

(No Model.)

G. W. CODDINGTON.

FRUIT CAN FASTENER.

No. 336,796.

Patented Feb. 23, 1886.

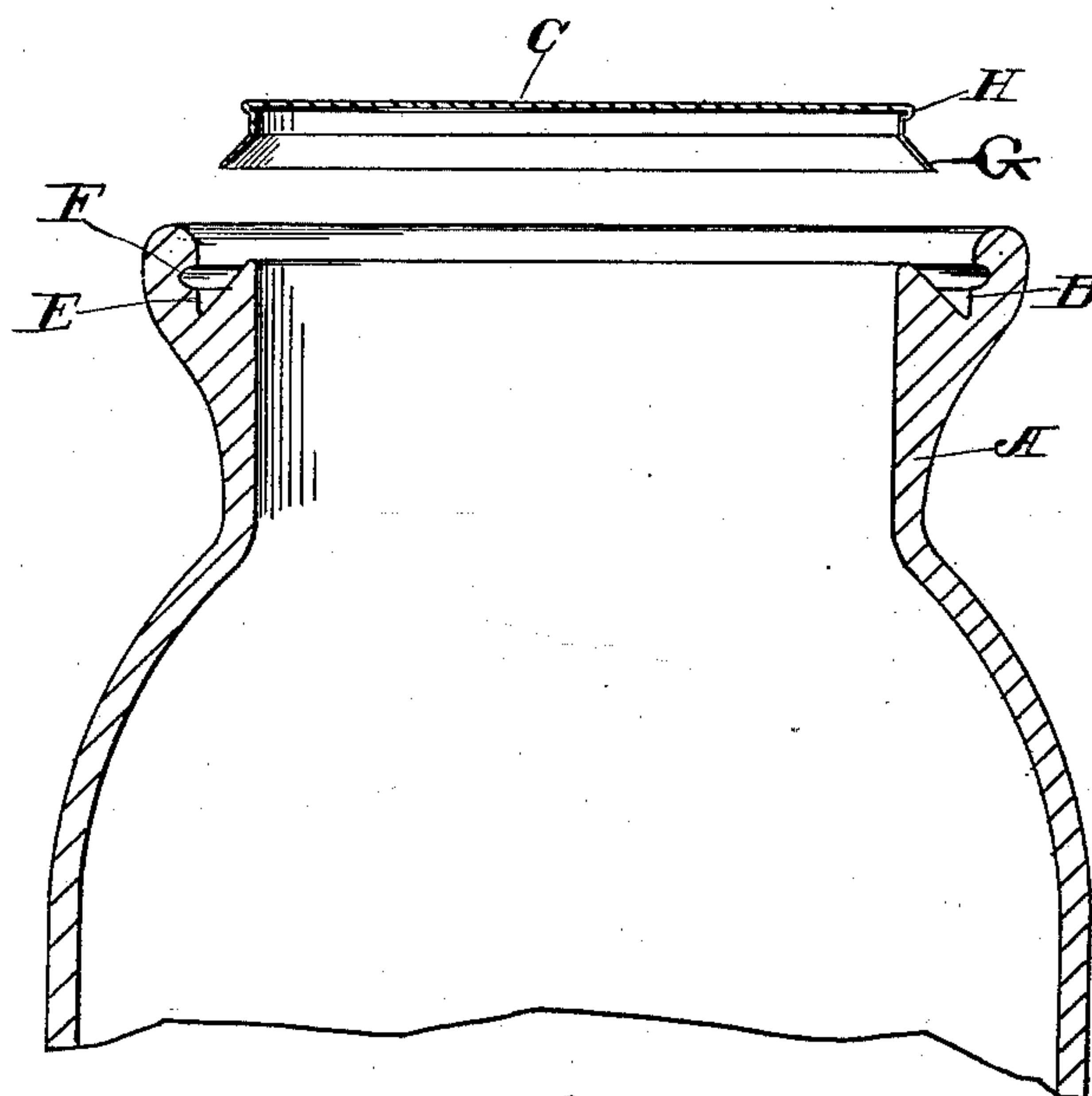


Fig. 2

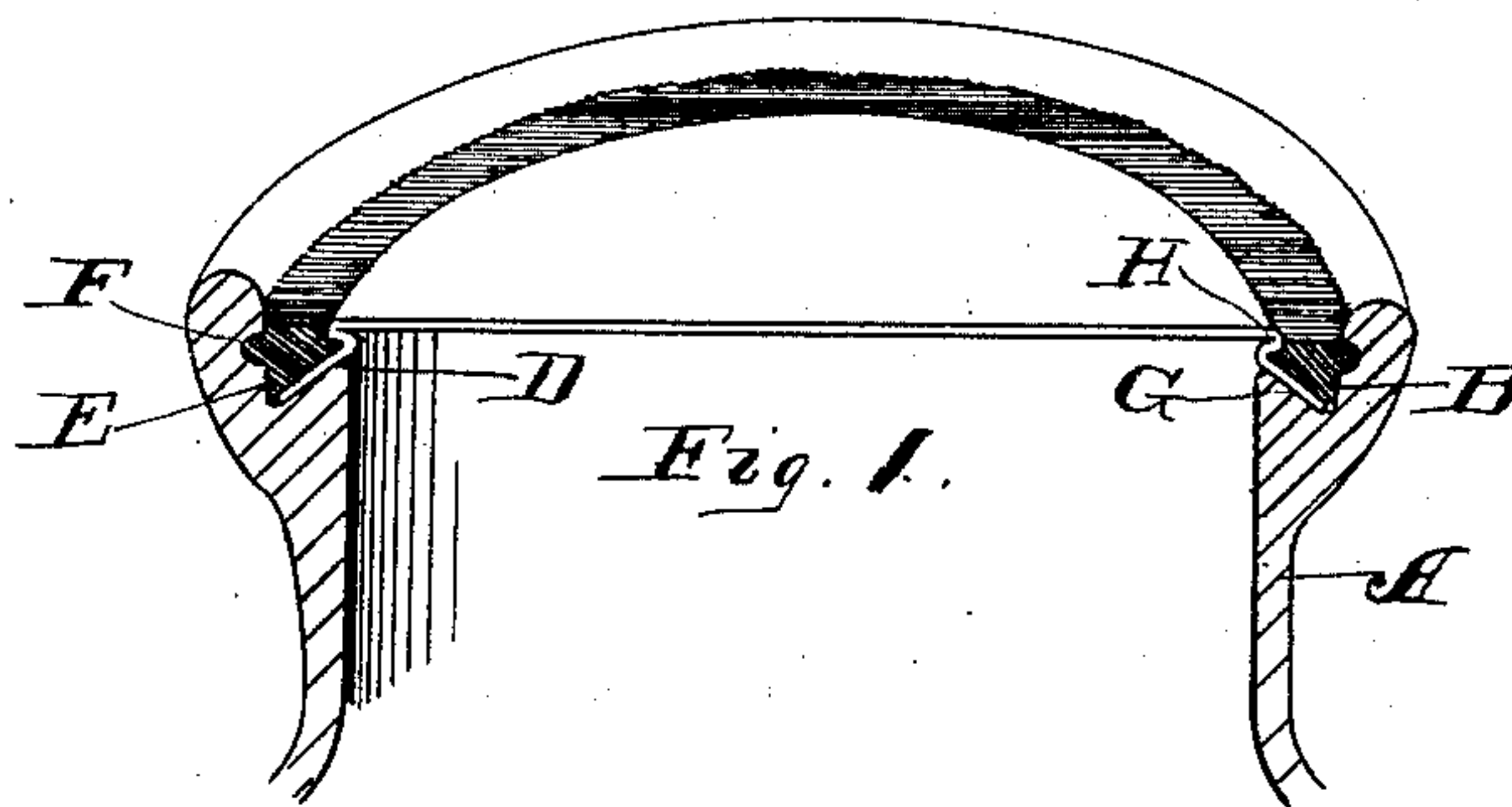


Fig. 1.

