

(No Model.)

C. M. SYMONDS.

CANISTER.

No. 277,630.

Patented May 15, 1883.

Fig. 1.

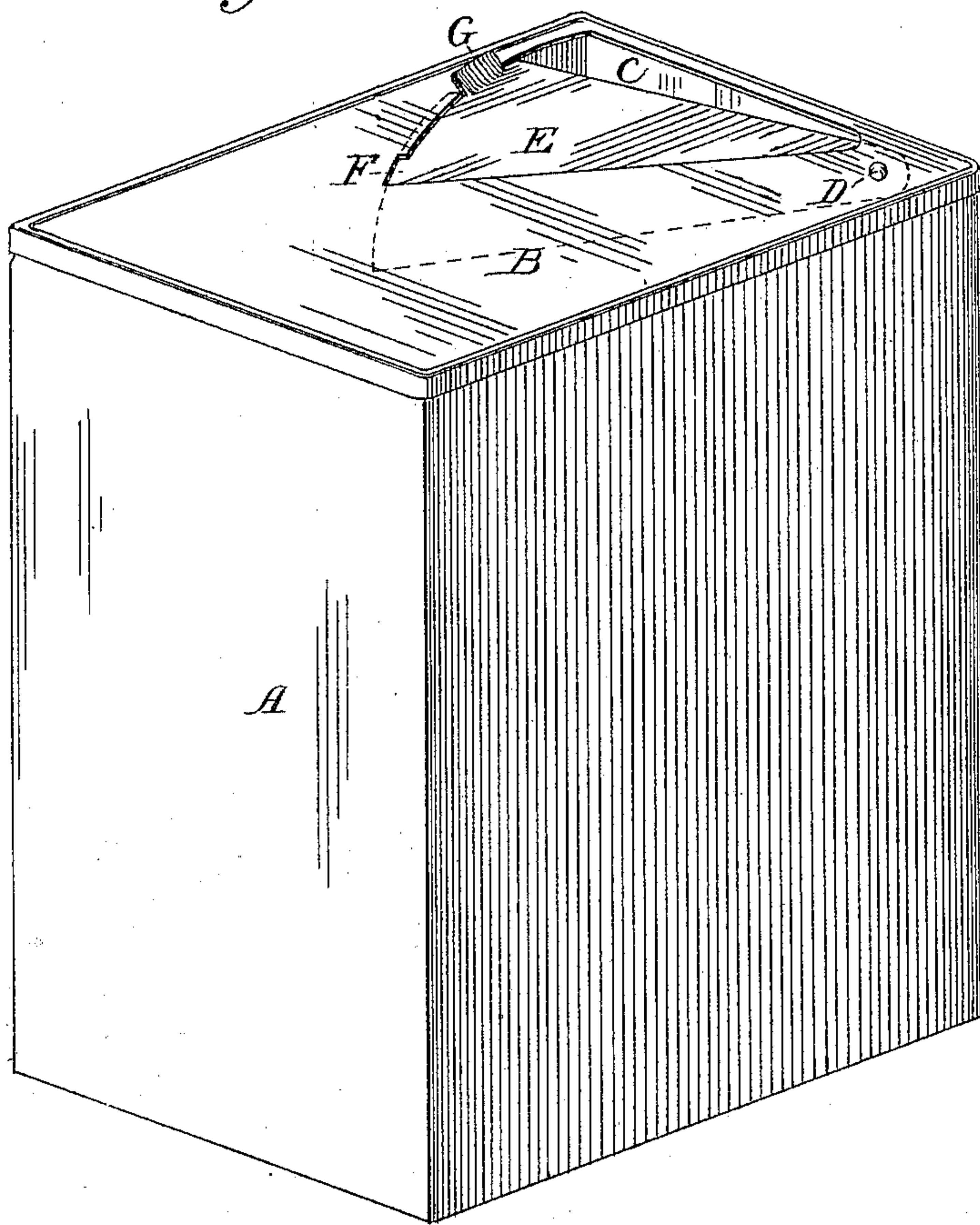
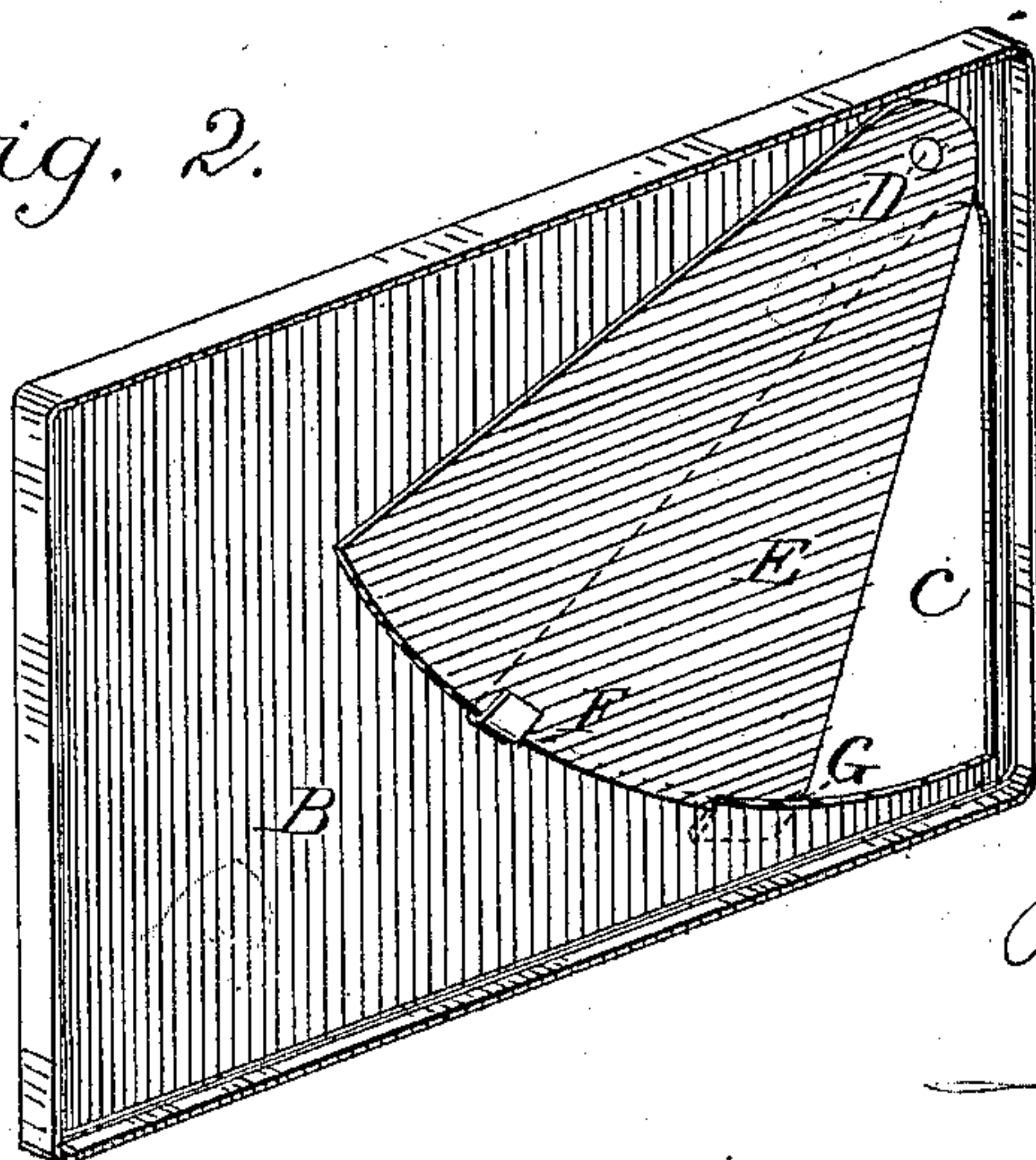


