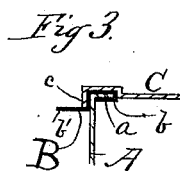
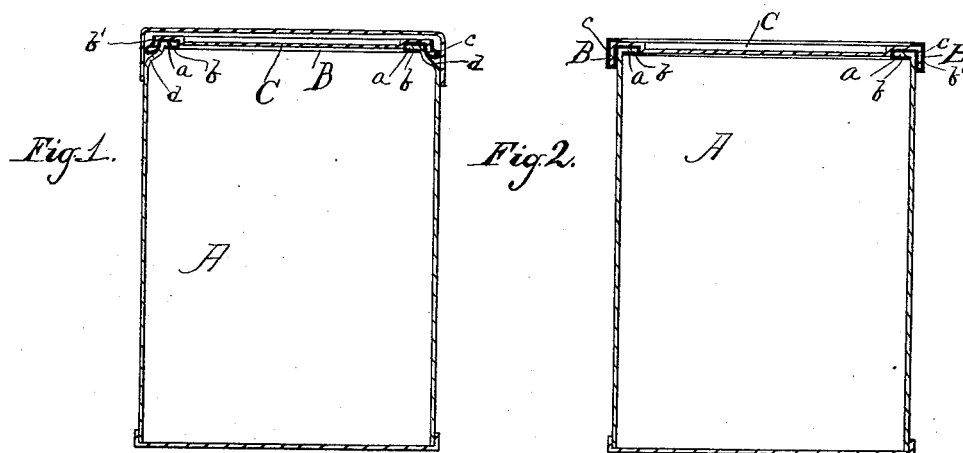


(No Model.)

E. NORTON.
SHEET METAL CAN.

No. 267,013.

Patented Nov. 7, 1882.



Witnesses:

D. Everett Brown
A. W. Munday.

Inventor:

Edwin Norton
per Munday, Evans & Aldcock

his Attorneys:

UNITED STATES PATENT OFFICE.

EDWIN NORTON, OF CHICAGO, ILLINOIS.

SHEET-METAL CAN.

SPECIFICATION forming part of Letters Patent No. 267,013, dated November 7, 1882.

Application filed September 30, 1882. (No model.)

To all whom it may concern:

Be it known that I, EDWIN NORTON, a citizen of the United States, residing in Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Sheet-Metal Cans, of which the following is a specification.

My present invention relates more particularly to improvements in paint-cans. This class of cans are usually provided with two covers, one inner cover of thin metal or tagger's tin, which is united to the can by a close seam, so as to make the can tight, and which may be readily cut out when the can is to be opened, and an outer slip-cover, which serves to protect the inner thin cover while the can is being transported and also serves to close the can from time to time as the contents are used after the thin inner cover has been cut away; and my invention consists in providing the can-body with an inturned flange over which is crimped or folded the inner edge of a seamless ring, the outer edge of the same being folded or crimped over the depending flange of an ordinary slip-cover, so as to form a tight joint when the cover is crimped on in this way, and at the same time admit of the crimped outer edge of the seamless ring being pressed out or off and the cover removed without injury. By this means it will be observed that one and the same cover may be used to close the can tight, and also as an ordinary slip-cover after the can has once been opened, and that the inner thin cover may, if desired, be dispensed with, as the can may be as readily opened by simply pressing off the overlapping crimp or flange of the seamless ring or flange as by cutting out the inner cover, if one should be used.

In the accompanying drawings, which form a part of this specification, and in which similar letters of reference indicate like parts, Figure 1 is a central section of my improved can, showing the form of the same when two covers are used. Fig. 2 is a similar view showing the same when but a single cover is employed,

and Fig. 3 is a section showing the form of the seamless ring before being crimped over the cover.

In the drawings, A represents the can-body, which is provided with an inturned flange, *a*.

B (shown in black in the drawings) is a seamless ring, soldered to the top of the can-body, and having its inner edge, *b*, folded or crimped over the flange *a*, which materially serves to strengthen the top of the can. The outer part of the seamless ring is crimped so as to form an annular groove or recess, in which fits the depending flange *c* of the cover C, and when the can is closed the outer edge, *b'*, of the seamless ring is crimped over the flange *c*, thus forming a tight joint with the cover without the use of solder. When the can is to be opened the flange or shoulder *b'* is simply pressed out or off by running any ordinary knife or tool around the top of the can, and then the cover may be removed without injury thereto, so that it afterward may be used as any ordinary slip-cover to close the can.

In Fig. 1 I have shown the can-body provided with a shoulder, *d*, near its top, so that an outer slip-cover, D, may be applied outside the cover C and seamless ring B, and in that case the inner cover, C, would of course be made of thin metal; but I consider the form shown in Fig. 2 as the preferable mode of practicing my invention.

I claim—

The combination of the can-body provided with an interior flange with a seamless ring, having its inner edge folded or crimped over said flange on the can-body, and a slip-cover having a depending flange, over which flange is folded or crimped the outer edge of said seamless ring, whereby the can may be closed tight and at the same time admit of the cover being readily removed without injury thereto, substantially as specified.

EDWIN NORTON.

Witnesses:

W. P. HALL,
H. M. MUNDAY.