A. E. MOSSBERG.

SPRING ATTACHMENT FOR OIL CANS.

APPLICATION FILED SEPT. 7, 1911.

1,038,181. **Patented Sept. 10, 1912.**

FIG. 1

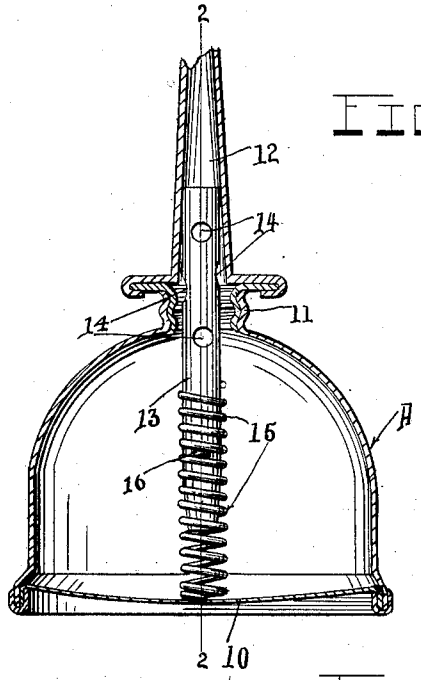


FIG. 3

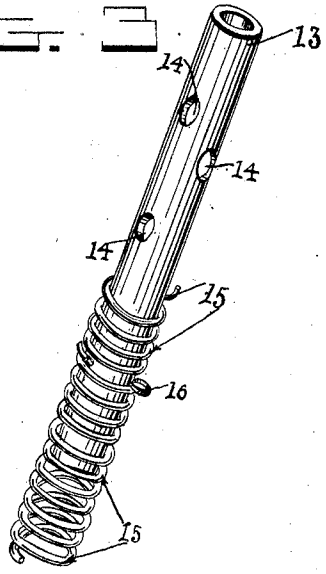
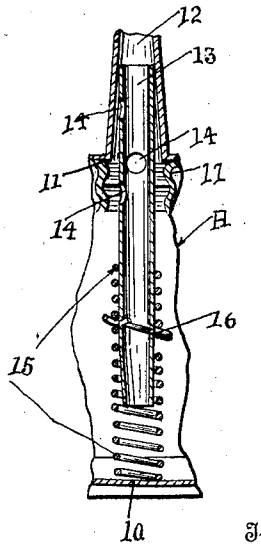


FIG. 2



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SPRING ATTACHMENT FOR OIL-CANS.

1,038,181. Specification of Letters Patent. Patented Sept. 10, 1912.

Application filed September 7, 1911. Serial No. 648,218.

To all whom it may concern:

Be it known that I, AXEL E. MOSSBERG, a citizen of the United States, residing at Westpoint, in the county of Cuming, State of Nebraska, have invented certain new and useful Improvements in Spring Attachments for Oil-Cans; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to oil cans and particularly those of the compressible bottom type.

The object of the invention resides in the provision of an oil can of the character named which includes a spring attachment for controlling the compressibility of the bottom thereof, and in providing means whereby said spring attachment may be adjusted so as to vary the force necessary to effect the compression of the bottom of the can.

With the above and other objects in view, the invention consists in the details of construction and in the arrangement and combination of parts to be hereinafter more fully described and particularly pointed out in the appended claim.

In describing the invention in detail, reference will be had to the accompanying drawings wherein like characters of reference denote corresponding parts in the several views, and in which—

Figure 1 is a vertical section of an oil can equipped with the invention, the attachment being shown in elevation. Fig. 2, a fragmental section on the line 2—2 of Fig. 1, and Fig. 3, a detail perspective view of the attachment.

Referring to the drawing, A indicates the body of an oil can which may be of any desired shape. This body is provided with a compressible bottom 10 and a threaded tubular projection 11 at its upper end. Removably mounted in the threaded tubular projection 11 is a tapering discharge spout 12.

The attachment, which constitutes particularly the subject matter of this application, comprises a tube 13 having its upper end removably disposed in the lower end of the discharge spout 12 and provided with openings 14 through which oil may pass from the interior of the can A to the discharge spout 12. Having its upper end encircling the lower end of the tube 13 and its lower end engaging the bottom 10 is a coil spring 15 which affords the necessary resiliency for normally maintaining the bottom 10 in expanded position. Passing transversely through the lower end of the tube 13 and projecting at each end beyond the side face of said tube is a pin 16. This pin also projects between the coils of the spring 15 so that the rotation of the spring 15 will cause same to move upon and off of the tube 13. By this operation it will be apparent that the spring 15 may be adjusted to bear with greater or less force upon the bottom 10.

It will be noted that one end of the tube 13 projects a considerable distance exteriorly of the body A and that certain of the openings 14 are located in this exteriorly disposed portion of the tube. By this construction it will be apparent that upon removal of the spout 12 a nail can be inserted in one of the openings 14 for the purpose of effecting the rotation of the tube relatively to the spring.

What is claimed is:

The combination with an oil can including a body having a flexible bottom adapted to be depressed to effect the discharge of oil from the can, said body having a threaded opening therein, a discharge spout having one end removably mounted in said opening, a perforated tube extending through said opening with one end disposed exteriorly of the body in the bore of the spout and engaging the inner walls thereof, and the other end disposed within the body, a spring encircling the end of the tube within the body and bearing against the bottom thereof, a pin extending transversely through the tube and disposed between the coils of said spring whereby the rotation of the tube relatively to the spring will move the latter longitudinally of the tube and vary the tension of the spring against the bottom of the body.

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

AXEL E. MOSSBERG.

Witnesses:
C. W. ACKERMAN,
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