

No. 743,873.

PATENTED NOV. 10, 1903.

W. G. HOSHOCK.
WASHBASIN.

APPLICATION FILED JAN. 9, 1903.

NO MODEL.

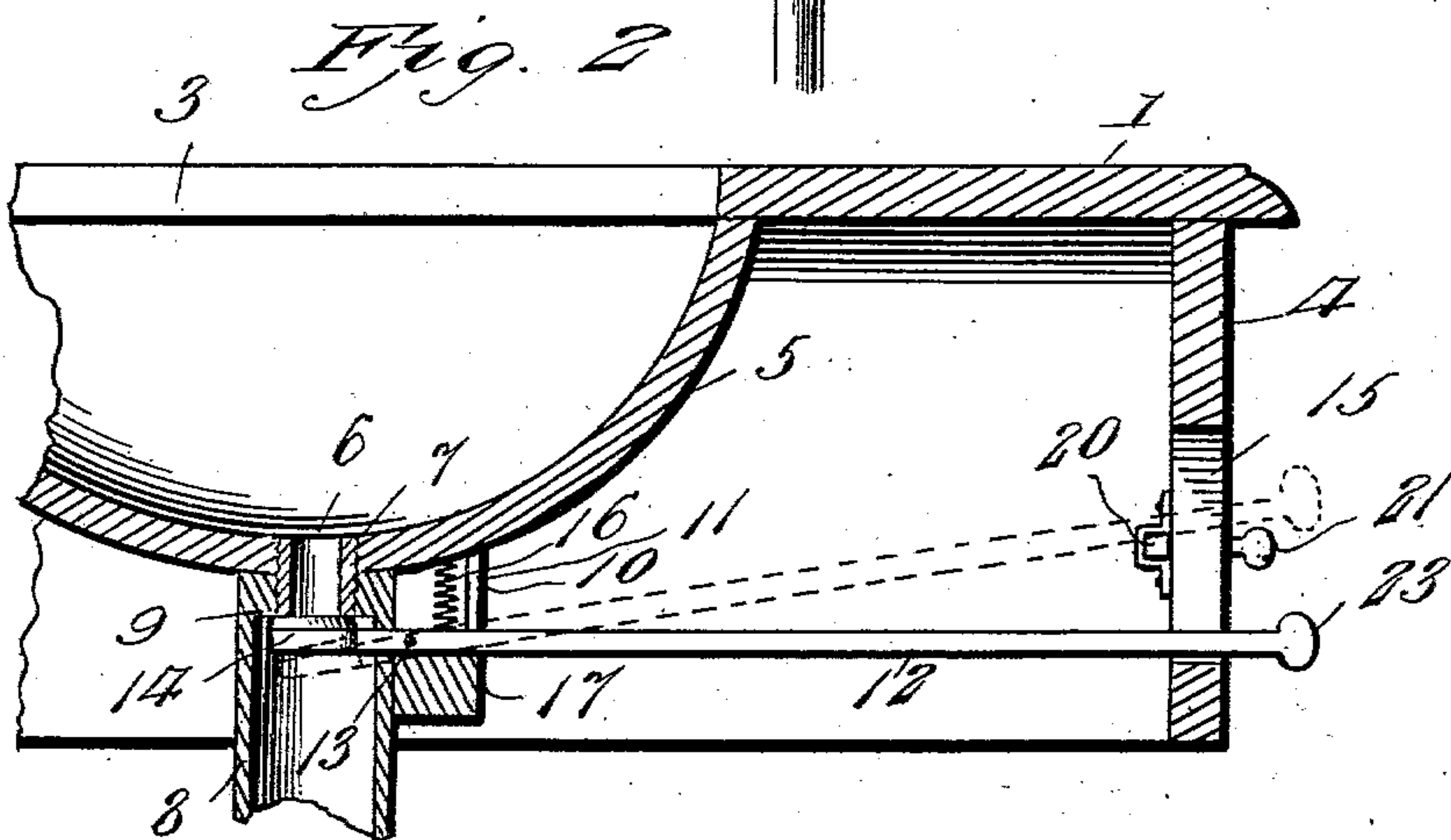
