

J. Britton . Top for Sheetmetal Cans & Boxes

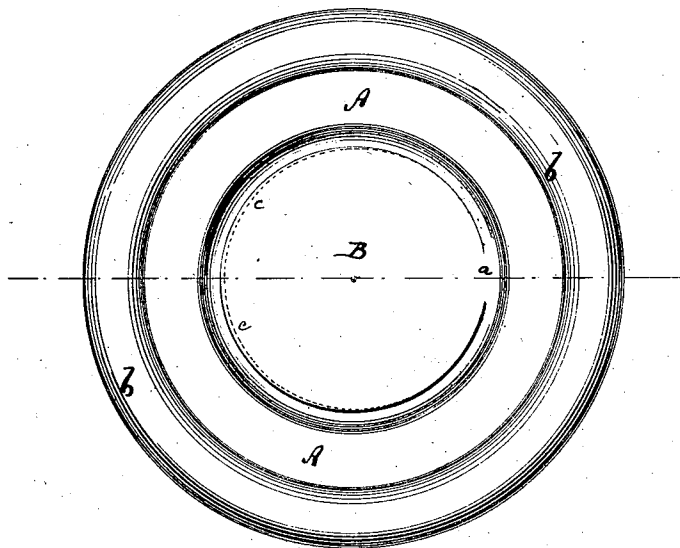
106991

PATENTED SEP 6 1870

Fig. 2.



Fig. 1



Witnesses:

*E. Wolff
L. S. Maber*

Inventor:

*J. Britton
per J. M. H.*

Attorneys.

United States Patent Office.

JAMES BRITTON, OF WILLIAMSBURG, NEW YORK, ASSIGNOR TO HIMSELF
AND GARRETT BROWER, OF SAME PLACE.

Letters Patent No. 106,991, dated September 6, 1870.

IMPROVEMENT IN TOPS FOR SHEET-METAL 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, JAMES BRITTON, of Williamsburg, in the county of Kings and State of New York, have invented a new and improved Top for Sheet-Metal Cans and Boxes; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification, in which—

Figure 1 represents a view of my improved sheet-metal can top.

Figure 2 is a central section of the same.

Similar letters of reference indicate corresponding parts.

This invention has for its object so to construct sheet-metal covers for cans and boxes that the circular pieces cut out in the center of each cover will be supported by the inner part of the cover proper, so that it may be soldered down and unsoldered without becoming destroyed during the opening of the can.

The invention consists in so constructing the cover, by providing it with a projecting bead or molding, that it can be stretched inwardly after having been cut in the middle, to carry its inner edge under the central cut out portion.

A, in the drawing, represents the sheet-metal cover of a can or box, of suitable construction.

The central piece, B, of the cover A is partly cut out, having only the part *a*, which connects it with the cover.

A projecting bead or molding, *b*, is formed on the outer part of the cover.

This molding is, after the piece B has been formed, slightly compressed, to extend the cover inwardly, whereby a rim, *c*, will be brought under the outer part of the piece B, for supporting the same.

The edge of the piece B can now be soldered to the cover A and unsoldered by the application of heat, without requiring, as in the cans and boxes now in use, the destruction of the cover or central piece.

In ordinary covers the solder served to unite the contiguous edges of the cover and central pieces, passing thereby between the two and underneath the cover, so that unsoldering was nearly impossible.

It is evident, that the same result can be reached by forming the bead on the center piece B, and stretching the same subsequent to cutting, so as to make it overlap the inner edge of the cover.

Having thus described my invention,

I claim as new and desire to secure by Letters Patent—

1. The cover A, crowded under the central piece B, for supporting the same, substantially as herein shown and described.

2. The herein described method of crowding the inner part of the cover A under the central piece B, or *vice versa*, by compressing a projecting bead or molding, substantially as specified.

Witnesses:

JAMES BRITTON.

GEO. W. MABEE,
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