

F. J. GAUS.  
DISINFECTOR.

APPLICATION FILED AUG. 14, 1908.

916,143.

Patented Mar. 23, 1909.

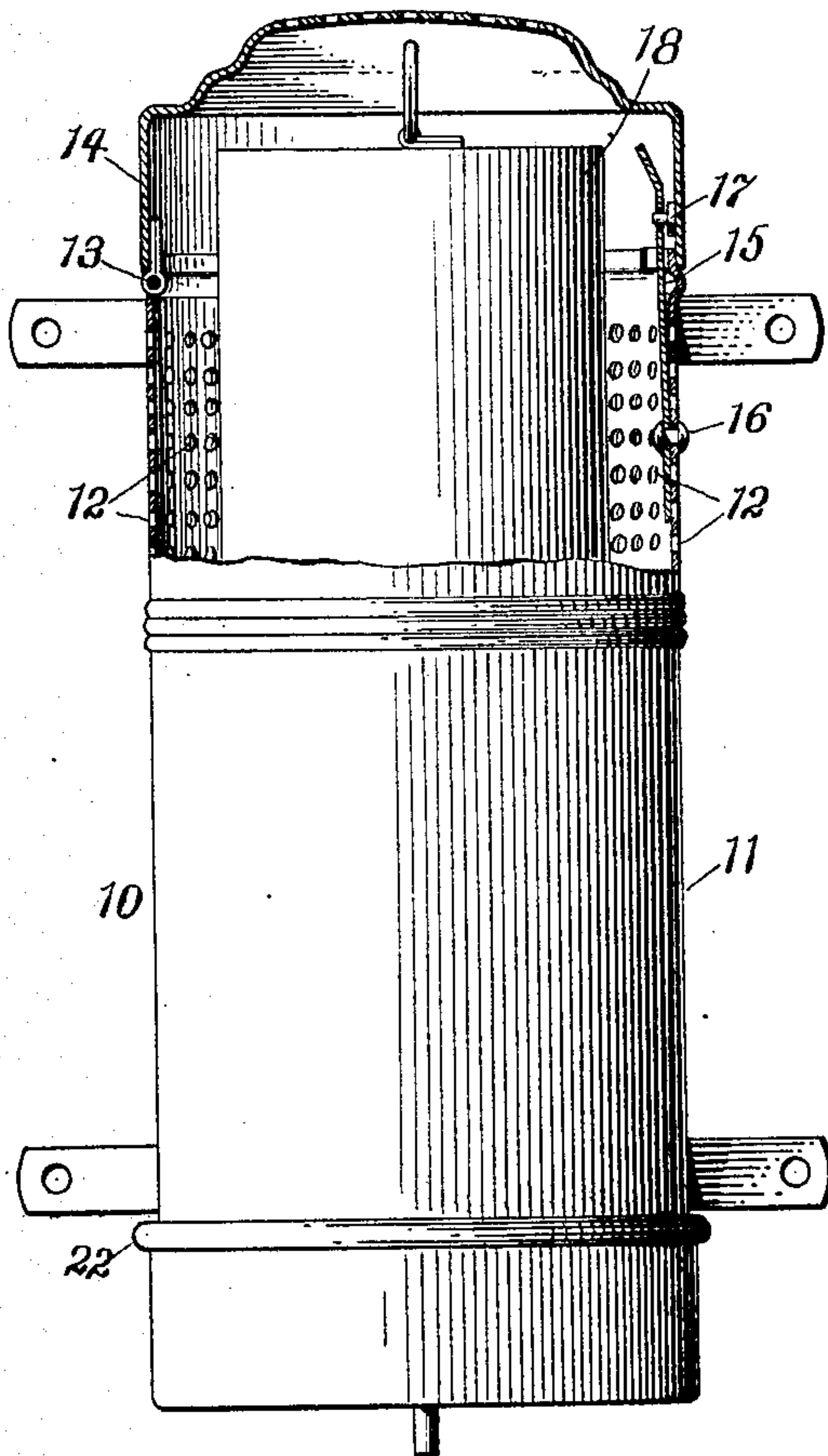


Fig. 1.

