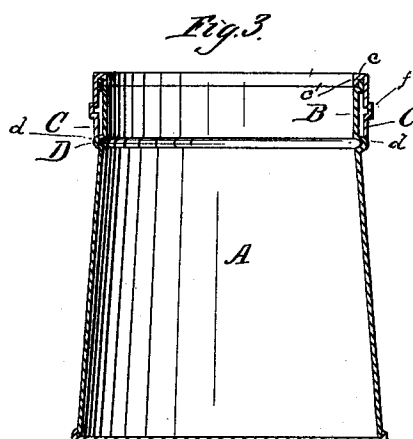
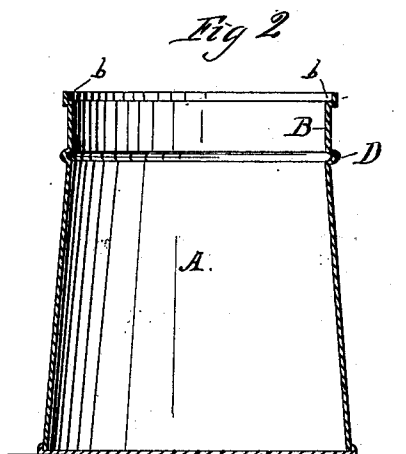
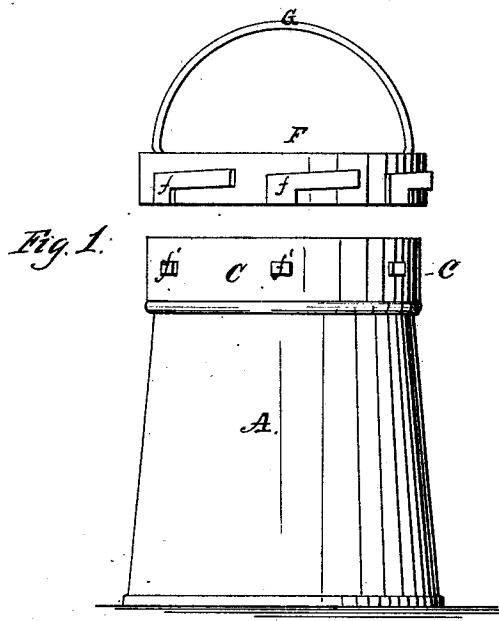


(No Model.)

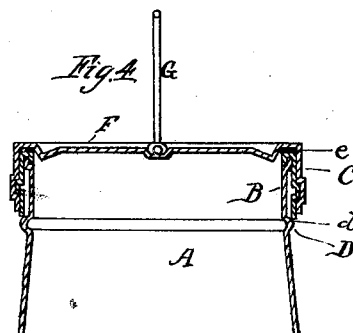
E. NORTON.
Can.

No. 235,278.

Patented Dec. 7, 1880.



WITNESSES.
S. B. Townsend
F. F. Harner.



INVENTOR.
Edwin Norton by
Munday Ervarts and
Adcock his attys

UNITED STATES PATENT OFFICE.

EDWIN NORTON, OF CHICAGO, ILLINOIS.

CAN.

SPECIFICATION forming part of Letters Patent No. 235,278, dated December 7, 1880.

Application filed October 5, 1880. (No model.)

To all whom it may concern:

Be it known that I, EDWIN NORTON, of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Cans, of which the following is a specification.

My invention relates to improvements in tops or breasts for cans; and the object of my invention is to make a cheap and durable can top or breast, and of such strength and rigidity that it will always retain perfectly its shape and form, so as to secure an accurate and perfect fit of the can-cover upon the same; and this I accomplish by making the can top or breast of a hollow rim or band, or, in other words, providing the can with a double breast. The inner part or fold of the double breast consists in the top portion of the body of the can, and the outer part being the seamless breast provided with an inturned flange, which forms the top of the hollow band, the two parts being soldered and secured together, so as to form one continuous hollow rim or band.

This construction gives much greater strength and rigidity to the can-breast than could be secured by making the can-breast of thicker stock, as the hollow band is a peculiarly firm kind of structure; and my present invention is specially adapted for use upon large-sized cans and upon open-mouthed cans wherein the cover is secured upon the can by means of coupling devices which operate with a rotary motion, in which class of cans it is specially important that the can top or breast be of a strong rigid construction, to prevent the same becoming bent or kinked out of shape in handling, and thus render it difficult to close the cover tight upon the can.

In the accompanying drawings, which form part of this specification, Figure 1 is a side view of my improved can, showing the cover in position to be applied. Fig. 2 is a section of the same with the outer portion of the double breast removed. Fig. 3 is a sectional view with cover removed; and Fig. 4 is a sectional view, showing the can with cover applied.

In said drawings like letters of reference indicate like parts wherever used.

In the drawings, A represents the body of the can, of the usual construction. The upper

portion, B, of the can-body forms the inner part or fold of the double can breast or top.

C is the seamless can-breast, which is stamped out of a single blank and is provided with an inturned flange, *c*, which forms the top of the hollow band, and a shoulder, *c'*, which fits in a corresponding offset, *b*, near the top of the inner part or fold, B, where the two parts are soldered together, thus forming a smooth continuous surface on the interior of the double can-breast.

D is an offset or bead in the upper portion of the can-body, which forms the base of the hollow band constituting the double can breast or top, and to which the lower edge of the seamless can-breast C is soldered, as shown at *d*.

The inturned flange *c*, which constitutes the top of the double can-breast, forms a flat smooth seat for the gasket *e* to rest upon in case one is employed.

F is the can-cover, which, like the outer part, C, of the double can-breast, is stamped out of a seamless blank, so as to secure accuracy of fit of the two parts upon each other, and the cover and breast are provided with coupling devices *f* and *f'*, for the purpose of securing the cover to the can.

G is a folding bail, applied to the top of the cover, and which is adapted to be used as a wrench or leverage for removing and applying the cover.

What I claim is—

1. The combination, with the can-body, of the seamless breast soldered at its lower edge to the can-body, and provided with an inturned flange, which rests upon the top edge of the body, and with a shoulder, *c'*, to which the top of the body is soldered, forming a hollow or double breast for the can, substantially as and for the purpose specified.

2. The combination, with the can-body A, provided with bead D, of inner fold, B, provided with offset *b*, and seamless breast C, provided with inturned flange *c* and shoulder *c'*, the two parts being soldered and secured together substantially as and for the purpose described.

EDWIN NORTON.

Witnesses:

EDMUND ADCOCK,
JOHN W. MUNDAY.