

W. P. MYER.

CUT-OFFS FOR WATER-CONDUCTORS.

No. 176,238.

Patented April 18, 1876.

Fig. 1

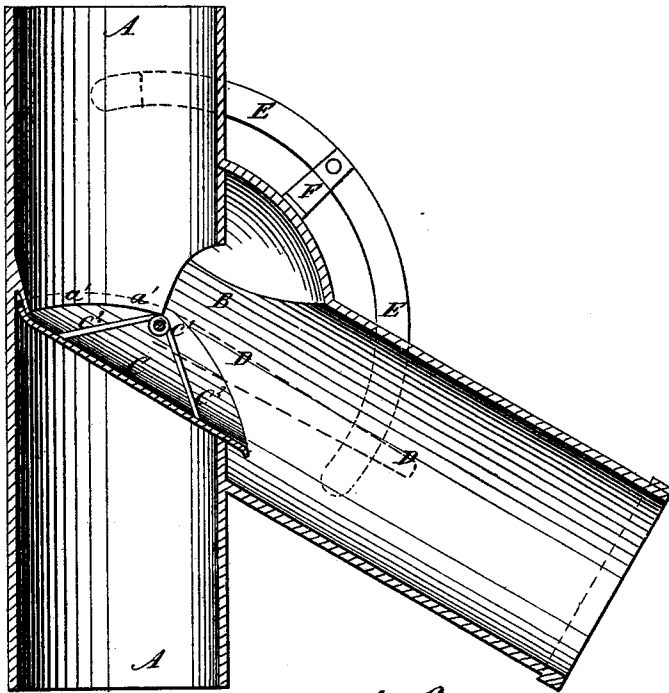
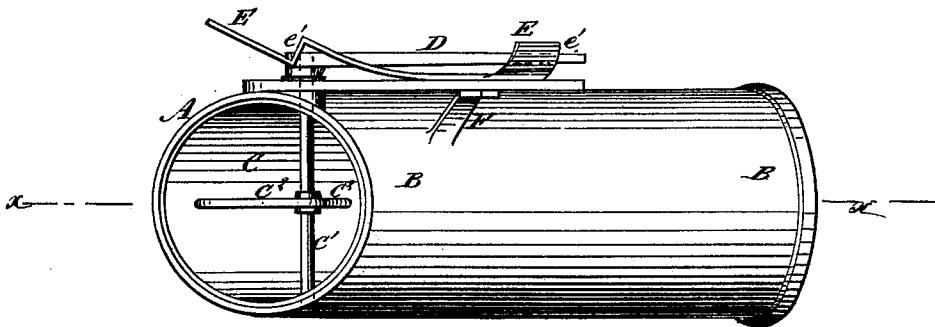


Fig. 2



WITNESSES.

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INVENTOR:

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UNITED STATES PATENT OFFICE.

WILLIAM P. MYER, OF TERRE HAUTE, INDIANA.

IMPROVEMENT IN CUT-OFFS FOR WATER-CONDUCTORS.

Specification forming part of Letters Patent No. **176,238**, dated April 18, 1876; application filed March 21, 1876.

To all whom it may concern:

Be it known that I, WILLIAM P. MYER, of Terre Haute, in the county of Vigo and State of Indiana, have invented a new and useful Improvement in Cut-Off for Water-Conductors, of which the following is a specification:

Figure 1 is a vertical longitudinal section of my improved device, taken through the line *x x*, Fig. 2. Fig. 2 is a top view of the same.

Similar letters of reference indicate corresponding parts.

The object of this invention is to furnish an improved cut-off for the water conductors or leaders of buildings, which shall be simple in construction, easily shifted to direct the water into one or the other of the discharge-pipes, and will always indicate in what position the shifting-spout may be set.

The invention consists in the combination of the rigid shaft, the rigid lever, and the curved spring-catch bar with the shifting-spout and the branched pipes, as hereinafter fully described:

A is the conductor-spout, which leads to the cistern or other receiver. B is the branch discharge-pipe which leads to the waste-pipe, sewer, or other place where the water is to be discharged. The pipe B is connected with a hole in the side of the pipe A. To the pipes A B, where they meet, is pivoted a spout, C, which is made half round at its middle part and has its ends rounded off. The end edge toward the pipe B is slightly inclined outward, and its other end edge is slightly inclined in-

ward, and underlaps a flange, *a'*, formed upon the inner surface of the pipe A. The spout C is strengthened against the dash of the water by braces *c'*, extending from its pivoting-shaft *c'* to its end parts. The spout C is rigidly attached to the shaft *c'*, and to one of the ends of said shaft is rigidly attached a lever, D, which is placed parallel with the length of the spout C, so as to always indicate in what position the said spout may be. E is a spring-bar, the middle part of which is attached to an arm, F, attached to the pipes A B at their angle. The bar E is curved upon the arc of a circle, and has shoulders *e'* formed upon it near its ends to receive the lever D and lock it in place.

By this construction, by shifting the lever D from one to the other of the shoulders *e'*, the spout C will be shifted to cause the water to be discharged through either of the discharge-pipes, as may be desired.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

The combination of the rigid shaft *c'*, the rigid lever D, and the curved spring-catch bar E, with the shifting spout C and the branched pipes A B, substantially as herein shown and described.

WILLIAM PAUL MYER.

Witnesses:

JAMES D. BROWN,
JOHN C. MYER.