

# Supplement to Government Gazette

OF

WESTERN AUSTRALIA.

[Published by Authority.]

No. 23. }  
P.O. No. 16. }

PERTH: FRIDAY, APRIL 17.

[1903.]

## CONTENTS:

SUBJECT.	PAGE	SUBJECT.	PAGE
Complete Specifications accepted ... ..	907	Alphabetical list of Inventions for which Patents have been applied for ... ..	912
Renewal Fees paid, Patents ... ..	910	Alphabetical list of Patentees ... ..	912
Amendments made, Patents ... ..	910	Alphabetical list of Inventions for which Patents have been granted ... ..	913
Applications Abandoned, Patents ... ..	910	List of Trade Mark Applications refused ... ..	913
Applications for Patents ... ..	910	Alphabetical list of Registrants of Trade Marks ... ..	914
Provisional Specifications accepted ... ..	911	Alphabetical list of Goods for which Trade Marks have been registered ... ..	914
Alphabetical list of Applicants for Patents ... ..	911		

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

## Complete Specifications.

Patent Office, Perth,  
17th April, 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. 3909.—ARCHIBALD JOHN BULLOCH, of 31 Post Office Chambers, 114A Pitt Street, Sydney, in the State of New South Wales, Agent, "*An improvement in the art of Sealing, Corking, and Capsuling Bottles.*"—Dated 17th June, 1902.

### Claims:—

A method as hereinbefore described of sealing bottles which consists in surmounting a bottle head having an annular locking shoulder with a corrugated flanged metal sealing cap indented on top so as to partially insert the centre part of the cork or other packing disc within the opening on the neck of the bottle, and then bending or indenting the inner corrugations of the said cap into locking contact with the engaging shoulder on the Lott's head by any suitable machine thereby assuring a more perfect sealing of the contents thereof.

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

Application No. 3911.—MIKKEL OTTENSON, of Canterbury Street, St. Arnaud, Victoria, Cabinetmaker, and PATRICK FRANCIS DWYER, Napier Street, St. Arnaud, aforesaid, Licensed Victualler, "*Apparatus for playing a novel Table Game.*"—Dated 27th June, 1902.

### Claims:—

1. Apparatus for playing a novel table-game consisting of a smooth surfaced table divided by comparatively low partitions into a number of compartments having passages therein, said table having a starting platform at one end upon which is mounted a pair of rollers against which the body of a round top bears whilst the cord is being drawn, said cord passing under a guide pulley, substantially as described and illustrated.

2. In apparatus for playing a novel table-game a top having a round body adapted to bear against a pair of vertical rollers, and also having a fluted spindle substantially as described and illustrated.

Specification, 4s. Drawings on application.

Application No. 3918.—JOHN DOUGLAS KELLY, DAVID PERCIVAL FISHER, and NEOL VIVIAN GIBSON WIX, of Queen's Chambers, Wellington, New Zealand, Engineers, "*An improved method of and means for Ventilating Halls, Theatres, and other places of public resort.*"—Dated 1st July, 1902.

### Claims:—

1. The improved method of ventilating halls, theatres and other places of public resort consisting in introducing into such buildings a large number of separate currents of cool or warm and perfumed air under compression and releasing such currents at will at any desired points, as specified.

2. In means for ventilating buildings, an air pipe leading into the building and provided with any number of branches with exit nozzles thereon, means whereby air may be compressed and forced through such pipes and branches and means whereby the air in its passage may be cooled or warmed and perfumed as herein set forth.

3. In means for ventilating buildings, an air compressor or pump that is in communication with the outside atmosphere, exit pipes from such compressor leading to an anemometer or other receptacle, a main pipe leading from such anemometer or receptacle into the building and a number of branch pipes leading from the main pipe and provided with suitable exit nozzles, as herein specified.

4. In means for ventilating buildings, an air pipe leading from a compressor into the building and provided with branches therein to which are connected vertical branches secured to the seats in the building, such vertical pipes being provided with exit nozzles formed with a horizontal and a downwardly vertical opening and with means for closing the horizontal opening, as herein specified.

5. In means for ventilating buildings, an air pipe leading from the compressor into the building and provided with branches therein to which are connected vertical branches formed with exit nozzles thereon, in combination with an anemometer, provided with an internal water coil, interposed in the air pipe between the compressor and the branches, as herein specified.

6. In means for ventilating buildings, an air pipe leading from a compressor into the building and provided with branches therein to which are connected vertical branches formed with exit nozzles thereon, in combination with means for heating the air interposed between the compressor and the branches, such means consisting of a cylindrical vessel formed with chambers at each end, with pipes connecting the chambers, and with a heating space beneath the pipes, as herein specified.

7. In means for ventilating buildings, an air pipe leading from a compressor into the building and provided with branches therein to which are connected vertical branches formed with exit nozzles thereon, in combination with an enlargement formed in the main pipe, a cup or receptacle placed therein with a feeding tube leading thereto from outside the pipe, a cup or cover adapted to seal and unseat the receptacle, and a hand screw, or the like, outside the pipe for operating such cup or cover, as herein specified.

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

Application No. 3957.—WALTER WATTS, of Midland Junction, Western Australia, Blacksmith, Government Railways, "*Pivot Blade Joint for Railway Crossings.*"—Dated 18th July, 1902.

### Claims:—

1. A railway blade joint as *c* having at its butt end a trunnion or axis or pivot formation as *d* by or on which it radiates, substantially as and for the purposes herein set forth and as illustrated in the attached drawings.

2. A distance or heel block as *g* formed with a semi-circular companion recess bearing as *e* for receiving the trunnion of the blade joint as above set forth and claimed and said block being formed with a tail or extension piece as *f* for securing such heel block to the rail as *b*, substantially as and for the purposes herein set forth and as illustrated in the attached drawings.

3. A rail plate as *h* formed with a semi-circular companion recess bearing as *f* for receiving the trunnion of the blade joint as above set forth and claimed and said plate *h* being formed with a tail or extension piece as *k* for securing it to the rail as *b* substantially as and for the purposes herein set forth and as illustrated in the attached drawings.

4. A railway blade joint as *c* having at its butt end a trunnion formation as *d* and working radially in companion recesses or bearings as *e* and *f* formed respectively in the heel block *g* and rail plate *h*, substantially as and for the purposes herein set forth and as illustrated in the attached drawings.

5. A railway blade joint as *c* in operative combination with a heel block as *g* and a rail plate as *h* and secured to a chair or foundation plate as *n* and in conjunction with the rails *a* and *b* respectively, substantially as and for the purposes herein set forth and as illustrated in the attached drawings.

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



# Government Gazette

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PERTH, FRIDAY, 17 APRIL 1903 No. 23a

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## CONTENTS

Applications for the Grant of Letters Patent