(No Model.)

J. S. McGUIRE.

OIL CAP FAUCET.

No. 301,620. Patented July 8, 1884.

fig. 1.

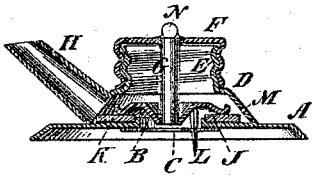


fig. 5.

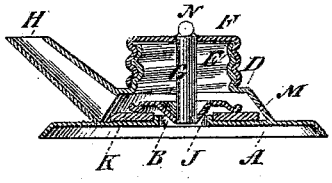


fig. 2.

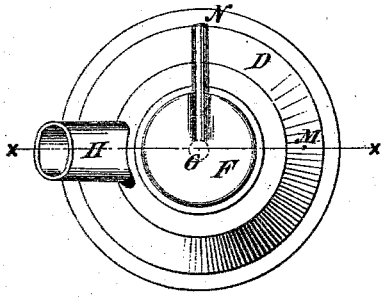


fig. 6.

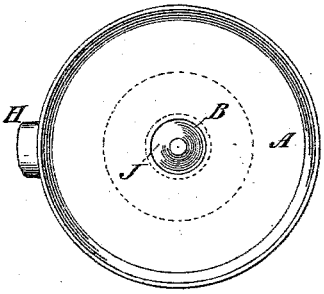


fig. 3.

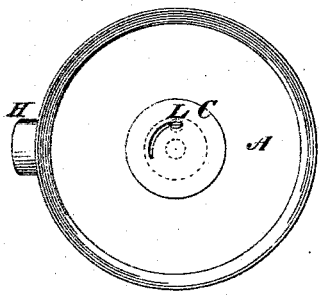
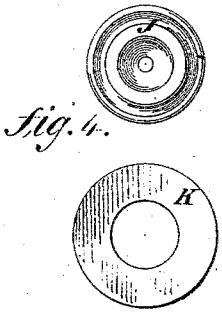


fig. 4.



WITNESSES:

Gustave Dittrich

C. Sedgwick

INVENTOR:

J. S. McGuire

BY Munn & Co

ATTORNEYS.

UNITED STATES PATENT OFFICE.

JOHN SILVESTER McGUIRE, OF CENTREVILLE, NEW JERSEY.

OIL-CAP FAUCET.

SPECIFICATION forming part of Letters Patent No. 301,620, dated July 8, 1884.

Application filed March 14, 1884. (No model.)

To all whom it may concern:

Be it known that I, JOHN S. McGUIRE, of Centreville, in the county of Hudson and State of New Jersey, have invented a new and Improved Oil-Cap Faucet, of which the following is a full, clear, and exact description.

The object of my invention is to provide a new and improved oil-cap for closing the spouts of oil-cans, which cap serves also as a faucet.

The invention consists in the combination, with a screw-neck, of a spout, an apertured plate, a washer on said apertured plate, a screw-cap, and a valve-plate connected with said screw-cap.

The invention also consists in the combination, with the said valve, of a downwardly-projecting knife or prong for cutting out a piece of sheet-tin, which closes the outlet-opening in the can until the first oil is drawn.

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

Figure 1 is a longitudinal sectional elevation of my improved oil-cup faucet on the line *x x*, Fig. 2. Fig. 2 is a plan view of the same. Fig. 3 is a plan view of the under side of the same, showing the knife in the act of cutting the plate that closes the outlet-opening of the can. Fig. 4 is a plan view of the valve and washer plates. Fig. 5 is a longitudinal sectional elevation of a modification of the oil-cup faucet, and Fig. 6 is a plan view of the under side of the same.

A metal plate, A, having a central aperture, B, has the rim of the aperture bent upward, and the outer rim of the plate is bent downward, which plate is secured on the top of the oil-can, and over the outlet-opening in the same. The aperture B in the plate A is closed by a thin sheet of tin, C, soldered on the under side of the plate A. On the upper surface of the plate A a cap, D, is soldered, which is provided with an upwardly-projecting screw-neck, E, on which a screw-cap, F, can be screwed. A rod, G, projects downwardly from the middle of the cap F, and on its lower end a valve-plate, J, is secured, the middle part of which is pressed down, so as to form a bead along the rim of the valve-plate. A flat washer-ring, K, made of rubber, pasteboard, or other suitable packing material, rests upon the upper surface of the plate A, and surrounds the aperture B. A spout, H, projects upward at an inclination from the cap D. From the under side of the valve-plate J a pointed and sharp-edged wire or knife, L, projects downward. The cap D is provided with an air-vent, M, and the screw-cap F is provided with a projecting handle-wire, N.

If desired, the knife L and the tin plate C can be dispensed with, as shown in Figs. 5 and 6.

The operation is as follows: When the can is filled and has not been tapped, the screw-cap F is raised, the opening B being closed by the piece of tin C. If the can is to be tapped, the cap F is screwed down, causing the knife L to pierce the sheet-tin piece C, and by the further turning of the cap F the knife cuts out this piece of sheet-tin. By screwing down the cap F the rim of the valve-plate J is pressed on the washer-ring K, and the opening B is again closed. If oil is to be drawn from the can, the screw-cap F is unscrewed, whereby the valve-plate J is raised, permitting the oil to flow through the aperture B and the spout H, and if the aperture B is to be closed the cap F is screwed down. The cap F cannot be removed entirely from the neck E, as the valve-plate J strikes against the bottom of the neck E after the cap F has been raised a short distance. The can is closed hermetically by the piece C of sheet-tin until the first quantity of oil is drawn from the can.

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

1. The combination, with the screw-neck E, of a spout, the plate A, the washer K, the screw-cap F, and the valve-plate J, connected with the said cap F, substantially as herein shown and described.

2. The combination, with an apertured plate having a plate secured to its under side below the aperture, and a screw-neck, of a spout, a screw-cap, a valve-plate held to the screw-cap and below it, and a knife or prong projecting

downward from the said valve-plate, substantially as herein shown and described.

3. The combination, with a screw-neck, of a spout, the plate A, on which it is held, the tin plate C on the plate A, the screw-cap F, the valve-plate J, connected with the same, and of the prong or knife L, projecting downward from the said valve, substantially as herein shown and described.

JOHN SILVESTER McGUIRE.

Witnesses:
JOHN J. MARONEY,
JAMES H. MARONEY.