

(No Model.)

H. C. WEEDEN.

ADJUSTABLE SUPPORT FOR WATER CLOSET BASINS.

No. 298,804.

Patented May 20, 1884.

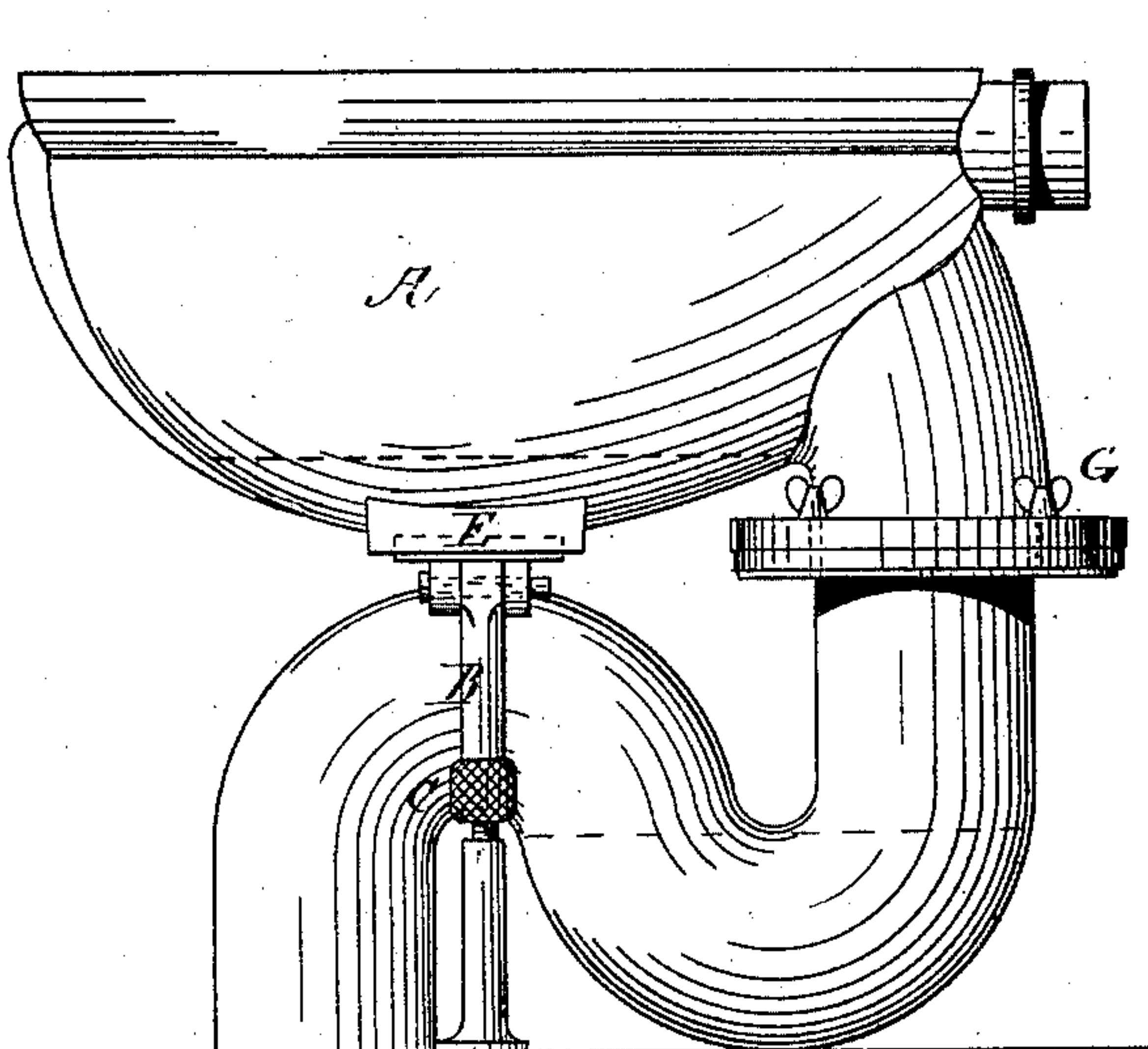


Fig. 1.

