

G. E. HEINIG.
FRUIT CAN.

No. 105,572.

Patented July 19, 1870.

Fig. 1.

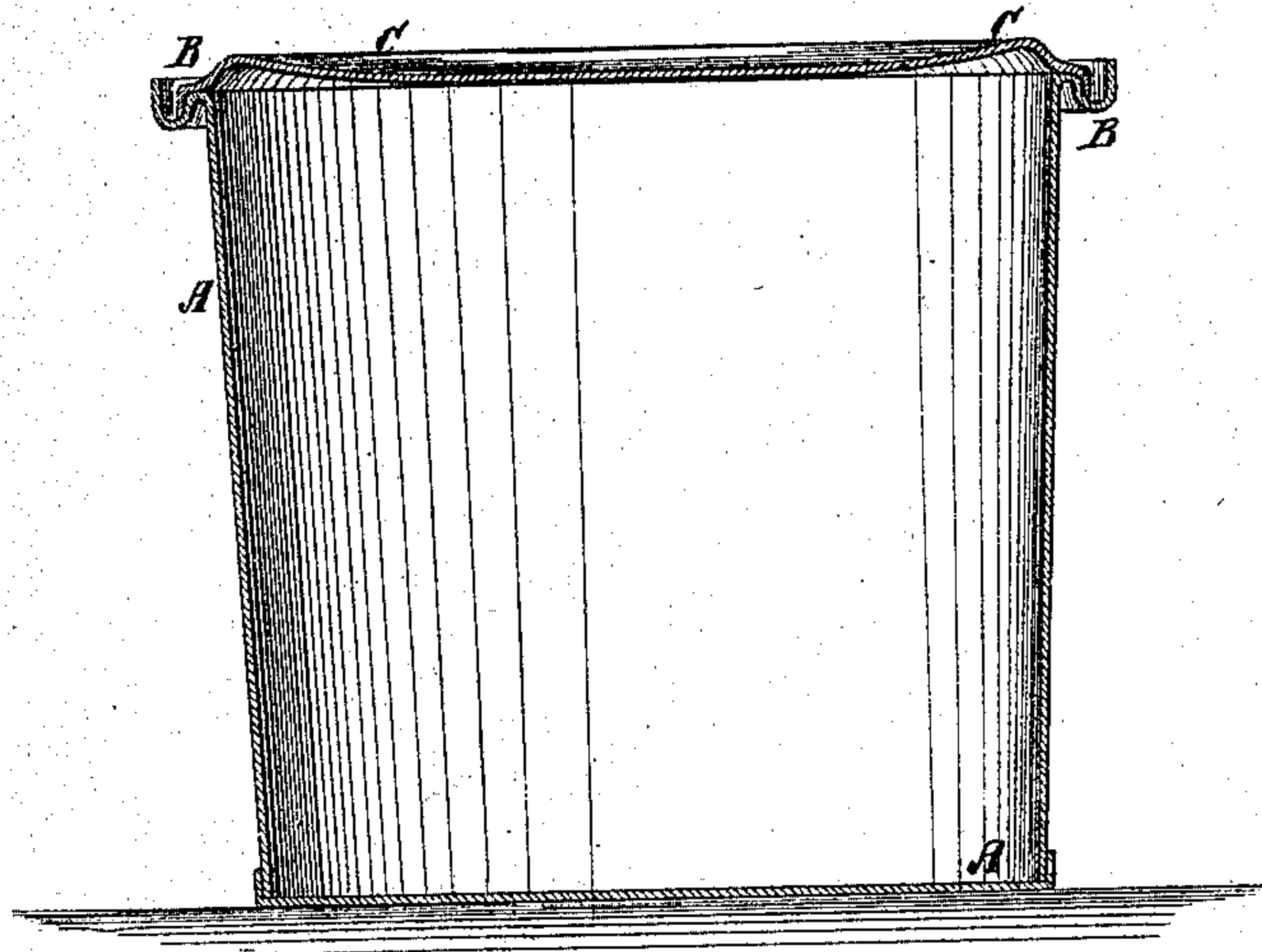
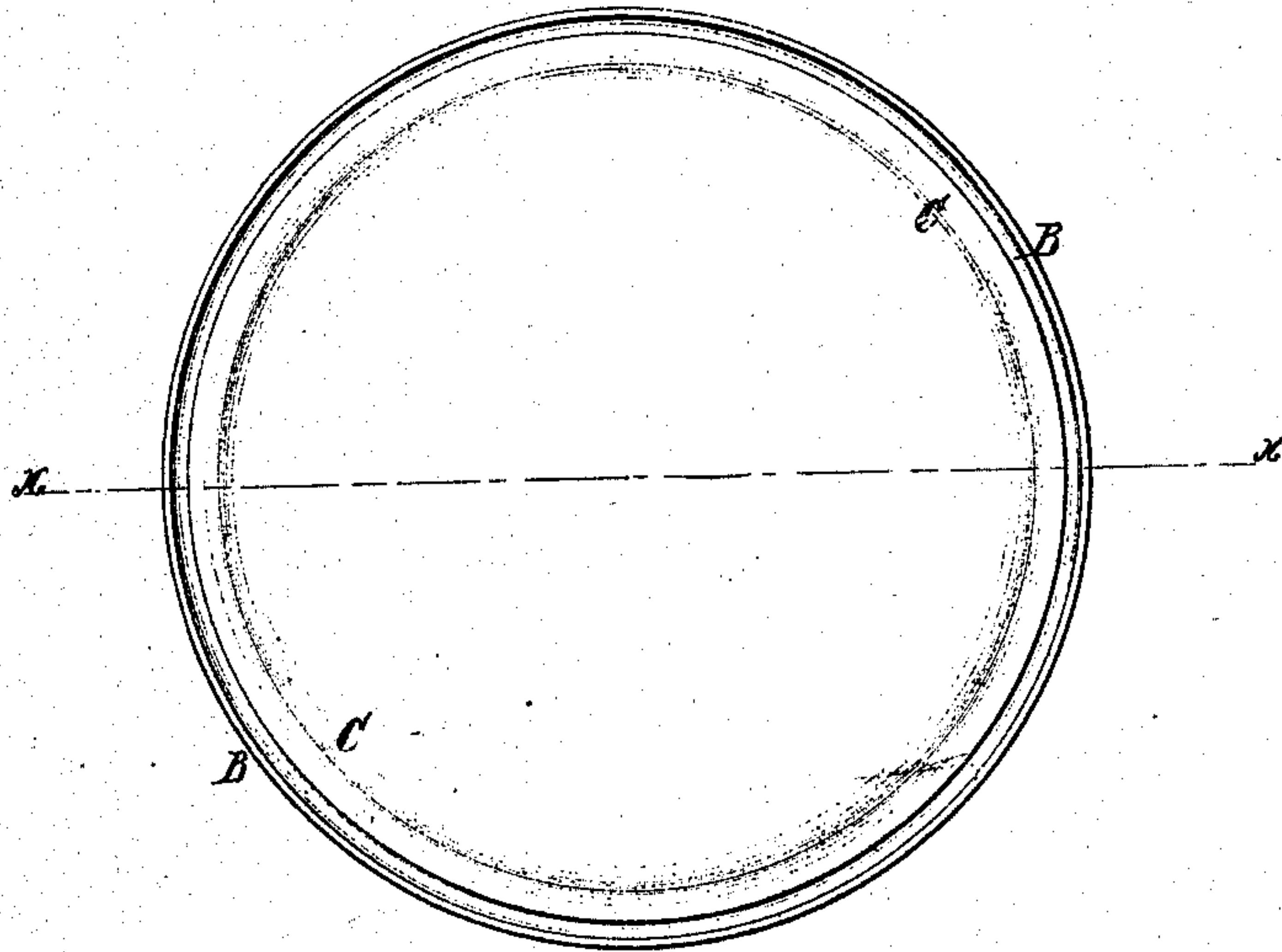


