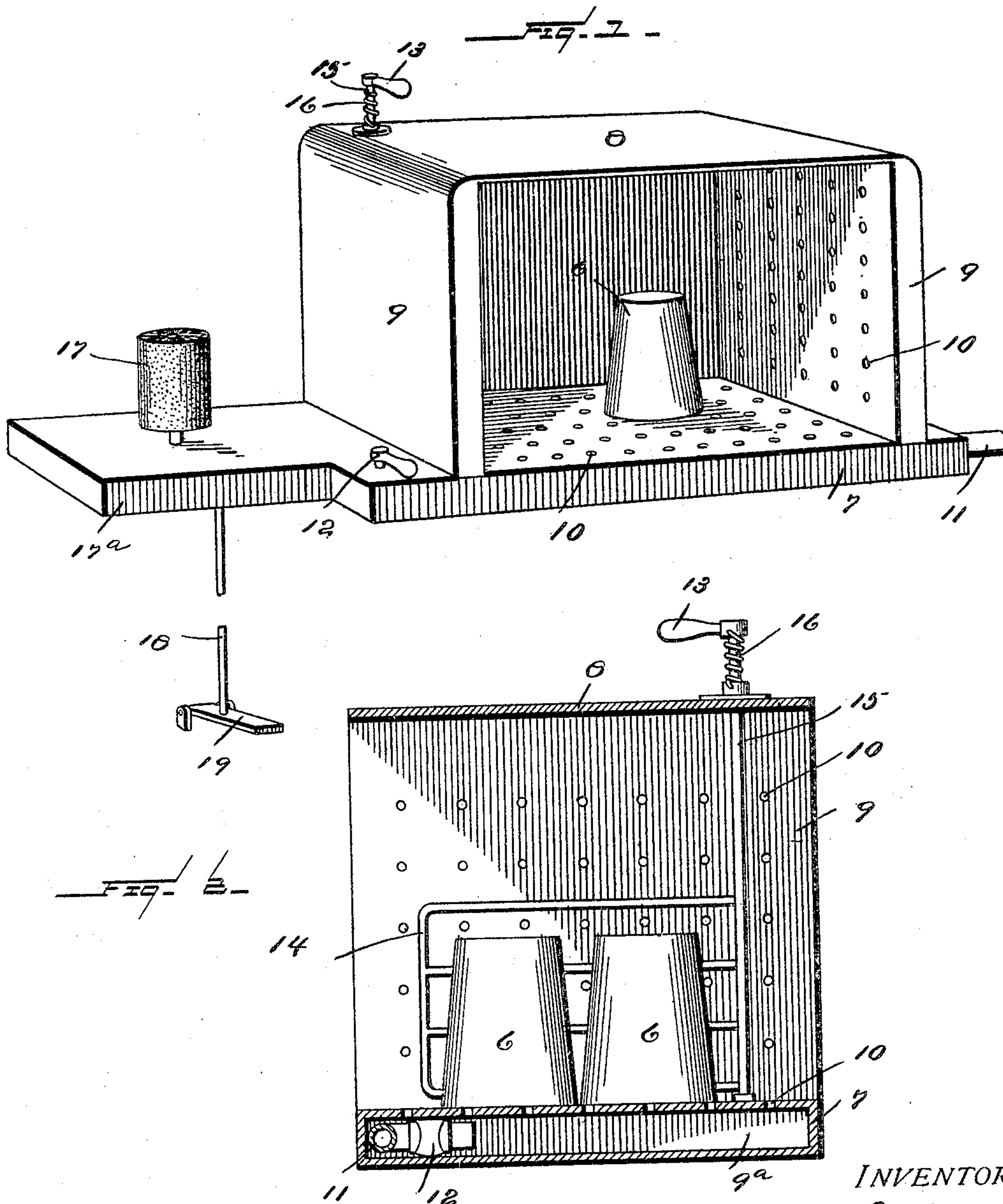


No. 798,186.

PATENTED AUG. 29, 1905.

