

No. 891,804.

PATENTED JUNE 23, 1908.

A. MARTIN.  
STOPPER FOR WASHBOWLS.  
APPLICATION FILED APR. 3, 1907.

Fig. 1.

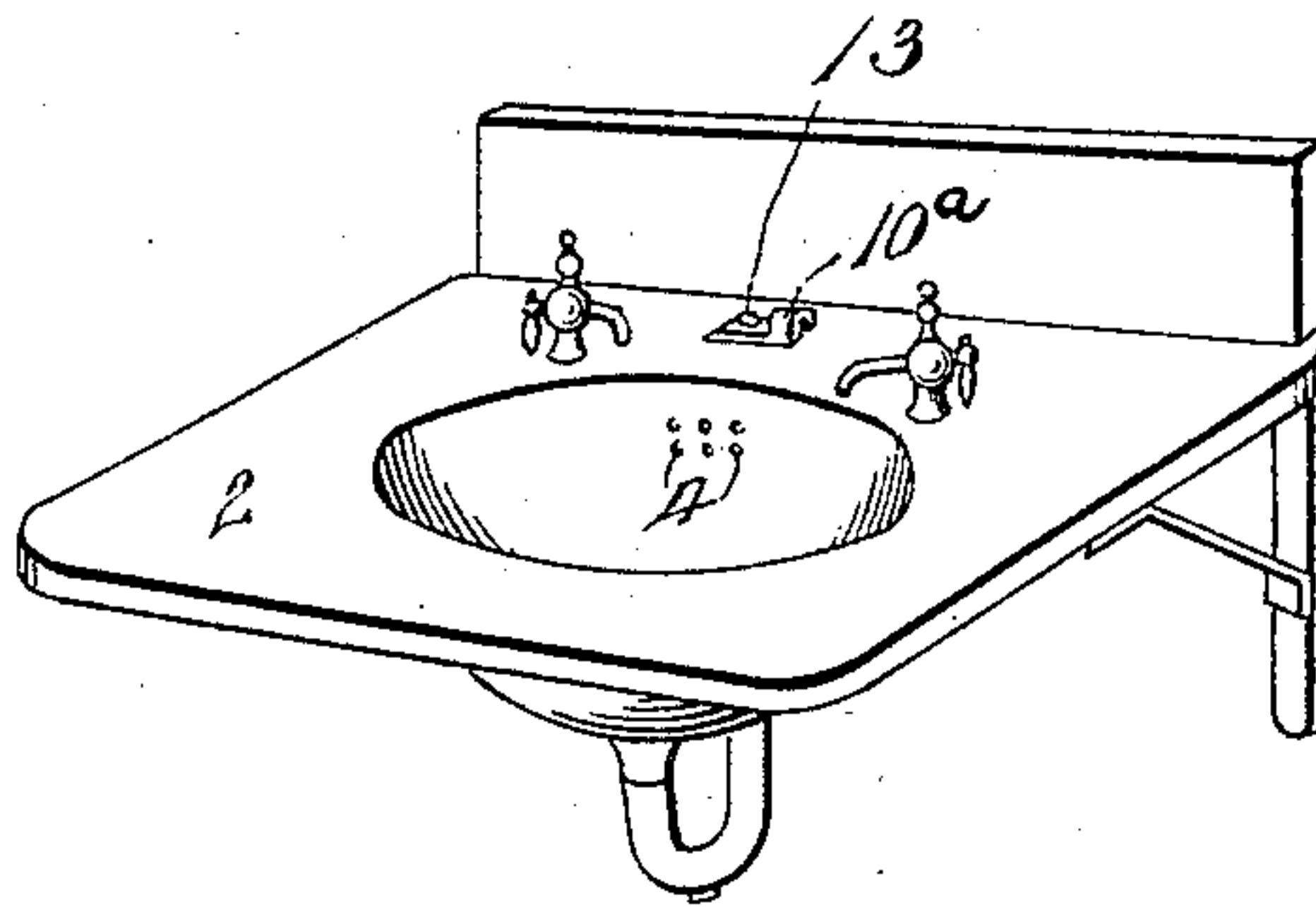


Fig. 3.

