

(No Model.)

2 Sheets—Sheet 1.

T. G. F. DOLBY.
MEANS FOR CLOSING CANS.

No. 284,398.

Patented Sept. 4, 1883.

Fig. 3.

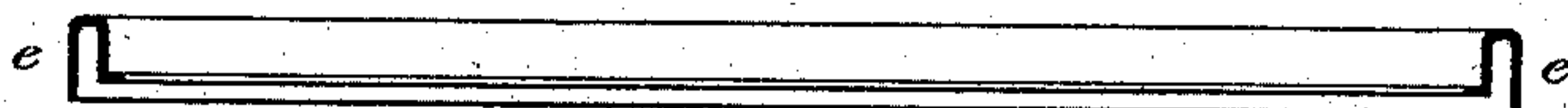
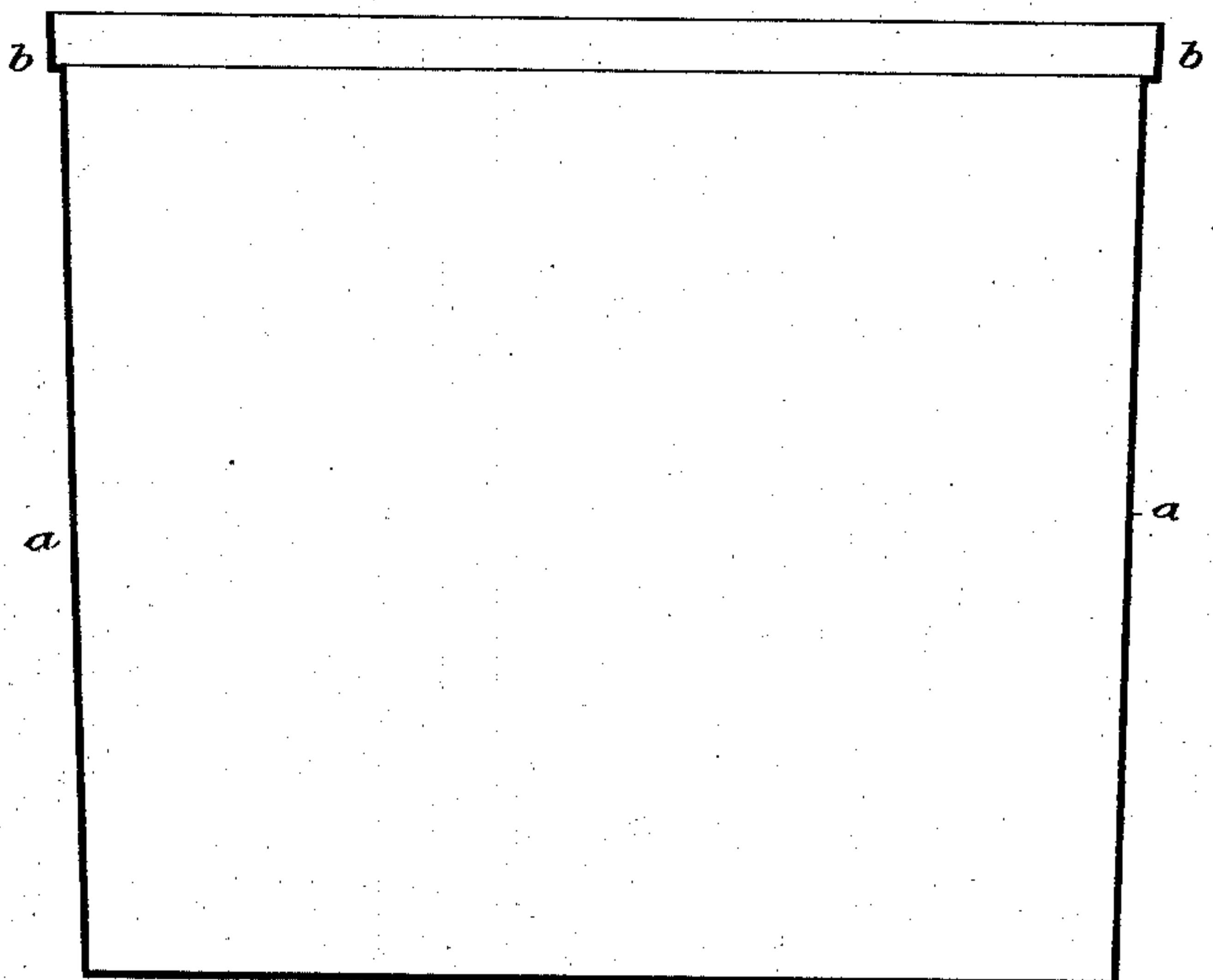


