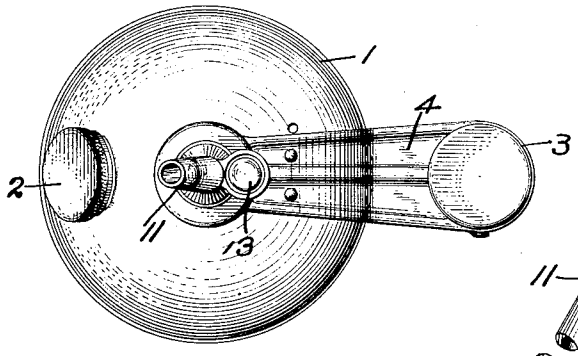
Sept. 4, 1923. 1,466,677

A. SUNDH

CAN

Filed Jan. 7, 1920

Fig. 2.



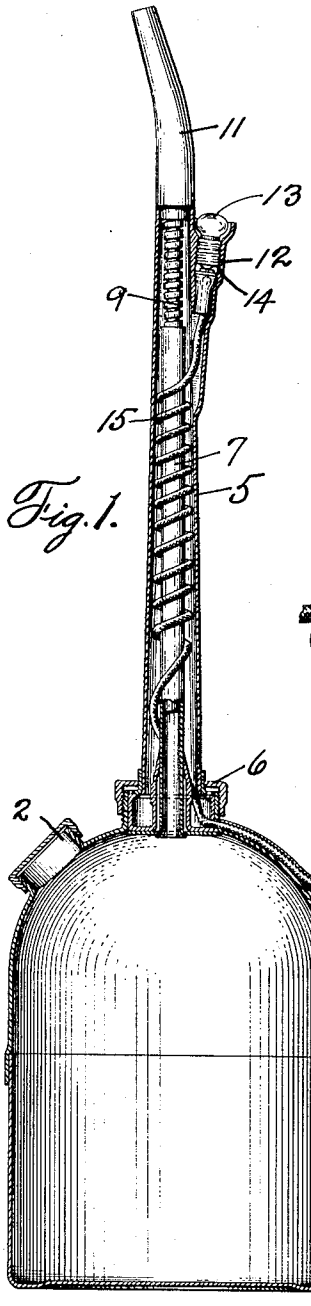
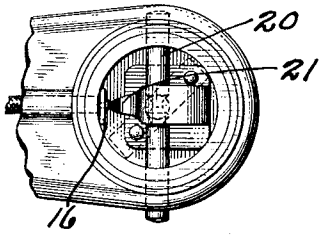
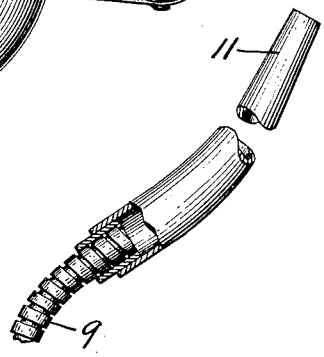


Fig. 1.

Fig. 4.





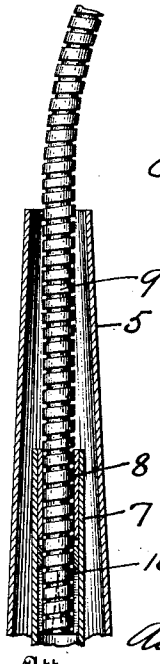


Fig. 3.

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Patented Sept. 4, 1923. 1,466,677

UNITED STATES PATENT OFFICE.

AUGUST SUNDH, OF HASTINGS-ON-HUDSON, NEW YORK.

CAN.

Application filed January 7, 1920. Serial No. 349,934.

To all whom it may concern:

Be it known that I, AUGUST SUNDH, a citizen of the United States, and a resident of Hastings-on-Hudson, Westchester County, State of New York, have invented certain new and useful Improvements in Cans, of which the following is a specification.

My invention relates to an improvement in oil cans and an object thereof is the provision of a can having incorporated therein a light whereby the discharge outlet of the can, as well as the article being lubricated, may be illuminated.

A further object of the invention is to provide an oil can of the character designated wherein the discharge outlet is adjustable, that is to say, wherein the spout of the can may be lengthened and shortened, as desired, means having been provided, however, whereby the discharge outlet of the can may be illuminated at all times.

A further object of the invention is to provide an oil can of the character designated wherein a part at least of the spout is flexible so that not only may the spout be lengthened and shortened as desired, and illuminated but may be bent in any desired shape.

A further object of the invention is to provide an oil can of the character designated wherein the switch for controlling the illumination of the discharge outlet is always accessible, and operable by the same hand in which the oil can is carried while in use.

A still further object of the invention is to provide an oil can having means for illuminating the discharge outlet thereof, as well as more or less illuminating the object being lubricated, wherein the source of energy for the lamp or electric light bulb is carried within the handle of the oil can, which handle is also provided with a switch within reach of the hand of the operator as he carries the can for controlling the supply of energy from the battery to the can.

An oil can such as designated above, is adapted for use in all situations where oil cans are now used and is particularly useful in oiling parts ordinarily more or less inaccessible and where at the present time a torch or light of some kind must be carried by the operator in order to enable him to see whether or not the lubricant is reaching the parts desired, as well as to determine whether or not such parts are sufficiently lubricated, and whether or not the oil is flowing freely from the can.

