

(No Model.)

J. LINES.
PORTABLE OIL CAN.

No. 554,941.

Patented Feb. 18, 1896.

Fig. 1

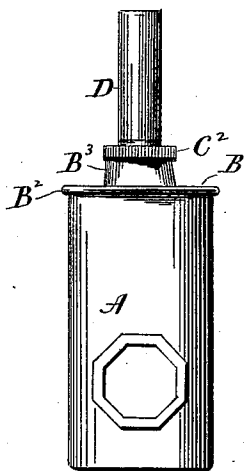


Fig. 3

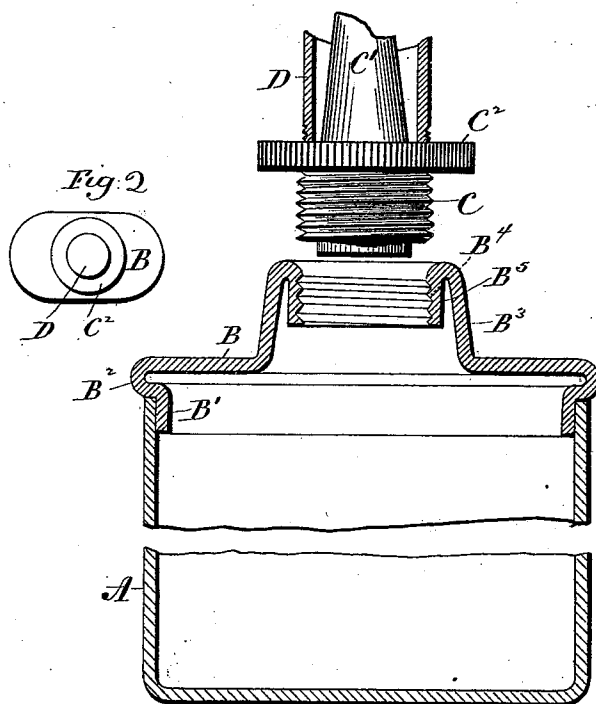
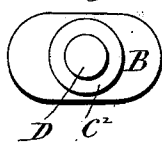


Fig. 2



Witnesses.
J. H. Shumway
Lillian D. Kellogg.

John Lines.
- Inventor.
By atty Earle Seymour

UNITED STATES PATENT OFFICE.

JOHN LINES, OF WATERBURY, CONNECTICUT, ASSIGNOR TO THE SCOVILL
MANUFACTURING COMPANY, OF SAME PLACE.

PORTABLE OIL-CAN.

SPECIFICATION forming part of Letters Patent No. 554,941, dated February 18, 1896.

Application filed November 5, 1895. Serial No. 567,985. (No model.)

To all whom it may concern:

Be it known that I, JOHN LINES, of Waterbury, in the county of New Haven and State of Connecticut, have invented a new Improvement in Portable Oil-Cans; and I do hereby declare the following, when taken in connection with the accompanying drawings and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent, in—

Figure 1, a view in side elevation of an oil-can constructed in accordance with my invention; Fig. 2, a plan view thereof; Fig. 3, an enlarged broken view chiefly in vertical section.

My invention relates to an improvement in that class of small portable oil-cans which are designed particularly for the use of bicyclists, the object being to produce at a low cost for manufacture a simple, convenient and attractive can constructed with particular reference to the avoidance of leakage, to lightness, and to compactness of construction and fewness of parts.

With these ends in view my invention consists in an oil-can having certain details of construction and combinations of parts, as will be hereinafter described, and pointed out in the claim.

In carrying out my invention I form the body of the can in two pieces—namely, a cup A and a top B, the latter being set into the open end of the former. The said cup, which is straight sided and oval in cross-section, is drawn from a single piece of sheet metal, and has therefore an integral bottom and smooth bottom edges. The said top is struck up and comprises an oval flange B', adapted to fit tightly within the open end of the cup, an oval rib B² which rests upon the open edge of the cup and projects slightly beyond the faces thereof to form a finish, a centrally-located neck B³, an integral threaded collar B⁴ forming an extension of the neck, from which it is separated by a narrow annular space B⁵, and a smooth bearing-edge B⁶ formed by turning the said threaded collar inward. The said collar receives the threaded stem C of the spout C', which is separated from the shank by means of a flange C², within which the threaded cap D is screwed in the usual manner.

The operations of drawing the cup with an

integral bottom and forming the neck independently of the cup are simpler and cheaper operations than those heretofore obtaining of drawing the body and neck from a single piece of sheet metal and making the bottom of the body in a separate piece and soldering it in place. Moreover, by drawing a cup with an integral bottom I secure smooth bottom edges, which give the article a more finished appearance than can be secured by inserting a bottom and soldering it in place. Again, by forming the neck independently, as I do, I am enabled to give it a more highly-developed and pleasing form than can possibly be given to it when it is drawn integral with the body, as under that mode of manufacture the drawing of the body handicaps the drawing of the neck. Furthermore, by forming the neck independently of the body I am enabled to produce it with an integral threaded collar and a smooth bearing-edge, whereas under the old construction it has been necessary to set an independently-formed threaded collar into the neck and secure it in place by solder, and this collar has always had a sharp edge cutting into and wearing the packing-washers located within the flange of the spout.

I would have it understood that I do not limit myself to the exact construction herein shown and described, but hold myself at liberty to make such changes and alterations as fairly fall within the spirit and scope of my invention.

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

The herein-described portable oil-can for bicyclists' use, having its body composed solely of a cup and a top, each of which is formed from a single piece of sheet metal, the said cup being drawn with an integral bottom, and the said top having a flange fitting within the open end of the cup, a rib resting upon the cup and projecting beyond the same, a neck, an inwardly-turned tapped collar, and a smooth bearing-edge, substantially as and for the purpose set forth.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

JOHN LINES.

Witnesses:

T. R. HYDE, Jr.,
M. L. SPERRY.