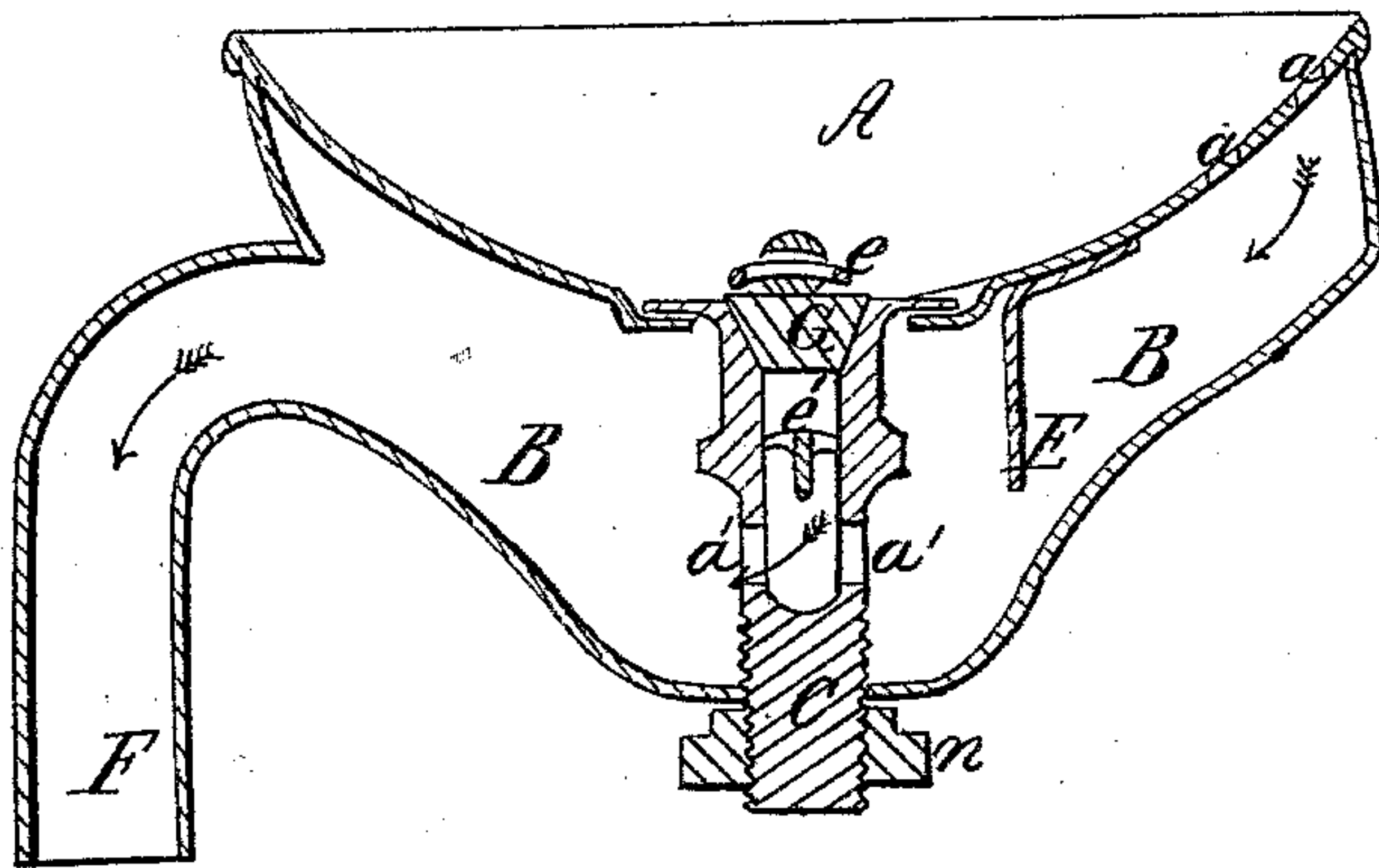
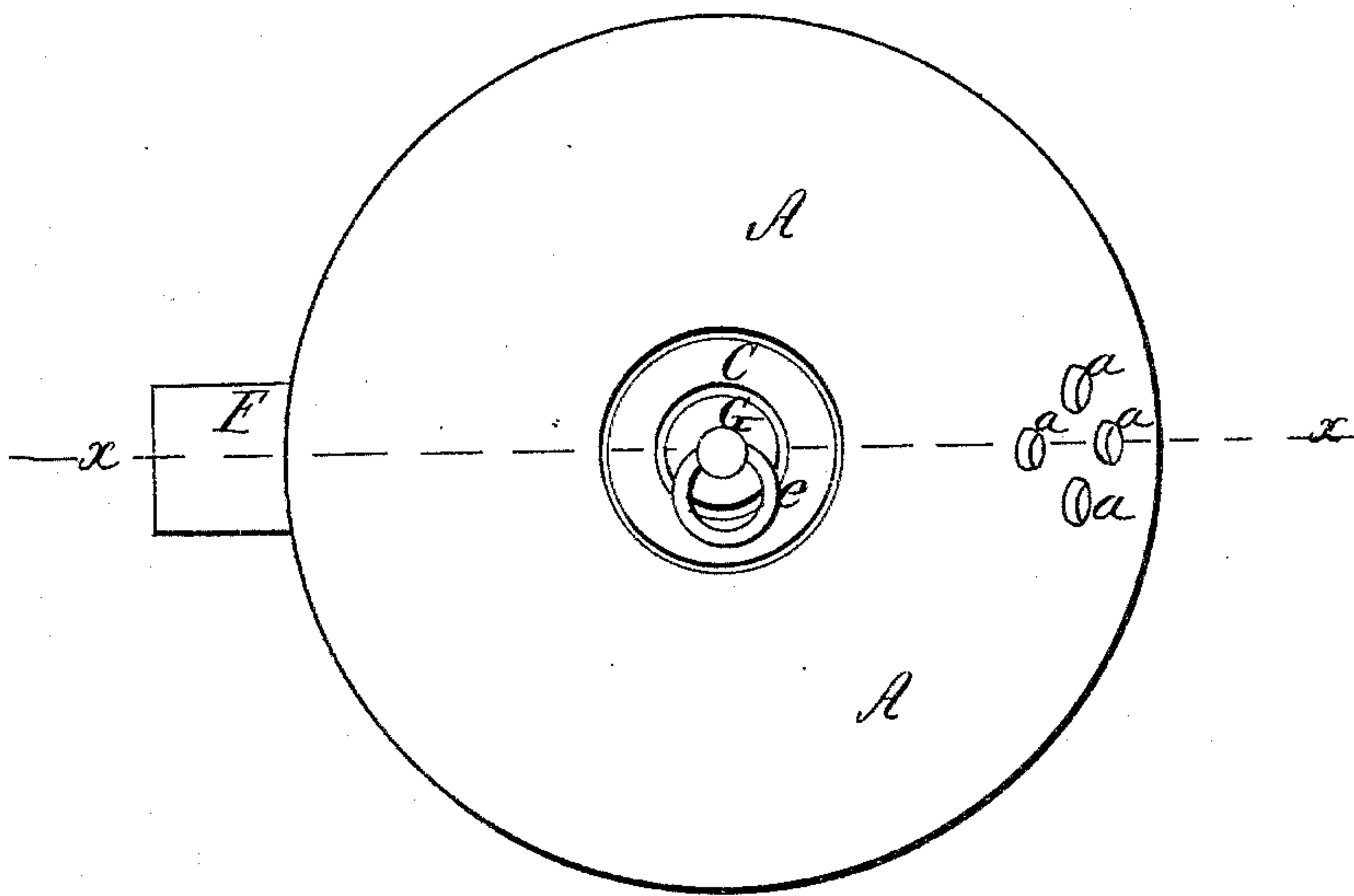


