

(No Model.)

G. J. RECORD.

CAN TOP.

No. 419,794.

Patented Jan. 21, 1890.

Fig. 1.

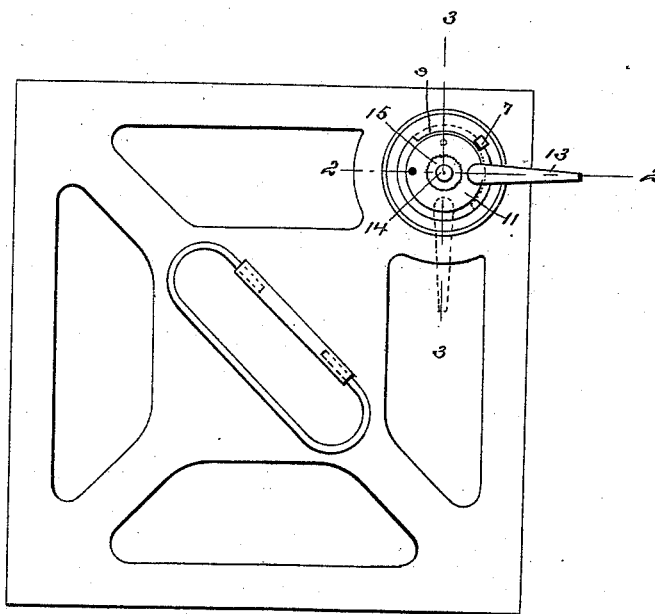


Fig. 2.

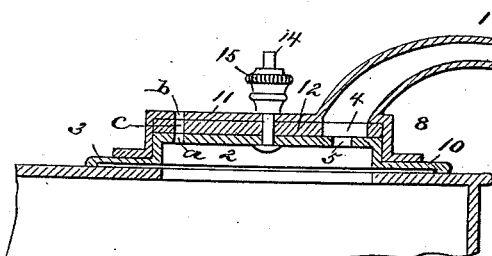
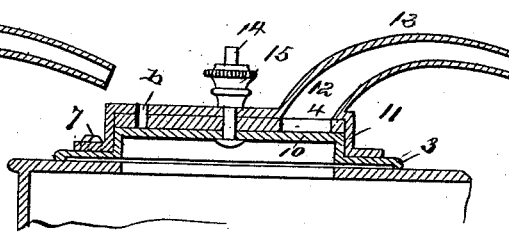


Fig. 3.



WITNESSES:

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UNITED STATES PATENT OFFICE.

GEORGE J. RECORD, OF CONNEAUT, OHIO.

CAN-TOP.

SPECIFICATION forming part of Letters Patent No. 419,794, dated January 21, 1890.

Application filed September 21, 1889. Serial No. 324,657. (No model.)

To all whom it may concern:

Be it known that I, GEORGE J. RECORD, of Conneaut, in the county of Ashtabula and State of Ohio, have invented a new and Improved Can-Top, of which the following is a full, clear, and exact description.

My invention relates to improvements in can-tops; and it consists in the particular construction and arrangement of parts as hereinafter fully described, and pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters and figures of reference indicate corresponding parts in all the figures.

Figure 1 is a plan view of a can, representing the same as it appears when provided with my improved cap, the parts being represented in full lines as they appear when in the discharging position, and in dotted lines as they appear when in the closed position. Fig. 2 is an enlarged cross-sectional view on the line 2 2 of Fig. 1, the parts being in the discharging position; and Fig. 3 is a similar view on the line 3 3 of Fig. 1, the parts being in the closed position.

In the drawings, 10 represents the can-cap proper, which is formed with an upwardly-extending dome 2, beyond which there is a flange 3, that is arranged to be soldered to the can-body in the ordinary manner. Upon the cap 10 there is fitted a spout carrying cap 11, which cap carries a packing-ring 12, that is apertured at 4, the aperture 4 registering with the bore of the spout 13, as shown in Fig. 2. The caps 10 and 11 are connected, preferably, by a bolt 14, that is soldered to the cap 10 and extends upward through apertures in the packing 12 and the top of the cap 11, there to be engaged by a thumb or binding nut 15, as is clearly shown in Figs. 1, 2, and 3.

The cap 10 is formed with a discharge-aperture 5 and with a stop 7, while the rim 8 of the cap 11 is formed with a cut-away section 9, the arrangement being such that the cap 11 may be moved to the position indicated by dotted lines in Fig. 1 and shown in full lines in Fig. 3, in which position the communication between the discharge-aperture 5 and the spout-bore will be cut off; or the cap 11

may be turned to the position in which it is shown in full lines in Figs. 1 and 2, thus bringing the discharge-aperture 5 into register with the packing-aperture 4, and consequently into register with the bore of the spout.

Although not positively necessary, I prefer to form the cap 10 with a vent-aperture *a*, and to form registering vent-apertures *b* and *c* in the cap 11 and packing 12, said apertures being so located that when the cap 11 is turned to the position in which it is shown in Fig. 2 the apertures *b* and *c* will register with the aperture *a*, but when the cap 11 is turned to close the discharge-aperture 5 the vent-apertures will be out of register.

By providing a binding-nut 15, I am enabled to take up any wear which the continuous turning of the spout-carrying cap may bring about.

It will be noticed that the aperture 5 is exceedingly small, and hence after the contents of the can have been discharged it will be extremely difficult to fill the can through the aperture, and consequently the refilling of the can could only be brought about successfully by removing the cap 10 from the body of the can.

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

1. The combination, with a can-cap provided with an apertured dome, of a spout-carrying cap fitted to turn on the dome of the can-cap, an apertured packing between the caps, a bolt secured to the can-cap and projecting through the packing and spout-cap, and a thumb-nut on the bolt, substantially as herein shown and described.

2. The combination, with the can-cap 10, provided with the dome 2, having the apertures *a* and 5, of the cap 11, fitting on the can-cap and provided with the aperture *b* and spout 13, the packing 12 between the caps, and provided with the apertures *c* and 4, the bolt 14, secured to the under side of the cap 10, and the thumb-nut 15 on the bolt, substantially as herein shown and described.

GEORGE J. RECORD.

Witnesses:

Z. H. THOMPSON,
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