

No. 753,339.

PATENTED MAR. 1, 1904.

T. WIDDOP.
WASHSTAND.

APPLICATION FILED OCT. 7, 1903.

NO MODEL.

2 SHEETS—SHEET 1.

FIG. 1.

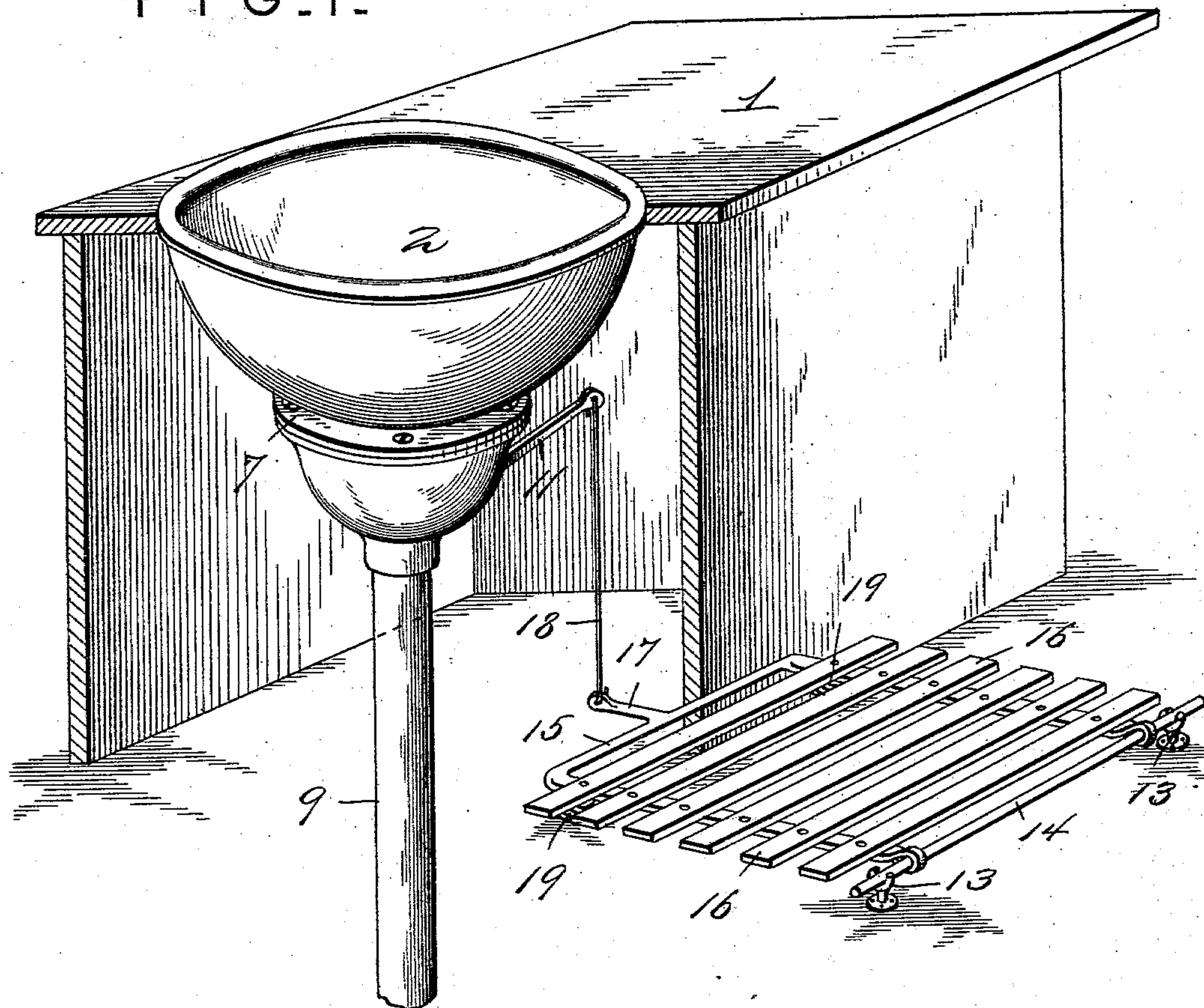


FIG. 6.

