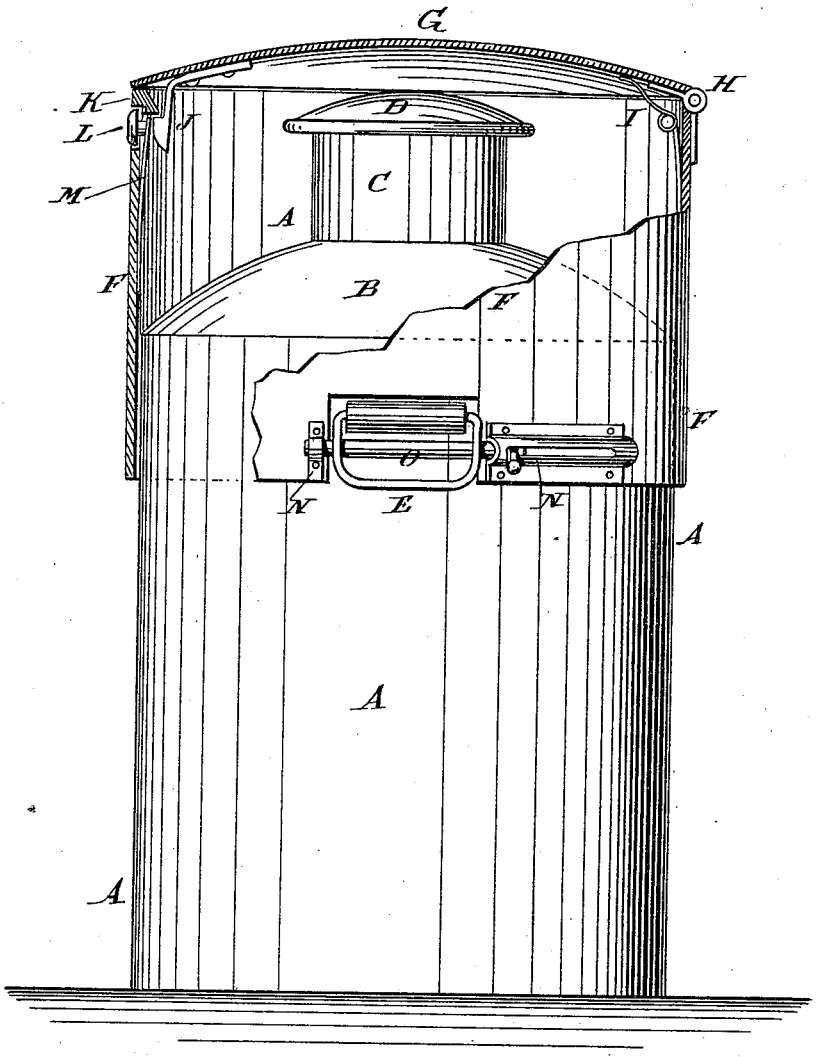
(No Model.)

J. DOUGLAS.

DETACHABLE MILK CAN REFRIGERATOR.

No. 346,647. Patented Aug. 3, 1886.



WITNESSES:

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JAMES DOUGLAS, OF CORNWALL ON THE HUDSON, NEW YORK

DETACHABLE MILK-CAN REFRIGERATOR.

SPECIFICATION forming part of Letters Patent No. 346,647, dated August 3, 1886.

Application filed May 25, 1886. Serial No. 203,223. (No model.)

To all whom it may concern:

Be it known that I, JAMES DOUGLAS, of Cornwall on the Hudson, in the county of Orange and State of New York, have invented a new and useful Improvement in Detachable Milk-Can Refrigerators, of which the following is a full, clear, and exact description.

Reference is to be had to the accompanying drawing, forming a part of this application, and which is a side elevation, partly in section, of my improvement shown as applied to a milk-can.

The object of this invention is to provide detachable milk-can refrigerators constructed in such a manner that they can be readily applied to and detached from milk-cans, will be held securely in place upon the milk-cans, and can be readily opened to give access to the said milk-cans.

The invention consists in the construction and combination of various parts of the milk-can refrigerator, as will be hereinafter fully described, and then claimed.

A represents an ordinary milk-can, which is formed with a breast, B, and neck C, and is provided with a cover, D, and handles E in the usual manner.

F represents a tubular case, the lower part of which fits upon the upper part of the body of the milk-can A. The lower edge of the case F is recessed to receive the handles E, so that the said case will be supported and kept in place by the said handles. The case F is provided with a cover, G, which is connected with the upper edge of said case by a hinge, H. To the case F, near the hinge H, is attached a spring, I, the free end of which rests against the under side of the cover G, and which should be of sufficient strength to raise the said cover when released from its fastenings. To the under side of the forward part of the cover G is attached a spring-latch, J, which, when the said cover is closed, engages with a catch, K, attached to the inner surface of the upper part of the said case F. In a recess in the case F, just below the catch K, is placed a knob, L, the stem of which is attached to a spring, M, secured to the inner surface of the case F, the said knob being placed directly opposite the head of the latch J, so that by pressing the said knob L inward the latch J will be disengaged from the catch K, and the cover G will be instantly raised by the spring D of the can A. To the lower part of the case F, upon the opposite sides of each recess in the lower edge of the said case, are attached the keepers N of the bolt O, which is curved in the arc of the said case, and shoots across the lower part of the said recess, so as to be below the handle E, and thus fasten the said case securely in place.

In using the invention the case F is placed upon the can A, and is secured in place by the bolts N O. The case F is then supplied with ice, which surrounds the neck C and rests upon the breast B of the can A, so as to keep the upper part of the can A cold. As the ice melts, the ice-water escapes through the loose joint between the case F and the case A, and trickles down the body of the said can, so as to keep the said body cool. With this construction the case F, when not required for use, can be readily detached and laid aside.

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

1. The combination, with a milk-can, of an open-topped case provided with a cover, said case fitting loosely over and extending above the top of the can, and means for securing said case in position upon the can, substantially as shown and described.

2. The combination, with a milk-can, A, of a case, F, inclosing the upper part of the said can, provided with a cover, G, and having its lower edge recessed to receive the milk-can handles, and the bolts N O, shooting across the said recess below the said handles, substantially as herein shown and described, whereby ice can be confined upon the breast of the can, and the said case can be readily applied and detached, as set forth.

3. In a milk-can refrigerator, the combination, with the case F and its hinged cover G, of the spring I, attached to the said case and bearing against the said cover, the latch J and catch K, for fastening the said cover shut, and the knob L, for disengaging the said latch, substantially as herein shown and described, whereby the said cover can be securely fastened when shut, and can be readily opened, as set forth.

JAMES DOUGLAS.

Witnesses:
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