

L. A. SUNDERLAND.

Milk Pan.

No. 84,973.

Patented Dec. 15, 1868.

Fig. 1

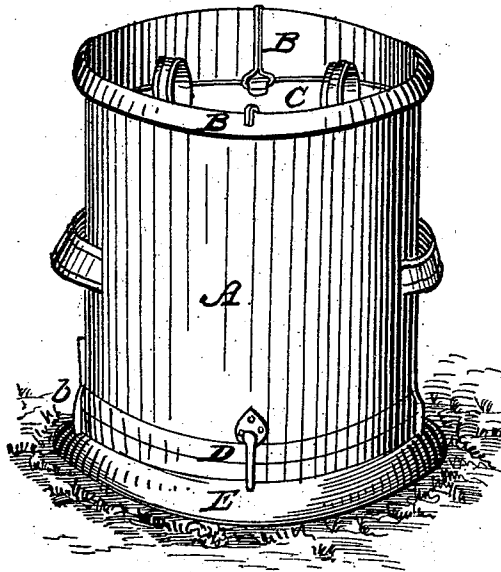


Fig. 2

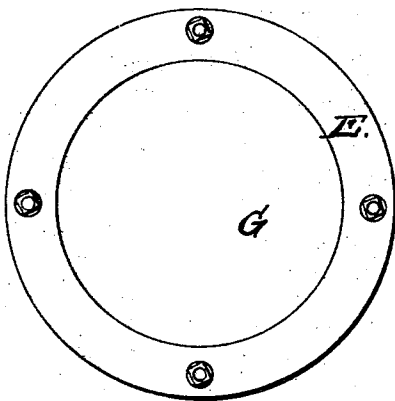
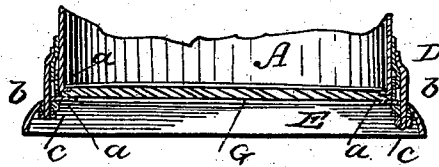


Fig. 3



Witnesses
Geon Tibbitts
S. Holmes

Inventor
L. A. Sunderland

United States Patent Office.

L. A. SUNDERLAND, OF CHAGRIN FALLS, OHIO.

Letters Patent No. 84,973, dated December 15, 1868.

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 I, L. A. SUNDERLAND, of Chagrin Falls, in the county of Cuyahoga, and State of Ohio, have invented certain new and useful Improvements in Milk-Cans; and I do hereby declare that the following is a full and complete description of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a perspective view.

Figures 2 and 3 are detached sections, that will be referred to in the description.

Like letters of reference refer to like parts in the views.

This case, A, is constructed similar to those described in my former patent, of August 6, 1867, the cover C being made so as to pass inside of the can, and be supported by means of hooks, B, the said hooks catching on the edge of the can, as shown in fig. 1.

Passing round and secured to the lower edge of the can is a flange or ring, D, leaving space enough between the can and said ring for the flange, *a*, of the ring or base, E, to be inserted between them.

Fig. 2 shows an under-side view of the ring or base, E, and wooden bottom G, and

Fig. 3, a vertical section of the same, showing their connection with the can.

The metal ring or base, E, is provided with two flanges, *a a'*, at right angles with each other, the flange *a'* passing, as before stated, between the ring D and can.

On the flange *a* rests a supplementary wooden bottom, G, the upper side of which is formed convex, as seen in fig. 3. The metal bottom of the can A, in soldering, becomes sprung out of shape by the heat of the soldering-iron, which renders it liable to an oscillating motion, that, in a short time, wears or destroys the can. The object of this supplementary wooden bottom is to give support to the metal bottom, by being fitted snugly to it, and thus prevents the said motion, and, at the same time, giving additional strength to the can.

The ring E is secured to the can by means of the screws *b*, said screws being secured to the can, as shown, and passing down through openings in the ring or base, and there secured by means of the nuts *c*, as shown in fig. 2.

By constructing the can in this way, I avoid the use of the caps C' and elastic bed I, described in my former patent, and have a more durable, simple, and cheaper can.

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

The supplementary bottom, G, in combination with the flanged ring or base, E, screws *b*, and can A, arranged as described, and for the purpose set forth.

L. A. SUNDERLAND.

Witnesses:

GEO. W. TIBBITTS,
GEO. HESTER.