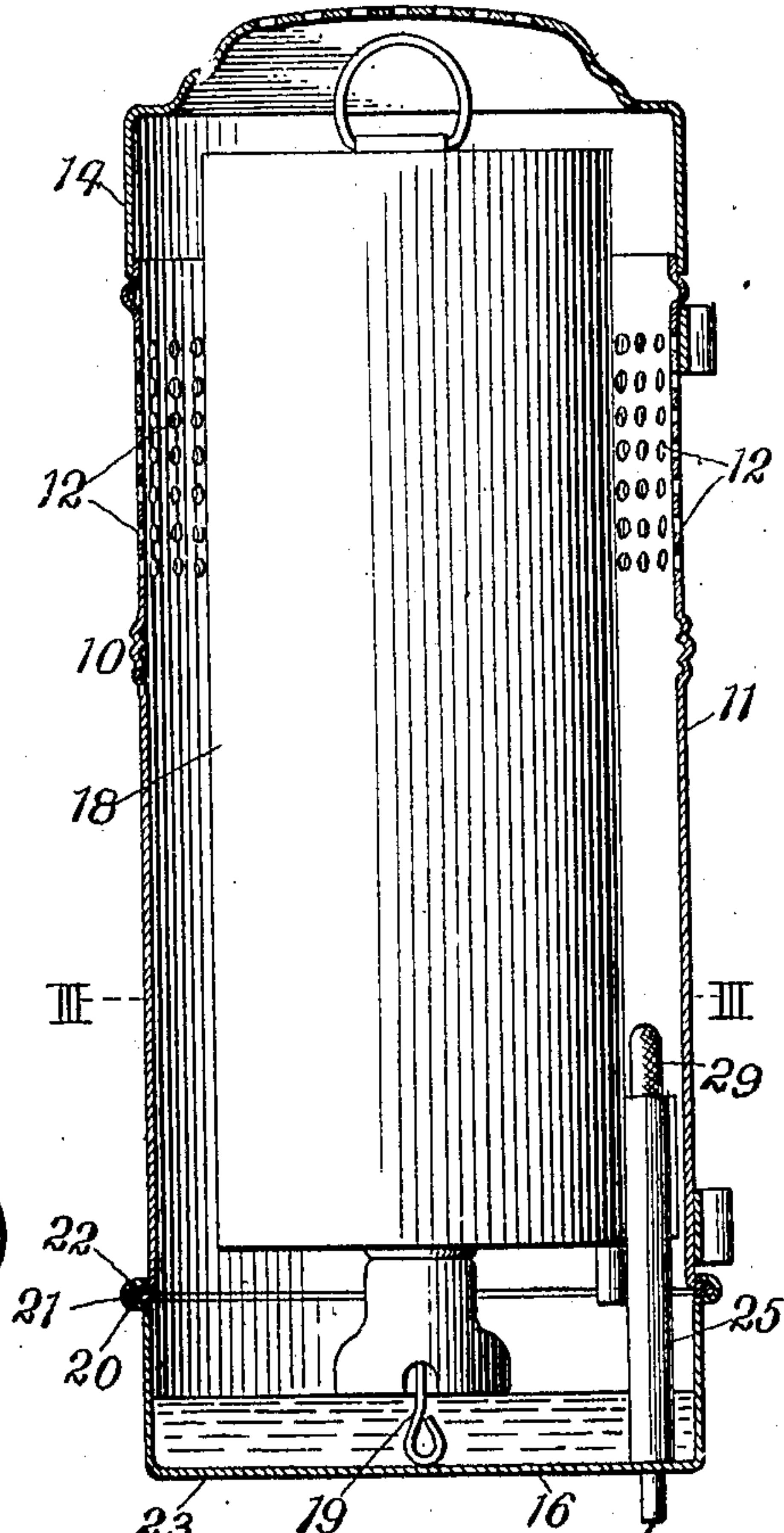


Fig. 2.

