J. Ash,

Cut-Off for Water Conductors

No. 49,960. Patented Sep. 19, 1865

Fig. 2.

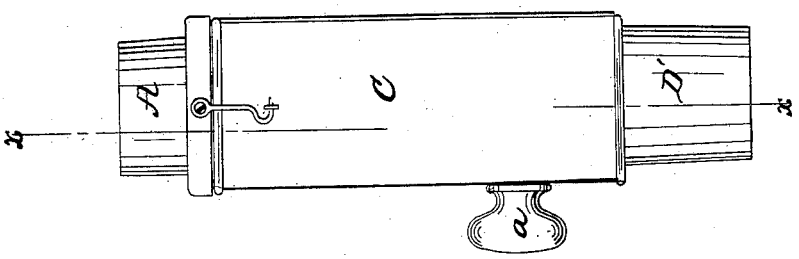
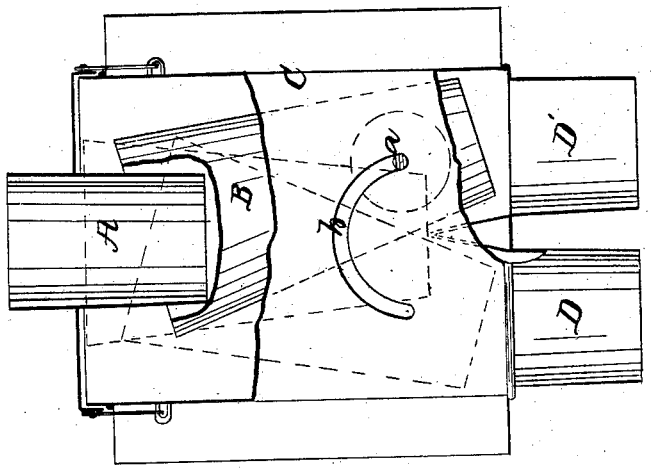


Fig. 1.



Witnesses.
Wm. Treurn
Thos. Tusch

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UNITED STATES PATENT OFFICE.

JAMES ASH, OF STERLING, ILLINOIS.

IMPROVEMENT IN CUT-OFFS FOR WATER-CONDUCTORS.

Specification forming part of Letters Patent No. **49,960**, dated September 19, 1865.

To all whom it may concern:

Be it known that I, JAMES ASH, of Sterling, in the county of Whiteside and State of Illinois, have invented a new and Improved Cut-Off for Water-Conductors; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 represents a sectional front elevation of this invention, the line *x x*, Fig. 2, indicating the plane of section. Fig. 2 is a side elevation of the same.

Similar letters of reference indicate corresponding parts.

This invention relates to certain improvements on conductors of water on buildings, and its object is to change the direction of the current from one outlet to another with little trouble or loss of time.

The invention consists in the application to a conductor of water on a building of an adjustable tube, the position of which can be changed in such a manner that the water running down through said conductor can be directed to either one of two outlets, and the discharge of the water can thus be regulated at pleasure.

A represents a conductor of water such as generally used on buildings, extending from the gutter to the ground. In many cases it is desirable to collect the water discharging from said conductor in a cistern, and if the cistern is full and the current still continues, it is necessary to change the discharge and to direct it to some other place or receptacle. This object is effected by the use of an oscillating tube, B, which may be made flaring, if desired, and which is inclosed in a box, C. The lower end of the conductor A passes a short distance down in the flaring tube, and a button, *a*, which projects from the box or chamber C serves to adjust the flaring tube in the desired position. Said button connects with the tube by means of a shank or pin which moves in a segmental slot, *h*, in the front side of the box C, and this slot limits the lateral motion of the flaring tube. From the lower edge of the box C projects two pipes, D D′, which represent the discharge-pipes. If it is desired to cause the water to discharge from the pipe D′, the flaring tube is brought in the position shown in black outlines in Fig. 1; but if it is desired to discharge through the pipe D, the flaring tube must be brought in the position shown in red outlines in said figure.

The change in the position of the flaring tube can be effected simultaneously simply by pushing the button *a* from one end of the slot *b* to the other, and the direction of the current of water can thus be changed at any moment whenever it may be desirable.

This attachment is cheap and simple, and it is of great convenience in such cases where the water from the gutters on a building is collected in a cistern, so that when the cistern is full the water can be cut off instantaneously and without interrupting the free discharge of water from the conductor.

I claim as new and desire to secure by Letters Patent—

The adjustable tube B, applied in combination with the conductor A and discharge-pipes D D′, substantially in the manner and for the purpose set forth.

JAMES ASH.

Witnesses:
I. S. STAGER,
A. L. DANIELS, Jr.