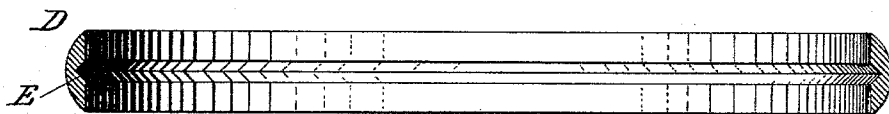


(No Model.)

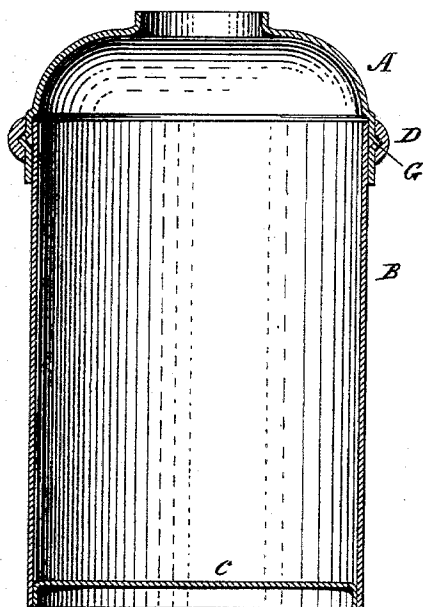
T. W. FORSTER.
MILK CAN.

No. 546,140.

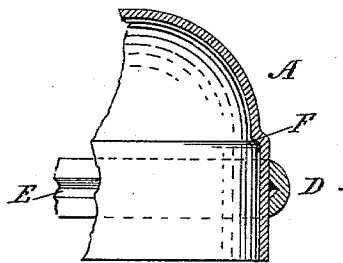
Patented Sept. 10, 1895.



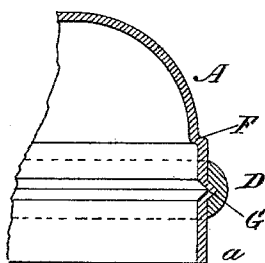
— Fig. 2 —



— Fig. 1 —



— Fig. 3 —



— Fig. 4 —

Witnesses:

Alexis C. Kuyell

Aurelia J. Williams.

Inventor.

Thomas W. Forster

by Geo. L. Lathrop

Attorney.

UNITED STATES PATENT OFFICE.

THOMAS WM. FORSTER, OF DETROIT, MICHIGAN, ASSIGNOR TO THE BUHL STAMPING COMPANY, OF SAME PLACE.

MILK-CAN.

SPECIFICATION forming part of Letters Patent No. 546,140, dated September 10, 1895.

Application filed September 4, 1894. Serial No. 522,007. (No model.)

To all whom it may concern:

Be it known that I, THOMAS WM. FORSTER, of Detroit, in the county of Wayne and State of Michigan, have invented a new and useful Improvement in Milk-Cans, of which the following is a specification.

My invention consists in an improvement in milk-cans, hereinafter fully described and claimed.

Figure 1 is a vertical central section through a milk-can, omitting the top. Fig. 2 is a section of one-half of a hoop. Fig. 3 is a section of a portion of the breast, showing the hoop in position, but not secured; and Fig. 4 is a central section showing the hoop secured in place.

A represents that part of a milk-can called the "breast," the upper part being dome-shaped, with a central opening, and the lower part being somewhat larger in diameter and cylindrical.

B represents the cylinder having a bottom C, and this cylinder slips within the cylindrical part of the breast, coming up against the shoulder F in the breast, and is soldered around shoulder F on the inside and usually soldered to the cylinder B at the bottom of the breast on the outside.

It is necessary to strengthen the upper part of the can by a metallic hoop around the breast to protect the joint between the breast and the cylinder, and this has been done in various ways, among which is riveting a hoop around the lower part of the breast; but it is quite desirable to have a smooth interior, presenting no openings to hold milk and in which the milk so held will turn sour, and it is quite difficult to fasten the hoop by riveting around

the breast so as to strengthen the joint and yet permit making a smooth interior. It has also been attempted to reinforce this part of the can by forming an interior bead in the lower part of the breast and setting a half-round or oval hoop therein; but this makes it difficult to put the can together, as the edge of the hoop is apt to catch the upper end of the cylinder, and in tinning it is difficult to prevent grease from gathering around the hoop in the bead, and this grease interferes with soldering the cylinder and breast together. I obviate these objections by providing a hoop D with an interior groove E, which may be V-shaped or curved, placing said hoop around the breast, and then bead the breast into the groove in said hoop. This leaves the cylinder of the breast smooth to permit ready entrance and close fit of the top of the cylinder.

Fig. 3 shows the hoop D with a groove E therein slipped over the breast, and Fig. 4 shows the breast beaded in the said hoop at G.

What I claim as my invention, and desire to secure by Letters Patent, is—

The combination with the cylinder of a milk can, a breast having a flange which overlaps and fits said cylinder, an outwardly projecting bead formed in said breast, an external hoop encircling said breast and provided with an internal groove which is engaged by the projecting bead of said breast, substantially as described.

THOMAS WM. FORSTER.

Witnesses:

RICHARD E. SACK,
JNO. F. BREEN.