

S. PORTER.  
SINK-STRAINER.

No. 182,472.

Patented Sept. 19, 1876.

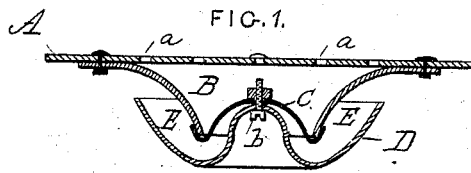
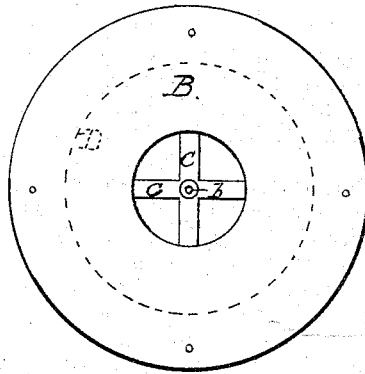


FIG. 2.



WITNESSES.

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# UNITED STATES PATENT OFFICE.

STEPHEN PORTER, OF BOSTON, MASSACHUSETTS.

## IMPROVEMENT IN SINK-STRAINERS.

Specification forming part of Letters Patent No. **182,472**, dated September 19, 1876; application filed July 7, 1876.

*To all whom it may concern:*

Be it known that I, STEPHEN PORTER, of Boston, county of Suffolk and State of Massachusetts, have invented a new and useful Improvement in Sink-Strainers, of which the following is a specification:

This invention consists in the combination with, and attachment to, an ordinary strainer-plate for the waste-pipes of water-sinks of a trap for trapping the water as it passes through the strainer to the waste-pipe, and thereby preventing the escape of the stench from the drains or sewers.

In the accompanying plate of drawing, Figure 1 is a central cross-section of my combined strainer-plate and water-trap. Fig. 2, a plan view with the strainer-plate detached.

In the drawings, A represents a strainer-plate, having holes *a a* for the passage of water through it. These holes *a* open into a tunnel-shaped tube, B, which is fastened to the under side of the plate A. To the cross-arms C, at lower open end of the tube B, is se-

cured, by a rivet or screw-bolt, *b*, a cup-shaped dish, D, and the lower open end of strainer-tube B sets into the cavity or hollow E of this dish D, which makes a water-trap on the strainer-plate in which water will remain as the water runs through the strainer-plate, and thereby prevent the escape of stench from the drain or sewer. In lieu of securing the dish D to the tube B by the cross-arms C, as shown, it can be attached by bolt or otherwise directly to the strainer-plate A.

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

The combination, with a strainer-plate, A, having a tube, B, of a cup-shaped dish, D, which is applied to the said plate A, substantially as and for the purpose described.

S. PORTER.

Witnesses:

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