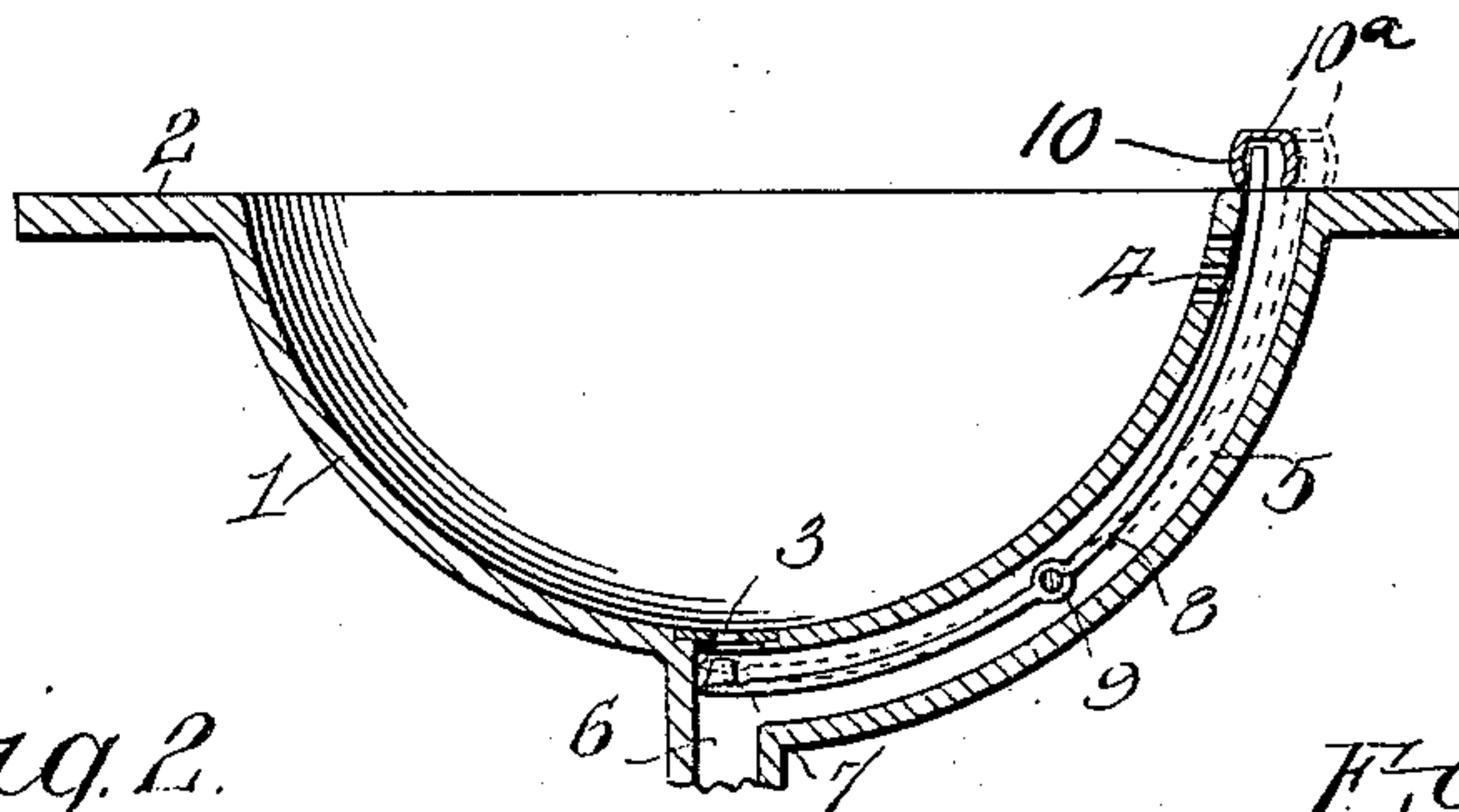


Fig. 2.