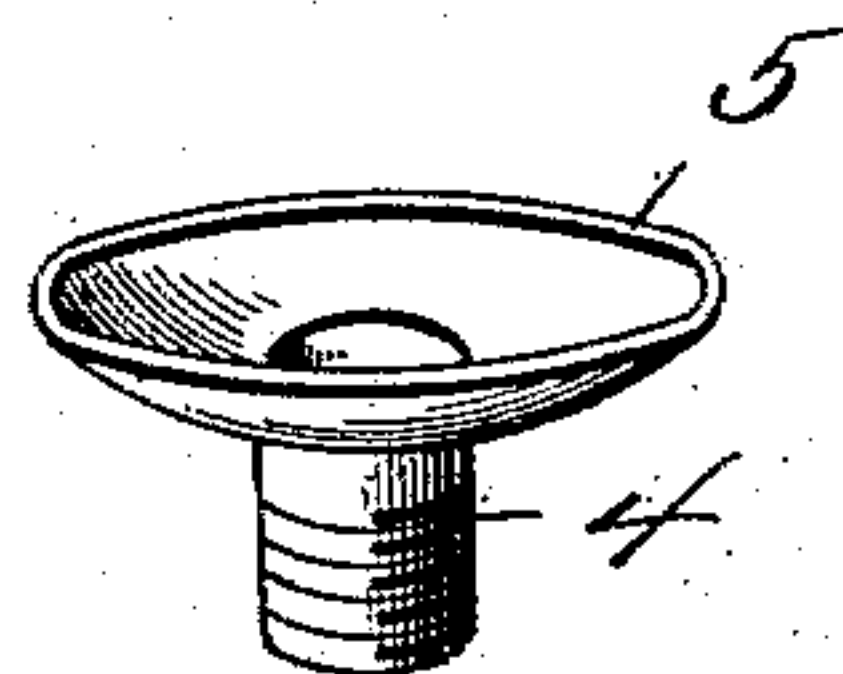
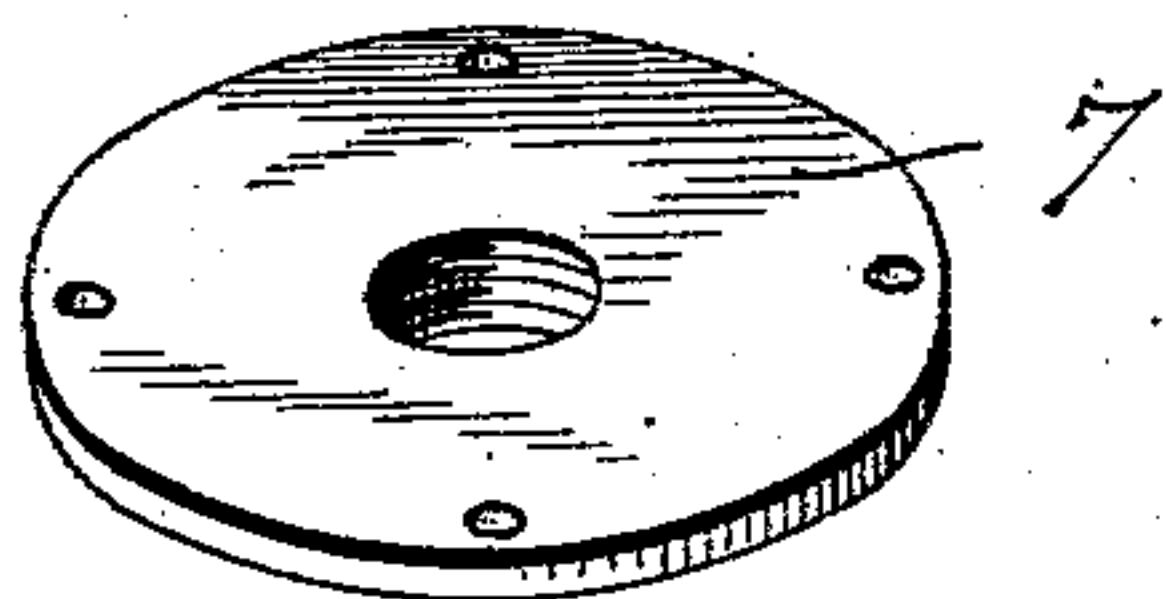


FIG. 5.



