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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,
5th February, 1904.

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. 4337.—**JOHN BEDE MORONY**, of Mudgee, in the State of New South Wales, Storekeeper, "A device for preventing horses or other animals attached to Road Vehicles from Starting or Bolting."—Dated 25th March, 1903.

Claims:—

1. A device for the purpose herein stated characterised by a circular rack or toothed ring adapted to be secured to the nave of the wheel in a fixed position, and having in the face thereof an annular groove in which is fitted a band which is adapted to revolve therein on roller or ball bearings, said ring having pivotally attached thereto a pawl which engages the fixed rack and is provided with an eyelet to which the driving reins are attached when it is desired to utilise the device, substantially as described and as illustrated in the drawings.

2. The combination with a road vehicle of a device characterised by a circular rack or toothed ring adapted to be secured to the nave of the wheel in a fixed position, and having in the face thereof an annular groove in which is fitted a band which is adapted to revolve therein on roller or ball bearings, said ring having pivotally attached thereto a pawl which engages the fixed rack and is provided with an eyelet to which the driving reins are attached when it is desired to utilise the device, substantially as described and as illustrated in the drawings.

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

Application No. 4668.—**EDWARD WATERS, junior**, a member of the firm of Edward Waters & Son, Patent Agents, of Nos. 414-418, Collins Street, Melbourne, in the State of Victoria, Commonwealth of Australia (*Henry Erastus Rathbun and William Henry Lonergan*), "Improvements in Sash Balances."—Dated 29th October, 1903.

Claims:—

1. A sash-balance, comprising a casing formed of sheet metal and having a face plate and side plates having inwardly-turned ends furnished with over-lapping lips, and fittings for engaging said inwardly-turned ends.

2. A sash-balance, comprising a gear formed of two sheet metal sections having peripheral walls shaped as teeth, the toothed wall of one section fitting within the corresponding wall of the other section.

3. A sash-balance, comprising a shaft, a gear rotatably thereon and consisting of two sheet metal sections forming a gear case, each of said sections having a peripheral wall furnished with hollow teeth, the teeth of one section fitting within the teeth of the other section, and a spring located between said sections and connected with said shaft and with one of said sections.

4. A sash-balance, comprising a casing formed of sheet metal and having slotted sides, a gear frame formed of plates having outwardly-turned lips movable in said slots, a gear rotatably mounted in said gear frame, and a spring acting against said gear frame to move the same into an operative position.

5. A sash-balance, comprising a gear mounted for rotation in a vertical path, and a gear locking device having teeth adapted to engage said gear and mounted to swing across the path of said gear.

6. The combination with the case having the sides, 5, 6, and the face plate, 7, the sides having the slots, 13, 14, the gear frame formed of the plates, 38, the plates having the lips, 42, 43, movably engaged in said slots, and a gear rotatably mounted in said frame, of the bolt, 27, the nut, 28, engaged thereon, the gear locking device, 29, mounted on said bolt and having teeth, 32, adapted to engage with the teeth of the gear, the springs, 19, 20, secured to the sides, 5, 6, and means for swinging the gear locking device out of engagement with the gear, as and for the purpose described.

Specification, 10s. Drawings on application.

Application No. 4672.—**GEORGE SMITH DUNCAN**, of No. 1 Temple Court, Chancery Lane, Melbourne, in the State of Victoria, Australia, Civil Engineer, "Improved Slime-filtering Apparatus."—Dated 30th October, 1903.

Claims:—

1. Improved slime-filtering apparatus comprising a large number of hollow flat vertical filters parallel to each other and worked under vacuum suspended within a vat containing the material to be treated, each of said filters consisting of a skeleton framing covered with filter cloth and arranged comparatively close together with scrapers between substantially as and for the purposes specified.

2. In a slime-filtering apparatus a number of filters arranged in separate groups in the vat, each group being suspended from an overhead arm and adapted to be raised or lowered, and provided with an independent draw-off pipe having a suitable cut-off cock substantially as set forth and particularly illustrated in Figures 1 and 2 of the drawings.

3. In slime-filtering apparatus, a series of hollow flat vertical filters consisting of skeleton framings divided into a number of practically independent vertical passages communicating with common top and bottom channels, the former fitted with pipes for drawing off the gold and silver bearing solution, and the latter with pipes for discharging the remaining solution therein, substantially as set forth and illustrated.

