

S. PORTER.
SINK-STRAINER.

No. 182,472.

Patented Sept. 19, 1876.

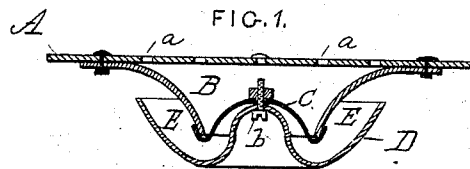
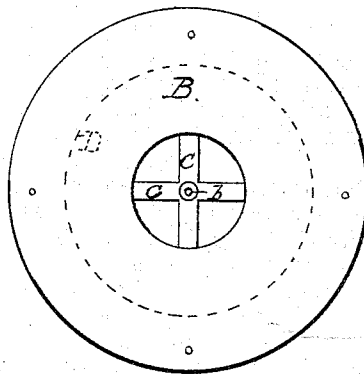


FIG. 2.



WITNESSES.

Geo H. Carl
John D. Gould.

INVENTOR.

S. Porter
Per Brown Bros
Attorneys.

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:

EDWIN W. BROWN,

GEO. H. EARL.