Supplement to Government Gazette

OF

WESTERN AUSTRALIA.

[Published by Authority.]

No. 33
P.O. No. 23. } PERTH: FRIDAY, JUNE 5. [1903.

CONTENTS:

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

Complete Specifications.

Patent Office, Perth,
5th June, 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. 4415.—JOSEPH WATSON and ARTHUR WILLIAM CRANE, trading as "Watson & Crane," Brass Founders, of 375 Pitt Street, Sydney, New South Wales, "*An Improved Measuring Tap.*"—Dated 12th May, 1903.

Claims :—

1. In combination, a reservoir, a measuring chamber such as C a sliding tube such as F which slides through a gland placed in the top of the measuring chamber and means for connecting together the reservoir and the measuring chamber as herein specified.
2. In combination, a tap provided with a two-way cock or plug, a graduated measuring chamber in which is axially placed a sliding tube of small diameter, such tube passing through a gland in the cover of the measuring chamber as herein set forth.
3. A tap provided with a two-way cock or plug so disposed and arranged that when the cock or plug is turned in one direction communication shall be established between the liquid reservoir and a measuring chamber, and when turned in another direction communication shall be established between the measuring chamber and the exit passage of the tap, in combination with a graduated measuring chamber such as C that is provided with an axial tube which may slide freely through a gland in the cover of the measuring chamber or be permanently fixed in any desired position, as and for the several purposes specified.
4. The general arrangement, construction, and combination of parts in our improved measuring tap as herein described as illustrated in the drawings and for the several purposes specified.

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

Application No. 4416.—RICHARD SPARROW, of Perth, Western Australia, Patents Agent (*Alfred Pfaff*), "*Method of or process for and chemicals to be used in the treatment of eggs for preserving same.*"—Dated 12th May, 1903.

Claims :—

1. A process for preserving eggs in which the eggs are placed in a chamber in a condition of vacuum or partial vacuum then exposed to the action of a mixture of sulphurous acid chlorine and carbonic acid gases then immersed in dilute sulphuric acid for the purpose of forming a sealing composition in the pores or interstices of their shells and afterwards carefully drained and dried substantially as and for the purposes set forth.
2. A process for preserving eggs in which the eggs are exposed in a chamber to the action of a gas or gases and afterwards immersed in dilute sulphuric acid for the purpose of forming a sealing composition in the pores or interstices of their shells and afterwards carefully drained and dried substantially as and for the purposes set forth.
3. A process for preserving eggs in which the eggs are placed in a chamber in a condition of vacuum or partial vacuum then exposed to the action of a mixture of sulphurous acid chlorine and carbonic acid gases then immersed in dilute sulphuric acid heated to a temperature of not more than 176 degrees Fahrenheit then drained and dried substantially as and for the purposes set forth.
4. A process for preserving eggs in which the eggs are exposed in a chamber to the action of a gas or gases and afterwards immersed in dilute sulphuric acid heated to a temperature of not more than 176 degrees Fahrenheit then drained and dried substantially as and for the purposes set forth.
5. A process for preserving eggs in which the eggs are placed in a chamber in a condition of vacuum or partial vacuum then exposed to the action of a mixture of sulphurous acid chlorine and carbonic acid gases then immersed in dilute sulphuric acid in either a hot or cold condition such eggs being then removed and drained of any surplus acid and lightly rinsed in water before being dried and stored substantially as and for the purposes set forth.
6. A process for preserving eggs in which the eggs are exposed in a chamber to the action of a gas or gases and afterwards immersed in dilute sulphuric acid in either a hot or cold condition such eggs being then removed and drained of any surplus acid and lightly rinsed in water before being dried and stored substantially as and for the purposes set forth.
7. A process for preserving eggs in which the eggs are placed in a chamber in a condition of vacuum or partial vacuum then exposed to the action of a mixture of sulphurous acid chlorine and carbonic acid gases then immersed in dilute sulphuric acid in either a hot or cold condition, such eggs being then removed and drained of any surplus acid and lightly rinsed in a weak solution of sodium or analogous suitable alkali then again drained and dried for storage purposes.
8. A process for preserving eggs in which the eggs are exposed in a chamber to the action of a gas or gases and afterwards immersed in dilute sulphuric acid in either a hot or cold condition such eggs being then removed and drained of any surplus acid and lightly rinsed in a weak solution of sodium or analogous suitable alkali then again drained and dried for storage purposes.