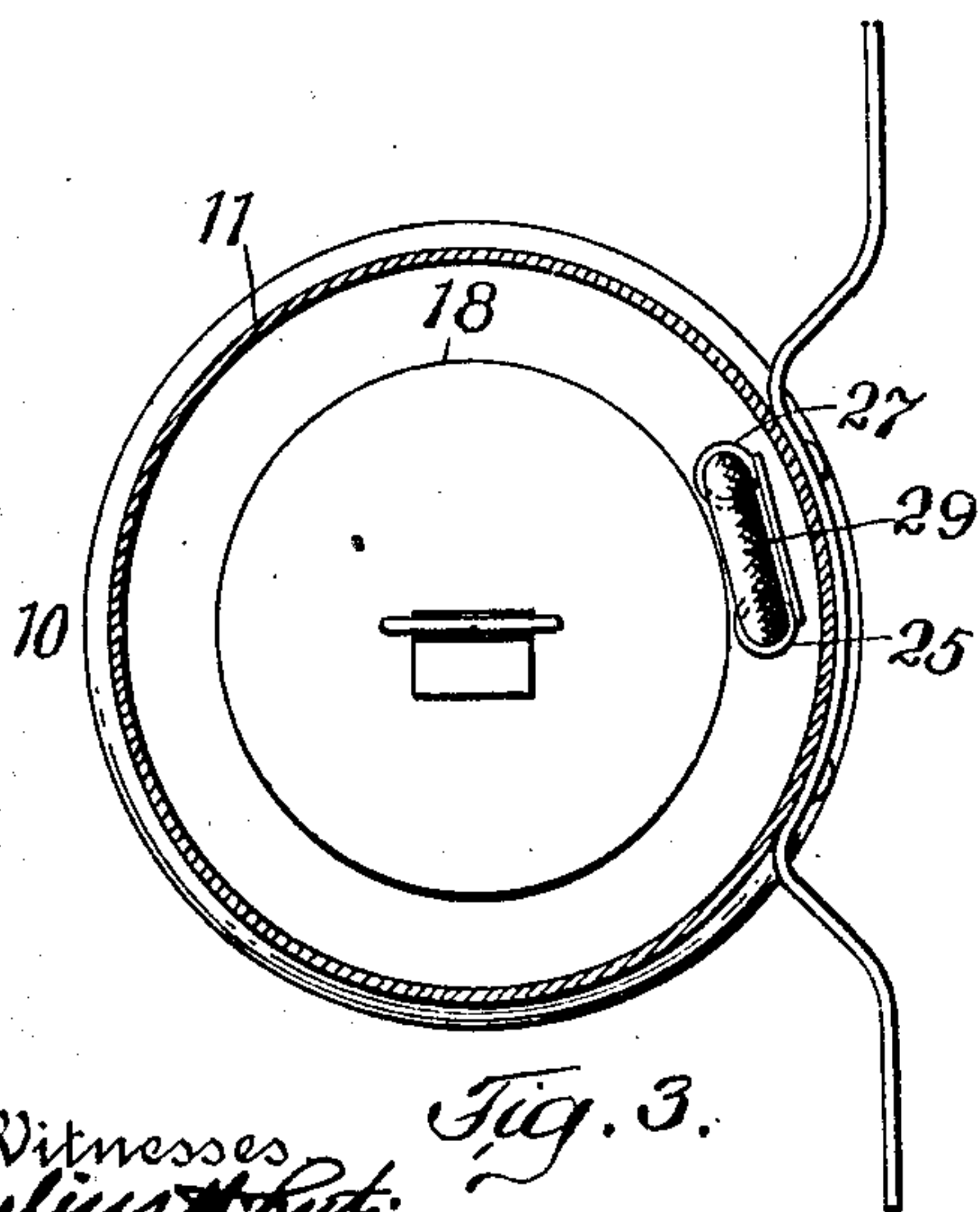


Fig. 3.

