I. F. VAN DUZER.

Milk Can.

No. 55,791. Patented June 19, 1866.

Fig. 2.

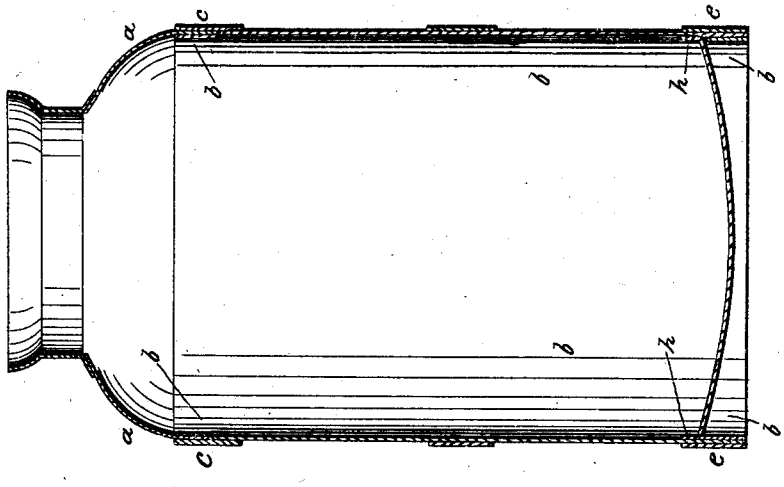
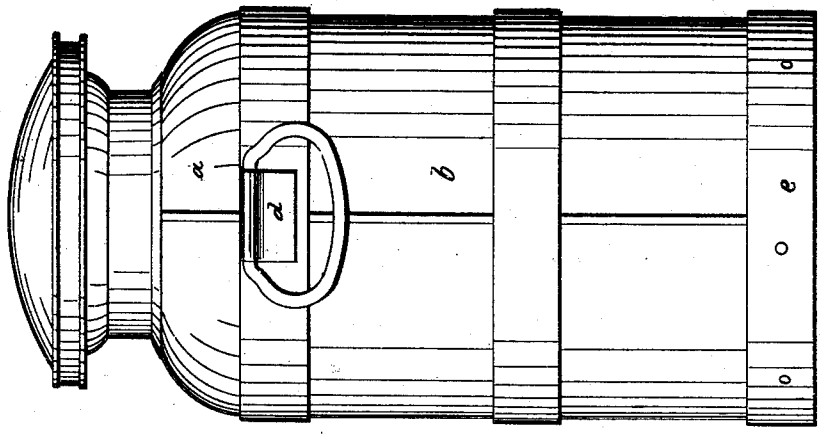


Fig. 1.



Witnesses:
J. Smith.
L. Jones.

Inventor.
Isaac F. Van Duzer.
by Atty P. T. Everett.

N. PETERS. Photo-Lithographer, Washington, D. C.

UNITED STATES PATENT OFFICE.

ISAAC F. VAN DUZER, OF MIDDLETOWN, NEW YORK, ASSIGNOR TO HIMSELF AND R. M. SAYER.

IMPROVEMENT IN MILK-CANS.

Specification forming part of Letters Patent No. **55,791**, dated June 19, 1866.

To all whom it may concern:

Be it known that I, ISAAC F. VAN DUZER, of Middletown, in the county of Orange and State of New York, have invented a certain new and useful Improvement in Milk-Cans; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, and to the letters and marks thereon.

My improvement relates to that class of cans which are used to convey milk from the interior to the city by railway-cars, and which are required to be made very strong and durable.

The drawings forming part of this specification represent such can with my improvement forming part thereof.

Figure 1 of said drawings is a side view of the can, and Fig. 2 is a view by vertical section.

In both of the figures where like parts are shown, like marks and letters are used to indicate the parts.

It will be noticed, in examining Fig. 2 of the drawings, that the breast *a* of the can is made of a piece of metal swaged into form, the lower edge of which presses over the edge of the body-piece *b*, and that a hoop, *c*, surrounds the breast-piece, the can at this point being of three thicknesses of metal, of which the body-piece is the interior. When, therefore, these three pieces of metal are well united and affixed to each other by soldering, the can at this point is very strong and all its surfaces smooth and even. The hoops used by me are made of wrought-iron heavily tinned, as are also the lugs or ears *d*, to which are attached the handles. At the lower part of the can the body-piece *b* has a hoop, *e*, exterior to it, and another hoop, *f*, interior, the two hoops and the body-piece constituting the supporting part of the can. The exterior hoop, *e*, extends up higher than the interior, *f*, the latter being the bearing-piece to the bottom *g*, which bottom is of one piece of metal so swaged out that an upright flange, *h*, is formed, and at the angle made by the bottom part and flange a slightly-depressed bearing-edge given for the resting or bearing of the bottom on the edge of the inner hoop.

In making my cans the two lower hoops are placed in their proper position relatively to the body, and are then attached to each other by rivets, as indicated by Fig. 1. When thus held together the bottom part of the can is immersed in melted tin, so that between the two hoops and the bottom piece a strong, tight, and durable connection is made. The bottom *g* is then put in its place and carefully soldered to the interior hoop and the body-piece. One or more hoops are then affixed around the can, and the other parts added to complete it.

What I claim as an improvement on milk-cans, and desire to secure by Letters Patent, is—

1. The manner herein set forth of attaching the breast to the body of the can, viz., by having the breast-piece confined between the body and hoop, as and for the purposes described.

2. The manner of constructing the bottom part of the can of the two hoops and body and bottom, as herein recited.

3. The manner of securing the body-piece and the hoops together by first riveting them and then dipping them in the melted solder, as set forth.

This specification signed this 19th day of February, 1866.

ISAAC F. VAN DUZER.

Witnesses:
THOS. KING,
S. SAYER.