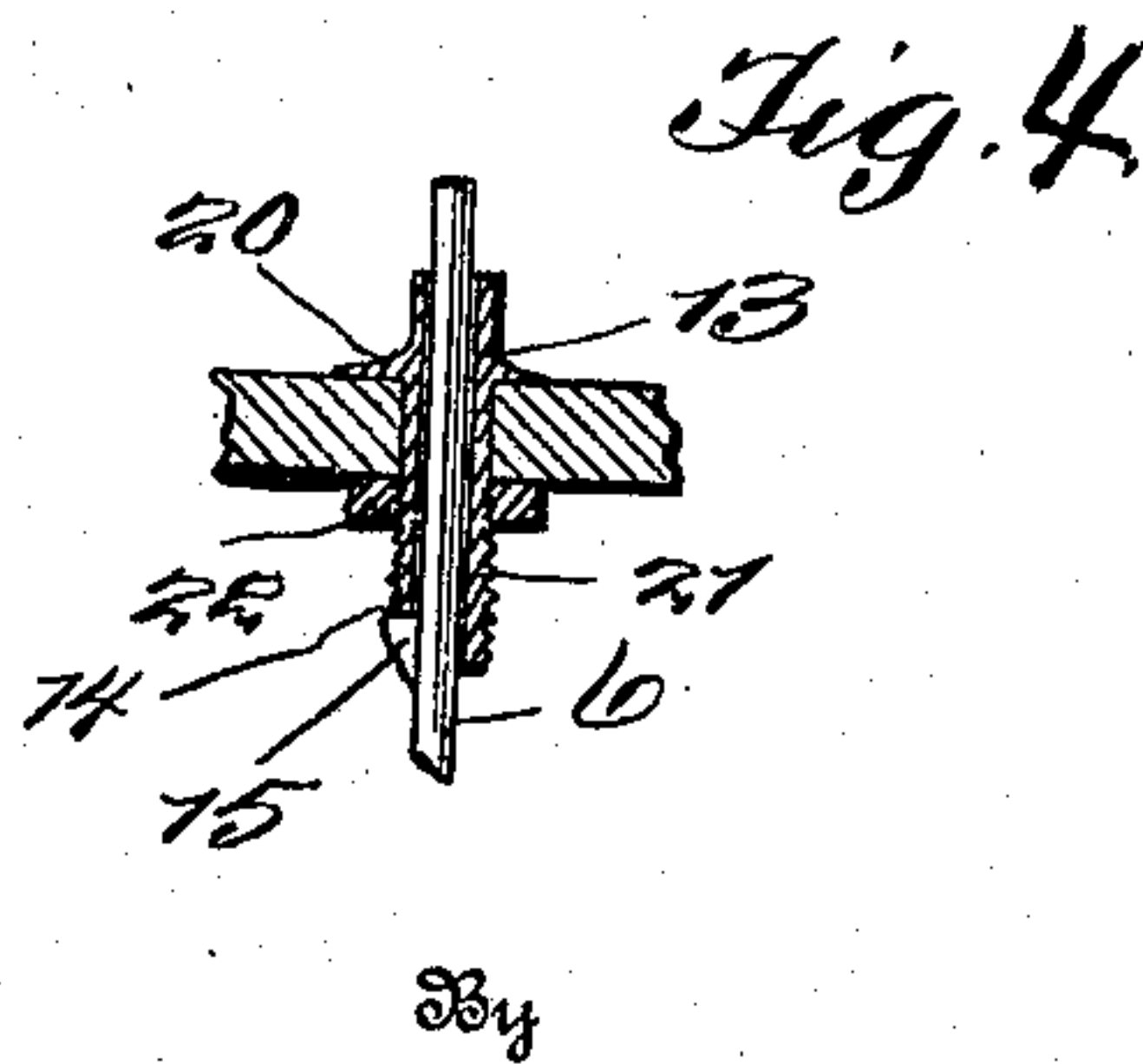