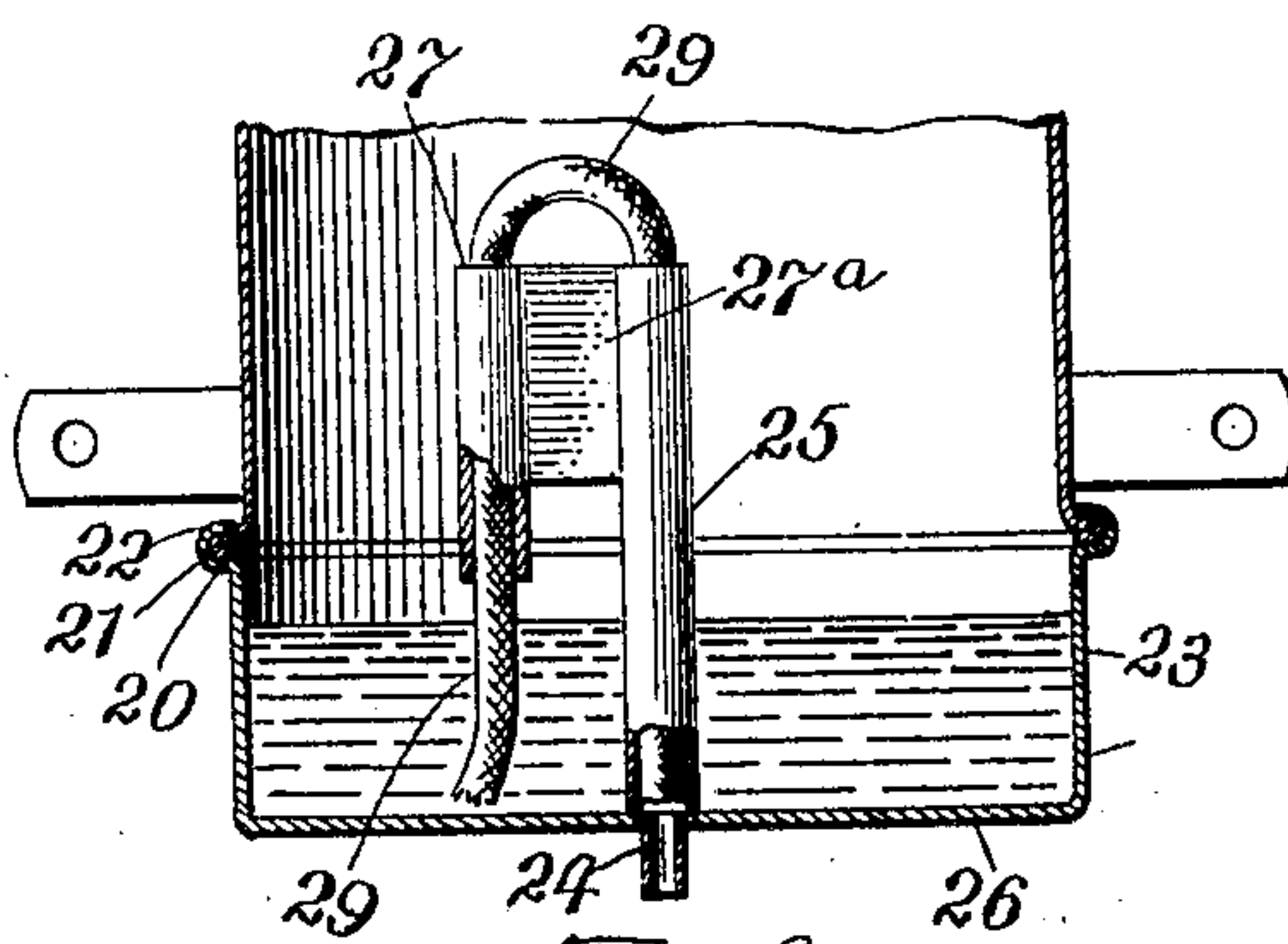


Fig. 4.

Witnesses  
*Julius Hutz*  
*A. Becker*

Inventor  
Frederick J. Gaus  
By his Attorneys  
*Oriswell & Oriswell*



# UNITED STATES PATENT OFFICE.

FREDERICK J. GAUS, OF NEW YORK, N. Y., ASSIGNOR TO WILLIAM VOGEL AND BROTHERS,  
OF BROOKLYN, NEW YORK, A FIRM.

## DISINFECTOR.

No. 916,143.

Specification of Letters Patent.

Patented March 23, 1909.

Application filed August 14, 1908. Serial No. 448,532.

*To all whom it may concern:*

Be it known that I, FREDERICK J. GAUS, a citizen of the United States, and a resident of New York, borough of Brooklyn, county of Kings, and State of New York, have invented certain new and useful Improvements in Disinfectors, of which the following is a full, clear, and exact description.

This invention relates more particularly to a disinfector adapted to automatically feed a disinfecting liquid.