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Witnesses

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2 SHEETS—SHEET 2.

FIG. 2.

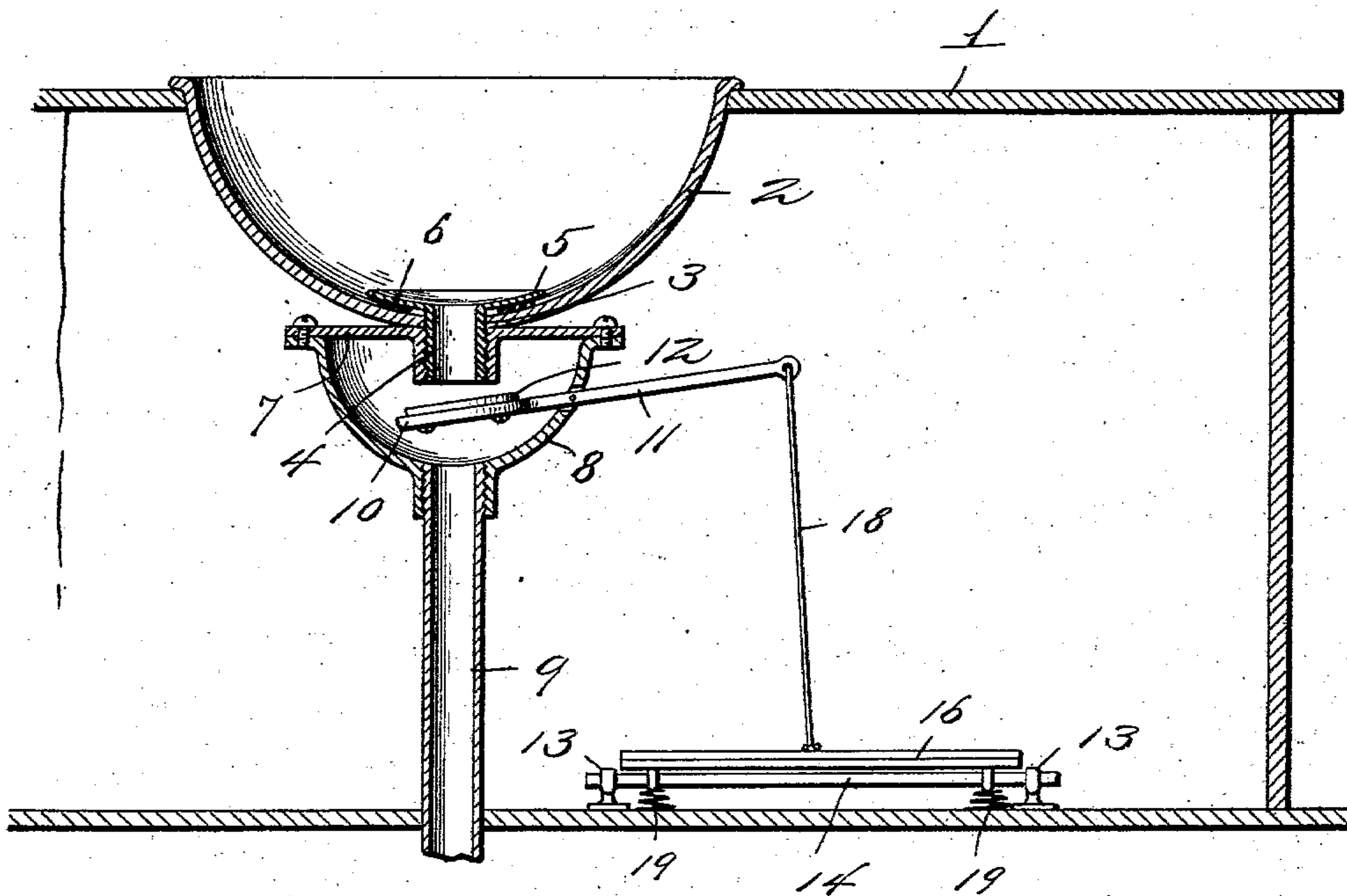


FIG. 3.