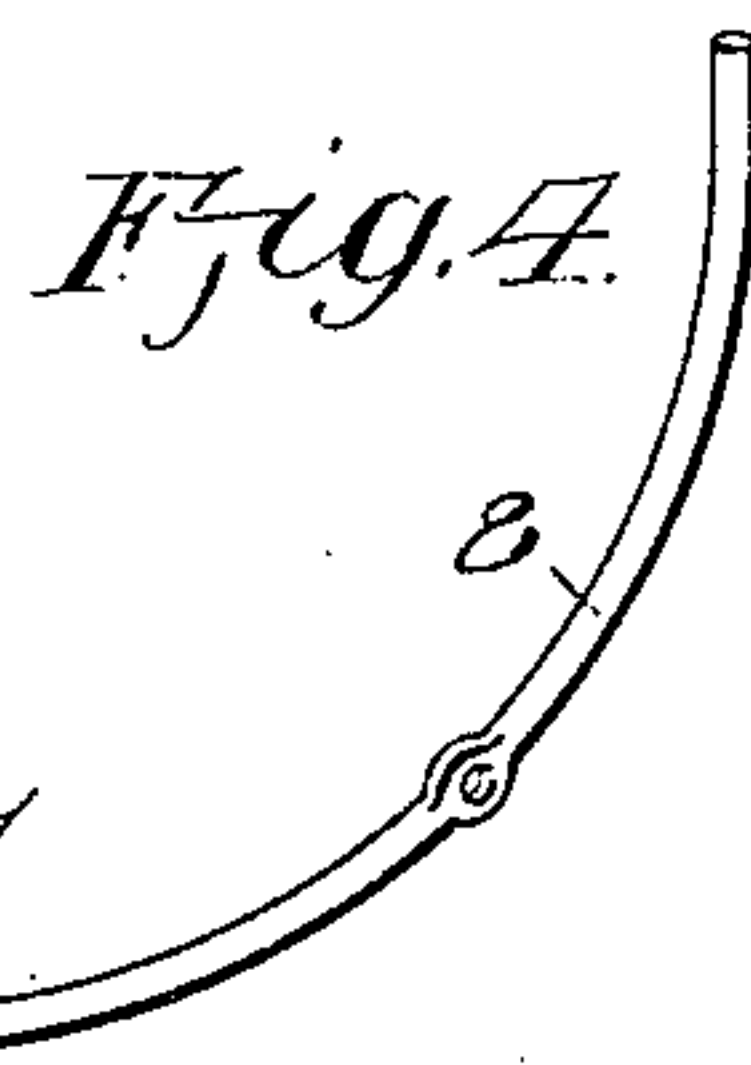
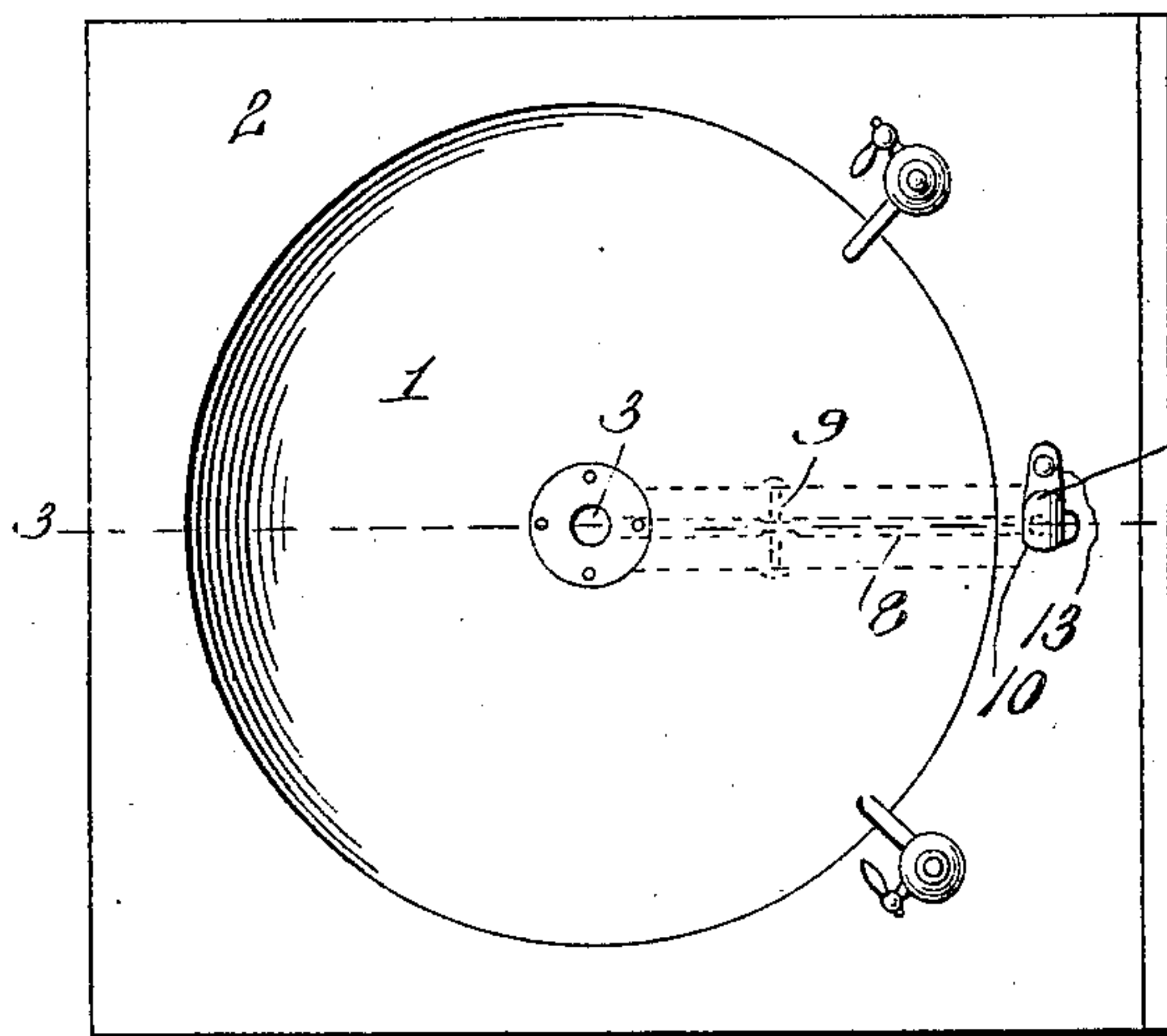
