

No. 95,542.

PATENTED OCT. 5, 1869.

W. H. WALTON.
BATH TUB EDUCATION TUBE.

Fig. 1.

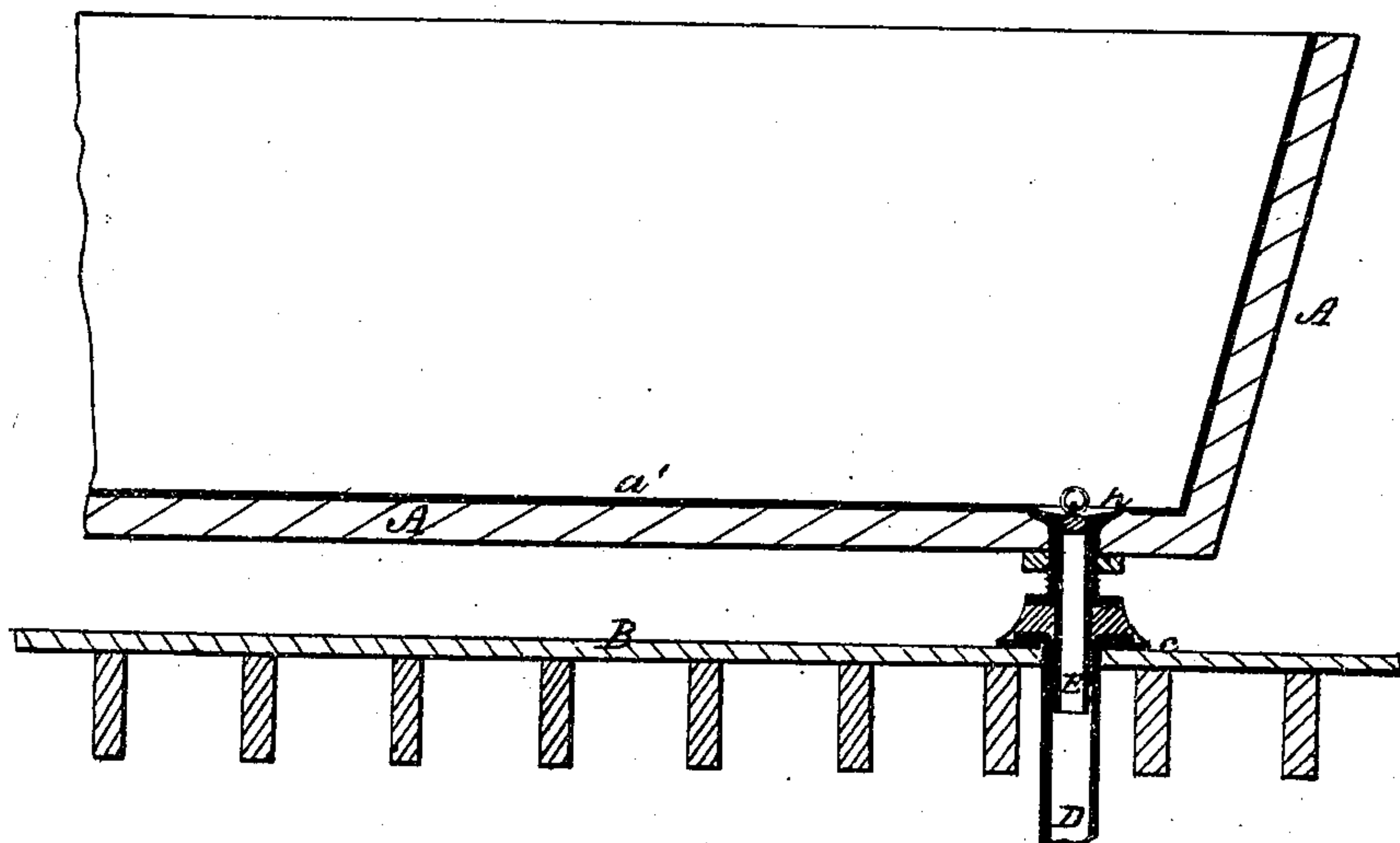


Fig. 2.