4. In slime-filtering apparatus, a number of filters each of which is composed of a skeleton framing having a top and bottom curved sheet iron cover into which vertical strips of hoop iron at suitable distances apart are sprung and held in position by the edges of said covers engaging holes in the edges of said strips of iron, horizontal wires being passed through holes, suitably spaced, in the edges of the vertical strips, whilst the end strips are secured to the covers and filter cloths are wrapped completely around the framing and secured on the top cover and ends by spring clips substantially as set forth and illustrated in Figures 3, 4, and 5 of the drawings.

5. In slime-filtering apparatus and in combination a series of scrapers, arranged between the filters, and consisting of two horizontal metallic strips, and having a rubber or like packing secured between, the width of said packing being less than the space between the filters, rods connecting said scrapers with their frames and means for reciprocating the scrapers vertically substantially as set forth and as illustrated in Figures 2, 5, and 7 of the drawings.

6. In slime-filtering apparatus the mechanism for vertically reciprocating and laterally moving a series of scrapers between the filters substantially as set forth and illustrated in Figure 7.

Specification, 8s. Drawings on application.

Application No. 4751.—**MASSEY-HARRIS COMPANY, LTD.**, of 915 King Street West, Toronto, County of York, Province of Ontario, and of 570-576 Bourke Street, Melbourne, in the State of Victoria and Commonwealth of Australia, Manufacturers (assignee of John Charles Davies), "Improvements in Grain-stripping and combined Harvesting Machines."—Dated 29th December, 1903.

Claims:—

1. In grain stripping and combined harvesting machines an improved comb plate having projecting prongs or pieces extending forwards from the bottom of the comb plate and to which the comb teeth may be independently fastened substantially as herein described.

2. In grain stripping and combined harvesting machines the combination with a comb plate having projecting prongs or pieces extending forwards upon which the comb teeth are independently fastened of the flange of the drum cheek provided with slots engaging bolts upon the said comb plate whereby it is held in position and may be adjusted as required substantially as herein described.

3. In grain stripping and combined harvesting machines a bearing for the beater spindle consisting essentially of a bearing box so mounted on the drum cheek that it may be adjusted either vertically or horizontally by means of bolts and set screws working within slots substantially as herein described.

4. In grain stripping and combined harvesting machines the combination with a comb plate having projecting prongs or pieces to which the comb teeth are independently fastened of a bearing for the beater spindle consisting essentially of a bearing box so mounted on the drum cheek that it may be adjusted either vertically or horizontally as may be required by means of bolts and set screws working within slots substantially as herein described.

5. In grain stripping and combined harvesting machines the combination with a comb plate having projecting prongs or pieces to which the comb teeth are independently fastened said comb plate having bolts engaging slots in the flange of the drum cheek of a bearing for the beater spindle consisting essentially of a bearing box so mounted on the drum cheek that it may be adjusted either vertically or horizontally as may be required by means of bolts and set screws working within slots substantially as herein described.

Specification, 6s. Drawings on application.

Application No. 4756.—THOMAS RANGIAWAHIA ELLISON, of Wellington, in the Provincial District of Wellington, Colony of New Zealand, Solicitor, "An improved appliance for attachment to the handle of a bicycle or the like, to diminish vibration in the arms of the rider."—Dated 31st December, 1903.

Claims:—

1. For the purpose indicated an appliance to be fixed upon the handle bar of a cycle consisting of the parts combined arranged and operating, substantially as herein specified.

2. For the purpose indicated in combination a grip bar, metal springs secured thereto, and means for clamping said springs to the handle bar of a cycle substantially as herein specified and illustrated.

Specification, 2s. Drawings on application.

Application No. 4785.—JAMES MITCHELL BAWDEN, of Seymour Street, Auctioneer, and EDWARD HENRY CATTERALL, of Breed Street, Agent, both in the township of Traralgon, County of Buln Buln, State of Victoria, Commonwealth of Australia, "An improved double-legged Coupling Pin for road vehicle shafts."—Dated 19th January, 1904.

Claims:—

1. An improved double-legged coupling pin for road vehicle shafts, consisting of an upper leg and a lower leg united by a bend, said legs being of the same length and each having therein an inclined split pin hole and a pivot pin hole, in combination with a pivot pin in the upper leg, a sheet metal holdfast, wings above said holdfast pivoted to aforesaid pin, an enlargement on said holdfast, a hole therein to accommodate the lower leg, a split pin through the inclined hole in the said lower leg all as and for the purpose hereinbefore described and as illustrated in the drawings.