Fig. 2.



Witnesses:

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GUSTAV E. HEINIG, OF LOUISVILLE, KENTUCKY.

Letters Patent No. 105,572, dated July 19, 1870.

IMPROVEMENT IN FRUIT-CANS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, GUSTAV E. HEINIG, of Louisville, in the county of Jefferson and State of Kentucky, have invented a new and useful Improvement in Fruit-Cans; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification, in which—

Figure 1 is a vertical longitudinal section of my improved fruit-can, taken through the line *x x*, fig. 2.

Figure 2 is a top view of the same.

Similar letters of reference indicate corresponding parts.

My fruit-can is an improvement over that patented to Jacob Pfau, June 2, 1868.

In his case, the crease or groove formed around the top of the can is so made that a top or cover applied thereto must have a flaring edge, and hence the parts cannot hold tightly together.

In my improved can, the inner side or wall of the groove is made nearly or quite vertical, and the rim of the cover has a corresponding angle, so that the same will fit to its place so tightly as to scarcely require the aid of wax to produce a perfectly air-tight fruit-receptacle. In any event the amount of wax required will be very small.

I also design to make the outer edge of the groove of about the same height as the inner edge or shoulder, whereon the cover rests, so that a large amount of wax can in no case be used.

Again, the rim of the cover being vertical or nearly so, its edge has such a local relation to the inner wall

of the groove, that a knife or other suitable implement may be conveniently employed to pry up the cover.

A is the body of the can, which may be cylindrical or tapering in form, and to which the bottom of the can is seamed and soldered in the ordinary manner.

I then stretch or flare the upper portion or edge of can in a machine suitable for the purpose, and form a groove, B, therein by means of a die.

C is the cover, the edge of which is struck up, so as to be nearly or quite vertical, and thus fit into the groove B, and lie closely along the inner side of said groove B, as shown in fig. 1, to give space for sufficient wax to seal the cover securely.

The entire can is thus formed of only three pieces of tin, and the bottom and side seams are the only one requiring to be soldered.

By this construction the cover will fit or hold so tightly in place that little wax will be required, and will of itself exclude the air to such an extent that a large number of cans may be filled in succession without necessity of stopping to apply wax.

Having thus described my invention,

I claim as new and desire to secure by Letters Patent—

The improved fruit-can herein described, its body A having the groove B, whose inner wall is made vertical or nearly so, and its cover C having a rim or flange of corresponding angle, so as to fit said inner wall of the groove, as and for the purpose described.

GUSTAV E. HEINIG.

Witnesses:

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