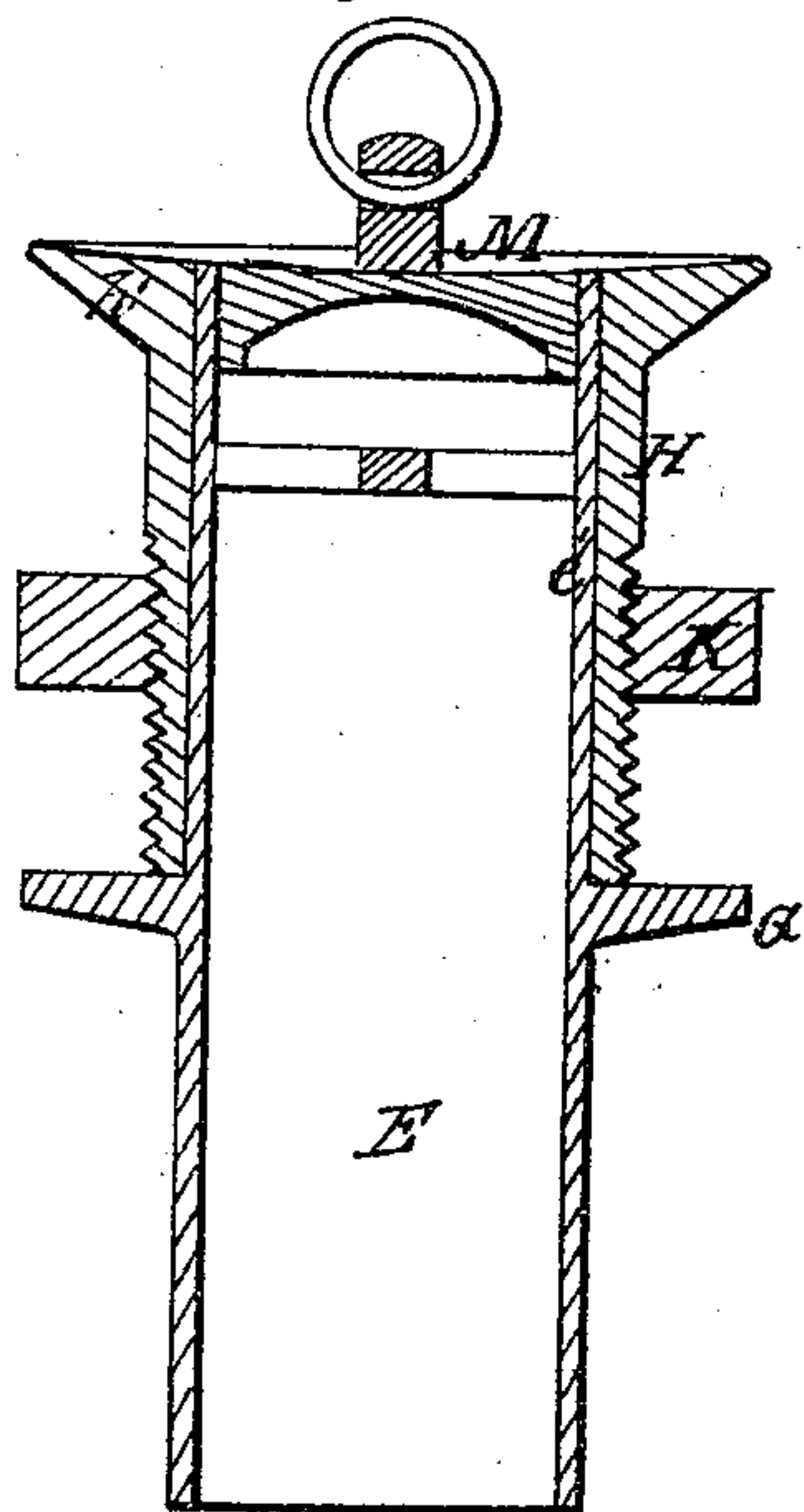
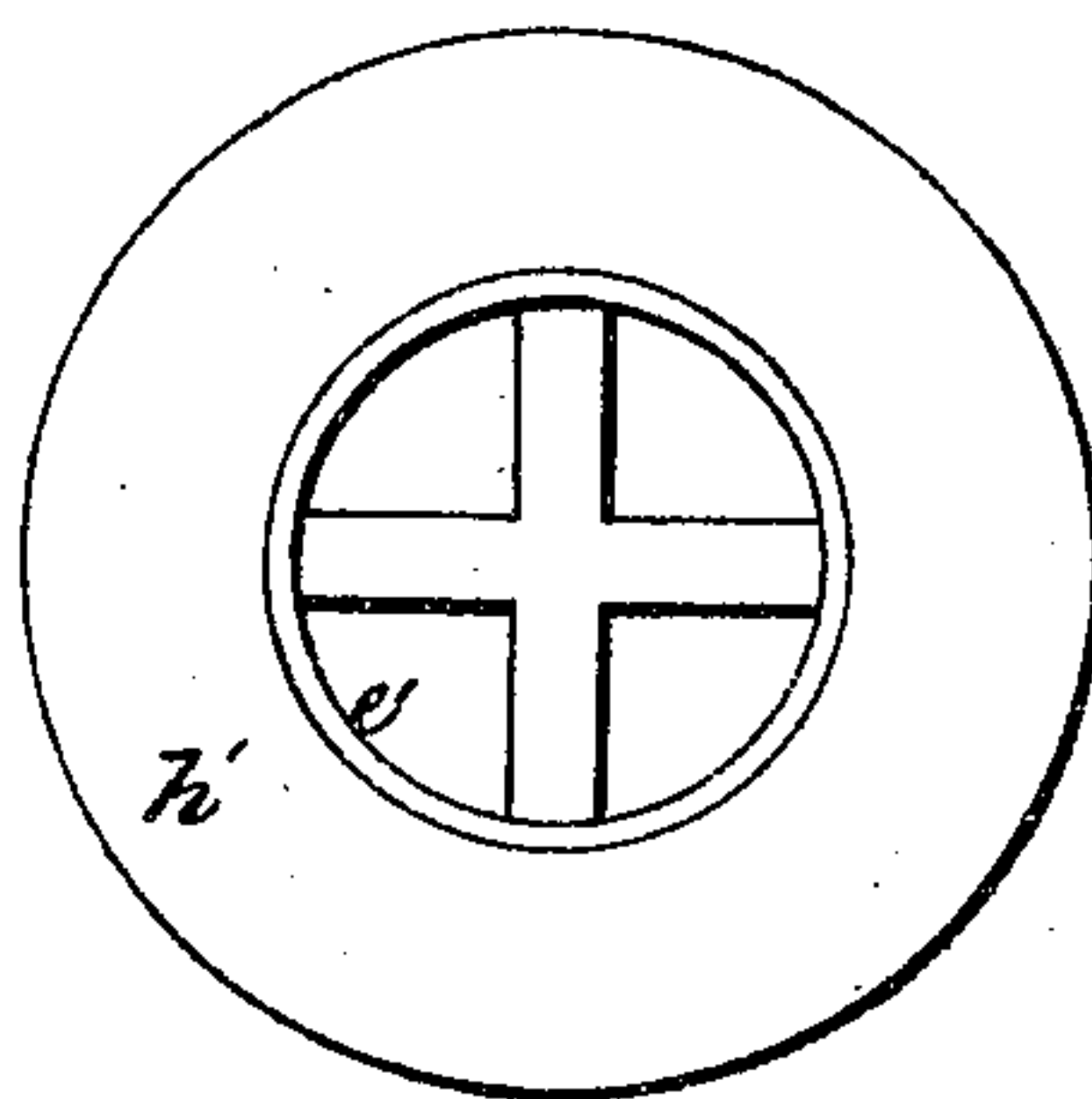