Specification 7s. Drawings on application.

Application No. 4417.—ALEXANDER GILLIES, of Terang, Victoria, Dairyman, "*Improvements in Pneumatic Milking Apparatus.*"—Dated 12th May, 1903.

Claims :—

1. In pneumatic milking apparatus a small air inlet formed in the milk passage between the mouth-piece and the receiver, substantially as and for the purpose set forth.
2. In pneumatic milking apparatus the arrangement of separate series of tubes for the pulsations and for the milk respectively and a small air inlet for admitting atmospheric pressure behind the milk substantially as set forth and illustrated.
3. In pneumatic milking apparatus a teat-cup having a rigid casing, a flexible lining with a small cup at the bottom held together by a cap and a nut, said cap having a boss fitting a socket in the base of the casing substantially as set forth and illustrated,
4. In pneumatic milking apparatus a teat-cup having a rubber mouth-piece provided with a flat annular rigid reinforcement substantially as set forth and illustrated.
5. In pneumatic milking apparatus a teat-cup having a rigid casing, a flexible lining, and a ferrule for the admission of the pulsations in the space between, said admission being below the middle of said lining substantially as and for the purpose set forth.
6. In pneumatic milking apparatus an air discharge pipe fitted with a regulating cock and connected direct with the suction pipe substantially as and for the purpose set forth and as illustrated.

Specification, 5s. Drawings on application.

Application No. 4418.—CYRIL FREDERICK DUNN, of No. 18 Gordon Avenue, Kew, in the State of Victoria, Accountant (assignee of JOSEPH BARTLETT DAVIES), "*Improvements in and relating to Soft Metal-headed Wire Nails.*"—Dated 14th May, 1903.

Claims :—

1. In iron or steel wire nails having a soft metal head enlargement the direct union of the soft metal head enlargement with the wire nail

head by the use of a suitable flux or fluxes for which purpose chloride of zinc, resin or other appropriate material or materials may be used, substantially as described.

2. In iron or steel wire nails having a soft metal head enlargement, treating the wire nail head with a suitable flux or fluxes, and then casting the soft metal head thereon within dies, to which the molten metal is forced under pressure, substantially as described.

3. In iron or steel wire nails having a soft metal head enlargement, heating the wire nail head either just before, or after the nail head has received its coating of flux, and before bringing it into contact with the molten metal substantially as described.

4. In iron or steel wire nails having a soft metal head enlargement, heating the wire nail head to about the temperature of the molten metal, which is to form the head enlargement, before allowing the soft metal enlargement to solidify around the iron or steel head, in order that the metals may come into more direct union, substantially as described.

5. In iron or steel wire nails having a soft metal head enlargement forcing the molten metal under pressure to dies, in which the wire nail head is arranged, substantially as described.

6. In iron or steel wire nails having a soft metal head enlargement, submitting the moulded soft metal head enlargement after casting and solidifying to a pressure between dies, to make the union more complete, and to bring the head to its finished form, substantially as described.

7. In iron or steel wire nails having a soft metal head enlargement, the shank thereof formed either twisted or jagged, or partly twisted or jagged, substantially as described.

8. In iron or steel wire nails having a soft metal head enlargement and having a shank twisted or jagged or partly twisted or jagged, treating the iron head thereof with a suitable flux or fluxes, then casting the soft metal head enlargement thereon, substantially as described.

9. In iron or steel wire nails having a soft metal head enlargement, roughing the surface of the iron head thereof, and forming the shank plain, twisted or jagged, or partly plain, twisted or jagged, substantially as described.

10. In iron or steel wire nails having a soft metal head enlargement, roughening the surface of the iron head thereof, and having the shank plain, twisted or jagged, or partly plain, twisted or jagged, and treating the iron head thereof with a suitable flux or fluxes, then casting the soft metal head enlargement thereon, substantially as described.

