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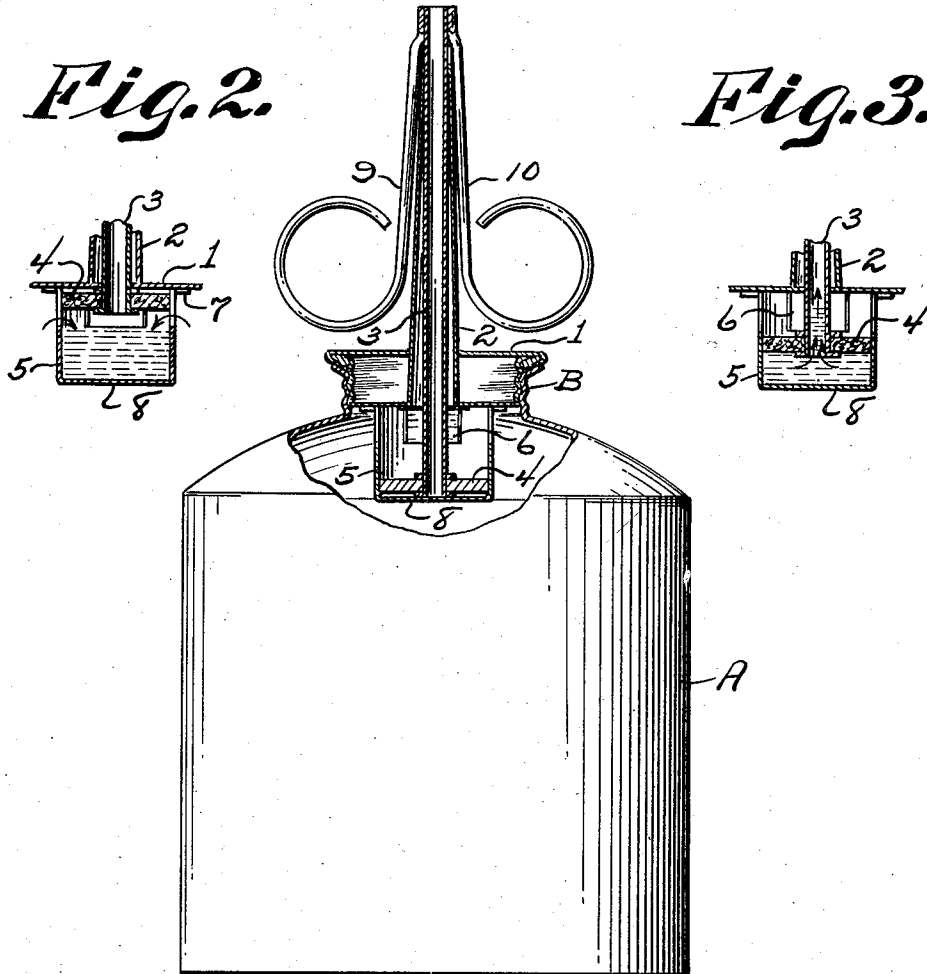
CAN SPOUT

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Fig. 1.

Fig. 2.

Fig. 3.



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CAN SPOUT.

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This invention relates to lubricators and its primary object is to provide a spout for an oil can or the like which includes a force feed mechanism for expeditiously ejecting the contents of the can regardless of the position in which the can is held.

Another object of the invention is to provide a spout for a can that will materially prevent the waste of the contents of the latter.

A further object of the invention is to provide an oil can spout that includes a force feed mechanism that can be easily and quickly operated for ejecting the contents of the can in a like manner.

This invention also consists in certain other features of construction and in the combination and arrangement of the several parts, to be hereinafter fully described, illustrated in the accompanying drawings and specifically pointed out in the appended claim.

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

Figure 1 is a fragmentary sectional view of an oil can of the usual construction and showing my novel spout in cross section.

Figure 2 is a sectional view of the force feed mechanism of the spout, in normal position and with a part thereof filled from the can.

Figure 3 is a similar view showing the mechanism in operation.

Referring to the drawings in detail the letter A indicates an oil can of the usual construction and B its neck.

The spout which includes the subject matter of the present invention comprises a cap 1 threadedly secured in the neck B as clearly shown in Figure 1, and rising from the cap 1 is a casing 2 which is generally used for the spout of a can of the usual construction but in the present invention it acts as a casing for receiving the pipe 3 which is mounted for reciprocation therein as suggested in Figure 1 of the drawings. The pipe 3 is of uniform diameter in its length and has fixed to its lower end a plunger 4 received in a receptacle 5 of circular formation with rectangular openings 6 arranged in its side walls adjacent its upper end which is fixed to the bottom of the cap 1 and is provided

with a right angle outwardly disposed annular flange 7 so as to have an adequate securing space for the casing. The casing 5 is provided with a bottom 8 and it will be obvious that the casing acts as a reservoir for receiving some of the contents of the can through the medium of the openings 6 when the can is inverted for that purpose.

The pipe 3 extends above the casing 2 and secured upon diametrically opposite sides of the projecting upper end of the pipe 3 are finger members 9 and 10 which as shown converge downwardly in parallelism with the casing 2 and have their lower ends curved upon themselves to provide ring like terminals to accommodate the fingers of the user of the can as will be apparent.

The operation of ejecting the oil from the can having my novel spout associated therewith may be described as follows: The plunger 4 is moved to its uppermost position as shown in Figure 2 through the instrumentality of the finger members 9 and 10, the can is then inverted so that the casing will be filled from the can up to the bottom of the openings 6, and then downward pressure upon the plunger will cause the contents of the casing to be ejected up through the pipe and out of the latter. By this construction, the can can be held in an upright position as shown in Figure 1 and the contents of the receptacle 5 will be dispensed, with the result that no difficulty will be experienced in oiling inaccessible places, and the oil can be dispensed from the can regardless of its consistency.

It is thought from the foregoing description that the advantages and novel features of my invention will be readily apparent.

I desire it to be understood that I may make changes in the construction and in the combination and arrangement of the several parts, provided that such changes fall within the scope of the appended claim.

What I claim is:

In a device of the class described, the combination with a fluid receiving can having a threaded neck, of a cap for said can and adapted to be secured to said neck, a casing secured to said cap and rising therefrom, a receptacle provided with rectangular shaped openings arranged in the side walls adjacent its upper end, an annular flange secured to and extending outwardly at right angles from the top of said receptacle and secur-

ing the same in a depending relation to the bottom of said cap, a pipe mounted for reciprocation in said casing and having its upper end projecting above the same, a
5 plunger secured to the lower end of said pipe and mounted for movement in said receptacle, and handle members secured to and depending from the projecting upper end of said pipe and terminating into ring like terminals to provide finger receiving portions 10 whereby the pipe may be reciprocated for ejecting the contents of the receptacle.

In testimony whereof I affix my signature.

GEORGE W. LANG.