

E. C. FROST.

DRAIN FOR COUNTERS AND THE LIKE.

APPLICATION FILED MAR. 23, 1907. RENEWED MAR. 25, 1909.

925,574.

Patented June 22, 1909.

Fig. 1.

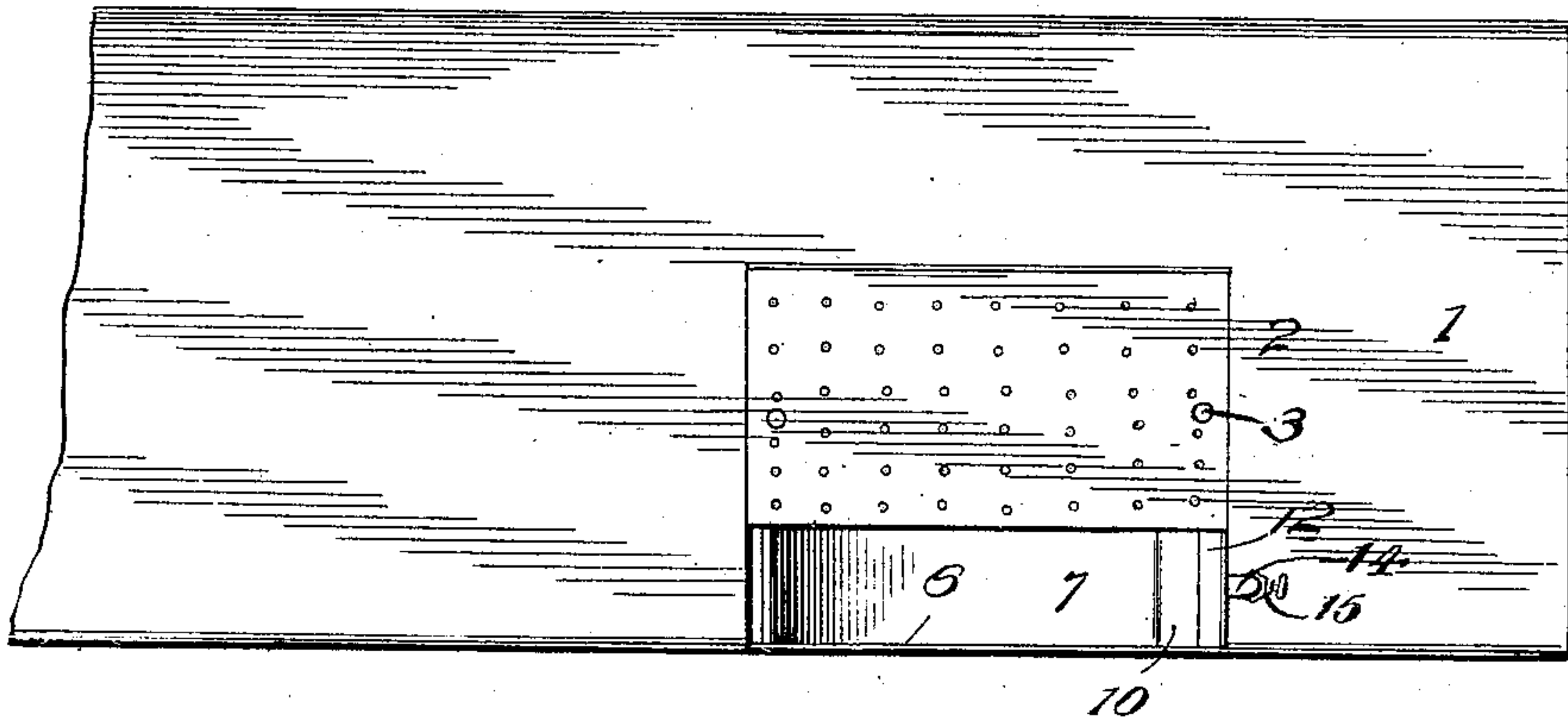


Fig. 2.

