

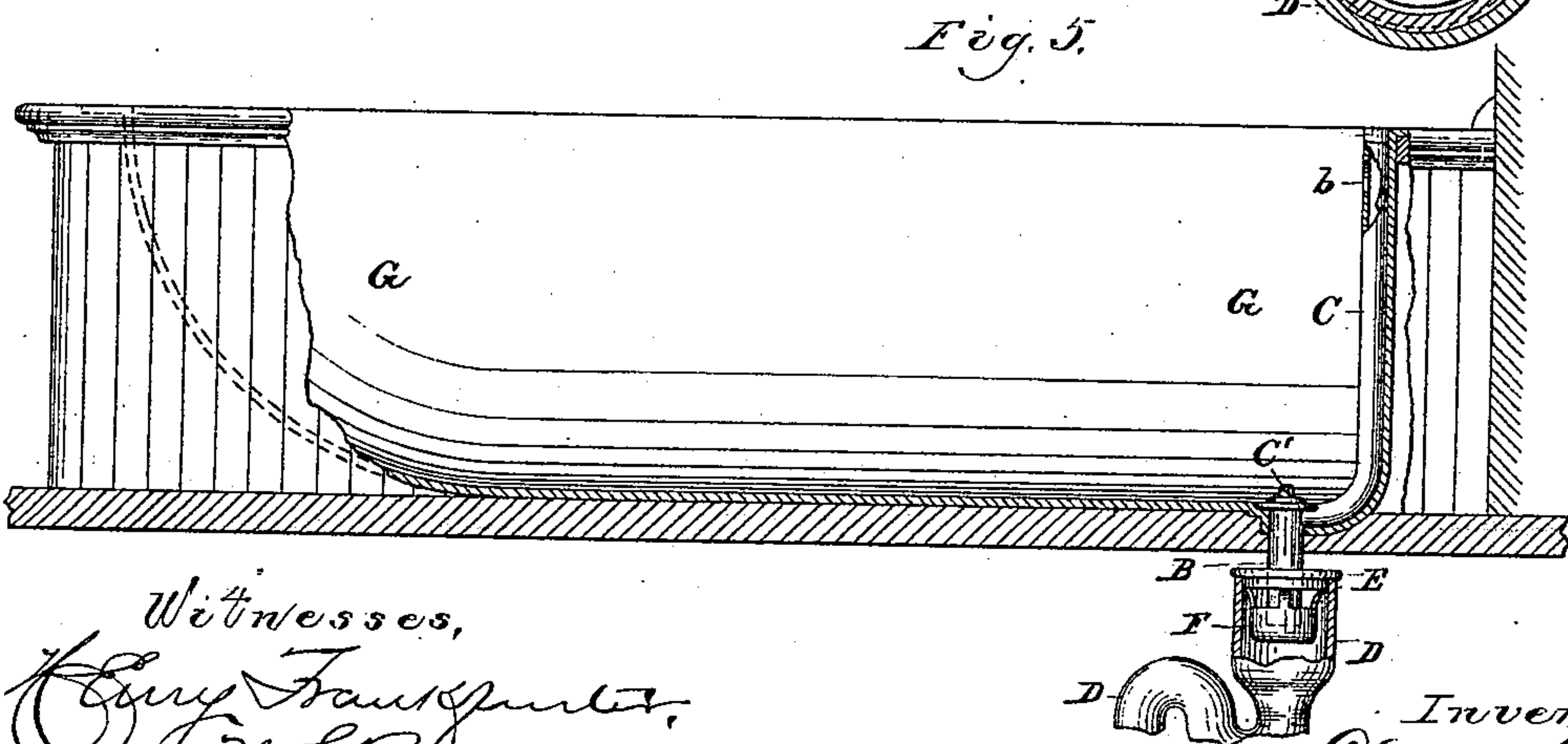