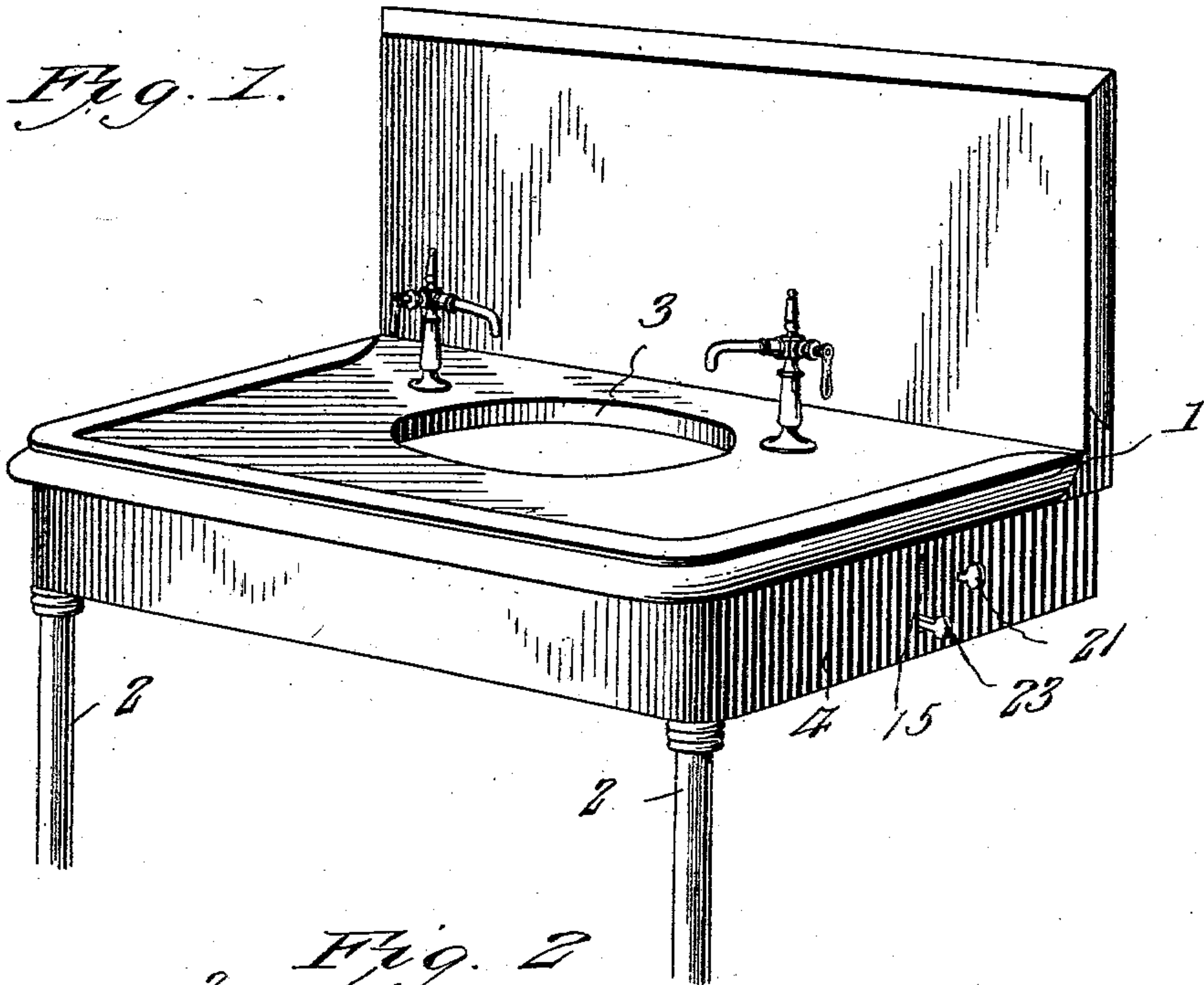
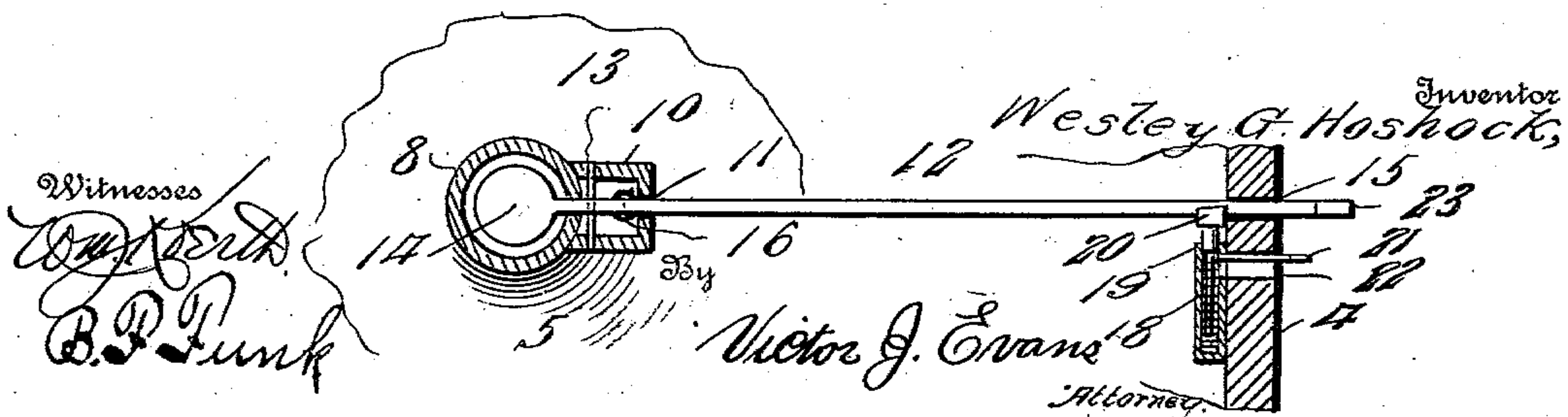


Fig. 3.



UNITED STATES PATENT OFFICE.