In the accompanying drawings,—

Fig. 1 shows in sectional elevation an oil can embodying my invention;

Fig. 2 is a plan view thereof;

Fig. 3 is a sectional view of the spout of the can of Fig. 1; and

Fig. 4 is a plan view of the handle of the can showing the switch for controlling the circuit of a light bulb mounted on the can.

Referring to the drawings in detail, 1 designates the body of an oil can, said can having a filling opening 2 and a hollow handle 3, one end of the handle 3 being connected to the can by means of a metal tube 4. The spout of the can comprises a metal tube 5 connected to the can in any suitable manner, as by a screw threaded cap 6, the pipe 5 carrying within the same a metal tube 7 provided on the interior thereof with stop mechanism 8 (see Fig. 3) and the pipe 5 being rotatable relatively to the tube 7. Mounted within the tube 7 is a flexible, fluid-tight metallic tube 9, the lower end of this tube carrying a stop member 10 adapted to cooperate with the stop member 8 in the tube 7, the lower end of the tube 7 communicating with the interior of the can while the outer end of the flexible tube 9 affords a discharge opening for the can. This outer end of the flexible tube is provided with a bent tip 11 constituting a discharge outlet and adapted, together with the flexible tube 9, to be rotated relatively to either the tube 7 or the pipe 5.

From this construction it will be seen that the can may be operated with the parts making up the spout in the position shown in Fig. 1 or if desired, to lengthen the spout, the tube 9 and the tip 11 may be moved longitudinally of the pipe 5 to the position shown in Fig. 3 and then also, if desired the tube 9 may be bent to any desired shape.

The pipe 5 near the upper end thereof, is provided with an offset portion 12 having an opening therein for the reception of an electric light bulb 13. As the pipe 5 carrying the light 13 is rotatable relatively to the tube 7, it will be apparent that the position of the bulb relative to the tip 11 may be varied as desired so as to avoid the casting of the shadow of the pipe or the tip

upon the parts being lubricated, which would defeat the purpose of my invention. The socket 14 in the offset portion 12 has connected to it a flexible conductor 15 which loosely surrounds the tube 7 and finally passes downwardly through the tube 4 by which the handle 3 is connected to the can where it is secured to a contact 16 provided in the upper part of the handle 3. The conductor mentioned is long enough and sufficiently flexible to permit the bulb 13 to be adjusted as desired relatively to the outlet 11. The handle 3 contains a dry battery 17 grounded on the handle through the medium of a spring 18 and a cap 19 on the lower part of the handle, the spring 18 functioning also, as will be obvious, to hold the battery 17 firmly in place in the handle.

Immediately above the top of the battery is a switch mechanism illustrated in Fig. 4 and also in section in Fig. 1, this switch mechanism being provided for the purpose of controlling the supply of energy from the battery 17 to the bulb 13. This switch mechanism comprises an operating bar 20 adapted to move a flexible contact 21 into and out of engagement with the contact 16 to close and open the circuit of the bulb 13.

From the foregoing it will be seen that I have provided an oil can in which is incorporated illuminating means whereby the discharge outlet of the can is adapted to be illuminated; also an oil can wherein, in use, the parts being lubricated are also illuminated, the circuit of the illuminating means being controlled from a convenient location on the can.

It will be obvious also that I have provided an oil can wherein the spout or discharge outlet may be lengthened and shortened as desired and also bent to any desired form for the purpose of obtaining access to the parts to be lubricated, the illuminating means being operable at all times for the purposes set forth.

What I claim as new is:

1. A can, a hollow handle therefor, a battery within said handle, a spout having an adjustable tip, a tube surrounding said spout, an electric light bulb mounted on said tube, and flexible conductors leading from said bulb through said tube to said battery.

2. A can, a hollow handle therefor, a battery within said handle, a tube carried by the can, an extensible, flexible spout within said tube, an electric light bulb carried by said tube, flexible conductors extending from said bulb through said tube to said battery, and an adjustable tip carried by said spout, said bulb and tip being adjustable relatively to each other.

3. In combination, an oil can, a battery carried thereby, an electric light bulb receiving its energy from said battery, a spout for the can consisting of a telescopic pipe of which one section is flexible and rotatable, a curved tip for said spout adjustable by reason of said flexible section relatively to the can, and an independent rotatable enclosure for sustaining said bulb and adjustable to set the bulb so as to throw the light therefrom on the adjustable curved tip at all times.

4. In combination, an oil can, a battery enclosed in the handle of said can, the handle being rigidly applied to the can, an extension on the can for discharging the contents therefrom, a rotatable enclosure for said extension, a bulb with contacts incorporated on said rotatable enclosure, and a flexible conductor between the said battery and bulb, said conductor being coiled in a spiral form and protected by the said rotatable extension.

5. In combination, an oil can, a tubular handle therefor rigidly secured thereto, a battery carried within said handle, contacts within the handle for grounding one pole of the battery on the handle and a switch within the handle for controlling a connection to the other pole of the battery, an electric light bulb carried on the can, a conductor from the battery to said bulb, said conductor being protected by an enclosure between said battery and the point of attachment of the bulb to the can.

This specification signed this 3 day of January, 1920.

AUGUST SUNDH.