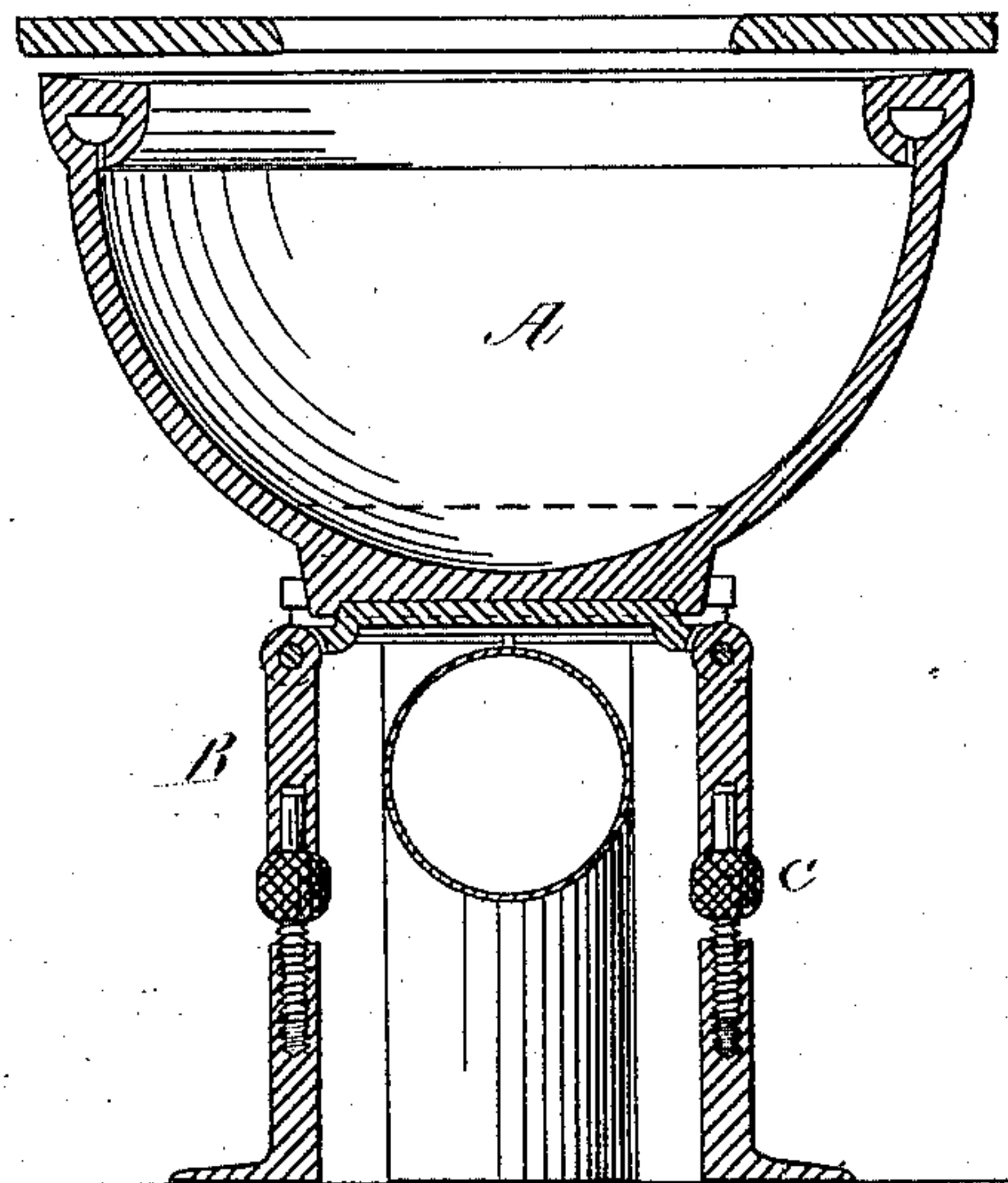


Fig. 2.

