

W. W. Phillips,

Hydrant Tap.

No. 109049.

Patented Nov. 8. 1870.

Fig. 1.

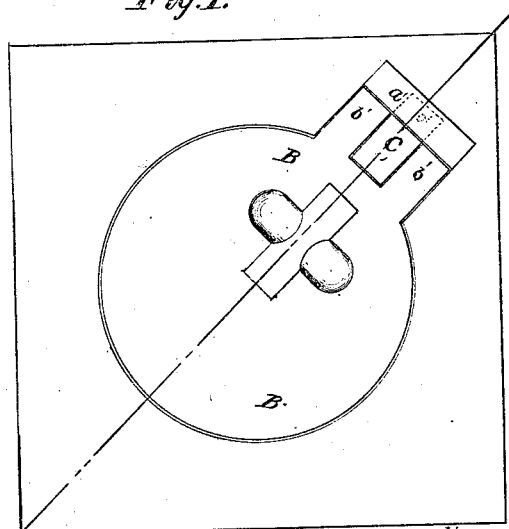
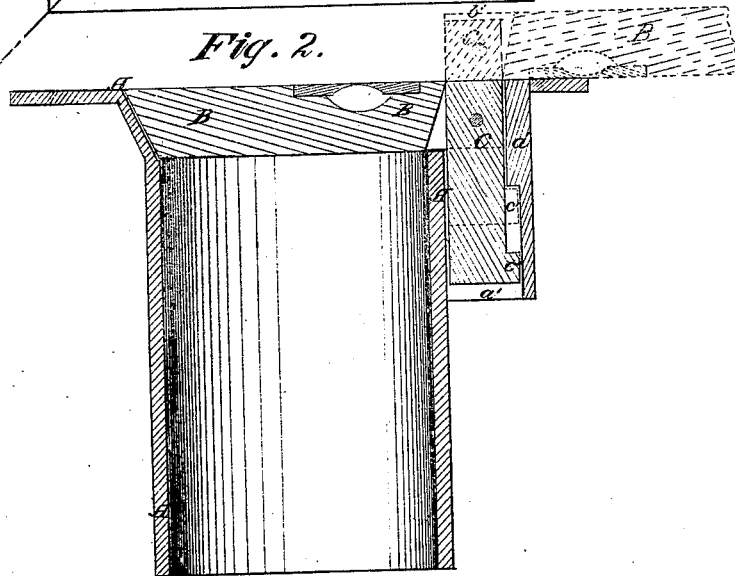


Fig. 2.



Witnesses:

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United States Patent Office.

WILLIAM W. PULLIS, OF ST. LOUIS, MISSOURI, ASSIGNOR TO THOMAS R. PULLIS AND JOHN PULLIS, OF SAME PLACE.

Letters Patent No. 109,049, dated November 8, 1870.

IMPROVEMENT IN TOPS OF GAS AND WATER STOP-COCK BOXES.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, WILLIAM W. PULLIS, of St. Louis, in the county of St. Louis and State of Missouri, have invented a new and useful Improvement in Tops of Gas and Water Stop-Cock Boxes; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification.

Figure 1 is a top view of a gas or water stop-cock box to which my improvement has been attached.

Figure 2 is a detail vertical section of the same taken through the line *xx*, fig. 1.

Similar letters of reference indicate corresponding parts.

My invention has for its object to improve the construction of the tops of gas and water-pipe boxes, so as to make them more convenient in use, and which shall prevent the possibility of the covers of said boxes being lost or carried off; and

It consists in the combination of the sliding pin or bar with the cover and box, as hereinafter more fully described.

A is the body of the box, the inner edge of the upper part of which is beveled off to form a seat for the cover B, and has an outwardly-projecting flange formed around it in the ordinary manner.

B is the cover which fits into the bevelled upper

end of the body A, and has lugs *b'* formed upon its rear edge, by means of which it is pivoted or hinged to the upper end of the pin or bar C.

The bar or pin C slides up and down in the socket *a'* formed upon the side of the upper end of the box A, and has a shoulder, *c'*, formed upon the side of its lower end, which enters a groove in the side of the socket *a'*, and limits the upward movement of said bar by striking against the shoulder at the end of the said groove, as shown in dotted lines in fig. 2.

By this construction, in opening the box A the cover B is raised, raising the bar or pin C to its limit, when the cover B may be turned back upon the surface of the ground, as shown in dotted lines in fig. 2.

This construction conveniently hinges the cover to the box, prevents the possibility of the covers being lost, and, when the cover is shut down, leaves the upper surface of the top of the box entirely smooth.

Having thus described my invention,

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

The sliding-bar or pin C, to which the cover B is hinged, in combination with the cover B and upper part of the box A, substantially as herein shown and described, and for the purpose set forth.

WILLIAM W. PULLIS.

Witnesses:

WILLIAM KOKEN,
JOSEPH ROLFMEYER.