

J. H. CODDING.  
Sink-Trap.

No. 199,413.

Patented Jan. 22, 1878.

Fig. 1.

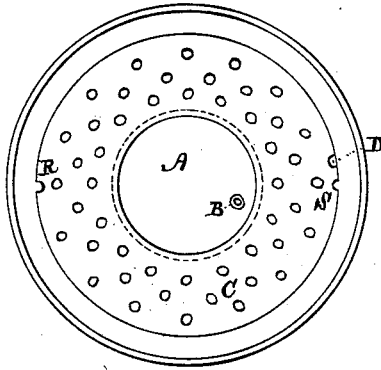


Fig. 2.

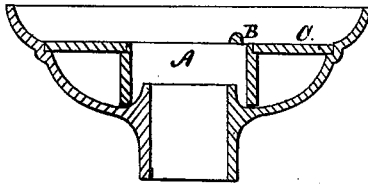
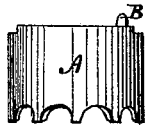


Fig. 3.



Witnesses.  
John T. Dunlap  
Wm B Hathaway

James H. Coddington Inventor

# UNITED STATES PATENT OFFICE.

JAMES H. CODDING, OF TAUNTON, MASSACHUSETTS.

## IMPROVEMENT IN SINK-TRAPS.

Specification forming part of Letters Patent No. **199,413**, dated January 22, 1878; application filed September 22, 1877.

*To all whom it may concern:*

Be it known that I, JAMES H. CODDING, of Taunton, in the county of Bristol and State of Massachusetts, have invented certain Improvements in Sink-Traps, of which the following is a specification:

The object of my invention is to so arrange and operate certain parts of the trap as to effectually prevent the settling of any sediment therein, and to remove any obstruction to the perfect operation of the same.

The bowl or cavity in the sink is made, as usual, with the edge of the orifice in its bottom raised three-fourths of an inch or an inch above the surrounding surface. Over this orifice I place an inverted cup, or, more properly, a cap, whose inside diameter is somewhat larger than the orifice, having its lower edge serrated, resting upon the bottom of the bowl. Around this cap, at its upper end, and flush or even with it, I place a ring or piece of perforated metal, to act as a strainer, preventing the larger particles of waste from passing through into the lower part of the bowl. This plate or strainer is secured to the bowl by the peculiar method shown, not requiring the use of screws, rivets, or anything except the little spurs or teats R and S, cast upon the inner surface of the bowl, and under which the strainer is locked, and yet allowing of easy removal when desired.

The arrangement and operation of the several parts will be better understood by reference to the accompanying drawings, making a part of this specification, in which—

Figure 1 represents a top or plan view; Fig. 2, a sectional view, and Fig. 3 a view of the cap alone.

A is the cap; B, the knob or handle by which the cap is moved; C, the strainer; D, an opening in the outer edge of the strainer, to permit it to pass over or by the spur S.

In putting these parts together the cap A is placed over the orifice, resting its lower edge on the inside surface of the bowl. This feature, in practice, has proved to be an important part of my improvement, as the cap never becomes obstructed, as it frequently does when riveted to or suspended from the under side of the strainer without reaching the bottom of the bowl. The perforated ring or strainer C is next placed under the spur R, so that when dropped down the opening D will permit the plate C to pass to its bearings below the spur S, when a slight turn of the plate in either direction passes it under the spur S, securing it firmly, and at the same time allowing of motion to the cap A.

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

The cap A, resting upon the inner surface of the bowl, in combination with the perforated plate C and the bowl, having the spurs R and S, all for the purposes and in the manner substantially as herein set forth.

JAMES H. CODDING.

Witnesses:

JOHN F. DUNLAP,  
WM. B. HATHAWAY.