11. In iron or steel wire nails, having a soft metal head enlargement, treating the wire nail head with a suitable flux or fluxes while the nail head is either heated or cold, then further heating the prepared nail head, and placing it in a die or pair of dies of the requisite form, and passing the molten metal thereinto under pressure, substantially as described.

12. A soft metal head enlargement formed on an iron or steel wire nail which has been previously galvanised, coppered or tinned or made from galvanised coppered or tinned wire, substantially as described.

13. A soft metal head enlargement formed on an iron or steel wire nail which has been previously galvanised, coppered or tinned or made from galvanised copper or tinned wire by forcing the molten metal under pressure to dies in which the wire nail head is arranged substantially as described.

14. In the manufacture of iron or steel wire nails having a soft metal head enlargement, treating the head of wire nails previously galvanised, coppered or tinned or made from wire previously galvanised, coppered or tinned with a suitable flux or fluxes prior to casting the soft metal enlargement about the wire nail head substantially as described.

15. A soft metal head enlargement formed on an iron or steel wire nail which has been previously galvanised, coppered or tinned or made from galvanised coppered or tinned wire by treating the wire nail head with a suitable flux or fluxes and then casting the soft metal head thereon within dies to which the molten metal is forced under pressure substantially as described.

16. A soft metal head enlargement formed on an iron or steel wire nail having a shank twisted or jagged or partly twisted or jagged and which nail has been previously galvanised, coppered or tinned or made from galvanised, coppered or tinned wire substantially as described.

17. A soft metal head enlargement formed on an iron or steel wire nail which has been previously galvanised, coppered or tinned or made from galvanised coppered or tinned wire, treating the iron head thereof with a suitable flux or fluxes, then casting the soft metal head enlargement thereon substantially as described.

18. In iron or steel wire nails having a soft metal head enlargement, treating the wire nail head with a suitable flux or fluxes, then casting the soft metal head enlargement thereon within suitable dies, and after the soft metal heat is solidified, again further shaping and compressing the soft metal head enlargement substantially as described.

19. In iron or steel wire nails having a soft metal head enlargement, treating the wire nail head with a suitable flux or fluxes, then further heating the prepared nail head by passing it through a molten metal bath, or in other ways, and then casting the soft metal head enlargement on it in suitable dies and after the soft metal head enlargement is solidified again further compressing and shaping the soft metal head enlargement substantially as described.

Specification, 10s. 6d. Drawings on application.

Application No. 4419.—WINCHESTER REPEATING ARMS COMPANY, of New Haven, Connecticut, U.S.A. (Assignee of THOMAS CROSSLEY JOHNSON), "*Improvements in Firearms.*"—Dated 14th May, 1903.

The claims, numbering 24, may be inspected at the Patent Office.

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

Application No. 4424.—WILLIAM GORDON STEVENSON, of Farrant Street, Prospect, South Australia, Coach Trimmer, "*An anti-rattling device for Doors and Windows.*"—Dated 20th May, 1903.

Claims:—

1. In an anti-rattling device for doors and windows as wheel or wheels made of flexible material, and revolubly mounted upon spindles in such a manner that the said wheels project beyond the edge or side of the sliding portion of the window sash so as to bear upon the adjacent portion of the grooves or beads of the window opening substantially as described and illustrated.

2. In an anti-rattling device for doors and windows a flexible wheel provided with a bearing bush and revolubly mounted upon a spindle as and for the purposes set forth.

3. In an anti-rattling device for doors and windows the combination of a flexible wheel or wheels revolubly mounted upon axles and a metal frame consisting of a front and back plate said frame being let into the edge or side of a sliding sash or door substantially as described and for the purposes set forth.

4. In an anti-rattling device for doors and windows a framework for the accommodation of flexible wheels said framework being characterised by draught excluder cheeks formed integral therewith as described and illustrated.

