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

Important Notice.

Patent Office, Perth,
10th November, 1903.

NOTICE is hereby given that on and after the 11th November, 1903, cheques will not be received at the Patent Office, Perth, in payment of fees in connection with applications for Patents, Designs, Trade Marks, or Copyrights, unless same have previously been marked "good" by the Bank on which they are drawn.

MALCOLM A. C. FRASER,
Acting Registrar of Patents, Designs,
Trade Marks, and Copyrights.

Complete Specifications.

Patent Office, Perth,
13th November, 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. 4591.—EDWIN JAMES RESTOREK, of Normanby Chambers, Chancery Lane, Melbourne, in the State of Victoria, Australia, Accountant, "*Improvements in Wire Mattresses.*"—Dated 8th September.

Claims:—

1. A bracket to fit and remain in position on an iron bedstead without the aid of bolt or screw, and rise perpendicularly with, and close to the posts at the head, but diagonally from the posts at the foot.
2. For clips which grip each corner of the bedstead and hold the brackets rigidly in position.
3. A hollow tubular roller, with regulating bar; this bar secures a more even tension and prevents sagging more effectually than a bar cambered all round would.
4. The training bar, and stop bar for the foot of a mattress.
5. The casting of the bracket with the castings of a bedstead, thereby forming a combination bedstead and mattress.

Specification, 4s. Drawings on application.

Application No. 4665.—FRANK AMBROSE MOSS, Metallurgist, and WILLIAM BARTON, Mine Manager, both of Boulder, in the State of Western Australia, Commonwealth of Australia, "*A Process by the use of Chemicals for destroying the fumes from Explosives in Mines, especially in deep workings.*"—Dated 24th October, 1903.

Claims:—

1. The use of a solution composed of sulphate of iron or its equivalents, the chemicals specified and in the approximate proportions above given for the purpose of rendering innocuous the fumes arising from explosives used in mine workings substantially as described.

2. The use of a solution composed of above chemicals having sulphate of iron as their chief constituent, in such other proportions as circumstances may require for the purpose of rendering innocuous the fumes arising from explosives used in mine workings, substantially as described.

Specification, 3s. 6d.

Application No. 4669.—EDWARD WATERS, a member of the firm of Edward Waters and Son, Patent Agents, of Nos. 414-418 Collins Street, Melbourne, in the State of Victoria, Commonwealth of Australia, (*Charles Whitfield*), "*Improved Apparatus for manufacturing producer and water gas.*"—Dated 29th October, 1903.

Claims:—

1. A water gas producer wherein the more volatile vapours are drawn from the top of the generating chamber and caused to pass through the incandescent fuel at the lower part of the chamber, also wherein the less volatile vapours are drawn off at a lower level and caused to pass through the incandescent fuel from the opposite side of the chamber, as set forth.
 2. In combination with the gas producer set forth in Claim 1, a water sealed furnace grate, as set forth.
- Specification, 3s. Drawings on application.

Application No. 4670.—WILLIAM CHARLES STEPHENS, of "Endsleigh," Camborne, Cornwall, England, Engineer, "*Improvements in Rock Drills.*"—Dated 29th October, 1903.

Claims:—

1. In a rock drill, provided with a distributing valve, the movements of which are effected by the fluid which operates the drill, and wherein air locks are arranged at the ends of the said distributing valve, and provided with ports designed to be opened and closed by the reciprocation of the piston, the combination with the said ports of valves adapted to be operated by the said piston, substantially as and for the purpose described.
 2. In a rock drill, the combination with the cylinder and the piston reciprocating therein, of a distributing valve, air locks at the end of the distributing valve, ports in the cylinder connected with passages extending to the said air locks, and valves in connection with the said ports, designed to be operated by the movement of the piston past them, and arranged in connection with bushings or seats, substantially as and for the purpose described.
 3. In a rock drill, the combination with the working cylinder and the piston reciprocating therein, of a distributing valve, air locks at the extremities of the said distributing valve, passages connecting the said air locks with the cylinder, and valves for controlling the opening and closing of the said ports, the said valves being mounted on an oscillating lever or bar, substantially as described.
 4. In a rock drill, the combination with the working cylinder and the piston reciprocating therein, of a distributing valve, air locks at the extremities of the said distributing valve, passages connecting the said air locks with the cylinder, and valves for controlling the opening and closing of the said ports, the said valves being in the form of balls carried in suitable recesses in the piston walls and working in conjunction with adjustable seatings, substantially as described.
 5. In a rock drill, the combination with the working cylinder and the piston reciprocating therein, of a distributing valve, air locks at the extremities of the said distributing valve, passages connecting the said air locks with the cylinder, and valves for controlling the opening and closing of the said ports, the said valves being in the form of discs having projections extending into the working cylinder, substantially as described.
- Specification, 6s. Drawings on application.

Application No. 4671.—GODFREY BENINGTON JOHNSON, of 8 Victoria Street, Westminster, London, S.W. England, Engineer, "*Improvements in machinery for rolling sheet metal strips to a curved or other section.*"—Dated 29th October, 1903.



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Applications for the Grant of Letters Patent