HENRY MYERS, Jr

Improvement in Cut-Offs for Water Conductors.

No. 115,977. Patented June 13, 1871.

Fig. 1

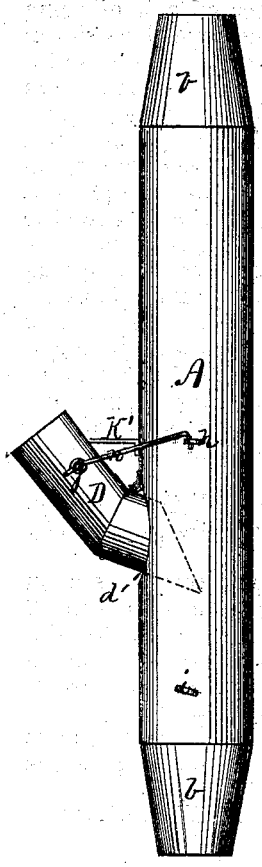
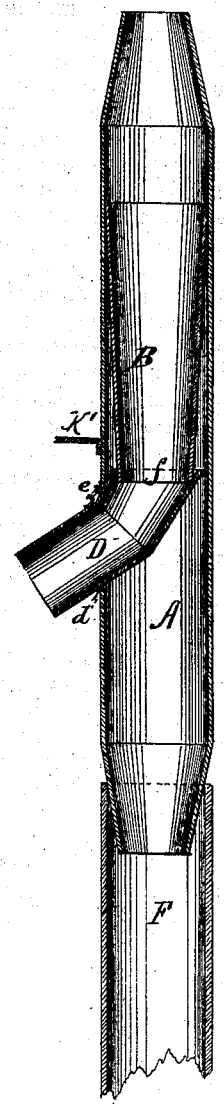


Fig. 2.



Witnesses.
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UNITED STATES PATENT OFFICE.

HENRY MYERS, JR., OF McLEAN, ILLINOIS.

IMPROVEMENT IN CUT-OFFS FOR WATER-CONDUCTORS.

Specification forming part of Letters Patent No. 115,977 dated June 13, 1871.

To all whom it may concern:

Be it known that I, HENRY MYERS, Jr., of McLean, in the county of McLean and State of Illinois, have invented a new and valuable Improvement in Water-Conductors; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawing making a part of this specification and to the letters and figures of reference marked thereon.

Figure 1 of the drawing is my invention in plan view. Fig. 2 is a central vertical section of the same.

My invention relates to cut-offs for cisterns, and consists in the construction and novel arrangement of devices intended to serve as a valuable and efficient apparatus for changing the direction of the flow of water through the cistern-pipe.

A represents the outside case or pipe, made somewhat larger in diameter than the supply-pipe F, with which it is connected by tapering ends *b b'*. This enlargement is designed to give room for the inner funnel without obstructing in the least the flow of water. Within the case A, and at its upper end, is fastened a tube, B, gradually contracting or tapering toward its lower end *f*, which is designed to correspond in size with the main supply-pipe F, and to fit within the end of the spout D when the latter is thrown into connection. In the pipe A is cut out an opening, *d*, and in this opening I arrange an elbow-spout or chute, D, by hinging it to the pipe at *e*, above the elbow and in the bend thereof. By means of the hinge the elbow is rendered capable of being thrown into and out of the pipe C, as shown on the drawing in Figs. 1 and 2. To the outer surface of the spout and pipe are secured eyes and hooks marked *g*, *h*, and *i*, for the purpose of holding the spout in position up or down, as may be desired. K' is a bracket or stop attached to the front of the pipe A to prevent vibration or shaking of the elbow. When the spout is turned up in its position, with the hook *g* secured into the eye *h*, it closes the elliptical opening in the side of the pipe and allows the free passage of the water down to the cistern. When the spout is turned inward its inner end encircles the lower end of the inner tube B, and thus form a tight joint therewith, and cuts off the flow of water down the pipe, and carries it through the spout D into the yard or waste-reservoir.

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

The combination, with the expanded section A, provided with the tapering guide-tube B and the elliptical opening *d*, of the tubular elbow-spout D, hinged at the top of the opening *d*, and beveled at its inner end, substantially as herein shown and described.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

HENRY MYERS, JR.

Witnesses:

WM. H. CARRINGTON,

FRANKLIN T. KING.