5. In an anti-rattling device for doors and windows a framework for the accommodation of flexible wheels said framework consisting of a top portion, a bottom portion, and draught excluder cheeks all cut or punched from a single strip of metal and formed into shape by folding and bending substantially as described and as illustrated.

6. The herein specified anti-rattling device for doors and windows comprising essentially the flexible wheels revolubly mounted upon spindles and arranged within a suitable framework said wheels being so placed that they project from the sides of the sliding sash or door and impinge upon the adjacent beads, grooves or slides of the window opening or door opening arranged together in the manner indicated as a combination of parts.

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

Application No. 4425.—WESTINGHOUSE BRAKE COMPANY, LIMITED, of 82 York Road, King's Cross, London, England, Manufacturers (assignee of JOHN WILLS CLOUD), "*Improvements in or relating to Automatic Couplings for railway and like vehicles.*"—Dated 20th May, 1903.

Claims:—

1. An automatic coupler for railway vehicles in which the coupling is effected by a knuckle engaging with a projection on a counterpart head, the said knuckle being free to oscillate round its pivot between two limiting positions, one in either direction beyond the locked or coupled position in one of which limiting positions the knuckle is in the open or coupling position, and in the other the coupling end of the knuckle lies in a recess in the coupler head substantially as described, for the purpose specified.

2. For railway and like vehicles, automatic couplings constructed and operating substantially as described with reference to the accompanying drawings.

Specification, 7s. Drawings on application.

Application No. 4428.—JAMES BROUGH, of 79 Wilson Street, Brunswick, in the State of Victoria, Pottery Manager, "*Improvements in the bottoms of Wickered Jars or similar vessels.*"—Dated 21st May, 1903.

Claim:—

The improvements in the bottoms of wickered jars or similar vessels consisting of a bottom of wood or other material having around its outer edge a series of radial holes to accommodate the lower ends of the uprights or standards in combination with cushions above the upper surface of said bottom all as and for the purposes hereinbefore described and as illustrated in the drawings.

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

R. G. FERGUSON,
Registrar of Patents.

Renewal Fees paid on Patents registered from 23rd to 30th May, 1903.

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

No. 2545.—C. C. WORTHINGTON.

No. 2764.—R. DIESEL.

Applications Abandoned,

MAY 23RD—30TH.

Application No. 3966.—THE FOREIGN AND COLONIAL GOLD RECOVERY AND TRADING COMPANY, LTD., 13 Sise Lane, London, E.C. (assignee of H. J. PHILLIPS), "*An improved appliance for the economic extraction of gold from auriferous ores, concentrates, tailings, and slimes.*"—Dated 28th June, 1902.

Application No. 3967.—THE FOREIGN AND COLONIAL GOLD RECOVERY AND TRADING COMPANY, LTD., 13 Sise Lane, London, E.C. (assignee of H. J. PHILLIPS), "*A new method for the treatment of Telluride and other gold bearing ores and the recovery of the precious and other metals.*"—Dated 28th June, 1902.

Application No. 3970.—ARCHIBALD PARK ALLEN, of 202 Brunswick Street, Fitzroy, Victoria, Hardwareman, "*Improvements in pendent safes for meat and other perishable products.*"—Dated 30th July, 1902.

Application No. 3972.—ROBERT HOLLIS, of Newman Street, Newtown, Sydney, N.S.W., Member of Parliament; JAMES ALEXANDER COCKBURN, of Nelson Street, Lewisham, Sydney, Plumber; and CHARLES EDMUND GRINDROD, of St. Mary Street, Kingston, Sydney, Plasterer, "*Improvements in locomotive spark arresters.*"—Dated 30th July, 1902.

Application No. 3972.—HENRY FINLAY STEWART, of Cobram, Victoria, Farmer, "*Improved apparatus for straining wire.*"—Dated 30th July, 1902.

R. G. FERGUSON,
Registrar of Patents.

Applications for Patents.