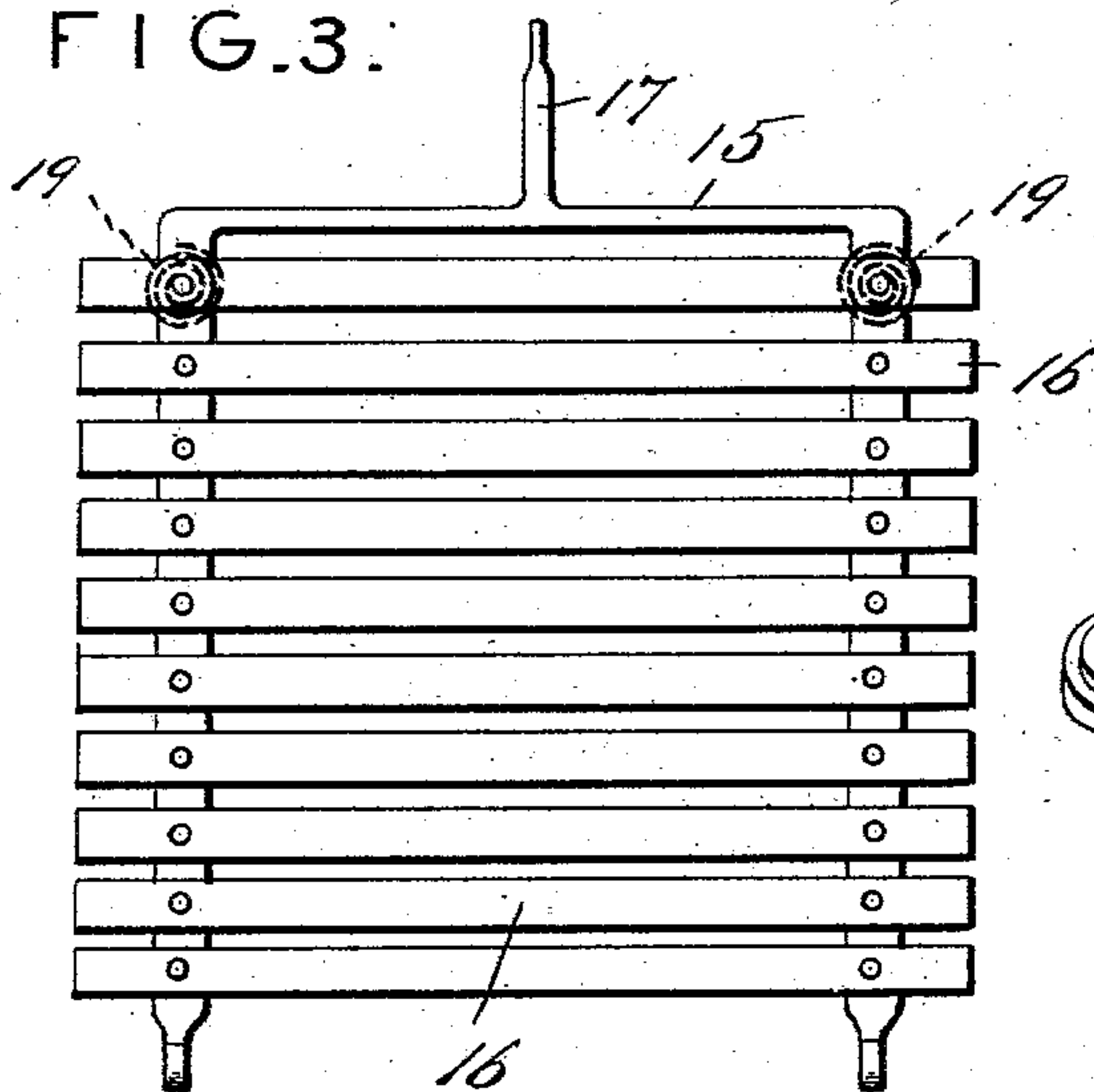
