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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,  
25th April, 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. 3466.—JAMES STEEDMAN HOLMES, of 207 Palmerston Street, Carlton, Victoria, Machinist, "Improved Manifold Counter-check or Sales-book for drapers, traders, and others."—Dated 25th July, 1901.

#### Claims:—

1. Two suitably printed, numbered and divided lengths or sheets of paper laid together with the corresponding numbers and divisions above one another, folded zig-zag fashion into book form substantially as and for the purpose described and as shown in the drawings.

2. Two sheets or lengths of paper both divided off at corresponding regular intervals by transverse lines of perforations and with the spaces between the division lines consecutively numbered, printed and prepared, one sheet to serve as the original and the other as the duplicate sales-check, laid together and folded zig-zag fashion into book form combined with a transfer or carbon sheet substantially as described and as shown in Figs. 1, 1a and 1b of the drawings.

3. Two sheets or lengths of paper both divided off at corresponding regular intervals by transverse lines of perforations and with the spaces between the divisions of each sheet prepared alternately to serve as original and duplicate sales-checks, each sheet being numbered consecutively although alternately in the spaces on opposite sides of each sheet, laid together and folded zig-zag fashion into book form, combined with a transfer or carbon sheet substantially as described and as shown in Figs 2, 2a and 2b of the drawings.

4. Two suitably prepared sheets or lengths of paper divided off equally by such as lines of perforations and each sheet marked or numbered consecutively laid one above the other and folded at the division lines zig-zag fashion into book form combined with a carbon or transfer sheet substantially as and for the purpose described and as shown in the drawings.

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

Application No. 3783.—PATRICK H. REARDON, of 24 First Street, San Francisco, U.S.A., Mechanic, "Improvement in Pressure Regulators."—Dated 18th March, 1902.

#### Claims:—

1. In a controlling device for air or other similar fluids, a pipe or casing provided with a check valve intermediate of its ends, a device moved by the pressure of the controlled fluid and so located that any leak of the fluid operating said device will return to the pipe, a valve opening exteriorly to the pipe by the movement of said movable device and means adapted to apply pressure to the valve to resist its opening.

2. In a controlling device for air or other similar fluids, a pipe or casing provided with a check valve intermediate of its ends, a cylinder on the receiving side of the check valve provided with a movable piston, each end of the cylinder being in continuous communication with the pipe, one end of the cylinder being connected with the pipe beyond the check valve and the other on the opposite side thereof, a valve opening

exteriorly to the pipe by the movement of the piston and means adapted to apply pressure to the valve to resist its opening.

3. In a controlling device for air or other similar fluids, a pipe or casing provided with a check valve intermediate of its ends, a cylinder on the receiving side of the check valve provided with a movable piston the cylinder being in continuous communication with said pipe on both sides of said piston, a valve opening exteriorly to the pipe connected to the piston opened by the movement thereof and means for applying pressure to the valve to oppose the movement of the piston.

4. In a controlling device for air or other similar fluids, a pipe or casing provided with a check valve intermediate of its ends, a cylinder therein on the receiving side of the check valve provided with a movable piston so located as to receive the pressure of the controlled fluid on both sides, said cylinder having a passage connecting its outer end and the pipe beyond the check valve whereby the pressure in the pipe is communicated continuously to the end of the piston to move it, a valve opening exteriorly to the pipe connected to said piston, opened by the movement thereof and means for applying pressure to the valve to oppose the movement of the piston.

5. In a controlling device for air or other similar fluids, a pipe or casing provided with a check valve intermediate of its ends, a cylinder therein on the receiving side of the check valve provided with a movable piston so located as to receive the pressure of the controlled fluid on both sides, said cylinder having a passage connecting its outer end and a pipe beyond the check valve whereby pressure in the pipe is communicated continuously to the end of the piston to move it, a valve opening exteriorly to the pipe connected to said piston, opened by the movement thereof and a weighted lever for applying pressure to the valve to oppose the movement of the piston.

6. In a controlling device for air or other similar fluids, a pipe or casing provided with a check valve intermediate of its ends, a cylinder therein transverse to said pipe and beneath the check valve provided with a piston movable in a direction transversely of the pipe so located as to receive the pressure of the controlled fluid on both sides, said cylinder having a passage connecting its outer end and the pipe beyond the check valve whereby pressure in the pipe is communicated continuously to the end of the piston to move it, a valve opening exteriorly to the pipe connected to said piston, opened by the movement thereof, said valve having a flange overhanging its side and means for applying pressure to the valve to oppose the movement of the piston.

7. In a controlling device for air or other similar fluids, a pipe or casing provided with a check valve intermediate of its ends, a cylinder therein at one side transverse to said pipe and beneath the check valve provided with a piston movable in a direction transversely to the pipe and so located as to receive the pressure of the controlled fluid on both sides, said cylinder having a passage connecting its outer end and the pipe beyond the check valve whereby pressure in the pipe is communicated continuously to the end of the piston to move it, a valve at the side of the pipe opposite to said piston and opening exteriorly to the pipe connected to said piston, opened by the movement thereof, said valve having a flange overhanging its seat and a bell-crank lever provided with an adjustable weighting device on one of its arms and the other arm suitably engaging with the valve whereby the weighting device on the other arm opposes the movement of the piston and the opening of the valve.

8. In a controlling device for air or other similar fluids, a pipe or casing provided with a check valve intermediate of its ends, a cylinder adjacent to and on the receiving side of the check valve provided with a movable piston therein, said cylinder having a passage connecting its outer end and the pipe beyond the check valve whereby pressure in the pipe is communicated to the end of the piston to move it, a valve having a flange overhanging its seat opening exteriorly to the pipe connected to said piston, opened by the movement thereof, and means for applying pressure to the valve to oppose the movement of the piston.

9. In a controlling device for air or other similar fluids, a pipe or casing provided with a check valve intermediate of its ends, a cylinder adjacent to and on the receiving side of the check valve provided with a movable piston therein, said cylinder having a passage connecting its outer end and the pipe beyond the check valve whereby pressure in the pipe is communicated to the end of the piston to move it, a valve having a flange overhanging its seat provided with a circumferential ring adapted to fit the exterior wall of the valve seat, said valve opening exteriorly to the pipe connected to said piston, opened by the movement thereof, and a weighted lever for applying pressure to the valve to oppose the movement of the piston.

Specifications, 8s. Drawings on application.



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Applications for the Grant of Letters Patent