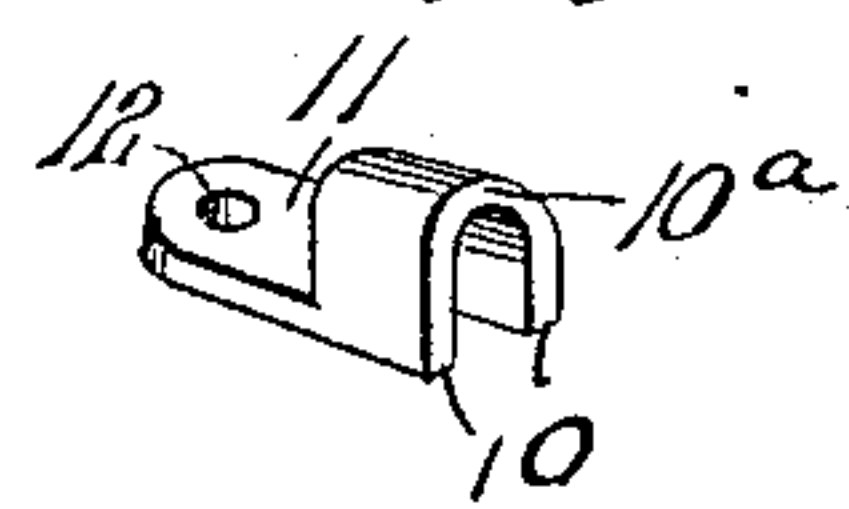