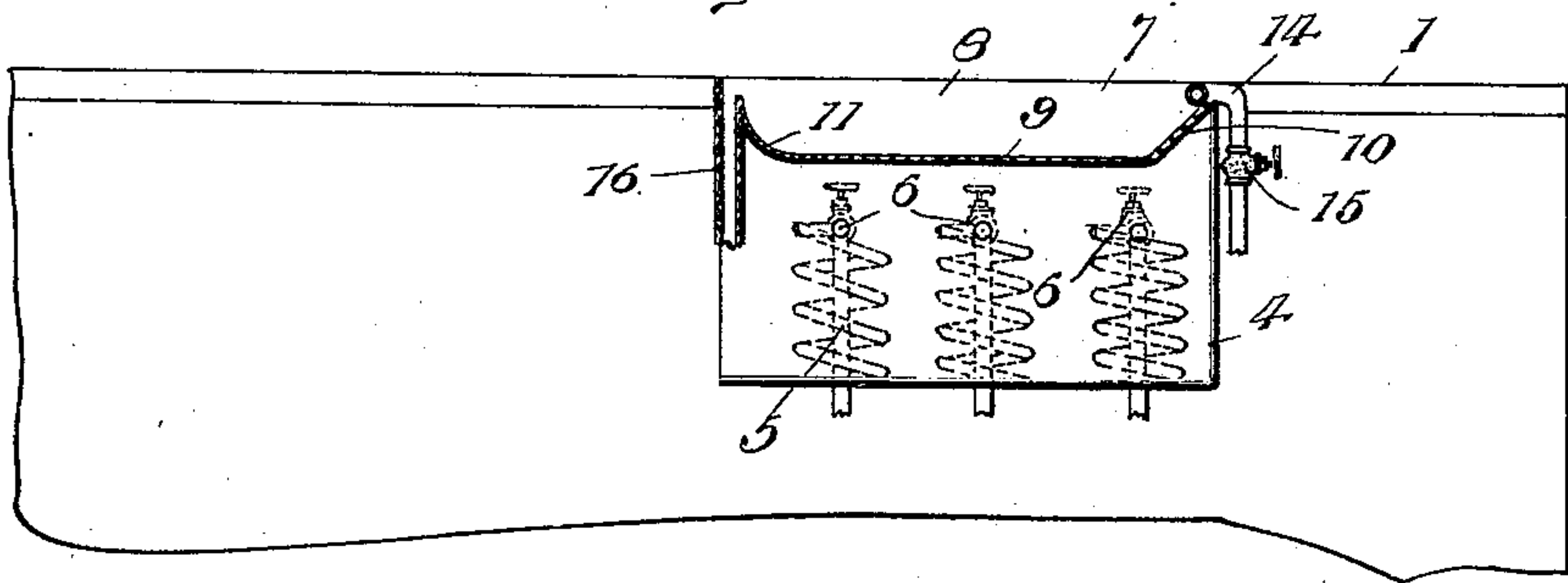


Fig. 3.