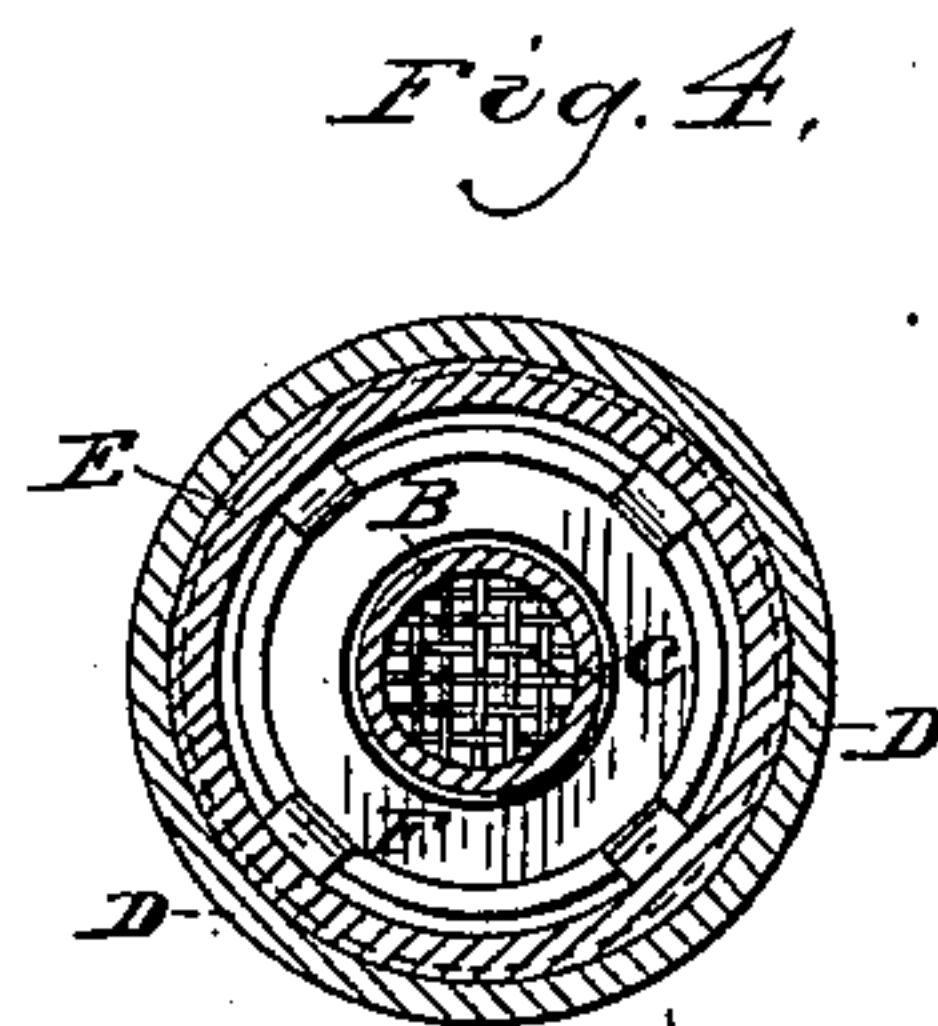
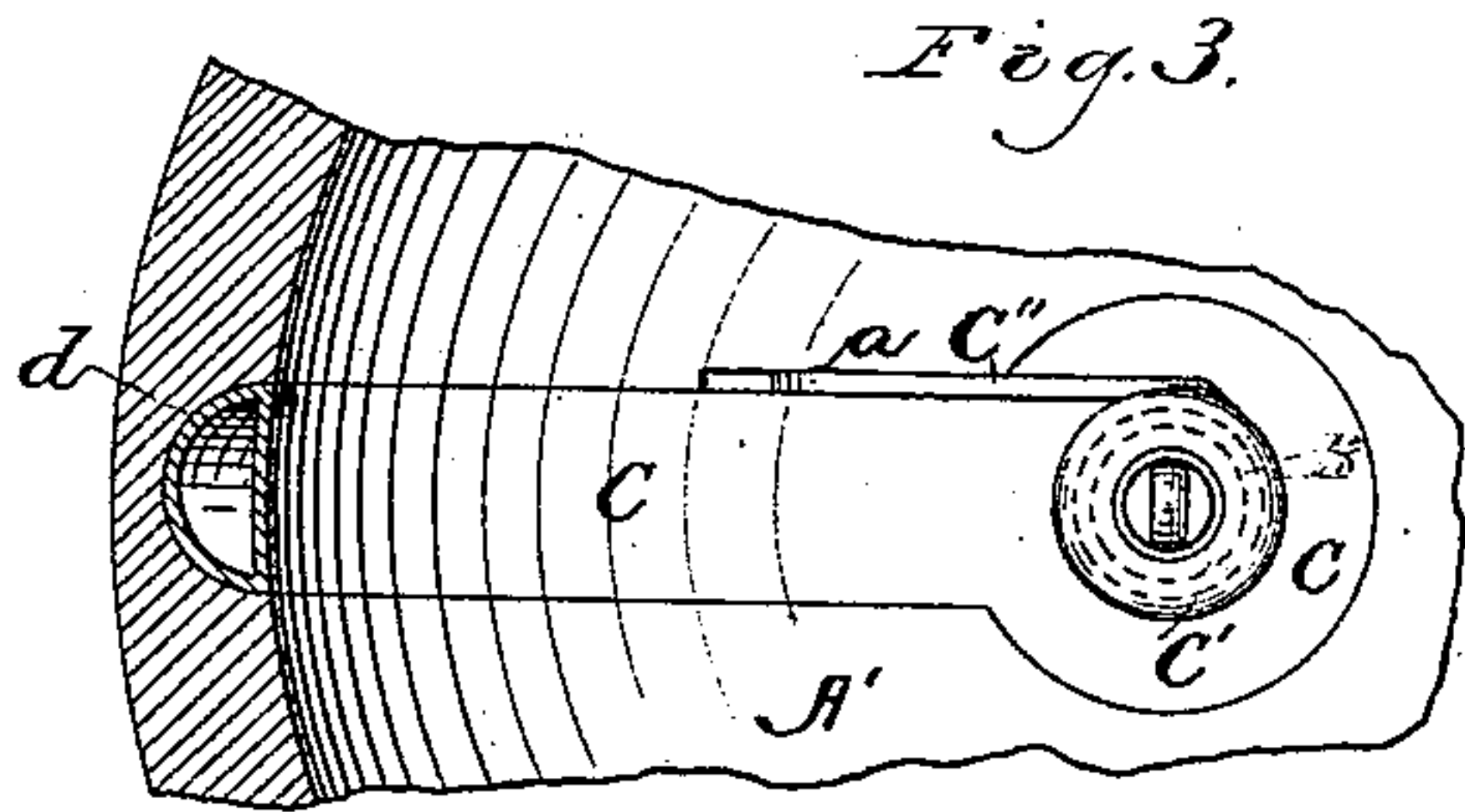