2. An improved double-legged coupling pin for road vehicle shafts consisting of an upper leg and a lower leg united by a bend, said upper leg being shorter than the lower and having a pivot pin hole therein, a pivot pin in the said hole having overhanging ends, wings above a sheet metal holdfast pivoted to said pin, an enlargement on said holdfast, a hole in said enlargement to accommodate the lower member, an inclined split pin hole in said lower leg, a split pin in said leg all as and for the purposes hereinbefore described and as illustrated in the drawings.

Specification, 5s. Drawings on application.

Application No. 4789.—JOHN THOMAS BLACKETT, of Ivy House, Guisborough, in the County of York, England, Engineer, "An improved Boring Machine for use in Coal or Ironstone Mines or the like places."—Dated 21st January, 1904.

Claims:—

1. In rock-drilling machines, gearing for operating the screw-bar or drill spindle, comprising a clutch spur pinion on a shaft parallel to the drill spindle, a screw thread of quick pitch on said drill spindle and a feed nut engaging said screw thread, so constructed and arranged that when the clutch is thrown out of operative connection the rotation of the screw bar or drill spindle is stopped while the feed nut continues to be revolved so as to rapidly withdraw or move backward said drill spindle, substantially as set forth.

2. In a rock-drilling machine having a screw-bar or drill spindle provided with a screw thread of quick pitch and a feed nut engaging said thread, differential gearing consisting of a spur wheel slidably mounted on the drill spindle, a spur wheel fixed on the feed nut, a pinion fixed on a shaft parallel to the drill spindle and with its teeth engaging the teeth of the spur wheel on the feed nut, a clutch pinion on said shaft, means for disengaging said clutch pinion from and re-engaging it with the teeth of the spur wheel on the drill spindle, and a gear on said shaft in engagement with the driving shaft of a motor, all arranged in combination and operating substantially as set forth with reference to the accompanying drawing and for the purposes specified.

3. The complete rock-drilling machine substantially as described and illustrated in the accompanying drawing.

Specification, 5s. Drawings on application.

R. G. FERGUSON,

Registrar of Patents.

Renewal Fees paid on Patents registered from 23rd to 30th January, 1904.

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

No. 2855.—Kingsland, W.

No. 2856.—Kingsland, W.

License.

Rs No. 3598.—George Marshall and Charles Fitzjohn Hall.

LICENSE to use the above-named invention in the name of ROTARY PUDDLER & SLUICING CO., LTD., throughout the State of Western Australia.

Registered in the Patent Office on the 28th day of January, 1904.

R. G. FERGUSON,

Registrar of Patents.

Applications abandoned.

JANUARY 23RD—30TH.

Application No. 4334.—ROBERT WILLIAM ENGLAND, jun., of Christchurch, New Zealand, Architect, "Manufacture of blocks of Artificial Stone."—Dated 25th March, 1903.

Application No. 4336.—WILLIAM STRAWBRIDGE, of Greenhill Road, Burnside, in the State of South Australia, Commonwealth of Australia, Civil Servant, "Improved means and apparatus for trapping Rabbits and other animals."—Dated 25th March, 1903.

Application No. 4343.—SAMUEL WELLS, of York, Western Australia, Farmer, "Seed picking appliance."—Dated 27th March, 1903.

Applications for Patents.

JANUARY 23RD—30TH.

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

No.	Date.	Name.	Address.	Title.
*4792	25th Jan., 1904	Bigelow, D. E.	Kalgoorlie, W A.	A pulp-washing and filtering machine.
*4793	26th Jan., 1904	Marks, H. J.	Toowoomba, Queensland	An improved window or shutter holder.
*4794	29th Jan., 1904	Park, A. J.	Ngaruawahia, New Zealand	Improved means of suspending and operating window sashes.
*4795	29th Jan., 1904	Skinner, J. R.	Christchurch, New Zealand	Improvements in and relating to cushion heels for boots, shoes, and the like.

Provisional Specifications Accepted.

Patent Office, Perth, 5th February, 1904.

APPLICATIONS for Letters Patent, accompanied by Provisional Specifications, which have been accepted from 23rd to 30th January, 1904:—

Application No. 4712.—JOHN WINTHROP HACKETT, Member of the Legislative Council of Western Australia, and THOMAS JAMES HARDWICK, Brewer, both of Perth, in the State of Western Australia, Commonwealth of Australia (assignees of William Timbrell Clarke), "*An improved Electro-Magnetic Motor for use in all cases where power is required.*"—Dated 26th November, 1903.