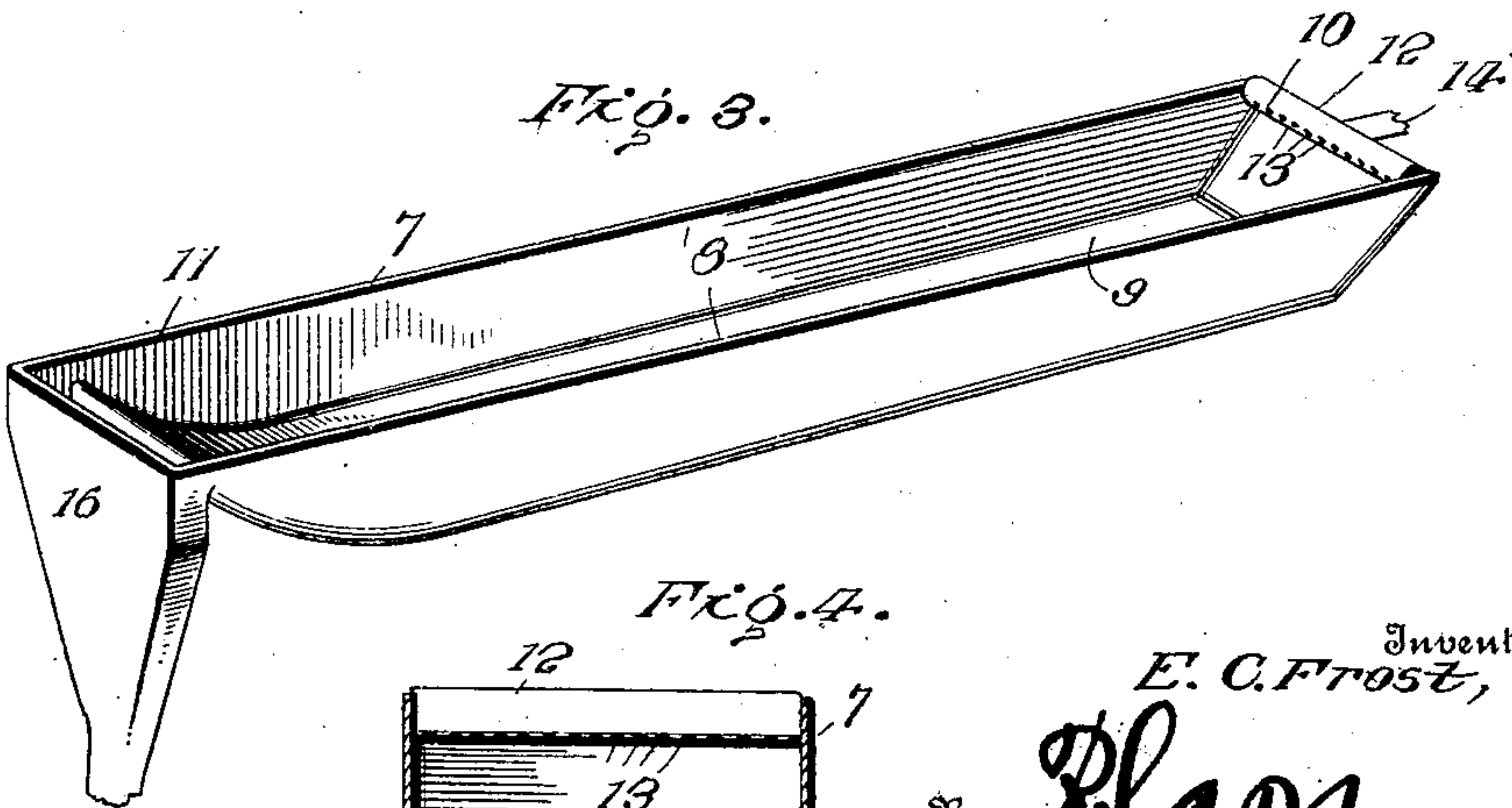
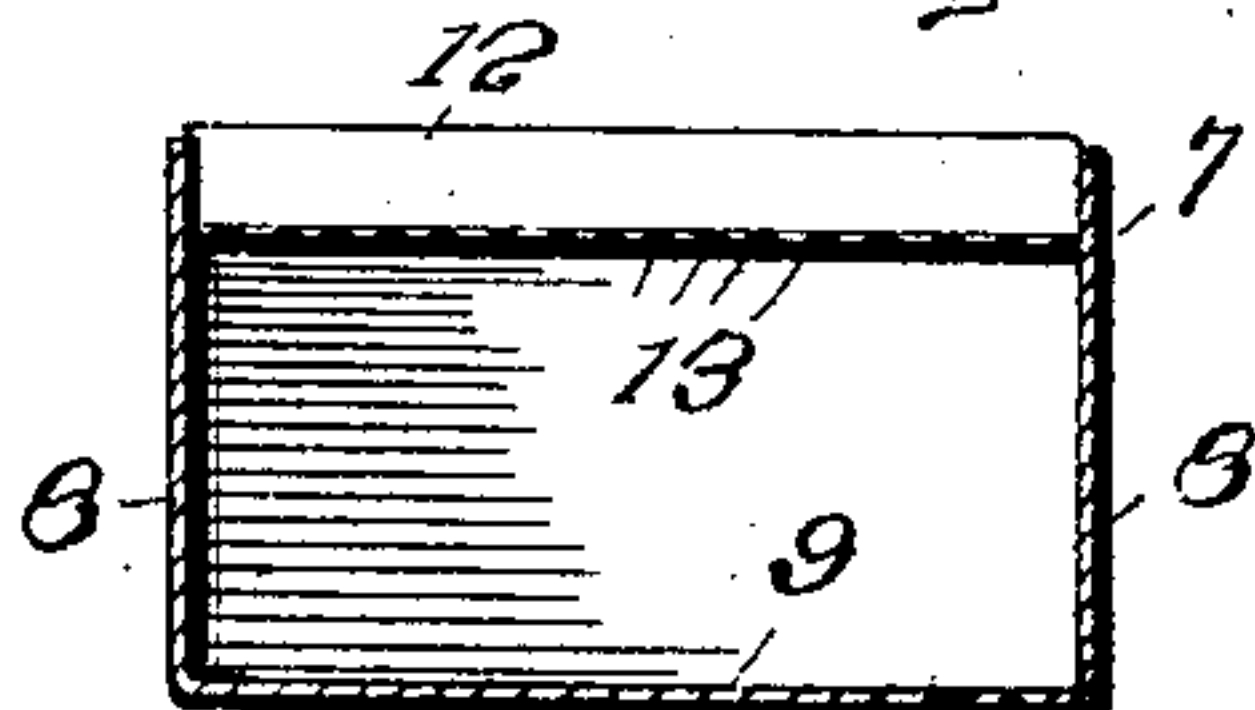


Fig. 4.



