

(No Model.)

H. C. WEEDEN.
WATER CLOSET BASIN.

No. 362,800.

Patented May 10, 1887.

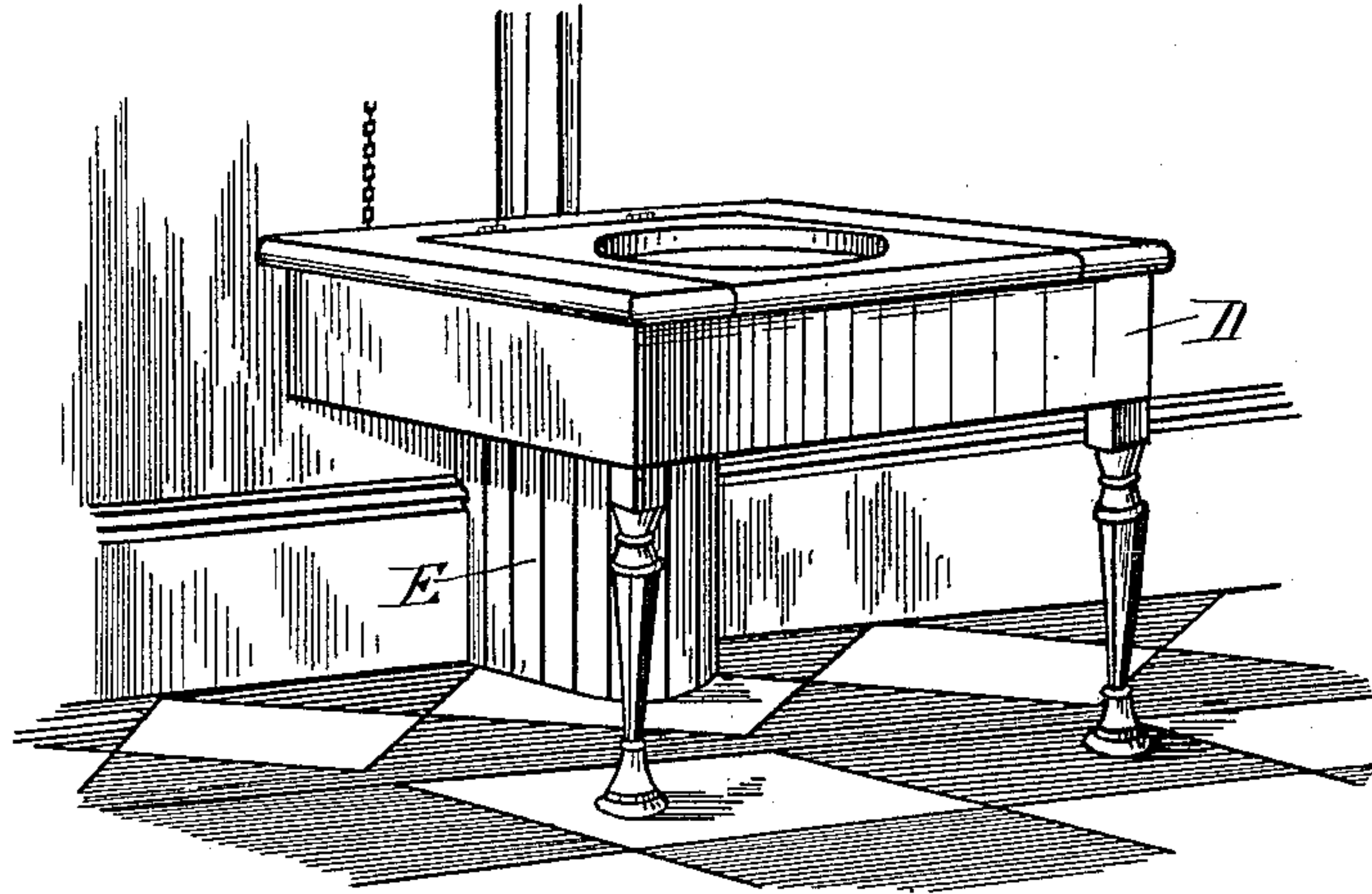


Fig. 3.

