

J. J. Marcy,
Oil Can,
No 76,483, Patented Apr. 7, 1868.

Fig. 1

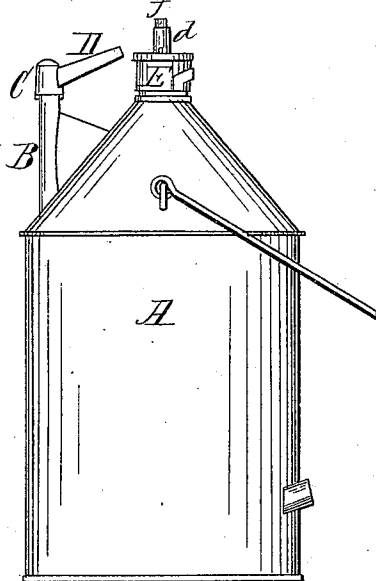
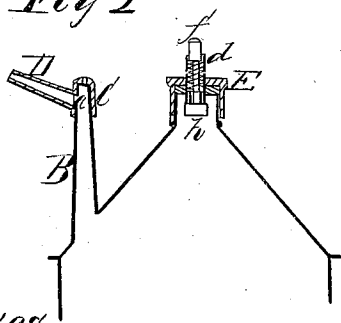


Fig 2



Witnesses

John A. Schuman and
a J. Libbitt

Inventor:
J. J. Marcy

By his Attorney,

John E. Earle

United States Patent Office.

J. J. MARCY, OF WEST MERIDEN, CONNECTICUT, ASSIGNOR TO E. MILLER & CO., OF SAME PLACE.

Letters Patent No. 76,483, dated April 7, 1868.

IMPROVEMENT IN OIL-CANS.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, J. J. MARCY, of West Meriden, in the county of New Haven, and State of Connecticut, have invented a new Improvement in Lamp-Filling 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 side view, and in

Figure 2 a vertical central section, with the nozzle turned as for pouring from the can.

This invention relates to an improvement in that class of cans such as are used for filling lamps or for similar purposes, and designed to contain hydrocarbon fluids.

It is necessary, in such cans, that when not pouring the fluid therefrom, they should be perfectly air-tight, in order to prevent the escape of the fluid by evaporation. Various devices have been resorted to to accomplish this object, generally employing a detachable cover or stopper for the nozzle.

My invention consists in the arrangement of an auxiliary nozzle over the principal nozzle, so that, when the auxiliary nozzle is turned in one direction, the communication from the can is entirely cut off, but when turned in position for pouring, then the nozzle is open; and also in the arrangement of a vertical valve in the can-top cover.

In order to the better understanding of my invention, I will proceed to describe the same as illustrated in the accompanying drawings.

A is a can, of any known form or construction, having a spout, B, arranged thereon, in the usual position, and covering its end is a thimble, C, provided with a nozzle, D, the said thimble being fitted and secured to the spout, so as to turn freely thereon, and the spout B provided with an opening, *a*, which will communicate with the nozzle D, when the said nozzle is turned into the position denoted in Figure 2, but when the nozzle D is turned to the position seen in Figure 1, then the communication through the spout B is perfectly closed, so as to prevent the escape by evaporation therethrough. Thus, when it is desired to fill or pour the fluid from the can, turn the nozzle to the position seen in fig. 2, and pour in the usual manner, and, when the filling is completed, turn the nozzle back to the position in fig. 1.

It is necessary, in thus pouring from the can, that air be admitted to vent the can, so that the fluid will run freely therefrom. To do this, I arrange, in the cap E, a valve-tube, *d*, open below, and perforated above the top of the can, as seen in the drawings, and arrange within the tube a spindle, *f*, provided with a valve, *h*, at the bottom, which closes the tube, and having a spring acting upon and so as to support the valve hard up, and so as to close the lower end of the tube, but yet so that a light pressure upon the upper end of the spindle will depress the valve, so as to permit air to pass through the tube into the can. Thus, in filling from the can, the person handling the can has only to press the finger upon the valve-spindle to vent the can.

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

The thimble C, with its nozzle D arranged upon the spout B, so as to turn thereon, and operate in the manner described, in combination with the vent-valve *h* in the cover or can, all constructed so as to operate in the manner described.

J. J. MARCY.

Witnesses:

EBENEZER GILBERT,
LINUS BIRDSEY.