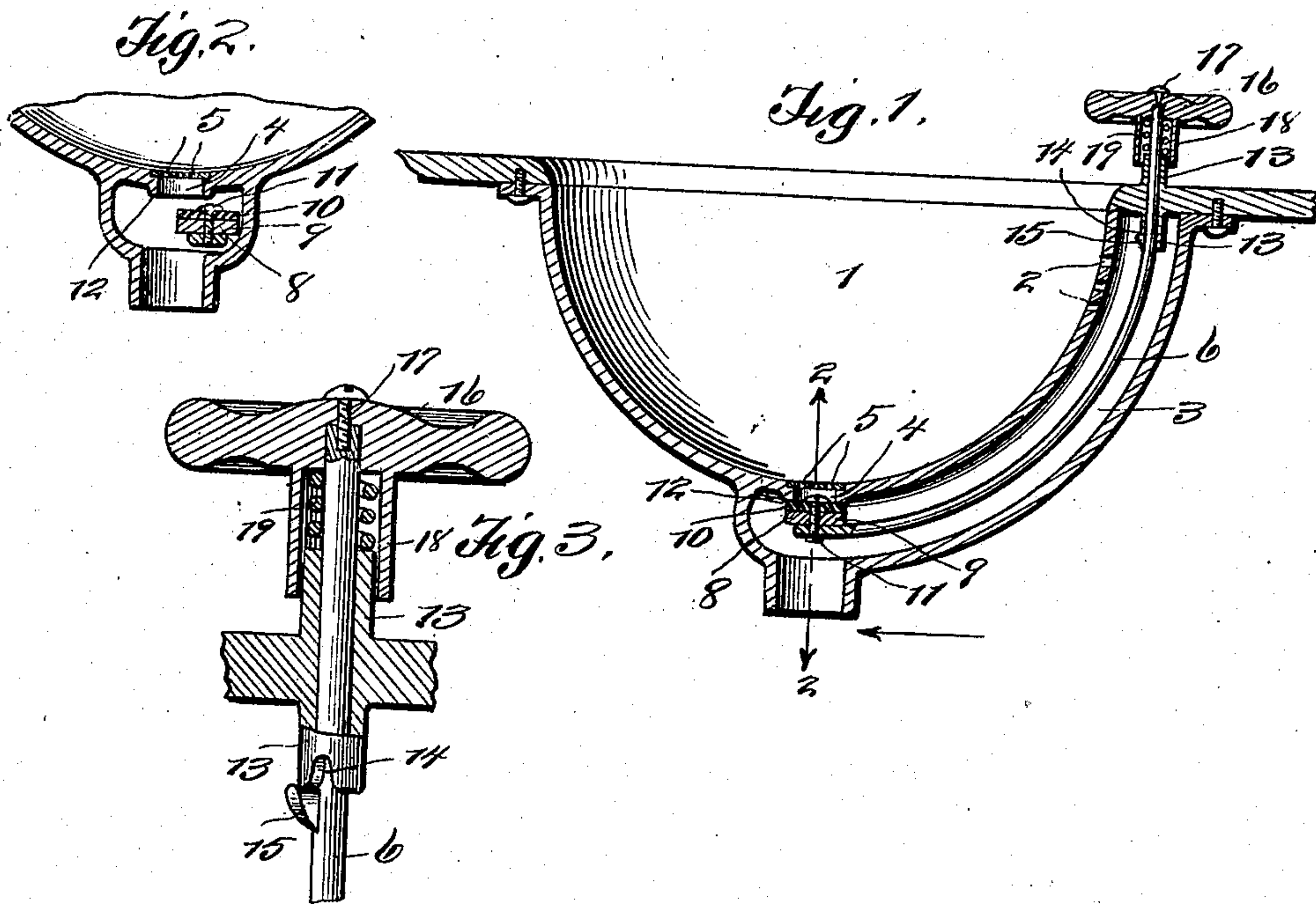