Fig. 3.



Witnesses.
Edw. Brown
Wm. Macart.

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WILLIAM H. WALTON, OF PHILADELPHIA, PENNSYLVANIA.

Letters Patent No. 95,542, dated October 5, 1869.

IMPROVEMENT IN BATH-TUB EDUCTION-TUBES.

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, WILLIAM H. WALTON, of Philadelphia, Pennsylvania, have invented a new and improved mode of "Connecting Bath-Tubs to Outlet-Pipes;" and I do hereby declare the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The nature of my invention consists in connecting bath-tubs to outlet-pipes, so as to facilitate their removal at any time, in case of leakage, without cutting and resoldering the outlet-pipe.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

Figure 1 is a general section.

Figure 2 is a section of the coupling, full-size.

Figure 3 is a plan of the same.

A is the bath-tub, with a metal lining, *a'*.

B is the floor, to which is screwed the flange C.

D is the lead outlet-pipe, fitting outside the brass spigot E, and hammered out over the flange C.

They are then soldered together, and also to the flange G, thus securing the spigot E, pipe D, and flange C, all securely together and to the floor.

The socket H is cast with a tapering flange, *h'*, on its upper edge; a screw is cut on the lower end, on which fits the nut K.

This socket is bored out, and ground to fit the end *e'* of the spigot E water-tight.

It is secured to the bath-tub, as shown in fig. 1, by cement or rubber, under the flange *h'*, and tightened up by the nut K.

All that is necessary now to connect the bath-tub with the outlet-pipe is to place the bath-tub in position, so that the socket H fits over the ground joint *e'*, and the connection is complete and water-tight.

The bath-tub is disconnected just as easily, by simply raising it sufficiently to free it from the spigot E, thus avoiding the usual expense incurred by cutting and resoldering the outlet-pipe.

A ring of India rubber may be placed upon the spigot *e'*, so as to insure the joint being water-tight.

M is the stop which is withdrawn to liberate the water.

What I claim as my invention, and desire to secure by Letters Patent, is—

The combination of the bath-tub A, with the socket H secured to it, as shown, and fitting upon the spigot E, secured to the floor B, and outlet-pipe D, nut K, and stop M, all constructed and operating substantially as shown and described.

WM. H. WALTON.

Witnesses:

EDW. BROWN,

WM. MACCART.