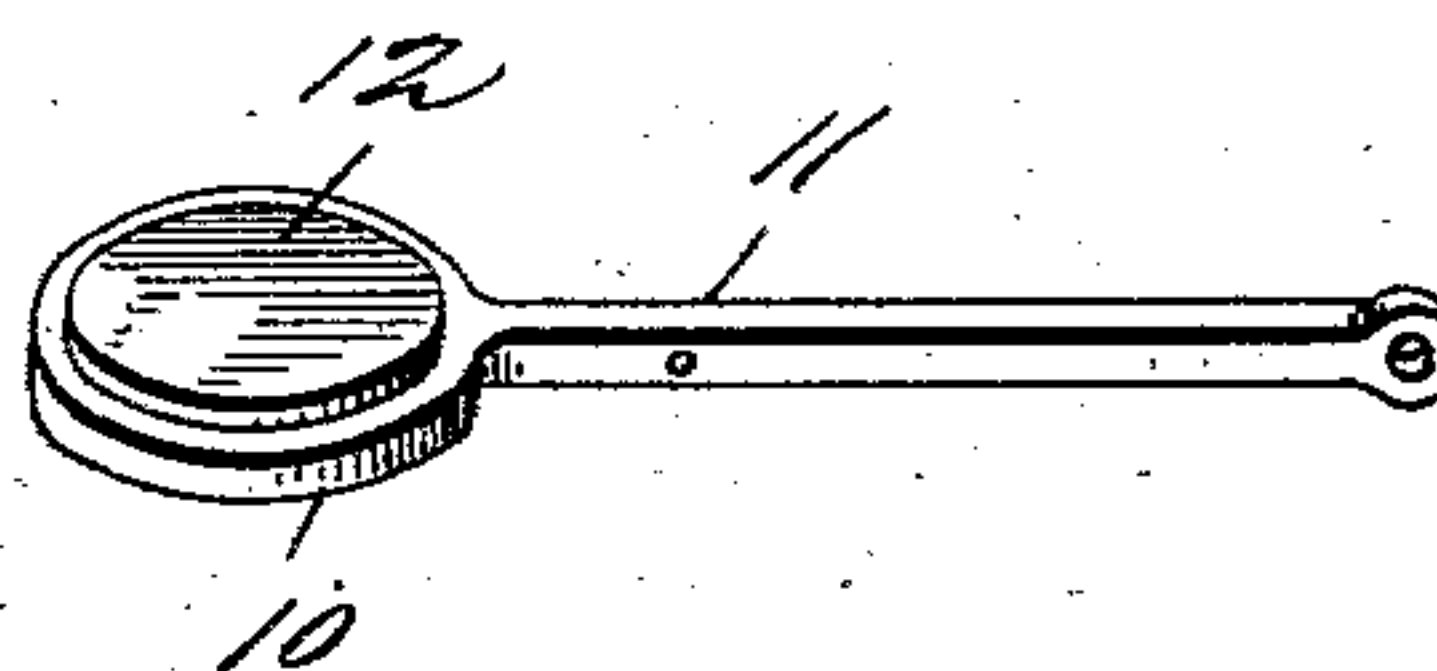


