

A. L. GLAENTZER.
FAUCET.

APPLICATION FILED AUG. 31, 1910.

1,051,100.

Patented Jan. 21, 1913.

Fig. 1.

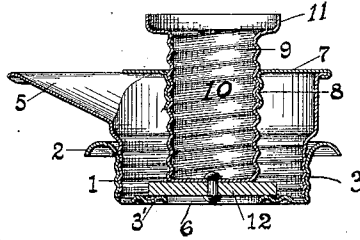


Fig. 2.

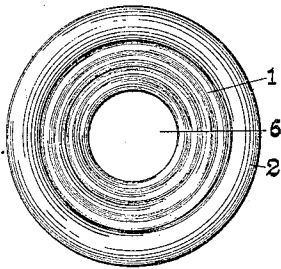


Fig. 3.

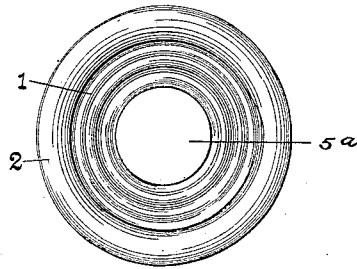


Fig. 4.

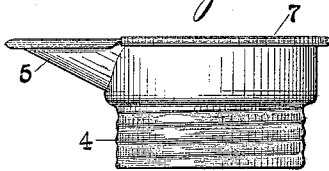


Fig. 5.

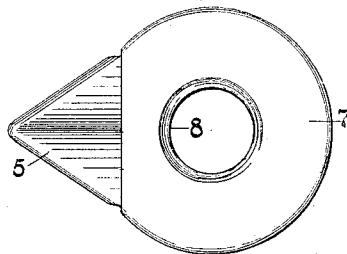


Fig. 6.

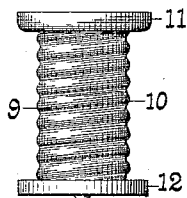
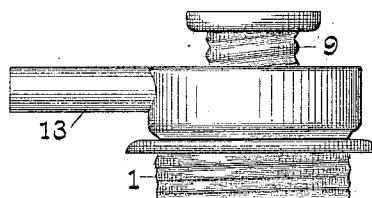


Fig. 7.



Witnesses:
F. P. Prindle.
A. Newcomb.

Inventor,
Adolph L. Glaentzer
by Prindle Knight
attys

UNITED STATES PATENT OFFICE.

ADOLPH L. GLAENTZER, OF NEW YORK, N. Y.

FAUCET.

1,051,100.

Specification of Letters Patent.

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Application filed August 31, 1910. Serial No. 579,935.

To all whom it may concern:

Be it known that I, ADOLPH L. GLAENTZER, of New York, in the county of New York, and in the State of New York, have invented a certain new and useful Improvement in Faucets, and do hereby declare that the following is a full, clear, and exact description thereof.

My invention relates particularly to faucets designed to be used upon oil cans, or other cans of a similar nature used for dispensing liquids.

The object of my invention is to provide a faucet of the above description, which may be used both for dispensing liquids, and also for filling the can carrying the faucet.

A further object of my invention is to so arrange the valve carried by the faucet as to prevent its being detached or lost.

My invention is especially applicable to faucets designed to be used for dispensing heavy liquids, such as heavy oils, but it may also be applied, if desired, to dispensing liquids of any other character.

I have shown certain forms of my invention in the accompanying drawings, in which—

Figure 1 is a vertical section of one form of my invention; Fig. 2 is a plan view of one form of cap used in connection with the same; Fig. 3 is a plan view of a similar cap with the central portion closed for shipping purposes; Fig. 4 is an elevation of the lip-carrying member; Fig. 5 is a plan view of the lip-carrying member with the cover plate attached; Fig. 6 is an elevation of the valve; and Fig. 7 is an elevation of another embodiment, constructed in the same manner as the form already described, except that a spout is substituted for the lip.

In the form of my invention shown in Figs. 1 to 6, 1 is a screw-threaded cap having a flange 2, designed to be attached to a dispensing can, such as an oil can, by soldering or otherwise, a depending screw-threaded portion 3 and a bottom portion 3'. The screw-threaded portion 3 is designed to receive a cylindrical attachment 4 having a similar screw thread, to which is attached a lip 5 for dispensing the liquid. The cap 1 may be provided with a central opening 6 in its bottom 3', as shown in Fig. 2. The opening 6 may be closed by plate 5^a soldered to the bottom 3' as shown in Fig. 3, as when it is desired to provide the faucets

upon cans which are to be shipped while filled. A cover plate 7 is crimped over the edge of the cylinder 4, the plate 7 having a depending screw-threaded cylindrical extension 8 to receive a screw-threaded barrel 9 of a valve 10. The valve 10 is provided with a knurled head 11 and a leather washer 12, having a greater diameter than the barrel 9, the washer 12 being riveted to the bottom of the part 9, as shown in Figs. 1 and 6.

The modification shown in Fig. 7 is constructed in exactly the same manner, except that instead of being provided with a lip 5, it is provided with a spout 13. The form shown in Figs. 1 to 6 is especially applicable for dispensing heavy liquids, such as heavy oils, while the form shown in Fig. 7 is better adapted for dispensing liquids having a lower specific gravity.

In the operation of the device, the flange 2 of the cap 1 is soldered or secured in any desired manner to the top of a can for dispensing liquids. In case the device is to be used upon cans already filled and to be shipped, the cap 1 is provided with a closed bottom, as shown in Fig. 3, to prevent any possible escape of the liquid, and subsequently, upon the receipt of the can, the bottom is cut out so as to produce an opening 6, as shown in Fig. 2. Where, however, the faucets are to be used upon cans which are not to be shipped while filled, the form of cap shown in Fig. 2 is used. When the faucet is not in use, the washer 12 is screwed down tightly upon the bottom portion of the cap 1 surrounding the opening 6, thereby making a tight joint, and preventing any possible escape of the liquid. When it is desired to pour some of the liquid out, the knurled head 11 is operated to remove the washer 12 from the opening 6, whereupon the liquid can be readily made to flow from the lip 5 by tilting the can. When the pouring operation is completed, the valve is closed in a similar manner. When it is desired to refill the can, it is merely necessary to unscrew the cylinder 4, when the cap 1 may be used as a funnel, the liquid passing through the opening 6 into the interior of the can. Upon inserting the cylinder 4 again into the cap 1 and closing the opening 6 by screwing down the knurled head 11, the can is again tightly closed so as to prevent any possible spilling or evaporation.

While I have described my invention above in detail, I wish it to be understood

that many changes may be made therein without departing from the spirit thereof.

I claim:

In a faucet, a cap having a screw thread,
5 a member made of sheet metal screw-threaded into said cap and having a spout for dispensing liquids, a sheet metal cover for said member, but leaving the spout uncovered, said cover having a depending
10 screw-threaded extension of sheet metal, a sheet metal valve screw-threaded into said

depending extension, said valve having its lower end closed and having a washer secured to the closed end of the valve and of larger size than the screw-threaded extension, by means of a rivet. 15

In testimony that I claim the foregoing I have hereunto set my hand.

ADOLPH L. GLAENTZER.

Witnesses:

ARCHIBALD L. VAN NESS,
M. LOBEL.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."