

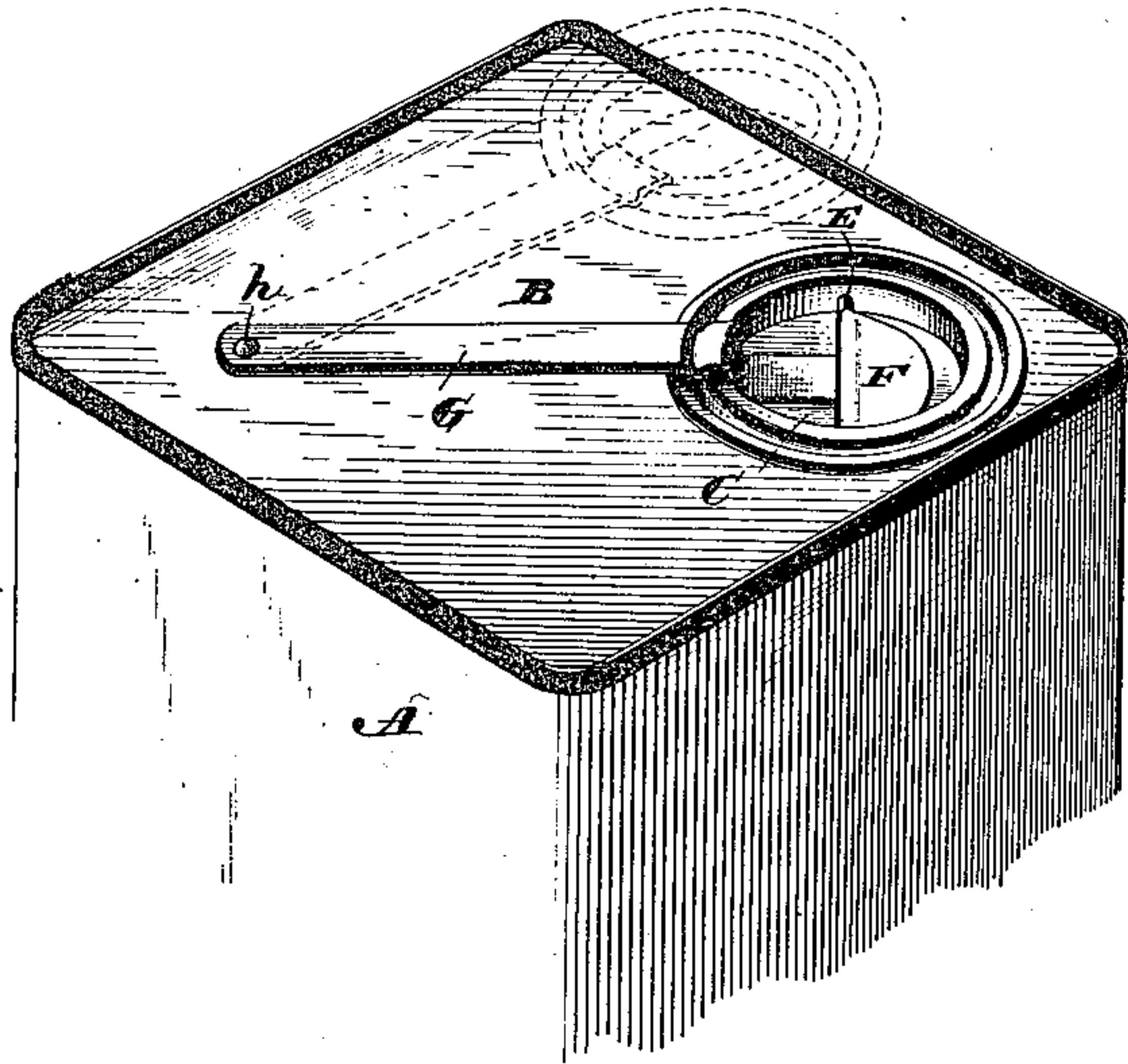
(No Model)

