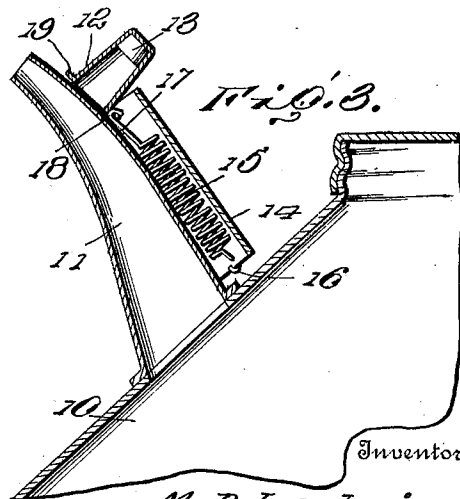
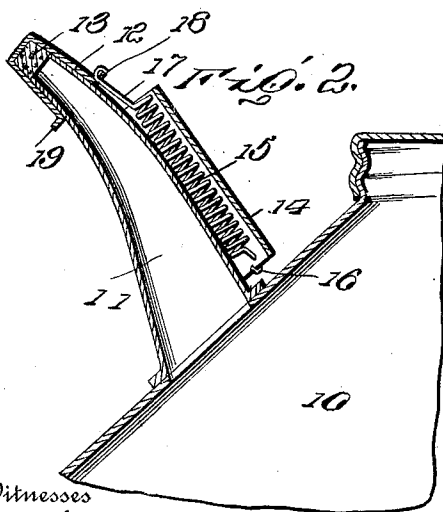
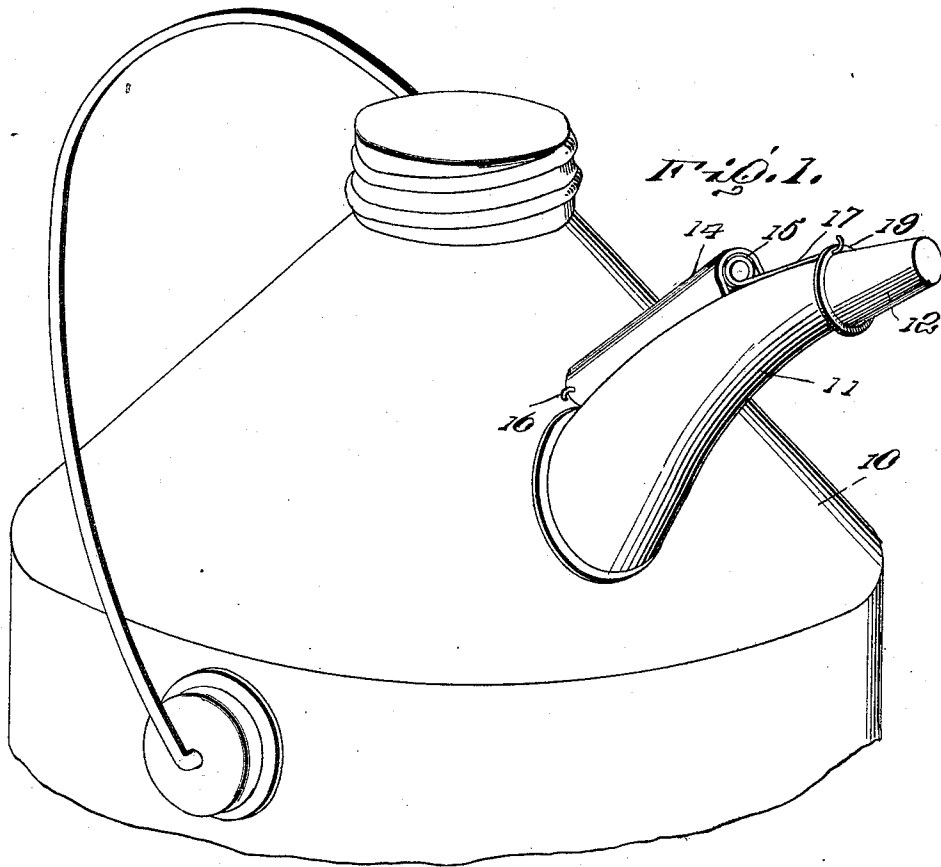


M. B. LUCHSINGER.
CLOSURE FOR OIL CANS.
APPLICATION FILED JUNE 14, 1910.

994,943.

