(No Model.)

C. M. SYMONDS.

CAN FAUCET.

No. 455,465. Patented July 7, 1891.

Fig. 1.

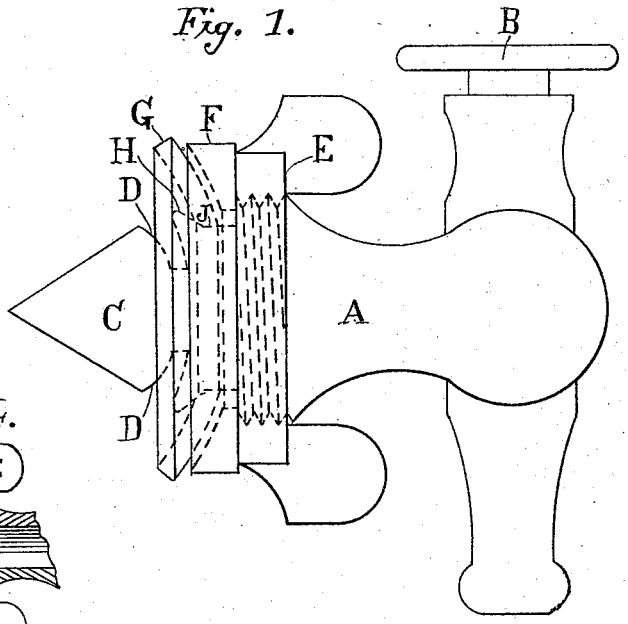


Fig. 4.

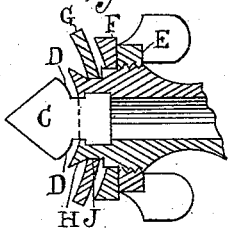


Fig. 2.

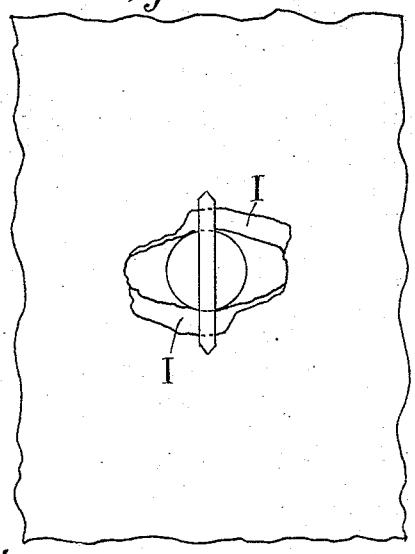
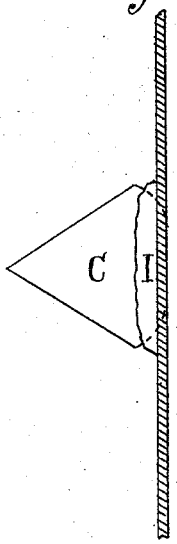


Fig. 3.



Witnesses
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UNITED STATES PATENT OFFICE.

CLARENCE M. SYMONDS, OF SAN FRANCISCO, CALIFORNIA.

CAN-FAUCET.

SPECIFICATION forming part of Letters Patent No. 455,465, dated July 7, 1891.

Application filed October 27, 1890. Serial No. 369,509. (No model.)

To all whom it may concern:

Be it known that I, CLARENCE M. SYMONDS, of the city and county of San Francisco, and State of California, have invented an Improvement in Can-Faucets; and I hereby declare the following to be a full, clear, and exact description thereof.

My invention relates to an improvement in that class of faucets which are placed into cans and similar receptacles containing liquids and are transferred from a can when it is empty to a can which is full; and it consists of a hollow tube, to one end of which is secured a blade and to the other end is a tap of suitable form. Upon the outer surface of said tube is formed a screw-thread, over which are arranged a thumb-nut, washer, and packing-ring, all as hereinafter described.

Referring to the accompanying drawings, Figure 1 is a side elevation. Fig. 2 is a view of the interior of the can with my device in position. Fig. 3 is a sectional view of the can after the blade has penetrated into the interior. Fig. 4 is a sectional view of my device.

A represents a hollow tube having a tap B at one end. At the other end is secured a blade C, which is quite thin and shaped similar to a spear-head, having shoulders D D.

Upon the outer surface of the tube A is formed a screw-thread, whereon is placed a thumb-nut E.

F is a metal washer having one side flat to fit against the thumb-nut E, and the other side is made concave.

G is a packing-ring made of cork or other suitable material. This packing-ring G is slipped on over a beveled shoulder H into a recess J, formed on the end of the tube A.

In operating my device the blade C is pushed through the tin, and in so doing causes a lip I, Fig. 3, to be formed upon each side of the blade. The device is then given a quarter-turn, and the shoulders D D press down the lips I I, Fig. 2, thus forming a double thickness for the blade C to be drawn against, and thereby preventing the blade from being torn out. The thumb-nut E is then turned against the metal washer F, which in turn presses upon the cork packing-ring G, thereby fastening the shoulders D D against the inner surface of the can, and also pressing the cork packing-ring G against the outer surface of the can, and owing to the metal washer F being concaved it at the same time presses the cork-packing ring G against the beveled shoulder H, forming a perfectly-tight joint.

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

A can-faucet consisting of a tube having a recess J and beveled shoulder H, in combination with a blade, a cork packing-ring fitting said recess, a metal washer bearing against the packing-ring, and a thumb-nut, substantially as described, and for the purpose specified.

In witness whereof I hereunto set my hand.

CLARENCE M. SYMONDS.

Witnesses:

FRANK A. BROOKS,

THOMAS JONES.