Application No. 4767.—CHARLES STEWART WATSON, of Hope's Hill, near Southern Cross, in the State of Western Australia, Analytical Chemist; ARCHIBALD TORRANCE WILSON, of Hope's Hill aforesaid, Mine Manager, and JOHN NICHOLSON, of Perth, in the said State, Solicitor, "*An improved method of treating what is generally known as gold-bearing cyanide precipitates.*"—Dated 13th January, 1904.

Application No. 4777.—HUGH GLASS WATSON, of 16 Coat Street, Coatbridge, Lanarkshire, Scotland, Manager, and JOHN CUMMOCK, Junior, of 109 Sinclair Drive, Langside, Glasgow, Scotland, Chemist, "*Improvements in the method of and means for manufacturing aerated or carbonated liquids.*"—Dated 19th January, 1904.

Application No. 4780.—JOHN KNOWLSON, of 15 Howard Street, North Melbourne, in the State of Victoria, Australia, Plumber, "*An improved Thermo-atmospheric Valve.*"—Dated 19th January, 1904.

R. G. FERGUSON, Registrar of Patents.

Index of Applicants for Patents.

JANUARY, 23RD—30TH.

Name.	Title.	No.	Date.
Bigelow, D. E.	A pulp-washing and filtering machine	4792	25th Jan., 1904
Marks, H. J.	An improved window or shutter holder	4793	26th Jan., 1904
Park, A. J.	Improved means of suspending and operating window sashes	4794	29th Jan., 1904
Skinner, J. R.	Improvements in and relating to cushion heels for boots, shoes, and the like	4795	29th Jan., 1904

Index of Subjects of Patent Applications.

JANUARY 23RD—30TH.

Title.	Name.	No.	Date.
Boots	<i>Vide</i> Heels (cushion) for boots	4795	29th Jan., 1904
Filtering Machine (centrifugal)	Bigelow, D. E.	4792	25th Jan., 1904
Heels (cushion) for boots	Skinner, J. R.	4795	29th Jan., 1904
Sashes	<i>Vide</i> Window sashes	4794	29th Jan., 1904
Shoes	<i>Vide</i> Heels (cushion) for boots	4795	29th Jan., 1904
Shutter	<i>Vide</i> Window shutter	4793	26th Jan., 1904
Window Sashes	Park, A. J.	4794	29th Jan., 1904
Window Shutter	Marks, H. J.	4793	26th Jan., 1904

Index of Patentees.

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Name.	Title.	No.	Date.	Gazette.		
				Date.	No.	Page.
Balch, D. W. (assignee of Honey, A. A.)	Improvements in electro-magnetic railway traction	4223	5th Jan., 1903	27th Nov., 1903	48	3141
Casgrain, L. A.	<i>Vide</i> United Shoe Machinery Co.	4388	18th April, 1903	27th Nov., 1903	48	3141
Corrington, M.	Improvements in fluid pressure brake mechanism	4699	13th Nov., 1903	27th Nov., 1903	48	3142
Honey, A. A.	<i>Vide</i> Balch, D. W.	4223	5th Jan., 1903	27th Nov., 1903	48	3141
Mortimer, W. G.	An improved appliance for cleaning tins, pots, and other vessels or utensils	4702	17th Nov., 1903	27th Nov., 1903	48	3142
Paul, J. H.	Improvements in the manufacture of hydrocyanic acid and of cyanide salts therefrom	4697	12th Nov., 1903	27th Nov., 1903	48	3142
Pfaffenbach, R.	Ropeway for raising dump heaps	4700	13th Nov., 1903	27th Nov., 1903	48	3142
United Shoe Machinery Co. (assignee of Casgrain, L. A.)	Improvements in or relating to nurling or analogous machines	4388	18th April, 1903	27th Nov., 1903	48	3141

Index of Subjects of Patents Granted.