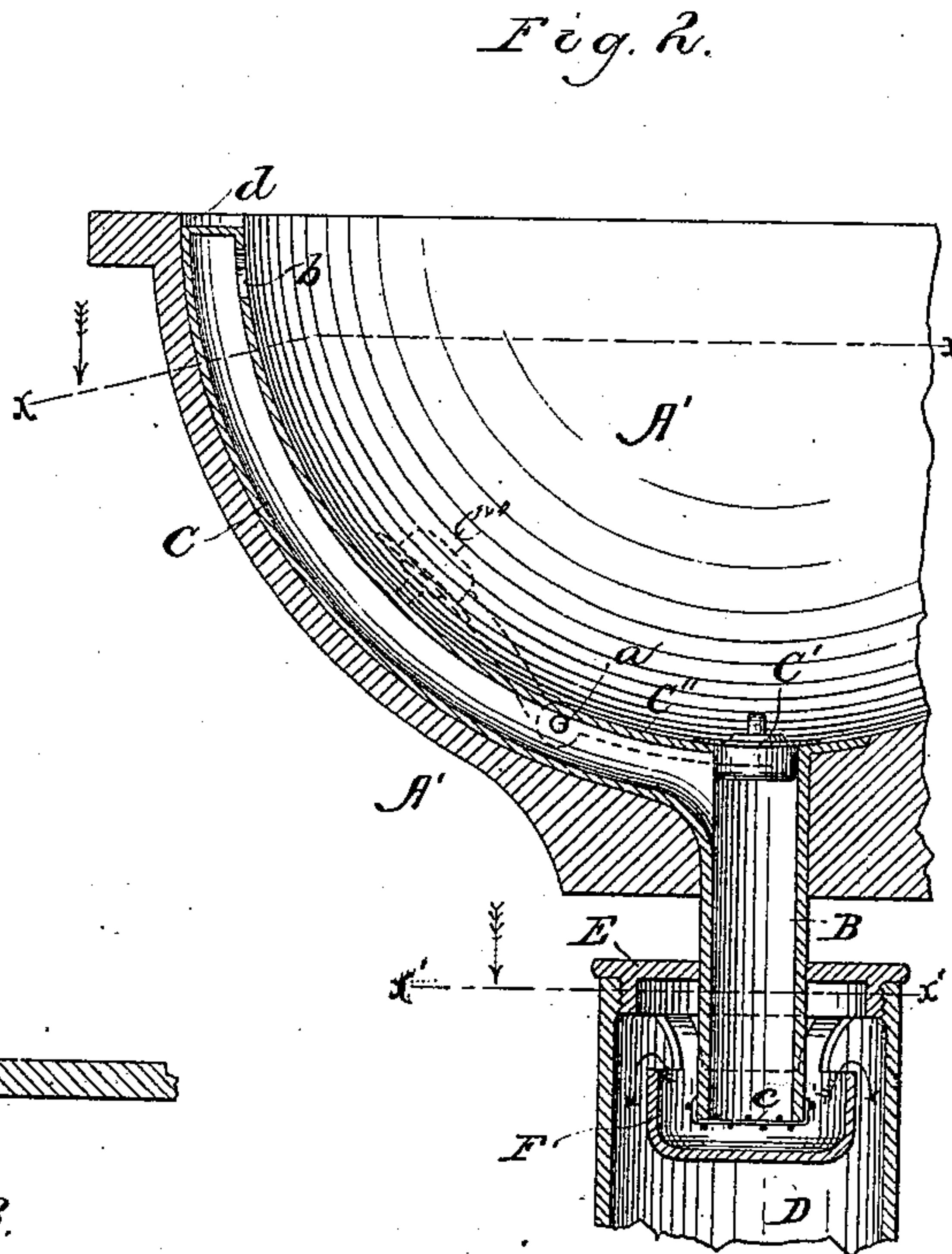