A. S. LAMBERT.  
CLOSURE FOR CANS.

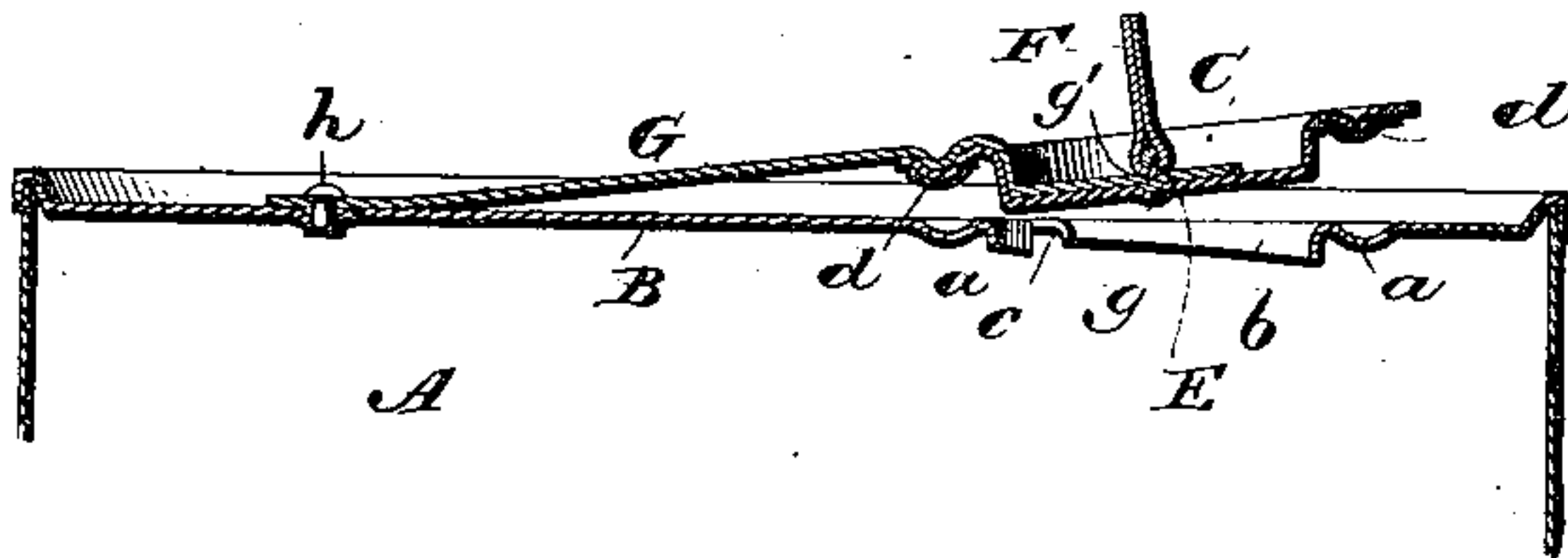
No. 428,343.

Patented May 20, 1890.