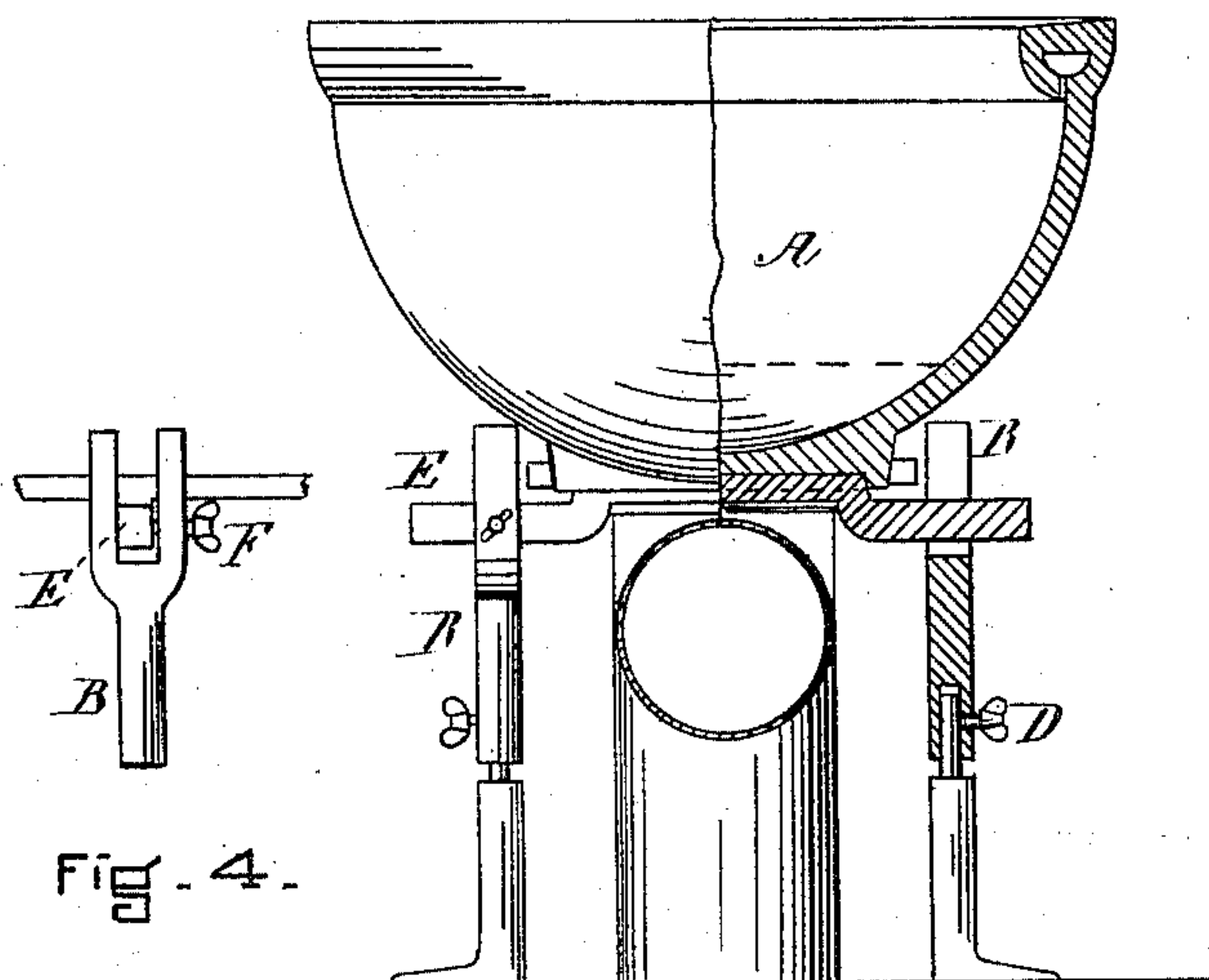


Fig. 4.

Fig. 3.

WITNESSES

J. Henry Taylor.
James F. Bligh.

INVENTOR

Henry C. Weedon
by Alex. P. Browne
attorney

UNITED STATES PATENT OFFICE.

HENRY CORY WEEDEN, OF BOSTON, MASSACHUSETTS.

ADJUSTABLE SUPPORT FOR WATER-CLOSET BASINS.

SPECIFICATION forming part of Letters Patent No. 298,804, dated May 20, 1884.

Application filed November 22, 1883. (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 Adjustable Supports for Water-Closet Basins, of which the following is a specification.

My invention is particularly adapted to water-closet basins so constructed as to retain a supply of water covering the bottom of the basin up to a certain predetermined level; and it has for its object to provide means for supporting the whole basin at any desired height above the floor, and also in such position as to render certain the maintenance of the water in the bottom of the basin at the desired level.

