S. S. NEWTON.

Oiler.

No. 169,187. Patented Oct. 26, 1875.

Fig. 1.

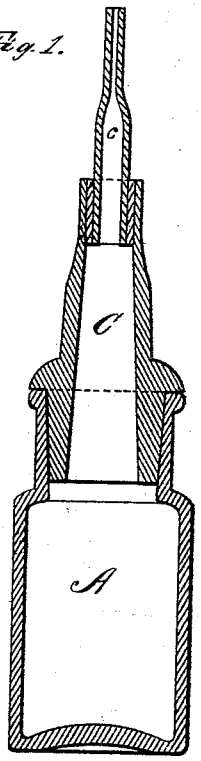


Fig. 2.

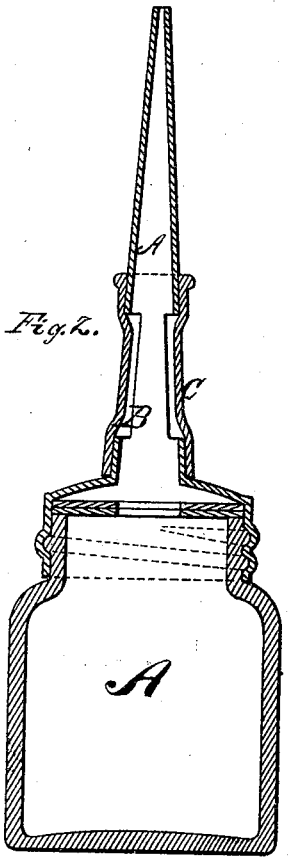
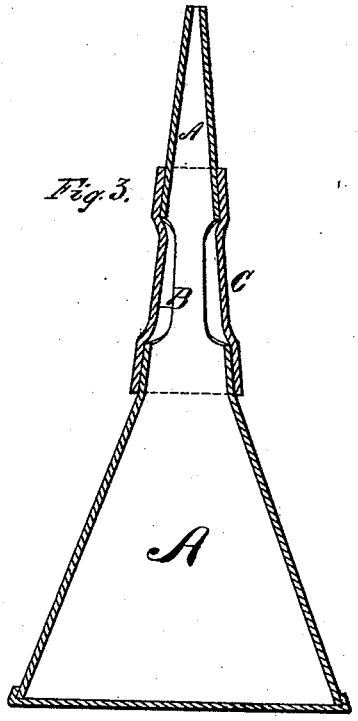


Fig. 3.



WITNESSES

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UNITED STATES PATENT OFFICE.

STEPHEN S. NEWTON, OF BINGHAMTON, NEW YORK.

IMPROVEMENT IN OILERS.

Specification forming part of Letters Patent No. **169,187**, dated October 26, 1875; application filed September 30, 1875.

To all whom it may concern:

Be it known that I, STEPHEN S. NEWTON, of Binghamton, in the county of Broome and State of New York, have invented a new and valuable Improvement in Oilers; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings making a part of this specification, and to the letters and figures of reference marked thereon.

The figures of the drawings are representations of vertical sectional views of my oiler, each view showing a different modification.

My invention relates to lubricating cans and bottles; and it consists in providing an elastic and compressible neck between the reservoir and the jet-pipe, as hereinafter described.

A of the drawings represents a can or reservoir for holding oil or other lubricating substance. This reservoir may be of tin, in the usual form, as shown in Fig. 3; or it may be of glass, having a threaded metallic top, as shown in Fig. 2; or it may be simply a glass bottle without such screw-threads, as shown in Fig. 1. Any vessel of any suitable material, having a proper top, is adapted for use with my invention, provided its size be not too great and it be made air-tight. In a metallic can or a bottle having a threaded top I arrange a spout of tin, or other suitable material, open at its top and bottom, and having two long openings in its sides. Upon the drawings, Figs. 2 and 3, these spouts are marked A, and the side openings B. I then draw over the end of said spout or nozzle a rubber pipe that shall fit closely and secure it to the can on the outside of its neck. This rubber tube is marked C on the drawings. I sometimes, however, prefer to construct my oiler in the manner shown on Fig. 1. In that case I dispense with the tube A, and substitute therefor a short nozzle, *c*. The rubber tube is then used in the form of a stopple, but extending upward, and having a place between the bottle and the nozzle to serve as a compressible neck. The principle in each case is the same.

The operation of my improved oiler is as follows: Oil is introduced into the reservoir A, filling it and the tube above it. The oiler is then held in an inclined or vertical position, with the nozzle downward, when, by the pressure of the hand of the operator on the rubber tube C, the oil will be forced by pressure out of the nozzle.

What I claim as new, and desire to secure by Letters Patent, is—

1. In lubricating-vessels, a compressible neck between the reservoir and the jet pipe or nozzle, substantially as specified.

2. The combination of a reservoir with the tube A, having openings B, and an elastic tube, C, substantially as described.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

STEPHEN S. NEWTON.

Witnesses:

F. A. DURKEE,

N. D. MOFFETT.