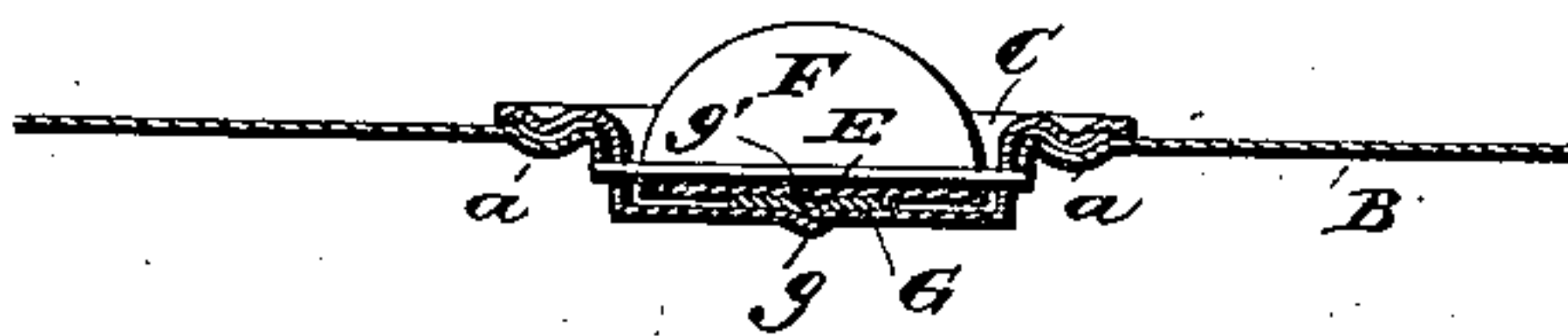
*Fig. 1.*



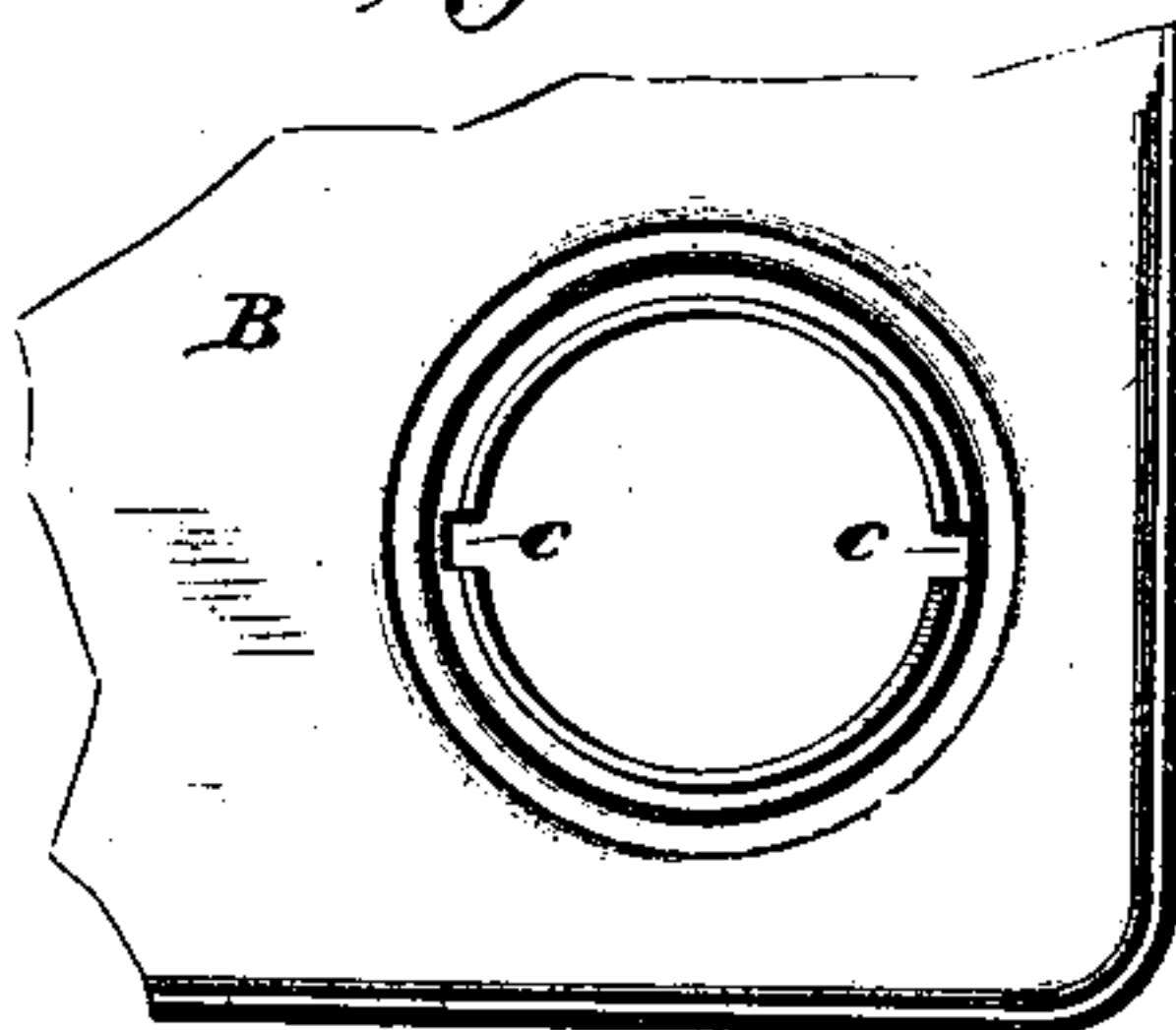
*Fig. 2.*



*Fig. 3.*



*Fig. 4.*



Witnesses  
G. S. Elliott  
E. M. Johnson.

Albert S. Lambert.

Inventor

by

*[Signature]*

Attorney

# UNITED STATES PATENT OFFICE.

ALBERT S. LAMBERT, OF BRIDGETON, NEW JERSEY.

## CLOSURE FOR CANS.

SPECIFICATION forming part of Letters Patent No. 428,343, dated May 20, 1890.

Application filed February 18, 1890. Serial No. 340,963. (No model.)

*To all whom it may concern:*

Be it known that I, ALBERT S. LAMBERT, a citizen of the United States of America, residing at Bridgeton, in the county of Cumberland and State of New Jersey, have invented certain new and useful Improvements in Tops or Closures for Cans; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

This invention relates to certain new and useful improvements in closures for cans.

The object of the invention is to provide a simple, readily-adjustable, and efficient cover for cans or vessels which will be permanently attached to the can; and it consists in the combination, with a can-top having an opening and depending flanges, the lower edges of which are oppositely inclined, of the cover or closure having a depending portion which is adapted to enter the opening, said depending portion having a transverse pin which engages with the inclined flanges, a bail secured to the stopper so as to fold, and a strip pivotally attached to the top of the can and secured to the stopper, as will be hereinafter fully set forth; and my invention also consists in the construction and combination of the parts as shown and claimed.

In the accompanying drawings, Figure 1 is a perspective view of a can-top and closure therefor constructed in accordance with my invention. Fig. 2 is a sectional view showing the closure partly raised; Fig. 3, a sectional view showing the closure in a position to close the opening in the can-top, and Fig. 4 a plan view.

