNE 27TH—JULY 4TH.

Name.	Goods.	Class.	No.	Date.	Gazette.		
					No.	Date.	Page.
King, S., & Son	Fermented liquors and spirits ...	43	2788	18th April, 1903	17	24th April, 1903	949
Kitchen, J., & Sons, and Marsh, Ltd.	Soap and candles	47	2724	11th Feb., 1903	8	20th Feb., 1903	381
Mackintosh, J., Ltd. ...	Substances used as food or as ingredients in food	42	2781	3rd April, 1903	17	24th April, 1903	949
Mackintosh, J., Ltd. ...	Toffee	42	2782	3rd April, 1903	17	24th April, 1903	949
Marsh, —	Vide Kitchen, J., & Sons, & Marsh, Ltd.	47	2724	11th Feb., 1903	8	20th Feb., 1903	381
Shmith, C.	Chemical substances prepared for use in medicine and pharmacy	3	2770	23rd Mar., 1903	14	3rd April, 1903	837

Index of Goods for which Trade Marks have been registered.

JUNE 27TH—JULY 4TH.

Goods.	Name.	No.	Date.	Class.	Gazette.		
					No.	Date.	Page.
Candles	<i>Vide</i> Soap	2724	11th Feb., 1903	47	8	20th Feb., 1903	381
Chemical Substances	C. Shmith	2770	23rd Mar., 1903	3	14	3rd April, 1903	837
Food Substances ...	J. Mackintosh, Ltd.	2781	11th Feb., 1903	42	17	24th April, 1903	949
Liquors (fermented) ...	Stephen King & Son	2788	18th April, 1903	43	17	24th April, 1903	949
Soap	J. Kitchen & Sons and Marsh, Ltd.	2724	11th Feb., 1903	47	8	20th Feb., 1903	381
Spirits	<i>Vide</i> Liquors	2788	18th April, 1903	43	17	24th April, 1903	949
Toffee	J. Mackintosh, Ltd.	2782	11th Feb., 1903	42	17	24th April, 1903	949

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