J. HERGET.

Sheet-Metal Can.

No. 167,172. Patented Aug. 31, 1875.

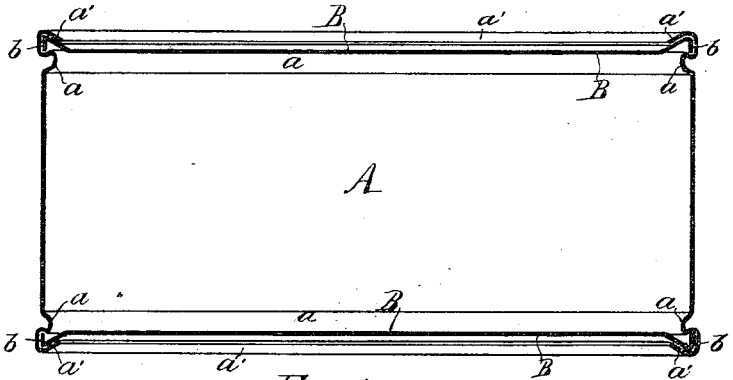

Fig. 1.

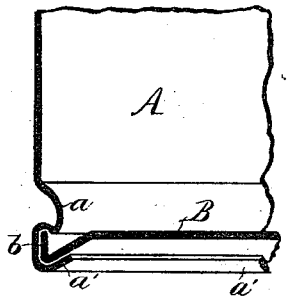

Fig. 2.

Witnesses:
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attys

UNITED STATES PATENT OFFICE

JOHN HERGET, OF ST. LOUIS, MISSOURI.

IMPROVEMENT IN SHEET-METAL CANS.

Specification forming part of Letters Patent No. **167,172**, dated August 31, 1875; application filed May 1, 1875.

To all whom it may concern:

Be it known that I, JOHN HERGET, of St. Louis, county of St. Louis and State of Missouri, have invented a new and useful Improved Joint for Metal Cans, of which the following is a specification:

This invention relates to cans for holding pigments, white lead, lard, and other substances, as well as fluids, that require an air-tight joint.

My invention consists in uniting the top, bottom, and sides of cans by means of the peculiar joint, as will now more fully appear.

Of the drawing, Figure 1 is my invention in section. Fig. 2 represents my invention in enlarged detail view.

A is the body or sides of the can. The sides I form to have an inwardly-projecting bead, *a*. (See figures.) B are the heads or top and bottom of the can. The new feature I provide the heads B with is the indenting edge *b*. (See figures.) The heads I next fit in the body A, so that the edge *b* shall engage the bead *a*. It is this joining of *b* with *a* that I rely upon in forming an air-tight joint. Therefore, in closing this joint, the edge *b* is virtually indented into the bead *a*, and as shown in the figures. The joint is completed by the edges *a'* of the sides being made to overlap the edge *b*, as illustrated. This lapping of the edge *a'* being inward, it retains and holds the edge *b* on the bead.

As apparent, this joint can be readily closed and readily opened, and this done so that the can can be reused. The joint is most strong and durable, from the fact of the edges being short, and the shaped or stamped heads directing whatever pressure or weight they sustain in a direction that further tightens the joint.

In case of some kinds of fluid matter, if necessary, the edge *a'* can be soldered where it joins the heads.

What I claim is—

The heads of cans formed to have an indenting edge, *b*, as herein shown and described, in combination with the body of cans formed with beads *a* and overlapping edge *a'*, by means whereof an air-tight and secure joint is had, substantially as described and shown.

In testimony of said invention I have hereunto set my hand.

JOHN HERGET.

Witnesses:

WILLIAM W. HERTHEL,

CHAS. F. MEISNER.