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Title.	Name.	No.	Date.	Gazette.		
				Date.	No.	Page.
Brake mechanism (fluid pressure)	Corrington, M.	4699	13th Nov., 1903	27th Nov., 1903	48	3142
Cleaning appliance (for tins and other utensils)	Mortimer, W. G.	4702	17th Nov., 1903	27th Nov., 1903	48	3142
Cyanide salts	<i>Vide</i> Hydrocyanic acid (manufacture of)	4697	12th Nov., 1903	27th Nov., 1903	48	3142
Hydrocyanic acid (manufacture of)	Paul, J. H.	4697	12th Nov., 1903	27th Nov., 1903	48	3142
Leather (machine for operating on)	<i>Vide</i> Nurling Machine ...	4388	18th April, 1903	27th Nov., 1903	48	3141
Nurling machine	United Shoe Machinery Co. (assignee of Casgrain, L. A.)	4388	18th April, 1903	27th Nov., 1903	48	3141
Pots	<i>Vide</i> Cleaning Appliance (for tins and other utensils)	4702	17th Nov., 1903	27th Nov., 1903	48	3142
Railway traction	Balch, D. W. (assignee of Honey, A. A.)	4223	5th Jan., 1903	27th Nov., 1903	48	3141
Raising dump heaps	<i>Vide</i> Ropeway (for raising dump heaps)	4700	13th Nov., 1903	27th Nov., 1903	48	3142
Ropeway (for raising dump heaps)	Pfaffenbach, R.	4700	13th Nov., 1903	27th Nov., 1903	48	3142
Tins	<i>Vide</i> Cleaning Appliance (for tins and other utensils)	4702	17th Nov., 1903	27th Nov., 1903	48	3142
Traction	<i>Vide</i> Railway Traction ...	4223	5th Jan., 1903	27th Nov., 1903	48	3141

Trade Marks.

Patent Office, Trade Marks Branch,
Perth, 5th February, 1904.

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 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. 3023, dated 26th January, 1904.—RECKITT AND SONS, LIMITED, of 423 Kent Street, Sydney, in the State of New South Wales; and of Hull, in Yorkshire, England, also of London, England; of Port Elizabeth, South Africa; and of West Broadway, New York, United States of America, Manufacturers, to register in Class 47, in respect of Blue, a Trade Mark, of which the following is a representation:—



The essential particulars of the Trade Mark are the combinations of devices, and proprietors disclaim any right to the exclusive use of the added matter except in so far as it consists of their own name.

Application No. 3024, dated 26th January, 1904.—SAPON, LIMITED, of No. 33 St. Swithin's Lane, London, E.C., in England, to register in Class 47, in respect of Soap, Soap Powders, Extract of Soap, Washing Powders, Cleansing Powders, Detergents, and similar goods in this class, a Trade Mark, of which the following is a representation:—

SAPON.

Application No. 3025, dated 29th January, 1904.—Sir REGINALD HANSON, Baronet, of 47 Botolph Lane, London, England, Wholesale Grocer, to register in Class 43, in respect of Whisky, a Trade Mark, of which the following is a representation:—

PEATMOOR.

The Trade Mark having been used by the applicant in respect of the articles mentioned since the month of June, 1876.

Application No. 3026, dated 29th January, 1904.—Sir REGINALD HANSON, Baronet, of 47 Botolph Lane, London, England, Wholesale Grocer, to register in Class 43, in respect of substances used as food or as ingredients in food, a Trade Mark, of which the following is a representation:—

BONGOLA.

Application No. 3027, dated 29th January, 1904.—JOSEPH RODGERS & SONS, LIMITED, No. 6 Norfolk Street, Sheffield, Cutlery and Plate Manufacturers, to register in Class 12, in respect of cutlery and edge tools, a Trade Mark, of which the following is a representation:—

ELITE.

Applicants and their predecessors in business have used the said Trade Mark in respect of the goods mentioned for upwards of fifty (50) years past.

Application No. 3028, dated 29th January, 1904.—JOSEPH RODGERS & SONS, LIMITED, No. 6, Norfolk Street, Sheffield, Cutlery and Plate Manufacturers, to register in Class 14, in respect of goods of precious metals and imitations thereof, a Trade Mark, of which the following is a representation:—

ELITE.

Applicants and their predecessors in business have used the said Trade Mark in respect of the goods mentioned for upwards of fifty (50) years past.

Alphabetical List of Registrants of Trade Marks.

JANUARY 23RD-30TH.

Name.	Goods.	Class	No.	Date.	Gazette.		
					No.	Date.	Page.
Marshall, J.	Tea	42	2940	23rd Sept., 1903	40	2nd Oct., 1903	2733

Index of Goods for which Trade Marks have been registered.

JANUARY 23RD-30TH.

Goods.	Name.	No.	Date.	Class.	Gazette.		
					No.	Date.	Page.
Tea	Marshall, J.	2940	23rd Sept., 1903	42	40	2nd Oct., 1903	2733