

# Supplement to Government Gazette

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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,  
21st March, 1902.

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

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

Application No. 3598.—GEORGE MARSHALL and CHARLES FITZJOHN HALL, both of Forrest Street, Coolgardie, Western Australia, Contractors, "*Combined Rotary Puddler and Sluicing Tables for the treatment of Alluvial.*"—Dated 16th October, 1901.

#### Claims:—

1. The peculiar construction of a rotary puddler having replaceable arms or tines and revolving in a horizontal axis within a basin, said basin being formed with inlet and outlet passages and with a clean-out door, substantially as and for the purposes herein described and as illustrated in the accompanying drawings.

2. A rotary puddler as above described and claimed in combination with ripple toboggan and dash wall sluicing tables substantially as and for the purposes herein described and as illustrated in the accompanying drawings.

3. The combination of sluicing appliances as herein described and claimed for the recovery of gold and as illustrated in the attached drawings.

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

Application No. 3668.—DR. ERNST AUGUST BEHRENS, of the Chemische Fabrik, Hemelingen, Germany, Chemist, "*Improved process for manufacturing Acetic Acid.*"—Dated 3rd March, 1902.

#### Claim:—

The improved process for manufacturing acetic acid of a high percentage of strength from acetate of lime by entirely or partly dissolving the said salt in acetic acid of at least 60 per cent. strength, decomposing the same by sulphuric acid, and separating the acetic acid produced from the precipitated calcium sulphate, substantially as hereinbefore described.

Specifications, 6s. 6d.

Application No. 3726.—ROWLAND MEREDITH COOPER and HERBERT JAMES COOPER, both of Petrie's Bight, Brisbane, General Agents, and JOHN STORIE, junior, of Enoggera Terrace, Brisbane, Builder, all in Queensland, "*An improved automatic Window Support.*"—Dated 10th March, 1902.

#### Claims:—

1. The wedge marked "a" as herein described, or shown in the drawings.

2. The shaft marked "b" as herein described or shown in the drawings.

3. The combination of the various parts mentioned as herein described or illustrated in the drawings.

Specifications, 4s. Drawings on application.

Application No. 3738.—CHARLES HENRY HOSKINS, of 113 Colin Street, Perth, Western Australia, Engineer, "*Improvements in the manufacture of Locking-bar Pipes.*"—Dated 6th February, 1902.

#### Claims:—

1. In the manufacture of pipes of the locking-bar type:—The forming or making a portion of the butt end of the locking-bar and those portions of the butt ends of the pipe plates which are incorporated and jointed into such locking-bar with a depressed set-off formation so as to allow of the use of circular rings in the butt jointing together of such pipes, substantially as herein described and explained and as illustrated in the attached drawings.

2. In the manufacture of pipes of the locking-bar type:—The peculiar set-off construction of the butt ends of the locking-bars with their incorporated plate edges whereby such bars do not extend beyond the peripheral line of the pipes at the locality of the butt joint of such pipes in combination with a circular jointing ring substantially as and for the purposes herein described and explained and as illustrated in the accompanying drawings.

Specification, 5s. Drawings on application.

Application No. 3740.—JOHN WILLIAM RAYFIELD, and CHARLES ROBINSON, both of Menzies, Western Australia, Mining Engineer and Blacksmith, respectively, "*An improved Safety Mining Cage.*"—Dated 6th February, 1902.

#### Claims:—

1. In Safety Cages.—An operative bar as C attached to and suspended on the haulage pin as B said bar being brought into action by a spring as D and made to engage with the ends of pivoted-leaders as E2 and which levers are in operative attachment with the pivoted safety grippers as G2 substantially as and for the purposes herein set forth and explained and as illustrated in the accompanying drawings.

2. In Safety Cages.—Hand levers as J1 which act as auxiliary safety means, said levers being so arranged that they lift the levers E2 and so cause the grippers G2 to act independently of the operative bar C, substantially as and for the purposes herein set forth and explained and as illustrated in the accompanying drawings.

3. The construction of the parts herein specified working in operative attachment and in combination with a cage denoted by the parts A to A7 substantially as and for the purposes herein set forth and explained and as illustrated in the accompanying drawings.

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

Application No. 3741.—WILLIAM TAYLOR, of Midland Foundry, Sandiacre, Derby, England, Engineer, "*Shunting levers or appliances for operating points and signals on railways and tramways and for other like purposes.*"—Dated 7th February, 1902.

#### Claims:—

1. A shunting-lever or appliance for operating and locking points or switches, and signals, on railways and tramways, or for other like purposes, consisting essentially of a helical element or screw of quick pitch, and a corresponding nut thereon adapted to traverse and operate said screw through the medium of a hand-lever (or its equivalent) the nut being provided with means to guide it in its reciprocations, and the screw with means for attachment to the rod actuating the points or switches, or the signals, substantially as described.

2. A shunting lever or appliance for operating and locking points or switches, and signals, on railways and tramways, or for other like purposes, consisting of two helical elements or screws of quick pitch, one being a right handed helix and the other a left handed helix, and a corresponding twin nut thereon adapted to traverse and operate said screws through the medium of a draw bar (or its equivalent) secured to said nut, one of the screws being provided with means for attachment to the rod actuating the points or switches, or the signals, substantially as described.

3. A shunting lever or appliance for operating and locking points or switches, and signals, on railways and tramways, or for other like purposes, in which the nut is restrained from longitudinal movement, and



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Applications for the Grants of Letters Patent