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

No.	Date.	Name.	Address.	Title.
*4431	27th May, 1903	Walsh, F.	Sydney, N.S.W. ...	Improved shot-making machine.
*4432	27th May, 1903	Cox, E. T.	Yering, Victoria ...	An improved wood-boring auger.
*4433	27th May, 1903	Potter, C. V.	St. Kilda, Victoria	An improved acidulated oleaginous solution and process for mixing same, to be used for mixing paints, street-sprinkling, and kindred purposes.
4434	27th May, 1903	Lindmark, T. G. E.	Stockholm, Sweden	Improvements in elastic fluid turbines.
4435	27th May, 1903	Laval, C. G. P. de	Stockholm, Sweden	Improvements in or pertaining to the distillation of zinc and other volatile metals from material containing the same.
*4436	27th May, 1903	Pegler, F.	Greymouth, N.Z. ...	An improved ruler.
4437	27th May, 1903	Thompson, J. H.	South Melbourne, Victoria	An improved pegless clothes line, and method of manufacturing same.
4438	27th May, 1903	Thom, T. M.	Cheshunt, England	Improvements in the manufacture of artificial marble, dolomite, and other stone.
4439	27th May, 1903	Henderson, A. E.	Toronto, Canada ...	Improvements in roller bearings.
4440	27th May, 1903	Mudge, B. C.	Snow's Falls, Maine, U.S.A.	Improvements in and relating to the manufacture or production of flax.
4441	27th May, 1903	Phillips, E. (*Duryea, O. C., and White, M. C.*)	Melbourne, Victoria	A free piston engine.
4442	28th May, 1903	Butler, S.	Westbury-on-Trym, Bristol, England	Improvements connected with anti-skidding devices for motor vehicles.

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Name.	Title.	No.	Date.
Butler, S.	Improvements connected with anti-skidding devices for motor vehicles	4442	28th May, 1903
Cox, E. T.	An improved wood-boring auger	4432	27th May, 1903
Duryea, O. C.	*Vide* Phillips, E.	4441	27th May, 1903
Henderson, A. E.	Improvements in roller bearings	4439	27th May, 1903
Laval, C. G. P. de	Improvements in or pertaining to the distillation of zinc and other volatile metals from material containing the same	4435	27th May, 1903
Lindmark, T. G. E.	Improvements in elastic fluid turbines	4434	27th May, 1903
Mudge, B. C.	Improvements in and relating to the manufacture or production of flax fibre	4440	27th May, 1903
Pegler, F.	An improved ruler	4436	27th May, 1903
Phillips, E.	A free piston engine	4441	27th May, 1903
Potter, C. V.	An improved acidulated oleaginous solution and process for mixing same to be used for mixing paints, street sprinkling, and kindred purposes	4433	27th May, 1903
Thom, T. M.	Improvements in the manufacture of artificial marble, dolomite, and other stone	4438	27th May, 1903
Thompson, J. H.	An improved pegless clothes line and method of manufacturing same	3337	27th May, 1903
Walsh, F.	Improved shot-making machine	4431	27th May, 1903
White, M. C.	*Vide* Phillips, E.	4441	27th May, 1903

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Title.	Name.	No.	Date.
Auger	Cox, E. T.	4432	27th May, 1903
Bearings	*Vide* Roller Bearings	4439	27th May, 1903
Clothes Line	Thompson, J. H.	4437	27th May, 1903
Dolomite	*Vide* Marble	4438	27th May, 1903
Engines (Piston)	Phillips, E.	4441	27th May, 1903
Fibre	*Vide* Flax	4440	27th May, 1903
Flax (preparation of)	Mudge, B. C.	4440	27th May, 1903
Marble (artificial)	Thom, T. M.	4438	27th May, 1903
Paints (solution for mixing) ...	Potter, C. V.	4433	27th May, 1903
Roller Bearings	Henderson, A. E.	4439	27th May, 1903
Ruler	Pegler, F.	4436	27th May, 1903
Shot-making Machine	Walsh, F.	4431	27th May, 1903
Turbines	Lindmark, T. G. E.	4434	27th May, 1903
Vehicles (anti-skidding device for)	Butler, S.	4442	28th May, 1903
Zinc (distillation of)	Laval, C. G. P. de	4435	27th May, 1903

Trade Marks.