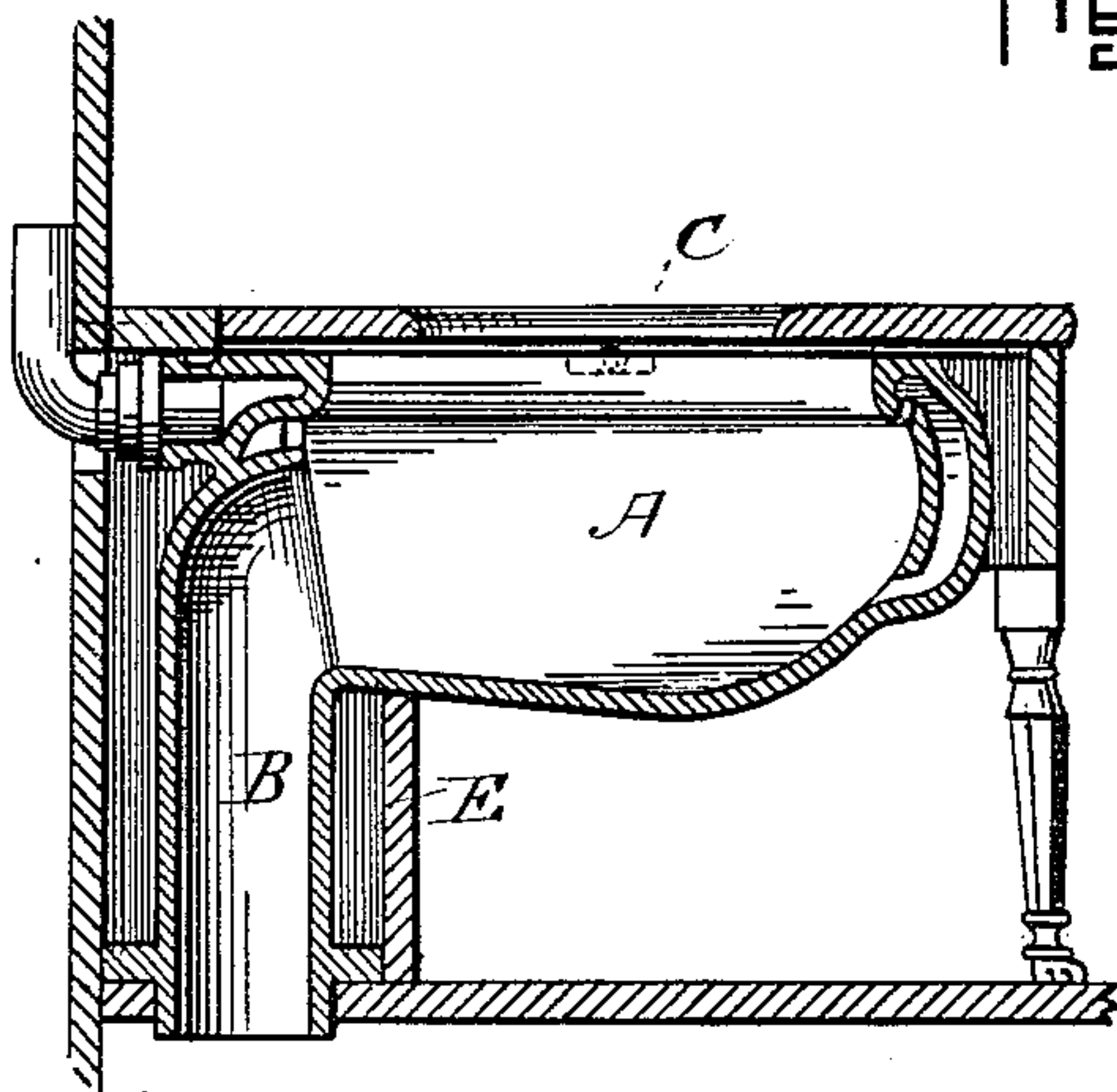


Fig. 1.

