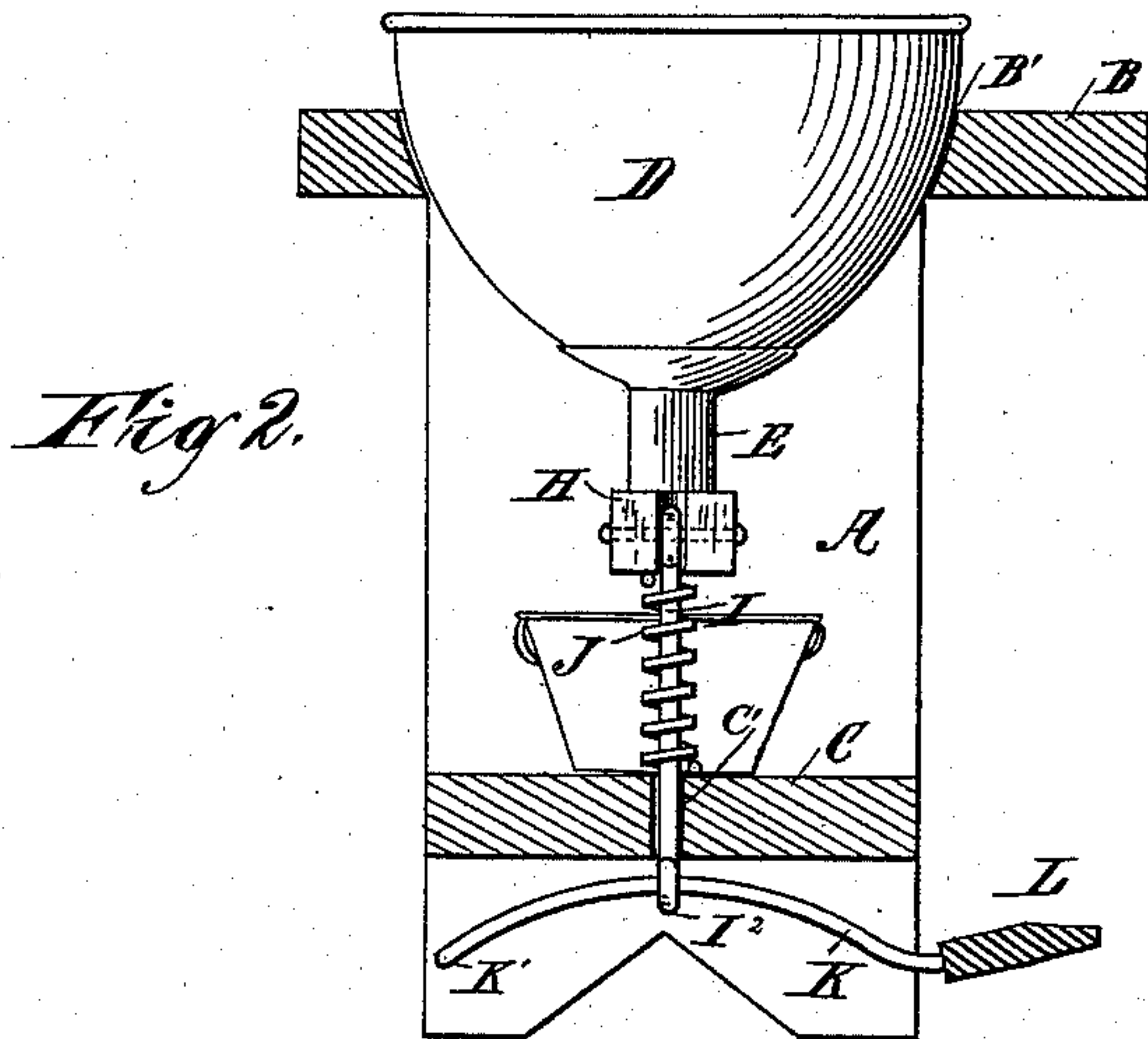