The primary object of the invention is to provide a simple and efficient device in which the outer casing comprises a plurality of members one of which is relatively movable with respect to the others so as to adapt the device not only to hold the liquid but to be moved so as to place the outlet in various positions for directing the disinfectant to the desired point.

A further object of the invention is to provide a simple device which may be readily attached to a suitable support, and in which the liquid may be automatically fed and a part of the feeding means held to a relatively movable member of the casing or receptacle.

The invention will be hereinafter more particularly described with reference to the accompanying drawings, which form a part of this specification, and will then be pointed out in the claims at the end of the description.

In the drawings, Figure 1 is a side elevation, partly in section, of one form of device embodying my invention. Fig. 2 is a vertical section, partly in elevation, of the interior of the device. Fig. 3 is a sectional view, partly in elevation, taken on the line III—III of Fig. 2; and Fig. 4 is a vertical section, partly in elevation, of the lower part of the device.

The casing or receptacle 10 comprises a cylindrical body portion or member 11 which is adapted to be fastened to a support and has perforations or openings 12 at the upper portion thereof, and hinged to the upper part of the member 11, as at 13, is a cover or cap 14 which is adapted to be held to the body 11 by a spring catch 15. This spring catch 15 is held at 16 to the member 11, and has an opening near the upper part thereof which is adapted to engage a pin 17 so that said catch 15 must be forced inward by inserting a device through one of the openings 12 and

forcing the fastener 15 away from the pin 17 before the cover or cap 15 can be swung on its hinge.

A vessel 18 is adapted to be placed within the receptacle 11, and this vessel holds the liquid disinfectant, and is provided with means, as a valve secured to a stem 19, whereby when the receptacle is inverted it will automatically feed the liquid to the outer receptacle as is usual in devices of this character.

As a means to hold one member of the outer receptacle 10 relatively movable with respect to the other so that the disinfectant may be directed to the desired point, I provide the member 11 at the lower end thereof with an annular bead or rib 20 which extends outward from the member 11, and this bead is adapted to fit into a groove 21 formed by beading or making a rib, as at 22, in the upper end of the member 23. The member 23 of the receptacle is adapted to receive the liquid from the inner receptacle 18, and by reason of the rib 22 fitting about the rib or bead 20 of the member 11 permits said member 23 to be moved relatively with respect to the member 11 so as to shift the tubular outlet opening 24 to any desired position.

The outlet opening 24 is in alinement with a tubular part 25 which projects upward from the base 26 of the member 23, and is held to said base, and said tubular portion 25 is connected to a shorter tubular part 27 by means of a plate 27<sup>a</sup> or otherwise. A wick 29 extends into the liquid at the bottom of the member, and passes through the tubular part 27 in the tubular part 25 and serves as a means to automatically feed the disinfectant material to the outlet 24.

From the foregoing it will be seen that a simple and efficient device is provided, and that one of the members carrying the automatic feed and outlet may be shifted relatively with respect to the member to which it is held so that the said outlet and feed may be placed in various positions to properly direct and feed the disinfectant.

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

1. A drip tank for liquid disinfectants, comprising an inner feeding receptacle, an outer receptacle having one member provided with an annular rib at the lower edge thereof,



and a relatively movable member adapted to receive the liquid from the inner receptacle and having an annular grooved rib adapted to fit about the rib of the other member so as  
5 to be movable thereon, said movable member being provided with an outlet, and feeding means carried by said movable member adapted to automatically feed the liquid to the outlet.  
10 2. A drip tank for liquid disinfectants, comprising a receptacle having one member provided with an annular bead at the lower edge thereof, and a relatively movable member having an annular grooved rib adapted to  
15 fit about the bead of the other member so as to be movable thereon, said movable member being provided with an outlet, and feeding means carried by said movable member

adapted to automatically feed the liquid to the outlet. 20

3. A drip tank for liquid disinfectants, having an outer receptacle comprising a plurality of members, one member of which is provided with an annular bead at the lower edge thereof, and a rotatable cup having an  
25 eccentrically located outlet tube and having an annular grooved rib adapted to fit about the bead of the other member so as to be movable thereon.

This specification signed and witnessed 30  
this 13th day of August A. D., 1908.

FREDERICK J. GAUS.

Witnesses:

O. C. PATTERSON,  
A. BECKER.