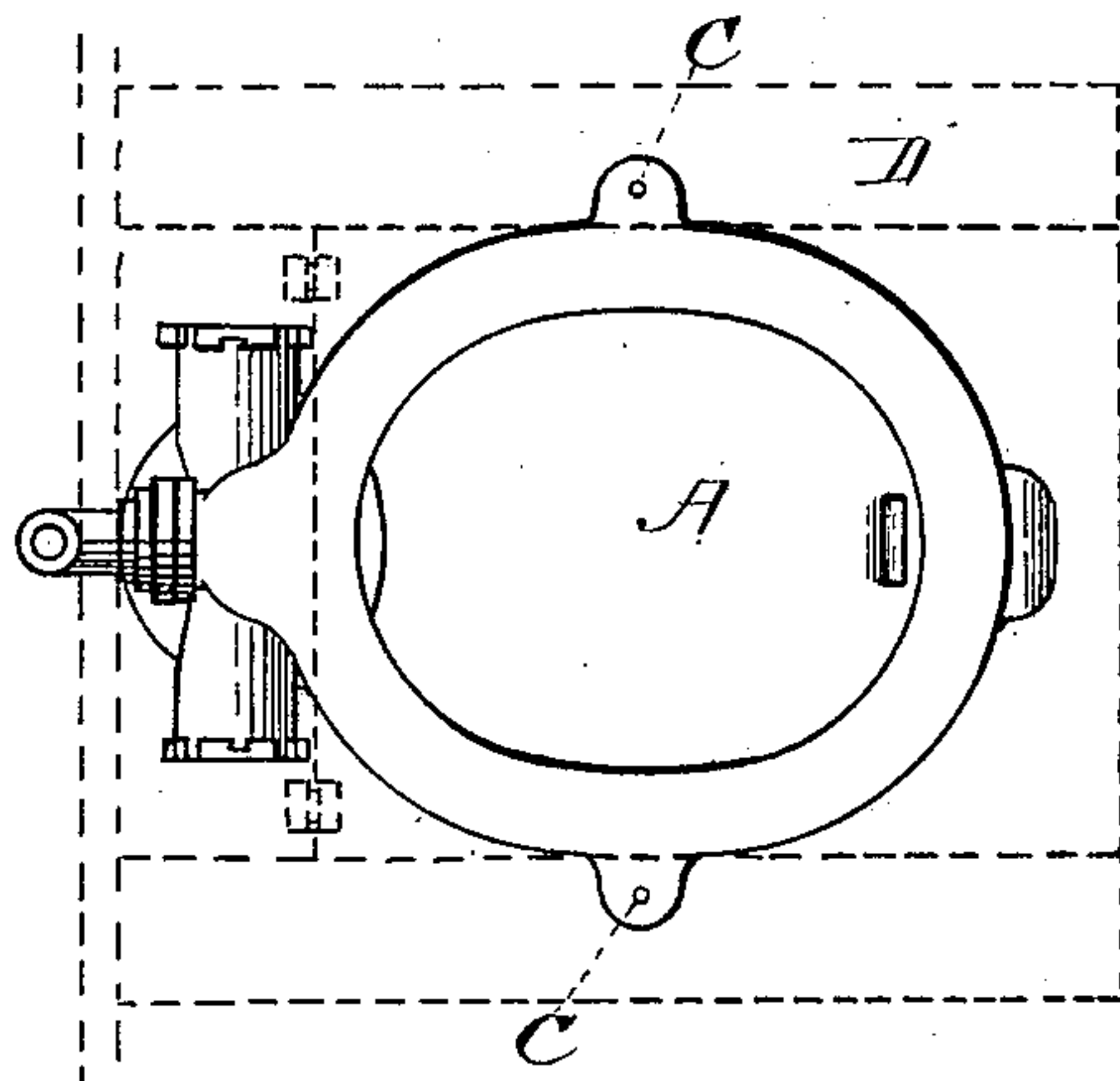


Fig. 2.

