

J. O. WADDELL.

FAUCET.

No. 177,440.

Patented May 16, 1876.

Fig. 1.

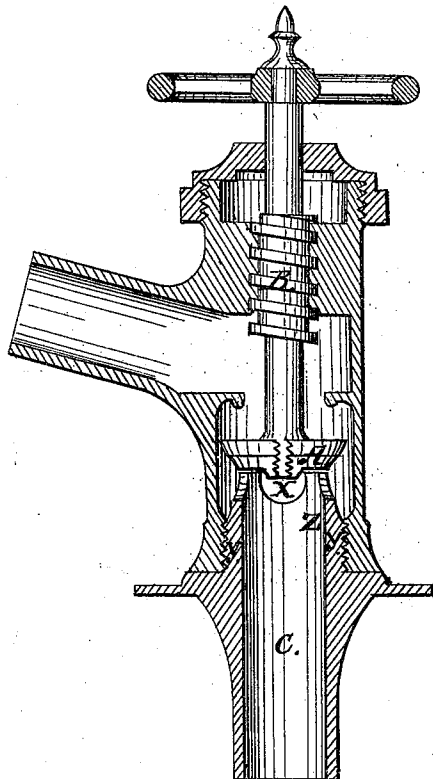


Fig. 2.

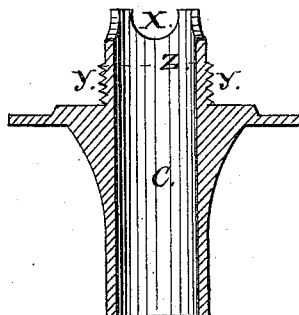
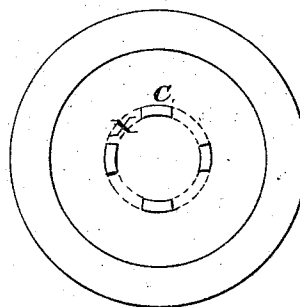


Fig. 3.



Witnesses:

Wm M. Gooding
Edward Colver

Inventor,

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UNITED STATES PATENT OFFICE.

JAMES O. WADDELL, OF NEWARK, NEW JERSEY.

IMPROVEMENT IN FAUCETS.

Specification forming part of Letters Patent No. **177,440**, dated May 16, 1876; application filed October 13, 1875.

To all whom it may concern:

Be it known that I, JAMES O. WADDELL, of the city of Newark, in the county of Essex and State of New Jersey, have invented an Improvement in Faucets, which is fully set forth in the following specification; reference being had to the accompanying drawings.

The nature of the improvement consists in the construction and arrangement of a stop to the opening valve, that at the same time allows ample water-way through the same.

In the drawings, Figure 1 is a sectional view of the interior of the faucet; Fig. 2, a sectional view of the improved thimble, and Fig. 3 a top view of the same.

A is the valve, so arranged as to close in the direction of the current of water, it being operated by the left thread-screw B, closing

the valve by being turned to the right. C is the thimble for connection with the supply-pipe. The induction-passage Z is extended above the connecting-screw Y to the height required to allow the desired length of travel of the valve between the seat and the top of the thimble which forms the stop. In the top of the thimble there are downward openings X, provided for free passage of the fluid.

What I claim as my improvement, and desire to secure, is—

The extension Z and water-ways X, applied to the thimble of a faucet, substantially as and for the purposes specified and shown.

JAMES O. WADDELL.

Witnesses:

W. M. GOODING,
EDWARD COLLIER.