It is frequently desirable to arrange the S-trap outlet of the water-closet basin so that the trap extends under the basin itself, in this way economizing space. In the drawings such an arrangement of the trap and basin is shown. It is also desirable to provide a support for the basin, which shall be made adjustable in height, and also adjustable, so that the basin may be set level or true, whatever be the irregularity in this respect of the floor of the room in which it is placed.

In the drawings is represented my present invention in the form now best known to me, Figure 1 being a side view of the adjustably-supported basin; and Fig. 2, an end view, in section, of the same. Figs. 3 and 4 illustrate an alternative form of securing the vertical adjustment, and also means for obtaining the adjustments of the basin to secure its proper level.

In all these drawings the S-trapped outlet of the basin is shown as extended under the basin itself, that being a convenient arrangement of the parts, for the reason given. The bottom of the basin A is suitably formed to rest upon a frame or support, B, the height of which is made adjustable by means of the extension-screws C, Figs. 1 and 2, or the slot and clamp D, Fig. 3. It is obvious that as the height of this support is increased or diminished the basin may be raised or lowered vertically till it reaches the desired height above the floor. When it is desired to adjust the basin laterally, this may be accomplished by moving the cross-piece E laterally and securing

it at the desired position by the clamps F. The basin may be likewise adjusted for the purpose of leveling it by raising or lowering either end of the cross-bar E in the fork at the top of the support B, and securing it by the clamp F, as before, the fork being slotted vertically, if required, to allow for the vertical motion of the clamp to correspond with that of the cross-bar E. The basin having been properly adjusted, its outlet is joined to the mouth of the outlet-pipe by means of the screws G, connecting the abutting-flanges, this being a common and well-known construction for this purpose, and in case of any deviation in the parallelism of the abutting-flanges this will be compensated for by means of the interposed layer of red lead, putty, or other plastic material commonly used to make a tight joint.

It will be observed that by means of my invention I am readily enabled to place the S-trap of the outlet-pipe underneath the basin, and at the same time support the latter accurately in position, preserving, meantime, great economy of space. The drawings show a support having two standards only. It is obvious that three or more standards may be employed, and that by making the connection between them and the part which abuts against the basin in the form of a universal joint the adjustment of the level of the basin may be obtained by varying the height of the particular standards, while the vertical adjustment of the basin may still be obtained by raising or lowering all the standards uniformly. I believe, however, that in practice a sufficiently accurate adjustment can be obtained by means of two standards whose lengths are adjustable, and by means of adjustable connection between the tops of the standards and the part which carries the basin.

It will also be observed that by suitably forming the bottom of the basin A and the tops of the standards B the basin may be supported directly upon the standards without the intervention of the cross-bar, and such a construction would make the basin itself take the place of the cross-bar. The advantage of using the cross-bar is that it may be more readily formed to receive and carry any particular pattern of basin than to specially provide the basin with proper sockets or equiva-

lent parts to engage with the upper ends of the standards B.

I claim—

5 1. In combination with the basin or bowl of a water-closet, a supporting-standard of the character described, having legs or supports of adjustable length adapted to carry said basin and support it at the desired height, all substantially as herein described.

10 2. In combination with a basin or bowl of a water-closet, a supporting and leveling standard of the character described, having legs or supports of independently variable length, adapted to carry the said basin and support
15 it at the desired height and on the desired level, all substantially as herein described.

20 3. The improved adjustable support for water-closet basins herein described, consisting of a cross-bar, E, connected with vertical extensible standards B, provided with means,

substantially as shown, for securing the standards in place at any desired height, all substantially as and for the purposes herein set forth.

4. The improved support for water-closet 25 basins herein described, consisting of a cross-bar, E, carried by extensible standards B, provided with means whereby the length of the standards may be regulated, and also with means whereby the cross-bar may be attached 30 to the standard at a varying height thereon, all substantially as herein set forth, and for the purposes specified.

In testimony whereof I have hereunto subscribed my name this 12th day of November, 35 A. D. 1883.

HENRY CORY WEEDEN.

Witnesses:

OSCAR LAPHAM,
SIMON S. LAPHAM.