

(No Model.)

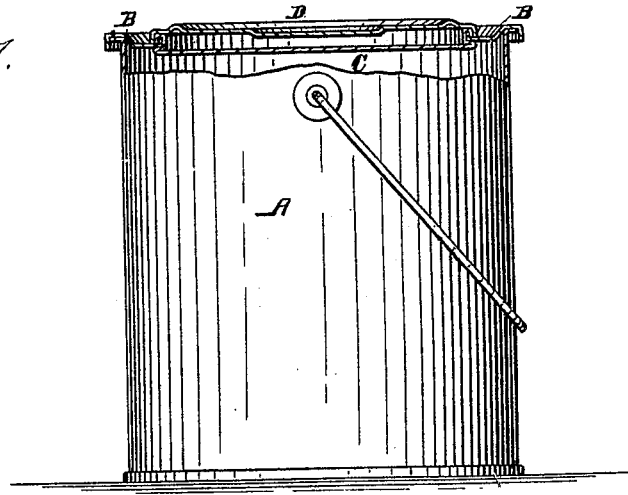
C. W. ELLSWORTH.

SHEET METAL CAN TOP.

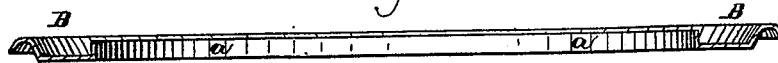
No. 263,326.

Patented Aug. 29, 1882.

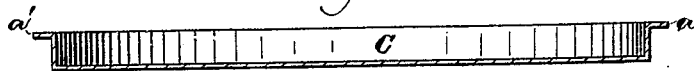
*Fig. 1.*



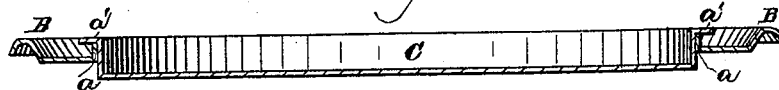
*Fig. 2.*



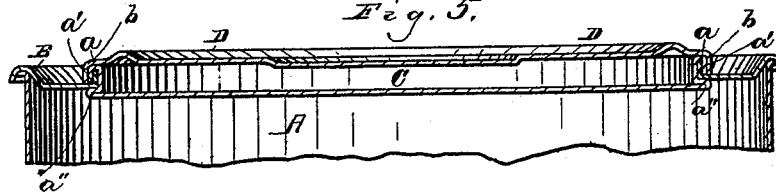
*Fig. 3.*



*Fig. 4.*



*Fig. 5.*



Witnesses,  
*Henry Frankfurter*  
*W. B. Halpenny.*

Inventor,  
*Charles W. Ellsworth,*  
per. *Ardley & Co.*  
*his Attorneys.*

# UNITED STATES PATENT OFFICE.

CHARLES W. ELLSWORTH, OF CHICAGO, ILLINOIS, ASSIGNOR TO THE  
CHICAGO STAMPING COMPANY, OF SAME PLACE.

## SHEET-METAL-CAN TOP.

SPECIFICATION forming part of Letters Patent No. 263,326, dated August 29, 1882.

Application filed July 15, 1882. (No model.)

To all whom it may concern:

Be it known that I, CHARLES W. ELLSWORTH, of Chicago, in the county of Cook and State of Illinois, have invented certain  
5 new and useful Improvements in Sheet-Metal-Can Tops, of which the following, in connection with the accompanying drawings, is a specification.

In the drawings, Figure 1 is a side view,  
10 shown partly in section, of a sheet-metal can embodying my improvements. Fig. 2 is a central cross-section of the permanent portion of the top of the can. Fig. 3 is a like representation of the severable portion of the top.  
15 Fig. 4 is a like view of the permanent and severable parts arranged for being locked together, and Fig. 5 is a central cross-section of all the top parts arranged together.

Like letters of reference indicate like parts.

20 My invention relates to that class of sheet-metal cans which are provided with tops in which a disk of thin or soft metal or paper is secured, and my object is to connect the permanent and the severable parts of the top to  
25 each other with facility, which purpose I accomplish in the manner substantially such as is hereinafter described and set forth.

A represents the body of the can.

30 B is an annular ring or permanent part of the can-top, and C is the severable cover, of thin or soft metal or paper.

D is the removable lid or slip-cover.

The part B may be secured to the body A in any well known or suitable way, and is made  
35 annular in form, having a large circular opening therein, as indicated in the drawings.

a is a vertical upturned flange or rim on the part B, and a' is a horizontal flange on the cover C. The cover C is such in form and  
40 size as to adapt it fittingly to enter the opening, of which the flange a is the rim, and is sufficiently deep or dishing to depend a little way below the horizontal portion of the part B when the flange a' rests on the flange a, as  
45 is clearly indicated in Fig. 4.

To secure the part C to the part B, I place

them in a die and set down the flange a' against the side of the flange a, as shown in Figs. 1 and 5, and part C is also thus expanded below the part B, as shown at a'', a head or horizontal  
50 flange being so formed there as to operate, in conjunction with the flange a', in keeping the severable part C in firm connection with the permanent part B, and at the same time rendering the joint tight. I then fasten  
55 the top thus made to the body of the can, which should first receive its contents. I then apply the lid or cap D, which is flanged, as shown at b, to fit the vertical seam formed by uniting the parts B and C. The can is now  
60 ready for shipment, and when it reaches its destination the slip-cover D may be removed and the part C severed by being cut around near its junction with the part B. The slip-cover D may then be applied, as before, to cover  
65 the contents exposed by cutting the part C away.

Such a top will be found to be very serviceable as a top for cans in which to ship paints and like goods. It is to be understood that  
70 the part C is to be made either of paper or, preferably, of soft metal, or of metal sufficiently thin to be cut or severed with facility. The slip-cover D protects the severable part or seal C during transportation, and also serves  
75 as a cover or lid when the can is unsealed for use.

Having thus described my invention, what I claim as new, and desire to secure by Letters  
80 Patent, is—

The combination of the permanent annular ring B, provided with the inner upturned flange or rim, a, the severable cover C, provided with the flange a'', extending underneath the part B, and the flange a', turned  
85 down upon the flange a, substantially as and for the purposes specified.

CHARLES W. ELLSWORTH,

Witnesses:

N. COWLES,

W. R. JANETT.