Witnesses

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# UNITED STATES PATENT OFFICE

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## DRAIN FOR COUNTERS AND THE LIKE.

No. 925,574.

Specification of Letters Patent.

Patented June 22, 1909.

Application filed March 23, 1907, Serial No. 364,177. Renewed March 25, 1909. Serial No. 485,815.

*To all whom it may concern:*

Be it known that I, ETHAN C. FROST, citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Drains for Counters and the Like, of which the following is a specification.

In the serving of beer and similar beverages it is customary to first fill the glass or receptacle and then place the same upon a perforated plate in order that the overflow may pass through the perforations and be delivered to a suitable drain pipe. Such beverages invariably contain a certain amount of saccharine and other substances which do not thoroughly drain from the glass but leave a thin sticky film upon the exterior surface thereof which is extremely objectionable.

The object of this invention has been to overcome this objectionable feature by the provision of a novel form of rinsing tray which can be mounted upon a counter where it will be in plain view of the customers and which will enable the bottoms of beverage filled vessels to be conveniently rinsed while being served.

For a full description of the invention and the merits thereof and also to acquire a knowledge of the details of construction and the means for effecting the result, reference is to be had to the following description and accompanying drawings, in which:

Figure 1 is a top plan view of a portion of a counter, showing the application of the invention. Fig. 2 is a longitudinal vertical sectional view through the same. Fig. 3 is a detached perspective view of the rinsing tray. Fig. 4 is a transverse sectional view through the same.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawings by the same reference characters.

The numeral 1 designates the counter which may be of any conventional construction and is provided upon its upper face with a perforated drain plate 2 formed with finger receiving openings 3 by means of which it can be readily removed from position. The counter is also shown as provided with the usual form of beer cooler which consists of a cooling chamber 4 through which the coiled beer pipes 5 pass,

the said pipes terminating in the faucets 6. The rinsing tray 7 which constitutes the essential feature of the present invention is shown as located adjacent to the drain plate 2 although it can be mounted upon the counter in any desired manner. In the specific construction of the rinsing pan 7 it will be observed that the same comprises the two approximately parallel side pieces 8 connected by the bottom 9, one of the ends of the tray being inclined upwardly as shown at 10, while the opposite end 11 is of a less height than the sides 8 and is formed by curving an edge of the bottom 9 upwardly. Owing to this formation of the end 11 it will be apparent that a notch is formed which constitutes an outlet for the overflow from the tray.

Carried by the upper edge of the inclined end 10 of the tray is a tubular rim 12 which is provided upon its lower side with a series of outlet openings 13 designed to deliver into the pan 7, the said outlet openings being preferably spaced closer together near the ends of the rim than at the intermediate portion thereof. A pipe 14 leading to any suitable source for supplying water under pressure communicates with an intermediate portion of the tubular rim 12 and the flow through the said pipe is governed by any suitable means such as the valve 15. It will thus be apparent that when the said valve is open the water will enter the tubular rim 12 and pass through the outlets 13 into the tray 7 in a uniform stream, and when the tray is filled the water will overflow through the notch at the opposite end thereof. In this connection it may be mentioned that the waste pipe 16 receiving the overflow from the tray preferably extends upwardly flush with the top of the tray and has the mouth thereof flared laterally to the entire width of the pan so that the water flows through the different portions of the pan at a uniform velocity.

In the use of the pan the water is permitted to flow continuously through the same as above set forth and the beverage filled glasses which it is desired to rinse, are placed in the pan. Should it for any reason be found undesirable to permit the water to flow the desired result may be accomplished by placing the glasses within the pan and sliding them longitudinally along the bottom thereof. After this operation a small



quantity of water may still drip from the glass, but since this is of a thinner consistency than the beverage the dripping will be less objectionable and the stickiness will be  
5 completely avoided.

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

10 A rinsing device for beverage-filled glasses, the said device being adapted to be applied to the upper face of a counter, and comprising a tray which is let into the counter so as to be flush with the surface thereof, the tray being formed with a flat bottom and parallel sides, one end of the bottom being inclined upwardly, while the opposite end is  
15 curved upwardly and terminates at a point below the top of the sides, whereby an out-

let notch is formed, a tubular rim extending across the upwardly inclined end of the bottom and perforated so as to discharge into 20 the tray, a feed pipe communicating with the tubular rim, and a waste pipe for receiving the discharge from the notch, the said waste pipe extending upwardly flush with the top of the tray and having the 25 mouth thereof flared laterally to the entire width of the tray, so as to produce a uniform flow through the same.

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

ETHAN C. FROST. [L. S.]

Witnesses:

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