O. KARLSS.
WASHER FOR GLASSES.
APPLICATION FILED MAY 25, 1905.

2 SHEETS—SHEET 1.



WITNESSES:

W. F. Doyle
Geo. E. Tew

INVENTOR

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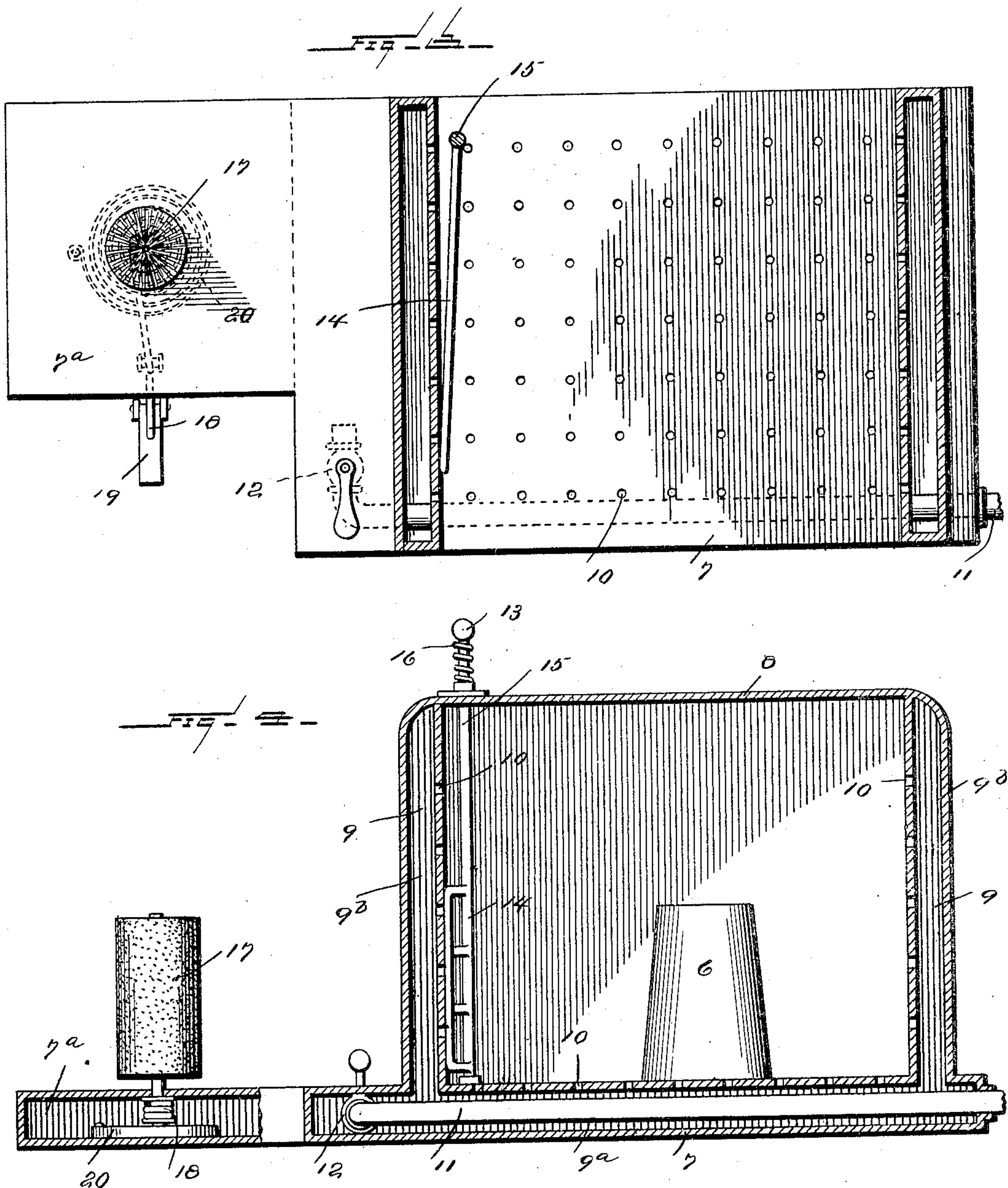
Attorneys.

