J. KNOWLDEN.

OIL-CAN.

No. 173,023. Patented Feb. 1, 1876.

Fig. 1.

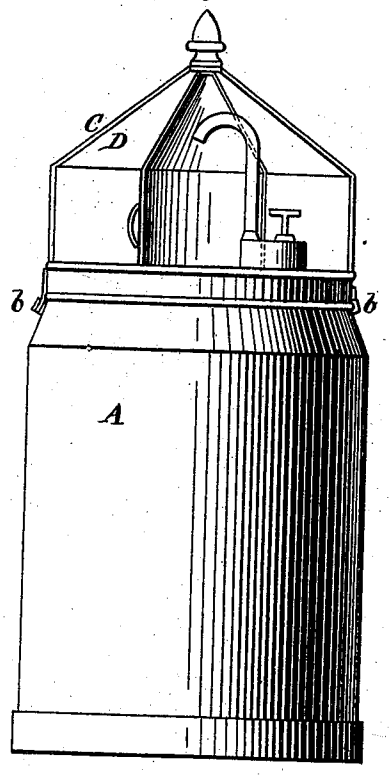


Fig. 2.

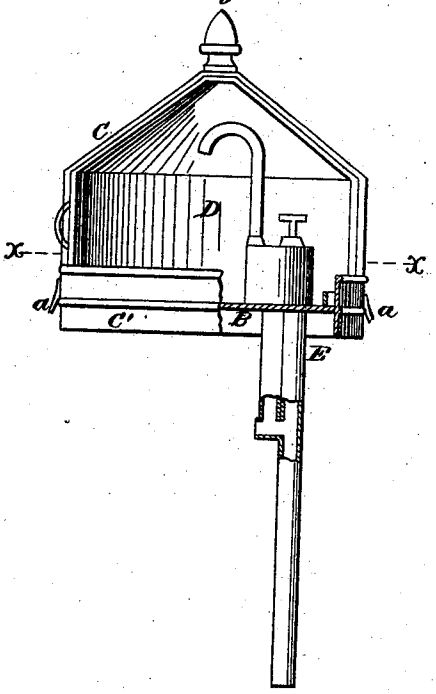
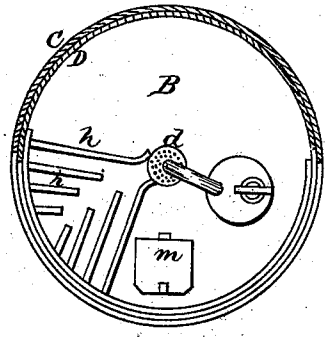


Fig. 3.



WITNESSES

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UNITED STATES PATENT OFFICE.

JAMES KNOWLDEN, OF BALTIMORE, MARYLAND.

IMPROVEMENT IN OIL-CANS.

Specification forming part of Letters Patent No. **173,023**, dated February 1, 1876; application filed January 6, 1876.

To all whom it may concern:

Be it known that I, JAMES KNOWLDEN, of Baltimore, in the county of Baltimore and in the State of Maryland, have invented certain new and useful Improvements in Oil-Cans; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

My invention relates to the class of cans used as stand-cans in stores, for containing oils or other liquids; and it consists in the construction and arrangement of a removable diaphragm and cover, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a side elevation of an oil-can embodying my invention; Fig. 2 is a side view of the removable diaphragm and cover; Fig. 3 is a horizontal section through the line *x x*, Fig. 2.

A represents the can proper, made of any desired form and dimensions, and open at the top.

B represents a diaphragm attached to the cover C, surrounding one-half of the diaphragm and having a rim, C′, extending around the other half thereof. This cover is formed with perpendicular walls of suitable height and the top made conical, as shown.

Within the stationary cover C is a pivoted or sliding cover, D, of similar form, to close the open side or other half, said sliding cover moving on top of the diaphragm B.

When the combined diaphragm and cover is placed on the can A, a portion of the stationary cover and rim fit in the open end of the can, and it is then fastened by catches *a b*, as shown.

By having the diaphragm and cover thus made together or united, they are easily taken out from the can, so that the can can be cleaned of all sediment and dirt, which cannot be done when the diaphragm is made fast to the sides of the can, as is generally the case.

In the center of the diaphragm B is an aperture with wire-cloth or perforated sheet metal *d* attached thereto, for the drippings to pass back into the can.

h h are ribs, arranged on the diaphragm B, as shown in Fig. 3, upon which the smaller vessels to be filled are to be placed, and which ribs also form guides to conduct the drippings to the center-sieve *d*.

E is the pump, passing through the diaphragm into the oil-can, for pumping up the oil, as required.

m is a hinged door in the diaphragm, to be opened for filling the can.

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

The detachable chambered cover C, having sliding cover D, flange or rim C′, and diaphragm B, provided with center-sieve *d*, ribs *h*, and door *m*, and pump E, substantially as described.

In testimony that I claim the foregoing I have hereunto set my hand this 3d day of January, 1876.

JAMES KNOWLDEN.

Witnesses:
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