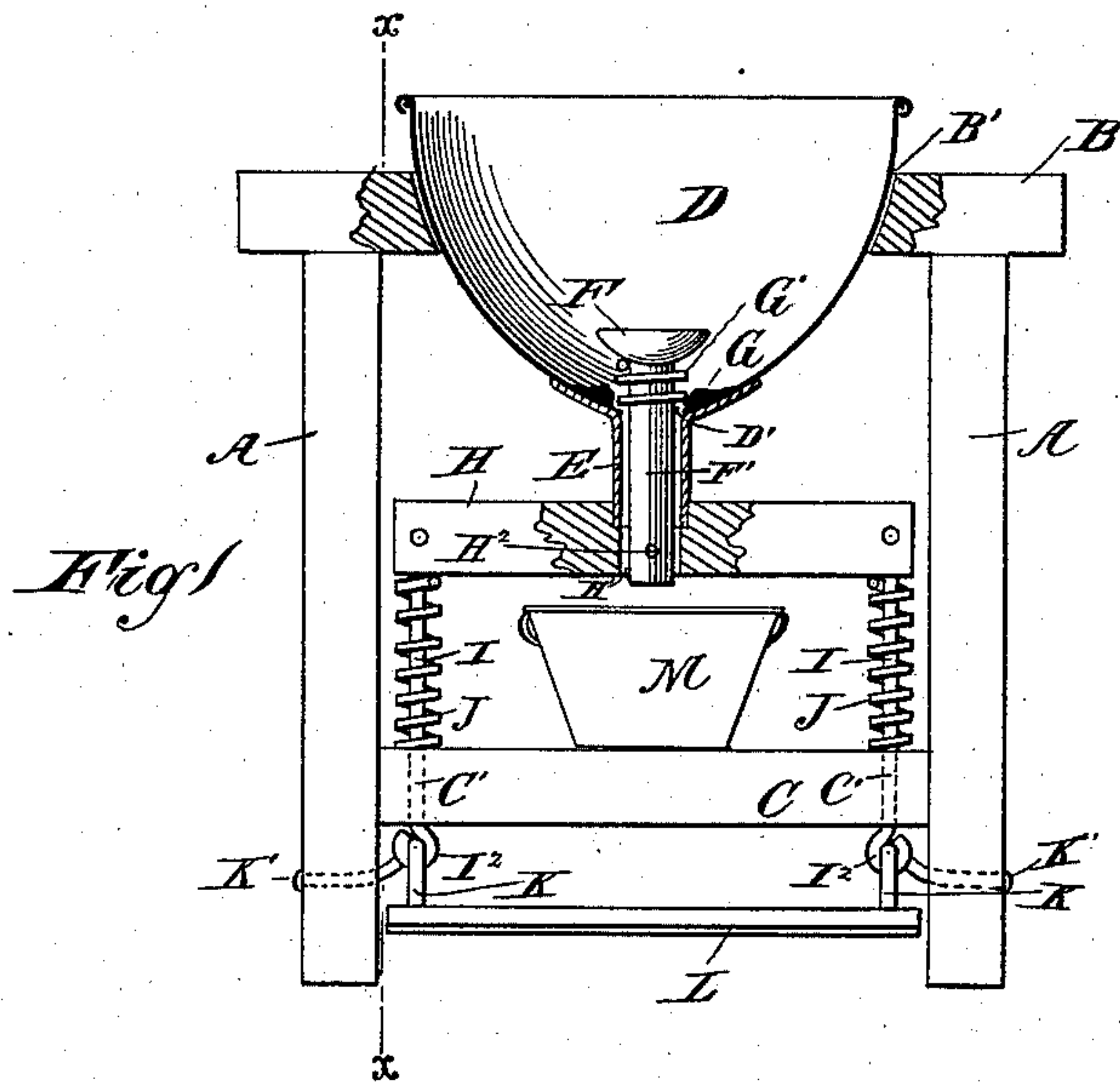


