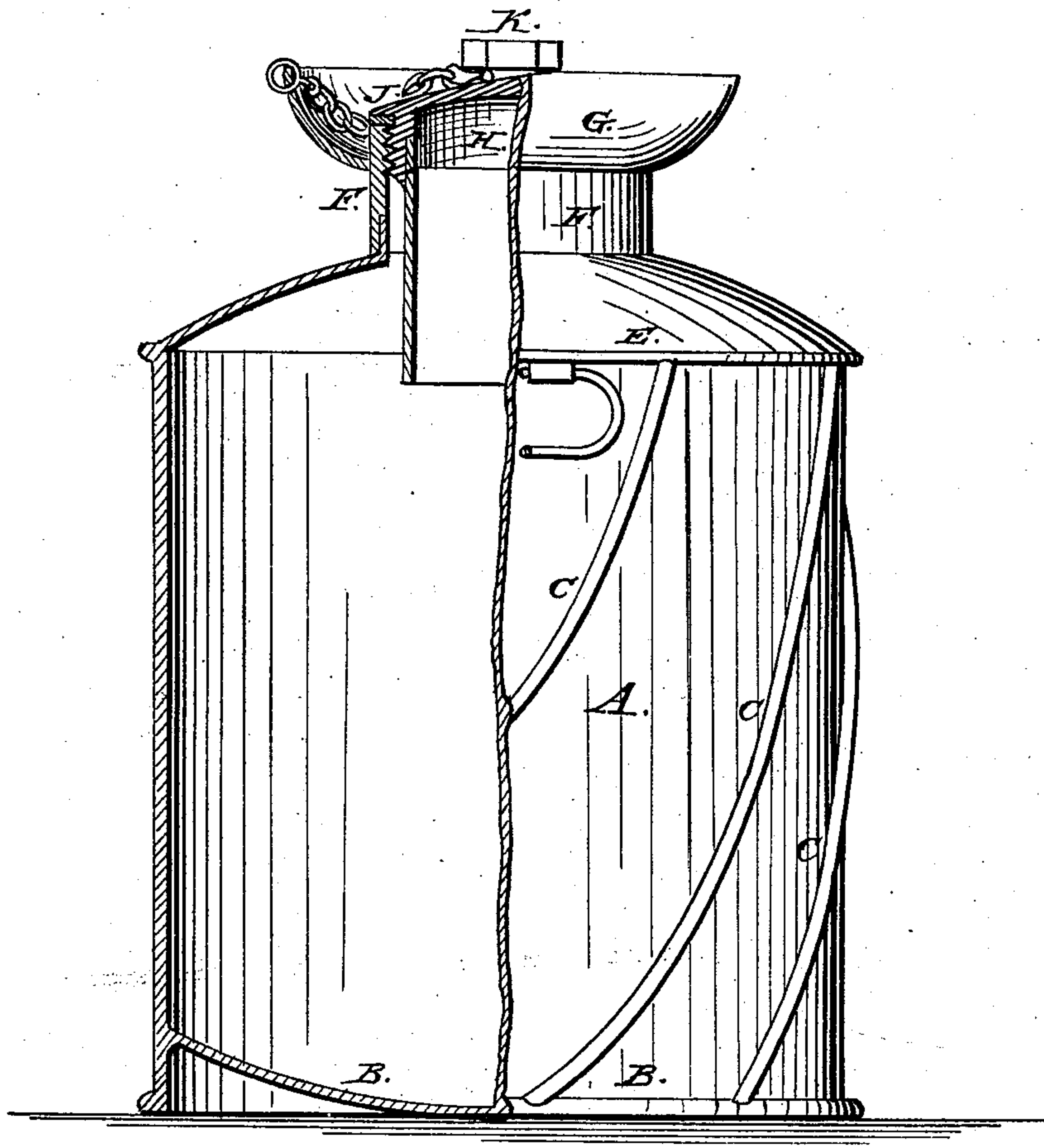


McAVOY & MILLS.

Milk Can.

No. 70,450.

Patented Nov. 5, 1867.



Witnesses:
Geo. H. Rothwell
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United States Patent Office.

HUGH L. McAVOY AND EZEKIEL MILLS, OF BALTIMORE, MARYLAND,
ASSIGNORS TO E. MILLS. OF THE SAME PLACE.

Letters Patent No. 70,450, dated November 5, 1867.

IMPROVEMENT IN MILK-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 we, HUGH L. McAVOY and EZEKIEL MILLS, city and county of Baltimore, and State of Maryland, have invented a new and improved Milk-Can; and we do hereby declare the following to be a full, clear, and exact description of the same, sufficient to enable one skilled in the art to which the invention appertains to make use of it, reference being had to the accompanying drawings, which form a part of this specification, and in which our invention is represented by an elevation and partial section.

This can has spiral metallic stays around the cylindrical portion, which rest upon the flanged foot and support the breast, and also serve as guards to protect the sides. The flanged neck has an orifice large enough for the introduction of the hand and arm to cleanse the interior, and is closed by screw-plug or cap secured by a key. An inverted cap underneath the cover may serve as a measure, and displaces the milk filling the can, to prevent swashing. In the drawings—

A is the cylindrical portion of the body of the can, and B the bottom thereof; C C are metallic strengthened stays, which reach from the foot D to the projection at the junction of the breast E and cylinder A. These stays are attached in a spiral position to the portion A, and may be of wire, or a beaded piece made of a roll of sheet metal. The spiral position of these stays forms a protection to the can from the collision of the sides A either with the sides of the railroad car or other carriage, or from contact with other cans. Any vertical object, such as another milk-can, may collide with the stays, but not with the portion A, and a number of cans similarly constructed, when in contact, will present their stays so as to cross each other. In addition to the described function of the stays, to prevent the battering of the can, they serve as strengthening braces or supports, and they may be of any desired number, and form one or several coils or portions of coils. The latter is the form shown in the drawings. F is a metallic neck, connected by a vertical flange to the breast of the can. G is a cup-flange surrounding the neck, and H is a cover having a screw-flange, forming a plug to close the opening through which the milk is introduced and discharged, and which is large enough to introduce the hand and arm for the purpose of cleaning the interior. The flange J, attached to the cover, forms it into a vessel which may be made to hold a given quantity, and, when inserted in the nearly full can, displaces some of the milk, and causes it to occupy more fully the body of the can. The cap is secured down by means of a wrench or spanner on the top K; but this may be made of such a character as only to be readily operated by a key or peculiar wrench, in the possession alone of the shipper and receiver, so that the milk may not be tampered with on the route. The cap may fasten upon or within the neck, and may be chained to the rim of the funnel G.

Having described our invention, what we claim as new, and desire to secure by Letters Patent, is—

1. The milk-can, with spiral metallic strengthening stays around its cylindrical portion.
2. The combination of the solid metal neck F G with the screw-cap H J K, when constructed and arranged as and for the purposes specified.

HUGH L. McAVOY,
EZEKIEL MILLS.

Witnesses:

PHILIP T. TILYARD,
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