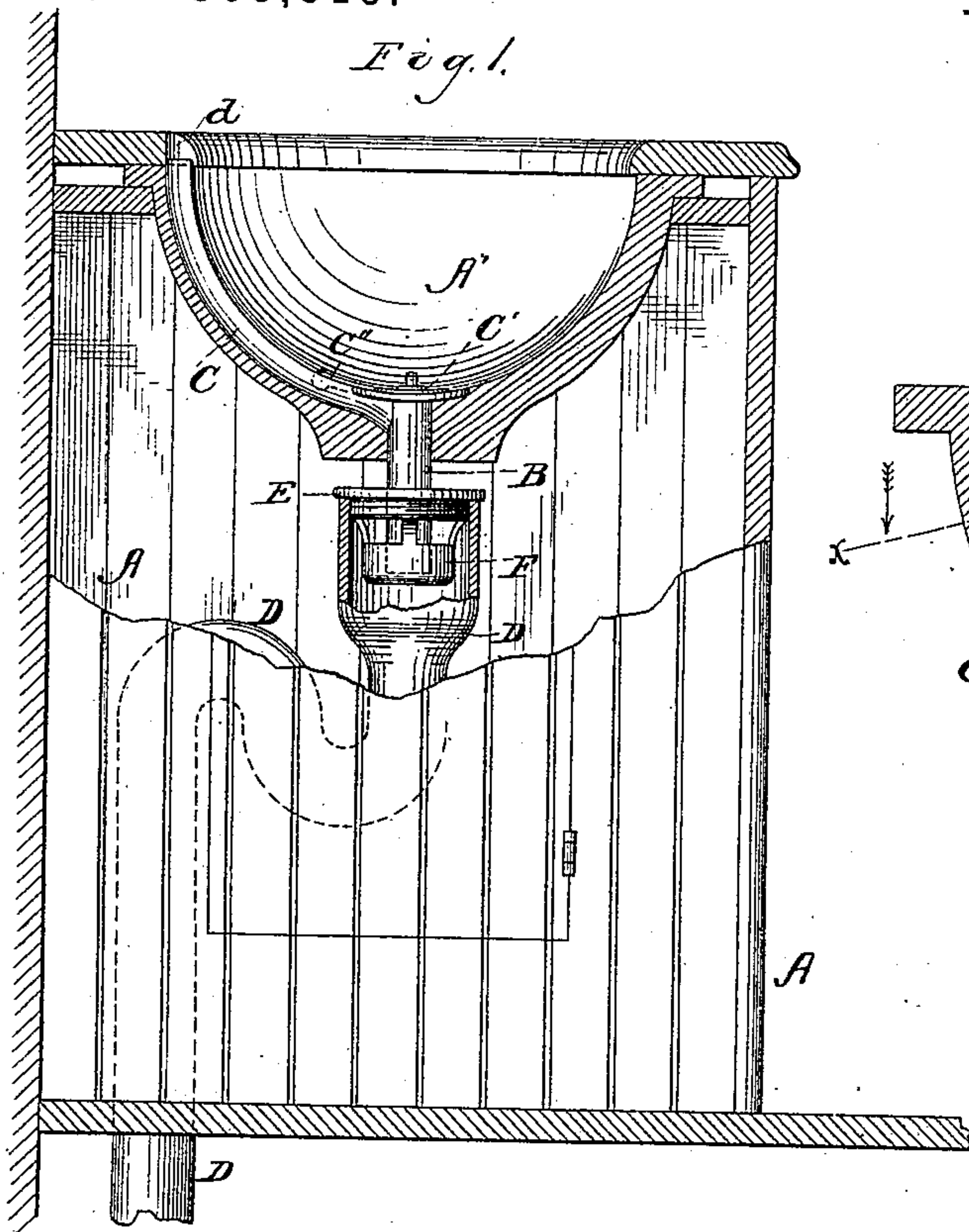
(No Model.)