No. 867,957.

PATENTED OCT. 15, 1907.

J. P. DORAU.  
WASHBOWL.

APPLICATION FILED MAR. 10, 1906.



Witnesses  
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# UNITED STATES PATENT OFFICE.

JOHN P. DORAU, OF MENOMONEE FALLS, WISCONSIN.

## WASHBOWL.

No. 867,957.

Specification of Letters Patent.

Patented Oct. 15, 1907.

Application filed March 10, 1906. Serial No. 305,248.

*To all whom it may concern:*

Be it known that I, JOHN P. DORAU, a citizen of the United States, residing at Menomonee Falls, in the county of Waukesha and State of Wisconsin, have invented a new and useful Washbowl; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

10 This invention has relation to certain new and useful improvements in wash-bowls, basins or tubs for use in toilets, and the object of the invention is to provide valve-operating mechanism, but more specifically to provide a valve for opening and closing the discharge-  
15 orifice thereof, which may be operated above the slab of the wash-bowl, through the medium of a rod extending through the overflow chamber.

Primarily another object of the invention is to specifically deviate from the prior state of the art by operating the valve which closes the discharge orifice by throwing it slightly to one side and downwardly of the discharge orifice; this operation is accomplished by an operating knob cooperating with the above-mentioned rod which is provided with a projection for holding the  
25 valve opened, as will be hereinafter set forth.

This invention comprises further objects and combinations of elements which will be hereinafter more fully described and shown in the accompanying drawings and the novel features thereof will be pointed out  
30 by the appended claims.

To obtain a full and correct understanding of the details of construction and combinations of features, elements and advantages reference is to be had to the hereinafter set forth description and the accompanying  
35 drawings in connection therewith wherein:—

Figure 1 is a cross sectional view through a wash-bowl, or basin, showing the invention as applied thereto. Fig. 2 is a sectional view upon line 2—2 of Fig. 1 showing the valve to one side of the discharge orifice.  
40 Fig. 3 is a detail view of the means for operating the valve. Fig. 4 is a detail view of a modified form of the tubular member.

Making renewed reference to the accompanying drawings wherein similar reference characters indicate the corresponding parts in the several illustrations by figures, 1 designates the wash-bowl or basin which is provided with an overflow opening 2 which communicates with the overflow chamber 3, as shown in the drawings.

50 The wash-bowl or basin is provided with a discharge orifice 4 which is provided with a plurality of openings 5 so as to prevent foreign substances or articles which may fall into bowl from being discharged with the contents thereof.

55 Extending through the overflow chamber and of

the same contour is a rod 6 upon the lower end of which is a valve 8 composed of a metallic disk 9 and a rubber washer 10 which are secured to the rod by means of a screw 11. This valve cooperates with the valve seat 12 formed upon the underside of the  
60 discharge orifice for the purpose of closing or opening the same.

When it is desired to open the discharge orifice the valve is thrown to one side and downward so as to allow the contents of the bowl to have a free passage in  
65 discharging by the means about to be described.

The means for operating the rod and valve consists of a tubular member 13 formed with the slab of the bowl when it is of metal and when it is marble or other stone the tubular member 13 may be separate as shown  
70 in Fig. 6. This tubular member is provided with a notch 14 to receive a lug 15 projecting from the circumference of the rod 6, that is when the valve is closed, as shown in Fig. 1.

To manipulate the rod a hand-wheel 16 is keyed  
75 thereto, as shown at 17, and is provided with a downwardly projecting sleeve 18 which telescopes over the upper portion of the tubular member 13, as shown, and disposed within said sleeve and between the hand-wheel and the tubular member is a spring 19 against  
80 the tension of which the hand-wheel is adapted to bear as will be understood from the drawings taken in connection with the description.

In Fig. 6 the tubular member 13 is made separate and is provided with a flange 20 and a threaded portion 21 to receive a nut 22 and between which flange  
85 and nut the stone slab is adapted to be clamped as shown.

From the foregoing, the essential features and elements and the operation of the device, together with  
90 the simplicity thereof will be clearly observed, and, when manufactured in accordance with the invention, an inexpensive market will be easily obtained therefor.

Having thus fully described the invention what is  
95 claimed as new and useful by the protection of Letters Patent is:—

1. In a wash bowl or basin, an overflow chamber, a discharge orifice, a rod extending through said overflow chamber, a valve carried by said rod and adapted to close said  
100 discharge orifice, tubular members, projecting from the upper and lower surfaces of the wash bowl slab, the lower tubular member being provided with a notch, said rod having a lug to cooperate with the notch, a handwheel having a downwardly projecting sleeve carried by the upper end of said rod, said sleeve being designed to fit over the upper tubular member, and a spring surrounding the  
105 said rod within said sleeve and between the tubular member and the said wheel.

2. In a wash bowl or basin, an overflow chamber, a discharge orifice, a rod extending through said overflow chamber, a valve carried by the lower end of said rod and  
110

adapted to be moved upward and downward and to one side for closing or opening the orifice, tubular members projecting from the upper and lower surfaces of the wash bowl slab, the lower tubular member being provided with a  
5 notch, said rod having a lug to cooperate with the notch, a hand wheel having a downwardly projecting sleeve carried by the upper end of said rod adapted to actuate said rod to move the valve, said sleeve designed to fit over the tubular member projecting from the upper surface of the

said slab, and a spring surrounding the said rod within said sleeve and between the tubular member and the hand wheel.

In testimony whereof I have hereto affixed my signature, in the presence of two witnesses.

JOHN P. DORAU.

Witnesses:

JNO. A. PRATT,

J. W. CANNON.