Fig. 5.



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Witnesses

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# UNITED STATES PATENT OFFICE.

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## STOPPER FOR WASHBOWLS.

No. 891,804.

Specification of Letters Patent.

Patented June 23, 1908.

Application filed April 3, 1907. Serial No. 366,225.

*To all whom it may concern:*

Be it known that I, ANGUS MARTIN, a citizen of the United States, residing at Lancaster, in the county of Lancaster and State of Nebraska, have invented new and useful Improvements in Stoppers for Washbowls, of which the following is a specification.

This invention relates to improvements in waste valves or stoppers for wash basins, sinks and the like, the object of the invention being to provide a bowl or sink of that type having an overflow outlet channel, combined with a valve or stopper governing the waste outlet and having operating means extending through the overflow channel and connected above the basin with an actuating device.

The preferred embodiment of the invention is illustrated in the accompanying drawing, in which:—

Figure 1 is a perspective view of a wash bowl embodying my invention. Fig. 2 is a top plan view thereof. Fig. 3 is a vertical section on line 3—3 of Fig. 2. Fig. 4 is a perspective view of the valve or stopper and its operating lever. Fig. 5 is a similar view of the actuating device for rocking the lever to open and close the valve.

Referring to the drawing, the numeral 1 designates the body of the bowl, 2 its slab, 3 the waste outlet, 4 the overflow outlet, and 5 the overflow channel arranged on the bottom of the rear portion of the bowl and communicating at its lower forward end with a discharge passage 6.

A suitable plug, valve or stopper 7 is arranged in the discharge passage 6 and adapted to be vertically moved to open and close the outlet 3. This stopper or valve is mounted upon the lower forward end of a tilting rod or lever 8 extending through the passage 5 and conforming in curvature thereto. The rod is centrally perforated for pivotal mounting upon a pin 9, extending transversely across the channel, so as to adapt it to tilt or rock therein to project and retract the stopper, as indicated by full and dotted lines in Fig. 3. The upper end of the rod projects from the upper end of the channel through

the slab 2 at a point in rear of the bowl and is engaged by an actuating member comprising a fork 10 receiving the upper end of the rod and carried by an arm 11 apertured at 12 for engagement with a pivot point or stud 13, whereby it is adapted to be swung back and forth to tilt the lever to swing the valve to a closed or open position. The arm 11 is also formed with an arched shield 10<sup>a</sup> carried by the fork arms and overhanging the fork slot, whereby the end of the rod engaged by the fork is guarded, thus preventing possible injury by contact therewith to the hand of the operator. The arched shield also forms a finger piece by which the actuating member may be conveniently manipulated.

It will be seen that by this construction the lever is mounted within the usual overflow channel 5 and is thereby concealed and protected from injury, and that by this arrangement only the actuating device is exteriorly mounted and that in convenient position to be manipulated at the top of the bowl, thus overcoming the objections to the ordinary stopper connected by a chain with the bowl.

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

A wash bowl provided with an outlet and an overflow channel, a curved lever pivotally mounted within the channel and provided at its lower forward end with a valve or stopper to control said outlet, the upper end of the lever projecting above the bowl, and an actuating device comprising an arm pivotally mounted to swing in a direction from front to rear of the bowl upon the slab of the bowl and provided with a forked portion engaging the upper end of the lever, whereby the latter may be tilted, said forked portion being provided with a shield guarding the end of the lever and forming a finger piece, substantially as described.

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

ANGUS MARTIN.

Witnesses:

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K. ALLEN.