WITNESSES.

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HENRY C. WEEDEN, OF BOSTON, MASSACHUSETTS.

WATER-CLOSET BASIN.

SPECIFICATION forming part of Letters Patent No. 362,800, dated May 10, 1887.

Application filed November 1, 1886. Serial No. 217,668. (No model.)

To all whom it may concern:

Be it known that I, HENRY C. WEEDEN, of Boston, in the county of Suffolk and State of Massachusetts, a citizen of the United States, have invented certain new and useful Improvements in Water-Closet Basins, of which the following is a specification.

My invention relates particularly to improvements in the class of closets known as "side-outlet valveless closets," the bowl of which is made of a single piece of earthenware, and in which bowl, by reason of its convex or dishing form, water is retained without the use of a valve, the outlet of the bowl being upon the rear part of its wall and at a point higher than its bottom.

It has for its object to improve the construction and arrangement of these closets in certain particulars hereinafter set forth.

In the accompanying drawings I have shown at Figure 1, in longitudinal vertical section, a water-closet bowl in which my present improvement is embodied; at Fig. 2, a top plan view; and in Fig. 3 I have shown the same bowl in perspective as set up in place for use.

It is now a common custom to set the earthenware side-outlet valveless closets without boxing—that is to say, not to incase the space below the wooden seat, but to leave it open—such construction being preferred on account of accessibility and cleanliness. In closets of this class as heretofore constructed the outlet-pipe has connected with or been bent into the shape of a trap under the bowl, by means of which trap the bowl has been supported upon the floor. Such a closet, when set without boxing, is objected to by some on account of its conspicuous appearance, and there is also considerable liability of the exposed earthenware being marred or broken by accident or otherwise. To overcome these difficulties is the object of my present invention.

In the accompanying drawings, A represents the bowl of a side-outlet valveless closet of the "washout" pattern, and B is a straight discharge-pipe extending from the said wall of the bowl at the rear from a point above the level of the bottom of the bowl directly to the floor, and of a length sufficient to hold up the bowl at the desired height above the floor, and also adapted to be connected, in any well-known manner, to a trap set under the floor. This discharge-pipe serves to support the rear of the closet. The closet-bowl, however, is so

formed that it is supported at or near its forward end by the wooden seat frame-work D, which is invariably retained in connection with closet-bowls that are set open or unboxed. The particular means of thus supporting the front of the bowl which I have found best adapted for the purpose consist of perforated lugs C, of earthenware, projecting from the upper part of the bowl on either side, as shown. By means of screws passing through these lugs the bowl may be readily secured and thus supported by the frame-work of the seat.

Other means of securing the seat and bowl together can obviously be substituted for the lugs, and will answer the same purpose; but I prefer to use them, on account of their simplicity and effectiveness. The outlet pipe at the rear, which in practice is invariably set next the wall of the room, can readily be concealed by a slight semicircular boxing, E, and the carpet of the room can then be carried up unbroken to this boxing, thus making a very slightly arrangement. At the same time the bowl is substantially protected against breakage.

I claim—

1. The improved water closet bowl herein described, having a concaved bottom and a discharge-pipe opening from the rear wall of the bowl at a point above the level of its bottom and extending directly downward, and of a length sufficient to hold up the bowl at the desired height above the floor when in use, substantially as and for the purposes set forth.

2. The improved water-closet bowl herein described, having a concaved bottom and a discharge-pipe opening from the rear wall of the bowl at a point above the level of its bottom and extending directly downward, and of a length sufficient to hold up the bowl at the desired height above the floor when in use, and provided with perforated lugs at the upper part of the bowl, whereby it may be attached to and supported by the seat frame-work, substantially as and for the purposes set forth.

In testimony whereof I have hereunto subscribed my name this 29th day of October, A. D. 1886.

HENRY C. WEEDEN.

Witnesses:

ALEX. P. BROWNE,
GEORGE O. G. COALE.