J. McCloskey.

Stretch Tray.

N^o 87,422.

Patented Mar. 2, 1869.



Witnesses;
W. C. Ashkett
Geo Ensch

Inventor;
Jas McCloskey
per J. Munroe
attorneys

United States Patent Office.

JOHN McCLOSKEY, OF NEW YORK, N. Y.

Letters Patent No. 87,422, dated March 2, 1869.

IMPROVEMENT IN STENCH-TRAPS AND OVERFLOWS FOR BASINS.

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, JOHN McCLOSKEY, of the city, county, and State of New York, have invented a new and improved Stench-Trap and Overflow for Bowls, Closets, &c.; 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.

This invention relates to a new and improved method of constructing the stench-traps and overflows of wash-bowls, sinks, water-closets, &c., whereby the same more effectually prevent the rising of noxious and unpleasant gases from the said bowls, sinks, &c.

In the accompanying plate of drawings—

Figure 1 is a plan view of a bowl, or basin, with my invention attached to the same.

Figure 2 is a central vertical sectional view of the same, taken in the line *x x*, fig. 1.

Similar letters of reference indicate corresponding parts.

The bowl, or basin, A, is of the same material and form as the wash or sink-bowls now commonly in use, and is furnished, upon the under side, with a hollow metallic attachment, B, as shown.

The attachment B commences at one side of the bowl A, near the top of the same, and passes nearly around the same, and so as to be deepest under the centre of the bowl A, as shown, and is bent outward and downward on the other side of said bowl A, at about the height of the bottom of the bowl, or basin A, and terminates in an outlet, F, into any drain or pipe.

The attachment B must be of sufficient size to carry off any supply of water furnished to the bowl A, and so also as to receive the plug-tube C, and contain a column of water in said attachment all around the plug-tube C, to the height of the bend in said attachment, or nearly to the bottom of the bowl A, so as entirely to cover the orifices *a'*, the water thus preventing the escape of the gases through said orifices *a'*.

In the bowl A, at one side, and near the top of the same, are four or more orifices *a*, opening into the attachment B, as shown.

Through the bottom of the bowl A, and in the centre of the same, and also through the bottom of the

attachment B, as shown, is a hole to receive a plug-tube, C.

The plug-tube C is provided with a flange on the upper end of the same, by means of which, and suitable packing, water is prevented from leaking around the same, and is furnished with a movable plug, G, in the ordinary way.

Said tube C is made of metal, of sufficient length to extend through the bottom of the attachment B, as shown, and is provided at the lower end with a screw-thread, to receive a nut or coupling, *n*, by means of which, and suitable packing between said nut *n* and said attachment B, the escape of water around said tube C, from the inside of the attachment B, is prevented, and, by removing the nut *n*, the tube C can at any time be easily taken out, when necessary, for cleaning or repairs.

The tube C is provided, within the attachment B, with two or more orifices, *a'*, opening into the inside of said attachment B, below the level of the bend in the same, and so as, when the plug G is removed, the water contained in the bowl A will be discharged at the outlet F, still leaving the inside of the attachment B nearly full of water, and above the level of the orifices *a'*.

Within the attachment B, so as to give a proper direction to the current of water when overflowing at the orifices *a*, is a metallic partition, E, as shown.

The tube C is furnished with a strainer, *e*, as shown in the drawing.

The tube C is tightly closed at the bottom of the same, as shown.

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

The plug-tube C, having orifices *a'* and strainer *e*, in combination with the bowl A, provided with openings *a*, and the hollow metallic attachment B F, in which a partition, E, is placed, all constructed and arranged to operate substantially as and for the purpose specified.

JOHN McCLOSKEY.

Witnesses:

GEO. H. PALMER,

WM. F. McNAMARA.