Patent Office, Trade Marks Branch,

Perth, 5th June, 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. 2789, dated 21st April, 1903.—G. & R. WILLS & COMPANY, of Hay Street, Perth, in the State of Western Australia, Commonwealth of Australia, Importers and Warehousemen, to register in Class 38, in respect of articles of clothing, especially Corsets, a Trade Mark, of which the following is a representation :—

The essential particular of this mark is the distinctive label.

Application No. 2813, dated 15th May, 1903.—J. S. VICKERY & SON, Manufacturers, of No. 24 Mair Street, Ballarat, Victoria, to register in Class 2, in respect of a preparation for preserving eggs, a Trade Mark, of which the following is a representation :—

OVO.

Application No. 2823, dated 26th May, 1903.—J. KITCHEN & SONS & MARSH, LIMITED, Soap and Candle Manufacturers, South Street, Fremantle, in the State of Western Australia, to register in Class 47, in respect of Soap and Candles, a Trade Mark, of which the following is a representation :—

DAISY.

Application No. 2825, dated 27th May, 1903.—FREDERICK MURRAY LINLEY, of Castle Hill, Castlemaine, in the State of Victoria, Commonwealth of Australia, Commercial Traveller, to register in Class 38, in respect of Shirts, Collars or Cuffs, and Shirt Waists, Blouses, and Pyjamas, a Trade Mark, of which the following is a representation :—

Application No. 2826, dated 27th May, 1903.—MOORE, EADY, & Co., of Leicester, Hosiery Manufacturers, to register in Class 38, in respect of Hosiery and articles of Clothing, a Trade Mark, of which the following is a representation :—

The essential particulars of the Trade Mark are the combination of devices; and we disclaim any right to the exclusive use of the added matter.

Subsequent Proprietors of Trade Mark registered.

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

No. 1802.—The Nugget Polish Company, Limited (Lane & Fitte).

Alphabetical List of Registrants of Trade Marks.

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Name.	Goods.	Class	No.	Date.	Gazette. No.	Gazette. Date.	Gazette. Page.
Compressed (Whole Leaf) Tea Syndicate, Limited	Substances used as food or as ingredients in food included in this class	42	2752	10th Mar., 1903	12	20th Mar., 1903	702
Jenkins Bros.	Goods manufactured from india-rubber and gutta-percha such as steam packing, insertion, discs, pump valves, gasket tubing, and all such like mechanical rubber goods	40	2753	12th Mar., 1903	12	20th Mar., 1903	702
Jenkins Bros.	Machinery of all kinds and parts of machinery such as valves of brass or iron, steam fittings, and such like goods	6	2754	12th Mar., 1903	12	20th Mar., 1903	702
Rice, W. S.	A chemical preparation for human use for all forms of rupture	3	2718	5th Feb., 1903	12	20th Mar., 1903	701

List of Goods for which Trade Marks have been registered.

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Goods.	Name.	No.	Date.	Class.	Gazette. No.	Gazette. Date.	Gazette. Page.
Chemical Preparation	W. S. Rice	2718	5th Feb., 1903	3	12	20th Mar., 1903	701
Discs	*Vide* India-rubber	2753	12th Mar., 1903	40	12	20th Mar., 1903	702
Food Substances ...	Compressed (Whole Leaf) Tea Syndicate, Limited	2752	10th Mar., 1903	42	12	20th Mar., 1903	702
Fittings (steam) ...	*Vide* Machinery	2754	12th Mar., 1903	6	12	20th Mar., 1903	702
Gasket Tubing ...	*Vide* India-rubber	2753	12th Mar., 1903	40	12	20th Mar., 1903	702
India-rubber	Jenkins Bros.	2753	12th Mar., 1903	40	12	20th Mar., 1903	702
Machinery	Jenkins Bros.	2754	12th Mar., 1903	6	12	20th Mar., 1903	702
Packing	*Vide* India-rubber	2753	12th Mar., 1903	40	12	20th Mar., 1903	702
Valves (brass or iron)	*Vide* Machinery	2754	12th Mar., 1903	6	12	20th Mar., 1903	702

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