S. F. HAWLEY & H. A. MEAD.

Milk-Cans.

No. 166,525. Patented Aug. 10, 1875.

Fig. 1.

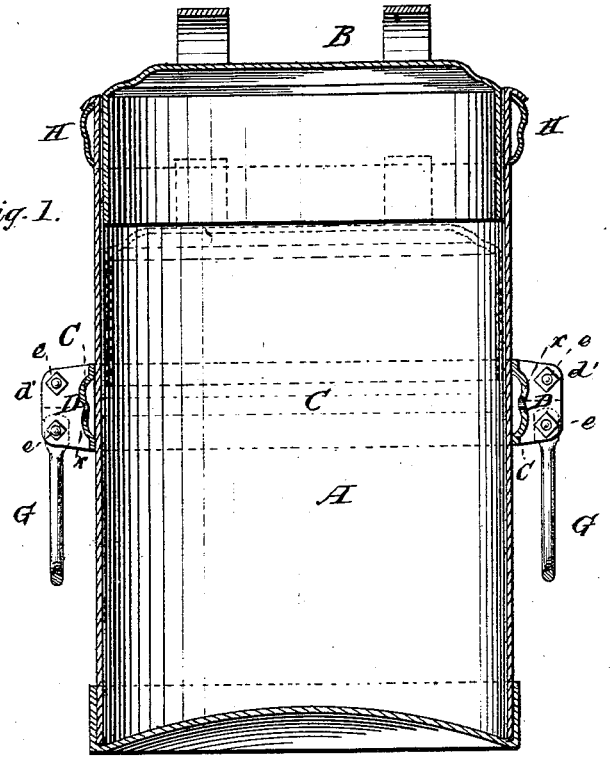


Fig. 2.

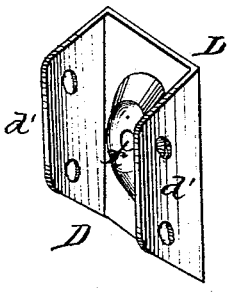


Fig. 3.

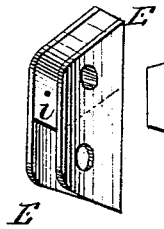
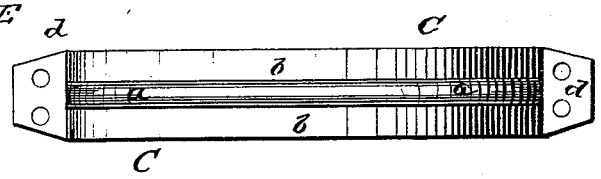


Fig. 4.



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per
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UNITED STATES PATENT OFFICE.

SAMUEL F. HAWLEY AND HENRY A. MEAD, OF CUBA, NEW YORK.

IMPROVEMENT IN MILK-CANS.

Specification forming part of Letters Patent No. **166,525**, dated August 10, 1875; application filed July 7, 1875.

To all whom it may concern:

Be it known that we, SAML. F. HAWLEY and HENRY A. MEAD, of Cuba, in the county of Allegany and State of New York, have invented certain new and useful Improvements in Milk-Cans; and we do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

Our invention relates to milk-cans; and consists in the construction of the can, as will be hereinafter more fully set forth.

In the accompanying drawing, Figure 1 is a vertical section of a device embodying our invention; and Figs. 2, 3, and 4 are details of the same.

A represents the body of can, and B the cover made to fit within the same, both constructed substantially in any of the known and usual ways. Around the center of the can-body A is a band made in sections, as follows: C C are two sheet-metal strips, of a length nearly equal to one-half the circumference of the can. On each strip C is rolled, or otherwise formed, a longitudinal bead, *a*, leaving a flat flange, *b*, along each side thereof, and the ends of the strips are turned outward, forming ears or flanges *d d*. D D represent the "dumpers," made of sheet metal, stamped concave in the middle, and having a hole, *x*, punched from the outside in the center, so as to form, as it were, a collar or bead on the inner concave side, and thereby making it strong. The ends of the dumpers D are turned outward, forming ears or flanges *d'*, corresponding with those on the strips C C. The strips C C are placed around the can, with the dumpers D D between their ends, and a socket, E, is inserted between each set or pair of flanges *d d'*, after which bolts *e e* are passed through each such set of flanges and the socket between them, and nuts screwed upon the ends of the bolts, for tightening the whole band firmly around the can. The edges *b b* are then soldered to the can, as well as the edges of the dumpers. These edges, being all flat, and lying in that way against the surface of the can, are easier soldered thereto, and make the band much stronger than would otherwise be the case. The sockets E are constructed, as shown, with an interior shoulder, *i*, between the two bolts *e*, that pass through them. G G represent the handles, made of malleable iron or other suitable material. The ends of these handles are inserted in the lower ends of the sockets E, as shown, and pivoted by the lower bolts *e* passing through them. In carrying the can they are prevented from getting above a proper position by the shoulders *i* in the sockets. The dumpers D, it will be noticed, are on the outside of the can, and are used in the ordinary manner in dumping the can at factories by having hooks placed in the holes or eyes *x x*. Around the top of the can is placed a band, H, which is also made with a longitudinal bead and flat surfaces above and below the same, to be soldered to the can.

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

A milk-can surrounded with one or more bands, formed of strips, with a raised bead running longitudinally with the strips, drawn tightly around the can by the joints formed of the dumpers, sockets, and screws, and soldered to the body of the can.

In testimony that we claim the foregoing as our own we affix our signatures in presence of two witnesses.

SAMUEL F. HAWLEY.
HENRY A. MEAD.

Witnesses:
E. A. BARTLETT,
C. D. TABOR.