C. COLAHAN.

WASH BASIN AND BATH TUB.

No. 309,819.

Patented Dec. 30, 1884.



Witnesses,
Harry F. Thompson,
W. L. Baker.

Inventor,
Charles Colahan

UNITED STATES PATENT OFFICE.

CHARLES COLAHAN, OF CLEVELAND, OHIO.

WASH-BASIN AND BATH-TUB.

SPECIFICATION forming part of Letters Patent No. 309,819, dated December 30, 1884.

Application filed December 26, 1883. (No model.)

To all whom it may concern:

Be it known that I, CHARLES COLAHAN, of Cleveland, Ohio, have invented certain new and useful Improvements in Wash-Basins and Bath-Tubs, of which the following is a specification, reference being had therein to the accompanying drawings, in which—

Figure 1 is an elevation. Fig. 2 is a longitudinal vertical section. Fig. 3 is a top view, showing overflow-pipe and central discharge in the interior of the basin on line xx , Fig. 2. Fig. 4 is a sectional view of the trap on line $x'x'$, Fig. 2. Fig. 5 represents the same attached to the bath-tub.

My invention has relation to attaining to perfect cleanliness and simplicity of construction which will admit of the ready and easy removal of the waste and overflow pipe, for purpose of cleaning same, and dispense with the chain attachment to the stopple at the bottom of the bowl or basin.

In the drawings, A represents the wash-stand; A', the bowl located therein.

B represents the outlet-pipe.

C represents the overflow-pipe; C', the aperture from the basin into the outlet-pipe.

C'' is the arm and hinge attached to the stopple, which is pivoted, at a , to the side of the overflow-pipe.

D is the main escape or conduit pipe and siphon or trap.

E is the cover at the point of induction, which may be readily unscrewed and removed, to admit of access of the hand for removal of foreign substances.

F is a removable receiver retaining water, entering into which is the lower end of discharge-pipe B, provided with a sieve or screen, c , which prevents the passage of any material which would tend to clog or obstruct pipe.

b is the opening at the top of the overflow or waste pipe C.

d is the depression or groove in the bowl for pipe C.

The bowl is constructed of a usual form, with a hole in the bottom of proper shape, and a concave depression extending from at or near the top to the bottom or point of discharge, to admit the placing of the overflow and escape or discharge pipe therein, the said pipe being usually constructed of one piece, that it may be readily removed in the operation of cleaning same.

It will be noticed that the bath-tub G is the same in its general construction.

By the use of these devices no offensive or objectional odors are possible or will enter the wash basin or tub.

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

1. In a washing-basin or bath-tub, the outlet and overflow pipe constructed of one piece, and placed in a recess formed on the inside of the bowl or tub, to facilitate its ready removal, substantially as shown and described.

2. The pipes B C, arranged in a recess formed on the inside and discharging through the center of the bowl A, and extending into the water in the removable cup F, in combination with the siphon D, substantially as shown and described.

3. The outlet and overflow pipe discharging through the center of the bowl, the screen C, cup F, in combination with the siphon D, substantially as shown and described.

CHAS. COLAHAN.

Witnesses:

A. M. STOUT,

R. B. MITCHELL.