

# 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,  
7th 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. 3369.—CLARENDON JAMES SEAGER, of Shooobra Road, Elsterwick, Victoria, Grazier, "*Improvements in cavalry great coats and the like.*"—Dated 23rd April, 1901.

### Claims:—

1. In garments of the class set forth, the improvement which consists in providing on the inside thereof leg shields or flaps, substantially as and for the purposes set forth.
2. In garments of the class set forth, inside leg shields or flaps having one part permanently attached to the garment and another part adjustably attachable or detachable as required, substantially as and for the purposes set forth.
3. In garments of the class set forth, inside leg shields or flaps having means for the conversion thereof into pockets, substantially as and for the purposes set forth.

Specification, 4s. Drawings on application.

Application No. 3500.—EDWIN HANCOX, of Dixon Street, Stockton-on-Tees, England, "*Improvements in rivetless pipes.*"—Dated 9th August, 1901.

### Claim:—

The design for rivetless pipes, as herein shown and described, whereby pipes can be constructed in such a manner as to leave the outer surface of equal diameter.

Specification, 1s. Drawings on application.

Application No. 3666.—FRITZ EISENBEIS, Engineer, of Wellesweiler, and FERDINAND GARELLY, Manufacturer, of Saarbrücken, both in Germany, "*Improvements in stone-cutting and drilling machines.*"—Dated 3rd December, 1901.

### Claims:—

1. A machine for drilling, cutting or splitting stones or rocks and in which the drilling device *a* connected to a toothed sector *r*, which may be regulated horizontally and vertically at any point of the supporting column *s*, is moveable, horizontally or vertically, according to the position of the said sector and this by means of an endless screw fitted to the said drilling machine and gearing with the sector for the purpose of grooving and splitting rocks, as described and as shown.
2. A drill consisting of several cutting teeth, each of which is provided with an outer flat triangular face, two adjacent faces inclined inwardly and an inner triangular face, as described and as shewn in the accompanying drawings.
3. The application of the machine claimed in Claim No. 1, for bringing down masses of rock, the machine after having made the groove being brought into position in order to drill the hole for bringing down the rock and remaining in this position after having drilled the hole,

the drill being replaced by a hammer 1' in order to cause the wedge to advance, placed in the axial line of the hole, so as to bring down blocks without the use of any explosive whatever, as described and as shewn in the accompanying drawings.

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

Application No. 3742.—JOSEPH LYBRAND FERRELL, of 2218 Race Street, Philadelphia, U.S.A., Mechanical Engineer, "*Improvements in wood preserving.*"—Dated 11th February, 1902.

### Claims:—

1. The hereinbefore described product, characterised by capacity to resist flame and consisting of wood impregnated with aluminum sulphate.
2. The hereinbefore described product, characterised by capacity to resist flame and consisting of wood impregnated with aluminum sulphate mixed with another chemical capable of obviating the discoloring effect of the aluminum sulphate per se.
3. The hereinbefore described wood preserving compound, consisting of an aqueous solution of aluminum sulphate mixed with the residue of a carbonate decomposed in the presence of said sulphate.
4. The hereinbefore described process of preserving wood, which consists in making an aqueous solution of aluminum sulphate; mixing with said solution a carbonate; impregnating the wood with the mixed solution; and subsequently evaporating the moisture from the wood.
5. The hereinbefore described process of preserving wood, which consists in injecting a preserving fluid through the wood from one end thereof to the other, in the direction of the grain of the wood; discharging the fluid from the opposite end of the wood until the specific gravity of the fluid being emitted is substantially equal to that of the fluid being injected; thereupon, preventing the escape of the fluid from the wood at the discharge end thereof; and, continuing the injection of the fluid until it is distributed radially from the centre through the substance of the wood and appears at the circumference thereof.
6. The combination with an impregnating receptacle; of means for opening and closing said receptacle; a gasket of resilient material, within said receptacle, arranged to seal one end of a body of wood inserted therein; means to inlet and outlet fluid with respect to said receptacle; and, means to control the pressure of fluid at the secluded end of said body, independently of the remainder thereof.
7. The combination with an impregnating receptacle; of means for opening and closing said receptacle; means, within said receptacle, arranged to seal one end of a body of wood inserted therein; means to inlet and outlet fluid with respect to said receptacle; means to control the pressure of fluid at the secluded end of said body, independently of the remainder thereof; rollers mounted to rotate in said receptacle; and means, exterior to said receptacle, arranged to actuate said rollers.
8. The combination with an impregnating receptacle; of means for opening and closing said receptacle, consisting of removable lids secured to the opposite ends thereof; a gasket of resilient material within said receptacle; supported by one lid thereof; means, in the other of said lids, arranged to adjustably thrust a body of wood within said receptacle against said gasket; a fluid port for the space surrounding said body within said receptacle; means to control said port; a fluid port for the space enclosed by said gasket; and means to control said port.
9. The combination with an impregnating receptacle; of an externally projecting chamber arranged at the end thereof; a circumferential, inwardly facing, seat arranged around the end of said receptacle; a sliding lid, adapted to close against said seat and to be withdrawn into said chamber; means, connected with said lid, whereby it may be shifted to and from said chamber and said seat; means, within said receptacle, arranged to seal one end of a body of wood inserted therein; and, means to control the pressure of fluid at the secluded end of said body, independently of the remainder thereof.
10. The combination with an impregnating receptacle; of an externally projecting chamber arranged at the end thereof; a circumferential, inwardly facing, seat arranged around the end of said receptacle; a sliding lid, adapted to close against said seat and to be with-



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Applications for the Grant of Letters Patent