WESLEY G. HOSHOCK, OF DEFIANCE, OHIO.

WASHBASIN.

SPECIFICATION forming part of Letters Patent No. 743,873, dated November 10, 1903.

Application filed January 9, 1903. Serial No. 138,418. (No model.)

To all whom it may concern:

Be it known that I, WESLEY G. HOSHOCK, a citizen of the United States, residing at Defiance, in the county of Defiance and State of Ohio, have invented new and useful Improvements in Washbasins, of which the following is a specification.

This invention relates to washbasins, but more particularly to a valve or stopper therefor which can be mechanically operated to permit the contents of the basin to escape, but which under normal conditions will prevent the escape of the contents.

One of the principal objects of the invention is to provide a cheap, durable, and efficient device of the character described and provide a more effective construction than has heretofore been introduced.

The peculiar manner of accomplishing the desired result will be specifically described hereinafter, and the construction will be readily understood by reference to the accompanying drawings, in which—

Figure 1 is a perspective view of a wash stand and basin, showing my invention applied. Fig. 2 is a vertical longitudinal sectional view through the basin and stand, showing the stopper and operating-rod in elevation; and Fig. 3 is a cross-sectional view on the line 3 3 of Fig. 2.

The reference-numeral 1 designates a washstand supported in suitable standards 2 and having a central opening 3. A depending flange 4 projects from the lower edge of the table of the stand and conforms to the contour thereof. The concavo-convex basin or bowl 5 is preferably of the form commonly used in this class of devices, and at the lower extremity thereof is an outlet-opening 6, in which is threaded a tube 7, having external threads thereon which are engaged by the internal threads of a waste-pipe 8 the diameter of the bore of which is larger than the diameter of the tube 7, whereby a shoulder 9 is formed which constitutes a valve-seat for the stopper, to be referred to hereinafter.

A tubular guide 10 is connected to the bowl and waste-pipe and is provided with a vertical slot 11, alining with a slot or opening 11^a in the waste-pipe. This guide 10 is designed for the purpose of obviating or diminishing any liability of a horizontal movement of the

pivoted valve-lever 12. This lever 12 extends through the slots 11 and 12^a and is pivotally secured to the guide 10 by a pivot-pin 13. One end of the lever is formed with a circular head 14, which constitutes a valve, the upper surface of which can be covered by a packing of any suitable material, which will normally rest against the shoulder formed by connecting the waste-pipe 8 with the tube 7. The other end of the lever projects through a vertical slot 15, arranged in the flange 4 of the stand and alining with the slots 11 and 11^a. The valve will normally be retained in a seated position to close the opening 6 by a coil-spring 16, one end of which bears against the bottom of the bowl 5 and the other end against the valve-rod 12 in rear of the fulcrum on the side of or at a point opposite to the end on which the valve is formed. The free end of the lever is prevented from being depressed below a horizontal plane by a stop 17, forming the bottom of the tubular guide 10.

The reference-numeral 18 designates a casing horizontally secured on the flange 4 and carrying a spring-pressed bolt 19, on the free end of which is a head 20, designed to be projected over the edge of the lever 12 when the free end of the lever is raised in the position shown in dotted lines in Fig. 2 to unseat the valve. By providing this head 20 on the bolt the liability of the bolt being retracted accidentally will be obviated, and thus the raised position of the handle will be insured until it is desired to reseat the valve.

An operating-handle 21 projects from the bolt and extends through a horizontal slot 22 in the flange, so that the bolt can be retracted out of engagement with the lever 12 when it is desired to permit the valve to be resealed. As before explained, the normal position of the valve is shown in full lines in Fig. 2, and when in this position the contents of the bowl cannot be removed through the opening 6. As soon as the handle 23 is raised, however, so that the valve will be depressed the contents will be free to pass into the waste-pipe by gravity, and it will be apparent that the valve can remain unseated by permitting the bowl to pass under the lever 12; but as soon as the bolt is withdrawn the spring 16 will again seat the valve. It will be apparent that minor changes in details of

construction can be made without departing from the spirit of this invention, and I therefore reserve the right to make such changes and alterations as may suggest themselves
5 from time to time and which may be included within the scope of the appended claim.

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

- 10 The combination with a washbasin and a stand therefor, of a discharge-pipe having a diameter materially greater than the outlet of the basin and exposing the lower end of said outlet, a tubular guide connected to the
15 bowl and engaging the said discharge-pipe, the lower end of the guide being in the form of a stop and said guide having in its outer side a vertical slot and the discharge-pipe in alinement with said slot provided with an

opening therethrough in a plane slightly below the lower end of the outlet, a lever movably extending through the slot in the guide and discharge-pipe and having fulcrum means connected to the guide and its inner end within the discharge-pipe formed with a
25 circular head to engage the lower end of the outlet, a spring located within the guide and bearing at its opposite terminals respectively on the lever and bowl, and means for locking the lever in elevated position and holding
30 the head thereof clear of the outlet of the basin.

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

WESLEY G. HOSHOCK.

Witnesses:

EDWARD M. HUBBARD,
TELLIS T. SHAW.