A refers to a can or metallic vessel, to which the top B is secured in the usual manner, preferably so as to provide at the edge of the top a raised rim, so that the stopper and connecting-strip will be below the plane of the upper edge of the can and not interfere with the packing of such cans in boxes.

The top B is provided at a suitable portion with a circular depression *a*, within which is an opening, adjacent to which the can is bent

downwardly to present depending flanges *b*, the lower edges of which are inclined to the right and left. The can adjacent to the opening at diametrically-opposite points is cut away, as at *c*, to permit the ends of the pin carried by the stopper to pass through the same and engage with the inclined depending flanges. Above the circular groove or recess *a* may be placed a packing-ring *d* when it is desired to employ such a ring to make a tight joint.

The stopper or closure C is stamped or struck up from a single disk of metal and has a central depending portion *e*, which lies within the opening of the can-top, as well as a flange with a circumferential groove, which is adapted to lie above or within the groove or recess *a*.

Within the central depressed portion of the closure C is secured a pin E, which is located a slight distance above the bottom, and the ends thereof project sufficiently to engage with the under edges of the inclined flanges of the top B, and this pin is secured in place by solder, which makes a tight joint and prevents the pin E moving after having been secured. Over the pin is placed a piece of sheet metal F, the ends of which are bent to lie adjacent to each other, and this finger-piece can be turned so as to lie within the depressed portion of the closure. The bottom of the closure C is centrally struck up, so as to provide a nib *g*, in which will lie the end of the strip G, which has a corresponding nib *g'*. The end of this strip is bent to lie within the depressed central portion of the closure, and is also bent or struck up to conform with the upper edge thereof, and it is secured to the top of the can by a suitable pivot *h*.

To connect the can-closure with the strip G, it is only necessary to place the free end of the same under the bail or key F, and when the nib *g'* enters the depression *g* the parts will be held together, so that the closure can be turned thereon. By means of the strip G the closure is always held upon the can, and is not liable to become separated, and when it is desired to remove the closure from the can-top it can be swung to one side, as shown in dotted lines, Fig. 1.



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

1. In combination with a can-top having an opening with depending flanges, the edges of which are inclined and provided with notches, of a closure adapted to fit within the opening and provided with a transverse pin E, the ends of which project as shown, a bail or key secured upon said pin, and a flexible strip pivotally connecting the closure to the top by means of a vertical pivot to enable said strip and closure to swing laterally thereon when the closure is disengaged from the top, substantially as set forth.

2. The combination, with a can-top having an opening with inclined depending flanges and notches *c c*, of a closure having a central depending portion and circumferential flange, a transverse pin extending across the depending portion of the closure and projecting beyond the same, so as to engage with the depending inclined flanges of the top, and a flexible strip pivotally secured to said closure and the top, substantially as set forth.

3. In combination with a can having an opening with inclined depending flanges *b* and notches *c* adjacent to the ends of the inclined flanges, a closure having a central depressed portion of substantially the same diameter as the opening in the top, a transverse pin bisecting the closure and extending through the depressed outer edges thereof to engage with the inclined flanges *b*, a strip G, secured to the closure so that it can turn thereon, said strip also being pivotally attached to the can, and a hinged key or bail secured to the transverse pin E, substantially as set forth.

4. In combination with a can having a circular opening with depending flanges *bb*, the lower edges of which are inclined, notches *c*, and a circular groove or recess beyond the flanges, a closure C, having a central depressed

portion and a grooved flange, a pin or pins for engaging with the inclined flanges *b*, a strip G, pivoted to the can and provided with a bent end which extends under the transverse pin of the closure, said strip having a nib or depression *g'*, which engages with a corresponding nib or depression formed in the center of the closure, and a key F, hinged to the pin E, substantially as set forth.

5. The combination, with the can-top having an opening and depending flanges oppositely inclined and notches between the same, of a closure having vertical and horizontal marginal portions and containing a transverse rod having its ends projecting to engage the flanges, and an operating portion consisting of a bent plate embracing said rod and adapted to be turned to lie in said depressed portion, substantially as set forth.

6. The combination, with a can having an opening, of a turning stopper adapted to be secured to the top, so as to close the opening, a flexible strip or bar pivoted at one end to the can-top, the opposite end being held in pivotal engagement with the stopper, and means for turning the stopper, substantially as shown, and for the purpose set forth.

7. The combination, with a can having a circular opening with depending flanges, the lower edges of which are inclined, and notches *c c*, of a closure having a centrally-depressed portion and an outwardly-extending flange, a transverse pin extending across the depressed portion of the closure and beyond the sides thereof, and a key hinged upon said pin and adapted to be folded within the depressed portion of the closure, substantially as shown, and for the purpose set forth.

In testimony whereof I affix my signature in presence of two witnesses.

ALBERT S. LAMBERT.

Witnesses:

EDMUND HOFFMAN,

W. H. BAXTER.