(No Model.)

G. W. HUCKABAY.
WASH BASIN.

No. 407,663.

Patented July 23, 1889.



WITNESSES:

*On Benjamin
Scott*

INVENTOR

George W. Huckabay

BY

Frank A. Fouts
ATTORNEY

UNITED STATES PATENT OFFICE.

GEORGE W. HUCKABAY, OF GARFIELD, LOUISIANA.

WASH-BASIN.

SPECIFICATION forming part of Letters Patent No. 407,663, dated July 23, 1889.

Application filed September 12, 1888. Serial No. 285,201. (No model.)

To all whom it may concern:

Be it known that I, GEORGE W. HUCKABAY, a citizen of the United States, and a resident of Garfield, in the parish of Caddo and State of Louisiana, have invented a certain new and useful Wash-Basin, of which the following is a specification.

The object of my invention is to provide a wash-basin with means for automatically closing the valve or stopper in the bottom thereof when one is using the basin; also automatic means for opening said valve to permit the waste water to escape when one moves away from the basin; and it consists in the parts which will be hereinafter described, and pointed out in the claims.

Reference is herein had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in the two figures.

Figure 1 represents a partial sectional elevation of my invention, and Fig. 2 is a section on the line *x x* of Fig. 1.

A A represent the two side frame-pieces of the stand, B the top thereof, and C a cross-board connecting the side pieces A A near their bottom. The cross-board C is provided with two side openings C'. The top of the stand B is provided with a central opening B' for the reception of the wash basin or bowl D. Said basin is provided with a bottom opening D', and E is a tubular extension having its upper end secured around the said opening.

F is a rubber-covered valve or stopper for the basin-opening, and F' is a stem having its upper end fixed to the under side of the valve formed integral therewith. Said stem extends downward through the opening D' and extension E. A valve-seat G is secured in the bottom of the basin around the opening D'. The valve-stem is provided with a spiral spring G', interposed between the under side of the valve and the valve-seat.

H is a cross-bar provided with an opening H' for the reception of the basin-extension E and valve-stem F'. The lower end of said stem is fixed to the cross-bar H by means of a pin H² or other suitable device. The upper part of the opening H' is slightly larger than the lower part thereof, so as to form a step or seat for the extension E. There is an annular space

between the valve-stem and the inner sides of the extension E and opening H' to permit the water to flow downward around the valve-stem when the valve is open.

I I are two rods having their upper ends secured to the respective ends of the cross-bar H. These rods extend downward through the openings C' in the cross-board C, and the lower end of each of said rods is provided with an eye or loop I².

J J are two spiral springs, one on each rod I, and each interposed between the cross-bar H and board C aforesaid.

K K are two levers or arms, each fulcrumed at K' to the rear inner side of a side frame-piece A. Each lever K passes through one of the eyes I² on the lower end of a rod I. A cross foot-piece L is secured to the outer ends of the levers K.

M is a basin mounted on the cross-piece C, to be used for receiving the waste water when no waste-pipe is used.

The operation is as follows: The foot-piece L may be on a level with the floor or mounted above the bottom of the basin-frame, as shown in the drawings. By stepping on said cross-piece the levers K, rods I, and cross-bar H are drawn downward and the springs J thereby compressed. The downward movement of the cross-bar H draws down the valve-stem and valve, causing the said valve to occupy its seat G and thereby tightly close the opening D' in the bottom of the bowl, at the same time compressing the spiral spring G'. When the valve is thus closed, the bowl will retain any water therein. When one's feet are taken from the foot-piece L, the several spring-actuated parts aforesaid are released, the valve opened, and the waste water discharged through the basin-opening D' and extension E.

Having thus described my invention, I claim as new and desire to secure by Letters Patent of the United States—

1. The combination, with the frame A, its top B, with opening B', and the wash-basin D, having an extension E, the lower end thereof seated in a cross-bar H, provided with an opening H', of the valve-stem F', secured in the opening of the cross-bar at one end, its upper end passing through the extension and into the bowl, and having on its upper end a bowl-

shaped valve F, and the said extension and stem having a space between them to form a waste-passage, substantially as specified.

2. The combination, with the frame, its top
5 B and opening B', and the wash-basin seated in said opening and having a downward extension E, of the valve F, mounted on the valve-stem F', located in said extension, said extension and stem having a space between them
10 to form a waste-pipe, the valve-seat G, the spring G', interposed between the valve-seat and valve, the cross-bar H, having an opening communicating with the space between the extension and stem, said extension located in
15 a seat in the bar, and the valve-stem secured

by a pin to said bar, the bar C, with openings C', the rods I, with their upper ends secured to bar H and passing through said openings of bar C and having loops I², the springs J J, interposed between the bars H C, the levers 20 K K, connected to said loops and fulcrumed to the frame, and the foot-piece L, secured to said levers, all arranged to operate as set forth.

Signed at New York, in the county of New York and State of New York, this 10th day 25 of September, A. D. 1888.

GEORGE W. HUCKABAY.

Witnesses:

J. P. SCOTT,

FRANK A. FOUTS.