No. 659,365. Patented Oct. 9, 1900.

A. G. DE WALDO.

STRAINER FOR FAUCETS.

(Application filed Aug. 8, 1900.)

(No Model.)

Fig. 1.

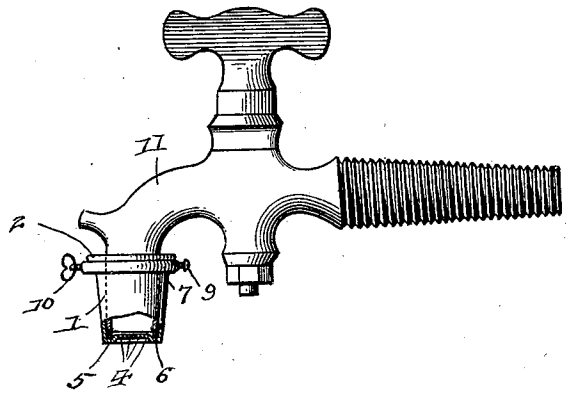


Fig. 2.

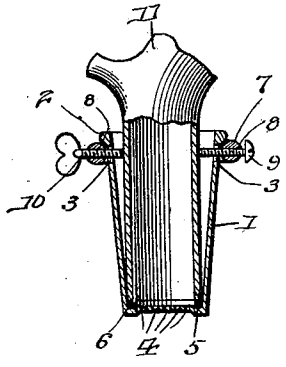


Fig. 3.

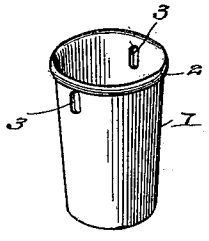
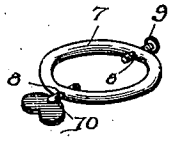


Fig. 4.



Witnesses
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UNITED STATES PATENT OFFICE.

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STRAINER FOR FAUCETS.

SPECIFICATION forming part of Letters Patent No. 659,365, dated October 9, 1900.

Application filed August 8, 1900. Serial No. 26,300. (No model.)

To all whom it may concern:

Be it known that I, ALFONSO G. DE WALDO, a citizen of the United States, residing at Warren, in the county of Trumbull and State of Ohio, have invented a new and useful Strainer for Faucets, of which the following is a specification.

This invention relates to strainers, and has for its object to provide an improved device of this character which is especially designed for application to faucets, and is particularly designed for beer-faucets, so as to prevent the entrance of insects and the escape of the settlings of the barrel or keg to which the faucet may be applied. It is furthermore designed to provide such a strainer with improved means for connection with a faucet, so that it may be conveniently applied and removed without requiring any change in the faucet, thereby facilitating the application and removal of the device.

With these and other objects in view the present invention consists in the combination and arrangement of parts, as will be hereinafter more fully described, shown in the accompanying drawings, and particularly pointed out in the appended claims, it being understood that changes in the form, proportion, size, and minor details may be made within the scope of the claims without departing from the spirit or sacrificing any of the advantages of the invention.

In the drawings, Figure 1 is a side elevation of a faucet having the improved strainer applied thereto and partly in section. Fig. 2 is a detail central vertical section of the strainer applied to a faucet. Fig. 3 is a detail perspective view of the body of the device. Fig. 4 is a detail perspective view of the attaching-ring for connecting the device to a faucet.

Corresponding parts are designated by like characters of reference in all of the figures of the drawings.

Referring to the accompanying drawings, 1 designates the body of the strainer, which is preferably in the form of a thimble formed of light sheet metal and having an open upper end and a closed lower end. The walls of this thimble-shaped body flare outwardly from the bottom upwardly, and at the upper edge of the body there is provided an outer marginal bead 2, while immediately below the latter and in diametrically-opposite portions of the thimble there are provided the corresponding slots or perforations 3. In the bottom of the substantially-tubular body there is provided a plurality of perforations 4, which are located centrally thereof, so as to form a strainer, the perforate portion being pressed into the body, so as to form an annular recess 5, extending around the strainer and at the edge of the walls of the body. This recess is designed to form a seat for a suitable packing-ring or washer 6.

The means for connecting the device to a faucet comprises a ring 7 to embrace the body and slightly shorter in diameter than that of the bead 2, so that the latter may rest upon the ring. In diametrically-opposite portions of the ring there are provided the screw-threaded perforations 8, which correspond with the perforations in the thimble, and the opposite screw-fastenings 9 and 10 are fitted in the openings in the ring, so that the shanks of the fastenings are designed to pass through the respective perforations in the thimble and enter the interior thereof.

In the application of the device, as best shown in Figs. 1 and 2, the thimble is slipped upon the mouth of a faucet 11 until the lower edge of the latter rests upon the washer 6 and surrounds the strainer or perforate portion of the bottom of the thimble. The ring is then fitted to the thimble from the smaller lower end thereof and brought up against the rib or bead 2, with the perforations thereof registering with those of the thimble, after which the fastenings are set against the faucet, so as to connect the device thereto. By this arrangement the washer is drawn tightly against the edge about the mouth of the faucet, so as to prevent leakage at this point, and the thimble is prevented from being accidentally turned upon the faucet and can be conveniently applied and removed therefrom by manipulation of the fastenings.

From the foregoing description it will be seen that the present device is composed of few parts, so as to be conveniently applied and cleansed, and there is no change required in the faucet. Also the perforate bottom of the thimble prevents the escape of the set-

tlings of the barrel and also excludes insects from gaining access to the interior of the faucet.

What is claimed is—

1. A strainer for faucets, consisting in a thimble, having an open upper end and a closed lower end, the latter being provided with a plurality of centrally-located perforations forming the strainer, said perforate portion of the bottom being depressed or deflected into the thimble and forming an inner annular packing-ring seat surrounding the strainer.

2 A strainer for faucets, consisting in a tubular body, having a strainer therein, and an outer marginal bead, a ring loosely embracing the thimble, and fastenings passing through the ring and the thimble and also projecting into the interior of the latter.

3. In a strainer for faucets, a thimble, having an open upper end, a closed perforate lower end, and an external bead at the upper edge of the thimble, the latter also having diametrically-opposite perforations adjacent to the bead, a ring detachably embracing the thimble and fitting against the under side of the bead, and provided with screw-threaded perforations registering with the perforations of the thimble, and fastenings having screw-threaded shanks passing through the corresponding perforations and entering the interior of the thimble.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

ALFONSO G. DE WALDO.

Witnesses:
HOMER E. STEWART,
J. L. HERZOG.