FIG. 4.



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UNITED STATES PATENT OFFICE.

THOMAS WIDDOP, OF MOUNTAINVIEW, WYOMING.

WASHSTAND.

SPECIFICATION forming part of Letters Patent No. 753,339, dated March 1, 1904.

Application filed October 7, 1903. Serial No. 176,112. (No model.)

To all whom it may concern:

Be it known that I, THOMAS WIDDOP, a citizen of the United States, residing at Mountainview, in the county of Uinta and State of Wyoming, have invented new and useful Improvements in Washstands, of which the following is a specification.

My invention relates to new and useful improvements in washstands; and its object is to provide a device of this character having mechanism whereby the outlet from the washstand is automatically closed by the person using the same.

A further object is to employ valve mechanism which can be readily attached to a washstand and which occupies a minimum amount of space.

With the above and other objects in view the invention consists in arranging a washbasin within one end of a casing in which is pivotally mounted a valve of peculiar construction. This valve is connected to a platform which is pivotally mounted at one end upon the floor adjacent to the washbasin, whereby when the platform is depressed the valve will be swung into position under the outlet of the basin and prevent water from escaping there-through.

The invention also consists in the novel construction, combination, and arrangement of parts, as hereinafter fully described, illustrated, and claimed.

In the accompanying drawings, Figure 1 is a perspective view of a washbasin with my improved valve mechanism connected thereto. Fig. 2 is a vertical longitudinal section there-through. Fig. 3 is a top plan view of the valve-operating platform. Fig. 4 is a detail view of the valve, and Figs. 5 and 6 are detail views of the connecting means for securing the basin to the valve-casing.

Referring to the figures by numerals of reference, 1 is a stand in which is supported a washbasin 2, having an aperture 3 at the center of the bottom thereof. Arranged within this aperture is an externally-screw-threaded tube 4, having a concavo-convex head 5, which is adapted to bear upon a washer 6, which is arranged upon the bottom of the basin 2 and incloses the aperture 3. The tube 4 projects

into and engages the top plate 7 of a preferably semispherical casing 8, from the lower end of which projects an outlet-pipe 9. The tube 4 projects downward into the casing, and located thereunder is a disk 10, which is arranged at one end of a lever 11, fulcrumed at a point between its ends within one side of the casing 8. This disk has packing 12 arranged upon its upper face which is adapted to contact with the end of the tube 4 and seal it.

Brackets 13 are secured to the floor at a point adjacent the washstand, and mounted on these brackets is a revoluble rod 14, to the end portions of which are secured the ends of a yoke 15, upon which are arranged transversely-extending slats 16. An arm 17 extends longitudinally from the central portion of the yoke and is connected, by means of a rod 18, with the outer end of the lever 11. Springs 19 are arranged under the yoke 15 at the end adjacent the arm 17, and these springs serve to support said end of the yoke, and thereby hold the disk 10 and its packing 12 normally removed from the end of tube 4.

When a person desires to use the washbasin, he first steps upon the slats 16, which, together with the yoke 15, constitute a platform, and his weight will depress the springs 19, and thereby cause the arm 17 to bear downward on rod 18 and lever 11. Disk 10 will therefore be swung upward, so as to bring the packing 12 thereon into contact with the lower end of tube 4, and said tube will thus be effectually sealed and water can be poured into the basin and kept therein as long as desired. As soon as the person relieves the platform of his weight the springs 19 will return all of the parts to their normal positions, and the water contained within the basin will thus promptly pass through the tube 4 into the casing 8 and thence through the outlet-pipe 9. By providing an attachment of the character herein described water can only be contained within the basin while the same is being used, and the accumulation of grease, dirt, &c., within the basin is thus prevented.

In the foregoing description I have shown the preferred form of my invention; but changes may be made in the form, proportion, and minor details of the same without depart-

ing from the spirit or sacrificing any of the advantages of the invention, and I accordingly reserve the right to make such changes as fall within the scope of the invention.

5 Having thus described the invention, what is claimed as new is—

1. The combination with a valve-casing and a basin thereon having an outlet, of a tube extending through the outlet and into the casing, a lever, a valve within the casing adapted to seal the tube, a platform connected to the valve, and means for holding the valve normally removed from the tube.

2. The combination with a casing having an inlet and an outlet, and a basin supported upon the casing and having an outlet, of a tube extending through the outlet of the basin and projecting into the casing, a lever fulcrumed within the casing, a disk at one end thereof and under the tube, a pivoted platform con-

nected to the lever, and means for holding the disk normally removed from the tube.

3. The combination with the casing having an outlet and a basin supported upon the casing and having an outlet; of a tube arranged within the outlet in the basin and projecting into the casing, a lever fulcrumed within the casing, a disk at one end of the lever and below the tube, packing upon the disk, brackets, a yoke pivotally mounted upon the brackets, slats upon the yoke, a rod connecting the yoke with the lever and spring-supports for the yoke.

In testimony whereof I affix my signature in presence of two witnesses.

THOMAS WIDDOP.

Witnesses:

ARTHUR BURNHAM,
CHRISTOPHER B. TAYLOR.