Fig. 2.



Fig. 1.



WITNESSES:

E. B. Bolton
Geo. Scrimmon

INVENTOR:

Thos. G. F. Dolby
By his Attorneys,
Burke, Fraser & Connors

(No Model.)

2 Sheets—Sheet 2.

T. G. F. DOLBY.
MEANS FOR CLOSING CANS.

No. 284,398.

Patented Sept. 4, 1883.

Fig. 4.

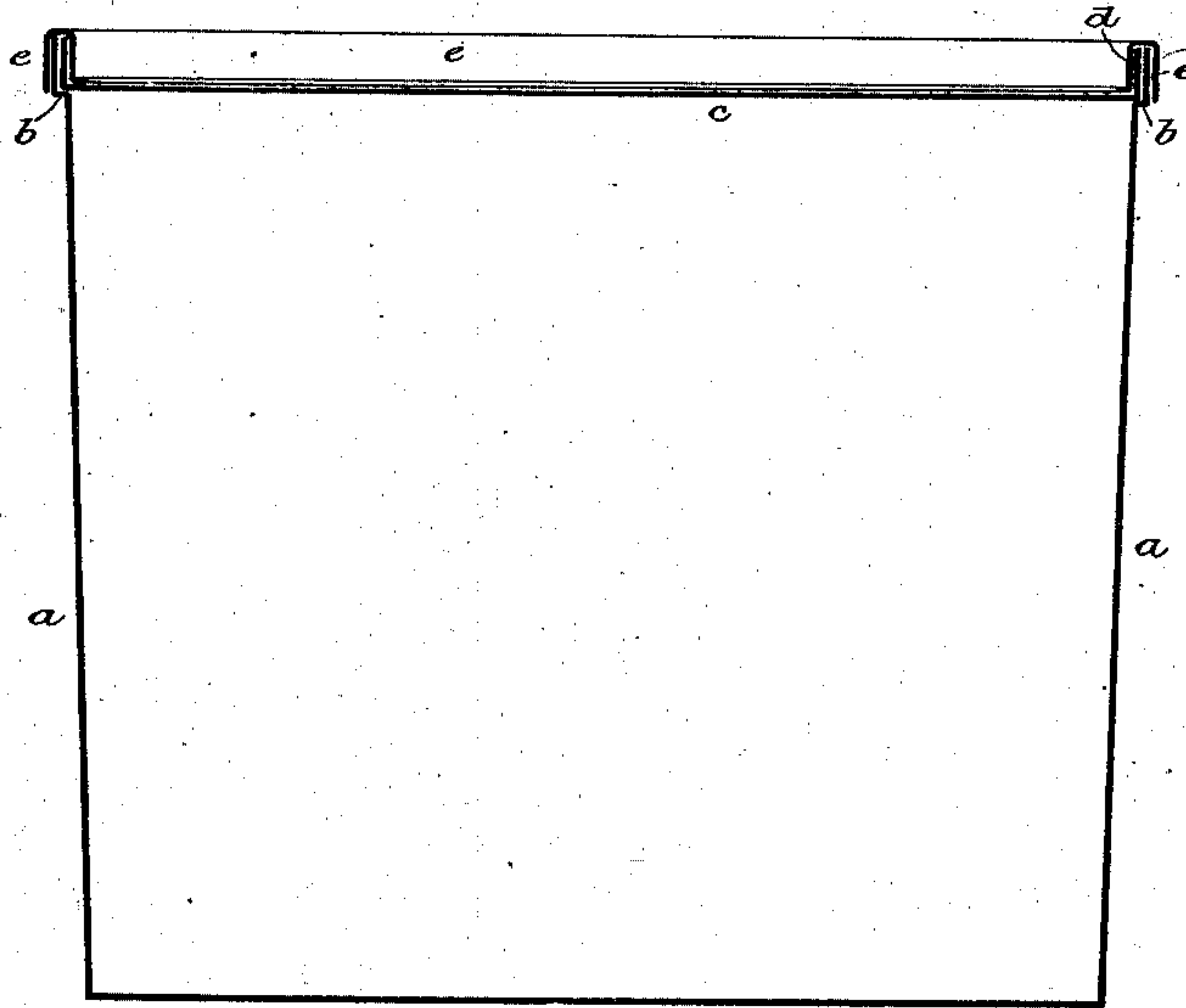
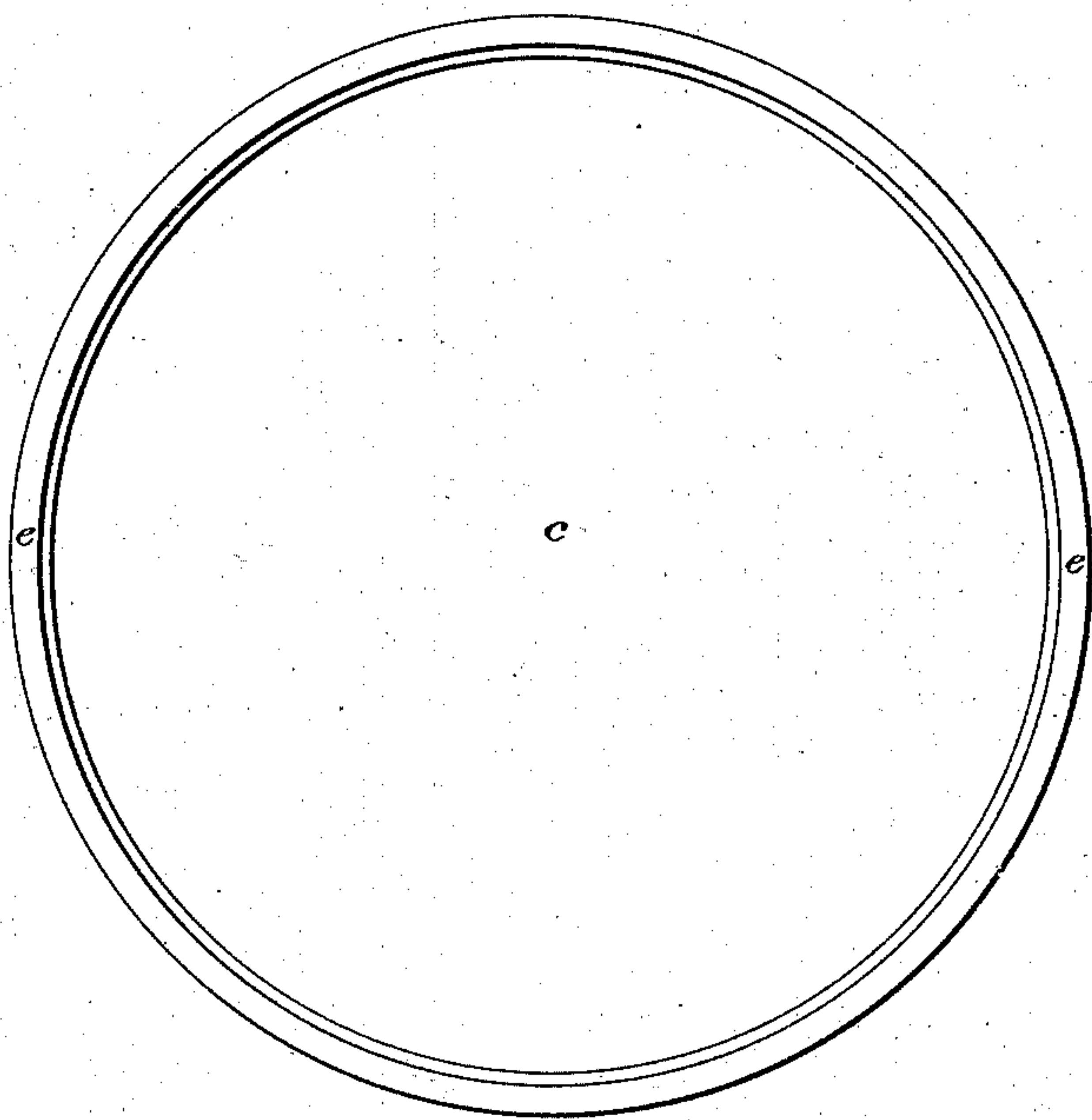