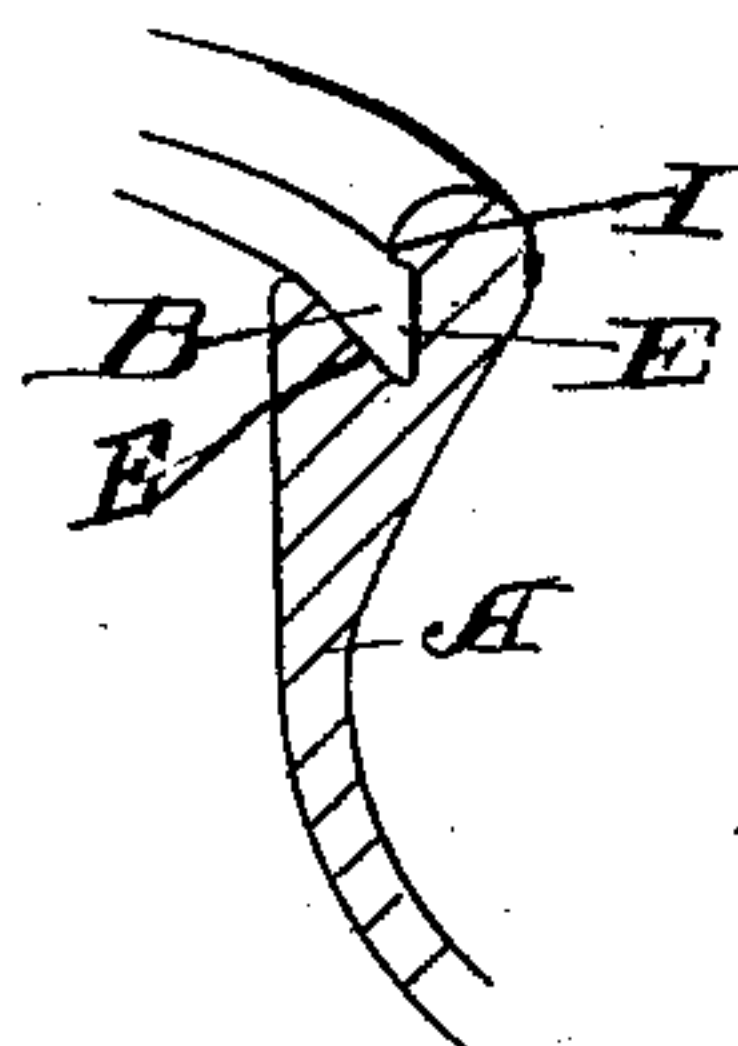


Fig. 3. By -

WITNESSES:

Robert Kirk  
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INVENTOR :

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# UNITED STATES PATENT OFFICE.

GEORGE WARREN CODDINGTON, OF MIDDLETOWN, OHIO.

## FRUIT-CAN FASTENER.

SPECIFICATION forming part of Letters Patent No. 336,796, dated February 23, 1886.

Application filed July 8, 1885. Serial No. 170,937. (No model.)

*To all whom it may concern:*

Be it known that I, GEORGE W. CODDINGTON, of Middletown, in the county of Butler and State of Ohio, have invented a new and  
5 useful Improvement in Fruit-Can Fasteners, which improvement is fully set forth in the following specification and accompanying drawings, in which—

Figure 1 is a vertical central section of a  
10 portion of the fruit-can with my improved fastener with the lid attached. Fig. 2 is a view of the same with the lid detached, and Fig. 3 a central sectional view of a modification.

15 In fruit cans or jars as usually constructed a circular groove or recess containing the flange of the lid and the sealing-wax is usually formed V-shaped, so that while the sealing material may adhere to the edges of this  
20 recess under ordinary circumstances, a slight blow on the lid will cause the sealing material to become detached therefrom, as it is only held in position on the smooth face of its groove by its adhesive qualities.

25 My invention is designed to obviate this objection; and it consists in providing the mouth of the jar with an annular groove, wherein the outer wall is vertical, and has a circumferential recess to receive a portion of  
30 the sealing-wax, which prevents it from becoming detached from the side of the groove, all of which will now be fully set forth in detail.

In the accompanying drawings, A represents a section of the fruit jar or can, the upper  
35 part being provided with the usual annular groove, B, to receive the edge of the cap or lid C. This groove B has its inner and outer edges, D and E, formed preferably with the outer  
40 wall vertical or at right angles to the plane of the lid; but it is evident that it may be either sloping or vertical, as shown in the drawings. In addition to this, however, the outer and vertical wall, E, is provided near the top with  
45 a recess, F, extending inwardly around the jar, so that when the sealing-wax or cement is placed within the groove B the said recess F is filled, and the sealing-wax will not readily become detached from the groove. The cap

or lid C is constructed in the usual manner, 50 so that its flange G will fit down into the groove B. The upper edge of the flange B is provided with a circumferential head, H. After the cap or lid C is placed in position, the usual solder or sealing-wax is run into the  
55 groove, and the recess prevents it from becoming detached from the edges of the said groove and lid, as is ordinarily the case.

Fig. 3 shows a modification of the device, where, in place of the recess F within the  
60 groove, I sometimes find it convenient to form a bead, I, at the top of its outer rim, which answers all the purposes of the said recess, though I prefer the said recess on account of its being more easily formed. 65

Since, on account of the sealing-wax adhering to the recess F, some difficulty may be found in removing the lid when it is desired to open the jar, the bead H on the upper edge  
70 of the lid is provided, so that a hold can be obtained on the edge of the lid in raising it from the groove.

It is obvious that if the outer wall of the groove were sloping the cement could be more rapidly displaced and broken off from the  
75 groove than if the outer wall were vertical, as shown.

What I claim as new is—

1. The combination of the groove with the circumferential recess in the outer wall to receive therein the cement, with the flanged lid  
80 fitting within the groove and provided at its upper edge with a bead to aid in removing the lid from the jar, substantially as herein set forth. 85

2. The combination of the jar A, the groove B, having therein the recess F, and the lid C, having the bead H, the whole arranged as and for the purpose substantially as herein set forth. 90

In testimony that I claim the foregoing I have hereunto set my hand, this 17th day of June, 1885, in the presence of witnesses.

GEORGE WARREN CODDINGTON.

Witnesses:

JAS. V. BONNELL,  
O. A. PAINE.