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UNITED STATES PATENT OFFICE.

OSCAR KARLSS, OF CHICAGO, ILLINOIS.

WASHER FOR GLASSES.

No. 798,186.

Specification of Letters Patent.

Patented Aug. 29, 1905.

Application filed May 25, 1905. Serial No. 262,208.

To all whom it may concern:

Be it known that I, OSCAR KARLSS, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have
5 invented new and useful Improvements in Washers for Glasses, of which the following is a specification.

This invention is a washer particularly designed and intended for use in washing tumblers and other glassware in bars, soda-fountains, restaurants, and the like.

The apparatus may conveniently be placed over a trough or sink behind the bar or counter and has means for washing the interior
10 and exterior of the glasses and also for ejecting the same from the machine when desired to be used or drained.

The invention is illustrated in the accompanying drawings, in which—

20 Figure 1 is a perspective view thereof. Fig. 2 is a vertical cross-section. Fig. 3 is a horizontal section. Fig. 4 is a vertical longitudinal section.

The washer may be made with either one
25 or both sides open. In Figs. 1 and 4 one side is shown closed. In the other figures both sides are shown open.

In the drawings, 6 indicates tumblers or glasses being washed.

30 The washer consists of a box-like structure having a bottom 7, on which the glasses rest, ends 9, and a top 8, one or both of the sides being open. The bottom and ends are made double and hollow, as indicated at 9^a and 9^b,
35 and the inner walls thereof are provided with numerous fine perforations, as indicated at 10, so that water is discharged from the perforations in the ends onto the exterior of the glasses and from the perforations in the bot-
40 tom to the interior thereof.

Water is supplied to the device by a pipe 11, extending into the hollow bottom and controlled by a cock 12, and when the water is turned on it fills the hollow parts and is
45 discharged in numerous jets from the small holes referred to.

To eject the glasses onto a tray or shelf placed to receive them or to bring them close to the edge, where they can be picked up with-
50 out wetting the sleeves of the attendant, a handle 13 is connected to the upper end of the turning rod 15, which extends through the top of the casing to the interior thereof, and this rod carries a sweep or series of arms

14, which when the rod is turned sweep over 55 the bottom of the box and carry the glasses off the same. Normally the sweep is held back against the end of the box by a spring 16, coiled around the rod 15 adjacent the handle. 60

To scrub a glass, if and when it should be necessary I provide a rotary brush 17, standing upon a hollow extension 7^a of the bottom of the casing. This brush is operated by a treadle 19 and cord 18, connected to the spin- 65 dle of the brush within the hollow of the base. A coiled spring 20, connected between the spindle and the base, serves to return the brush after the operation of the treadle.

The waste water from the machine flows 70 out the sides of the box and into the trough or sink above which the same is placed.

A supply of water being provided, the washer may be kept in constant operation for washing and cleaning glasses placed therein after 75 use and will be found very serviceable, particularly in saloons and in soda-fountains, where the glasses can ordinarily be cleaned simply by flowing water thereover.

What I claim as new, and desire to secure 80 by Letters Patent, is—

1. A washer for glasses and the like comprising a washing-chamber having a hollow bottom and ends with jet-holes in the inner walls thereof, and a water-pipe leading thereto 85 and arranged to supply water under pressure, to force the same through the holes into the chamber.

2. A washer for glasses and the like comprising a casing having an open side, and jet- 90 holes in the walls through which water is discharged into the casing, and a swinging sweep movable over the bottom of the casing to eject the articles therefrom, through said open side.

3. A washer for glasses and the like com- 95 prising a casing having an open side, and perforated bottom and ends through which water is discharged into the casing, and a turning rod extending through the top of the casing and provided with arms which sweep over 100 the bottom thereof, toward said open side.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

OSCAR KARLSS.

Witnesses:

CLARA PROSCHE,
SIGNA FELTSKOG.