Fig. 5.



WITNESSES:

E. B. Rolton
Geo. Bainton

INVENTOR:

Thos. G. F. Dolby

By his Attorneys,

Burke, Fraser & Connell

UNITED STATES PATENT OFFICE.

THOMAS G. F. DOLBY, OF DULWICH, ENGLAND.

MEANS FOR CLOSING CANS.

SPECIFICATION forming part of Letters Patent No. 284,398, dated September 4, 1883.

Application filed July 20, 1883. (No model.) Patented in England February 13, 1883, No. 782.

To all whom it may concern:

Be it known that I, THOMAS GEORGE FONNEREAU DOLBY, of Dulwich, England, manufacturer, have invented certain new and useful Improvements in a Means of Closing Cans or Receptacles for Meat, Fish, Butter, Concentrated Milk, or other Substances, of which the following is a specification.

The object of my invention is to hermetically close cans or other receptacles so that they can be opened without cutting; and the invention consists of the combination, with a flanged cover, which rests on a shoulder in the mouth of the can, and said can of an annular ring having a horizontal flange to bear on the head of the can, and a U-shaped portion, which is placed over and clamps together the top edge of the can and the flange of the cover.

In the annexed drawings, Figure 1 is a vertical section of a can suitable for my invention. Fig. 2 is a vertical section of the flanged cover. Fig. 3 is a vertical section of the clamping ring or hoop; Fig. 4, a vertical section, and Fig. 5 a plan of the can with the cover and the hoop in place.

For the purpose of my invention I form around the inside of the can *a* (which preferably tapers slightly from top to bottom) a shoulder, *b*, at about, say, one-fourth of an inch from the top or mouth. The part from the top to the shoulder *b* is also by preference slightly tapered. Within the mouth I place, so as to rest upon the shoulder *b*, a cover, *c*, having its edge turned up in the form of a flange, *d*, the height of which is about equal to the distance between the shoulder *b* and the top or edge of the can. The edge of the can and the edge of the flange are thus flush with

each other, or nearly so. The flange *d* is likewise slightly tapered.

Over or upon the edges of the can and of the flange *d*, so as to embrace them and hold them together, I place a ring or hoop, *e*, of tin or other suitable material, having a clamping portion in section the form of a narrow inverted gutter or U—thus, U—and a lateral flange to rest on the can-head, as before stated. I pinch the sides of this hoop all around against the upper part of the can and against the flange *d* of the cover, respectively, whereby the cover is securely held in place and the joint between it and the can hermetically closed.

When it is required to open the can, a few blows from a hammer upon the upper edge of the hoop *e* will loosen or ease its sides sufficiently to allow of its being pulled off, no cutting being necessary.

What I claim, and desire to secure by Letters Patent, is—

The combination, with a can or receptacle provided with a shoulder, *b*, and the cover *c*, provided with an upturned marginal flange, *d*, of the annular hoop or ring *e*, provided with a portion having a U-shaped section to embrace the margin of the receptacle, and the flange *d*, and a lateral flange to rest on the cover, substantially as set forth.

In witness whereof I have hereunto signed my name in the presence of two subscribing witnesses.

THOMAS G. F. DOLBY.

Witnesses:

JOHN C. MEWBURN,
GEORGE C. BACON.