Patented June 13, 1911.



Witnesses
W. H. Woodson.

James M. Fallon.

Inventor

M. B. Luchsinger

By

W. A. Macay, Attorneys

UNITED STATES PATENT OFFICE.

MATHIAS B. LUCHSINGER, OF MINNEAPOLIS, MINNESOTA.

CLOSURE FOR OIL-CANS.

994,943.

Specification of Letters Patent. Patented June 13, 1911.

Application filed June 14, 1910. Serial No. 566,879.

To all whom it may concern:

Be it known that I, MATHIAS B. LUCHSINGER, a citizen of the United States, residing at Minneapolis, in the county of Hennepin and State of Minnesota, have invented certain new and useful Improvements in Closures for Oil-Cans, of which the following is a specification.

This invention relates to closures for liquid containing cans, and has particular reference to an attachment for the spout of the can.

An object of this invention is to provide a can spout with a detachable cap suitably formed for sealing the open end of the spout and with a yieldable holding means arranged on the side of the spout and connected to the cap to hold the cap tightly on the end of the spout.

Another object of this invention is to provide a spout with a cap and a spring connecting the cap to the spout, and to form a housing on the side of the spout to shield the spring whether the cap engages over the end of the spout or is detached.

For a full understanding of the invention reference is to be had to the following description and accompanying drawing, in which:—

Figure 1 is a perspective view of the upper end of a can having the improved closure applied thereto. Fig. 2 is a detail sectional view through the same showing the cap in a closed position. Fig. 3 is a similar view disclosing the cap removed from the end of the spout.

Corresponding and like parts are referred to in the following description and indicated in all the views of the accompanying drawing by the same reference characters.

Referring to the drawing the numeral 10 designates an oil can of any approved form which is provided in the usual manner with a projecting beak or spout 11. The spout 11 tapers outwardly in the usual manner and is provided upon its outer end with a detachable cap 12. The cap 12 is of corresponding form to snugly engage over the

extremity of the spout 11 and carries a sealing pad 13 seated against the extremity of the spout to prevent the passage of air or liquid therethrough. The pad 13 is carried within the reduced inner end of the cap 12 and is formed preferably from cork.

At one side of the spout 11, preferably the upper side, as is disclosed in the drawing, a housing 14 is disposed. The housing 14 comprises a sheet of metal which is bent longitudinally into U-form and secured along its free edges against the outer face of the spout 11. A spring 15 is disposed within the housing 14 and terminates at its inner end in a hook 16 engaging through a corresponding opening upon the inner end of the housing 14. The outer end of the spring 15 terminates in an arm 17 extending longitudinally from the spring and terminating in a hook 18. The hook 18 engages through an opening formed in the rim 19 of the cap 12. The arm 17 is of such length that the spring 15 is wholly inclosed within the housing 14 when the cap 12 is seated over the outer extremity of the spout 11. This position is disclosed in Figs. 1 and 2 of the drawing.

In Fig. 3 of the drawing the cap 12 is disclosed as removed from the spout 11 while the spring 15 is retracted within the housing 14 and draws the arm 17 inwardly to hold the cap 12 against the upper end of the housing 14 and out of the way. In this manner the contents of the can 10 may be poured from the spout 11 without the necessity of holding the cap 12 out of the way.

A closure of this nature is designed for application to cans of common form so as to produce a device which may be economically manufactured and which is practical both in application and use.

Having thus described the invention what is claimed as new is:—

A closure for oil cans including a spout, a cap detachably engaging over the spout, a housing of substantially U-cross-section carried against the upper side of the spout and terminating at a point adjacent to the

outer extremity of the spout, and a retractile spring arranged in the housing and having a hook upon its inner end engaging through the side of the housing, the spring
5 terminating at its forward end in an outwardly extending arm provided with a hook upon its end engaging with the cap, the arm being of such length that the spring is com-

pletely incased within the housing upon the seating of the cap upon the spout. 10

In testimony whereof, I affix my signature in presence of two witnesses.

MATHIAS B. LUCHSINGER. [L. s.]

Witnesses:

E. R. LYNCH,
L. M. GAGNON.

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