Fig. 2.



Witnesses,
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UNITED STATES PATENT OFFICE.

CLARENCE M. SYMONDS, OF SAN FRANCISCO, CALIFORNIA, ASSIGNOR TO
GEORGE H. TAY & CO., OF SAME PLACE.

CANISTER.

SPECIFICATION forming part of Letters Patent No. 277,630, dated May 15, 1883.

Application filed March 3, 1883. (No model.)

To all whom it may concern:

Be it known that I, CLARENCE M. SYMONDS, of the city and county of San Francisco, State of California, have invented an Improved Canister; and I hereby declare the following to be a full, clear, and exact description thereof.

My invention relates to an improvement in canisters—such as are usually employed to contain tea, coffee, or spices—and in an open and pivoted closing slide upon the top, which will be more fully explained by reference to the accompanying drawings, in which—

Figure 1 is a view of my canister, showing the cover partly opened. Fig. 2 is a perspective view of the inside face of the cover B, showing the cover E partly opened.

A is a can, and B is the top, having its edges crimped or flanged, so as to fit upon the body of the can.

Within the top I make an opening, C, one edge of which is parallel with and close to one side of the top. The other straight edge diverges from this at an angle, as shown, and the other edge unites these two in a curve formed from the point D as a center.

The cover E is a triangular plate of metal having its two straight sides diverging from near the point D, through which a rivet passes and holds this plate firmly to the top B, serving at the same time as a pivot about which the cover turns. The outer ends of these straight sides are united by a curved outline which corresponds with that of the opening C, but is a little larger. A notch is cut at F in the curved edge of the opening, near its junction with the under straight side of the opening, and a lip bent downward and beneath the curved edge of the cover E, which thus moves between this lip and the curved edge of the opening, being held close and guided thereby. A similar lip, G, is formed at the outer edge of the curved side of the cover E, and is bent up and over the curved edge of the opening C, so as to form a guide for this edge of the plate, and

at the same time a stop which strikes the outer edge of the opening when the cover is closed. This lip G also serves as a thumb-piece by which to open the cover when desired. The whole movement of the cover is thus made within the boundary of the top of the can, and it is not moved beyond the limits of the can when opened, so that it may be bent or otherwise injured.

I am aware that sliding and semi-rotating covers have been employed to close openings in can-tops; but in most cases these have been so pivoted as to swing outside the can when opened, and thus are in danger of injury, while my cover is entirely located and operated within the boundary of the top, and the guiding-lips cause it to move closely and make a close joint. I have here shown but one stationary guiding-lip F, but with large cans or openings it will be manifest that two or more of these guides may be formed along the line of the curve.

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

1. A can having an opening, C, formed in its top, with a depressed lip, F, at one end of the curved portion, in combination with the cover E, in the form of a sector, pivoted at D, and having the lug G above the top plate, substantially as herein described.

2. In a can having a sector-shaped opening, C, and a corresponding cover, E, pivoted at D, so as to swing within the boundaries of the top in opening or closing, the stationary depressed lip F, passing below the plate, and the upwardly-curved lip G, formed on the plate E, substantially as and for the purpose herein described.

In witness whereof I hereunto set my hand.

CLARENCE M. SYMONDS.

Witnesses:

S. H. NOURSE,
G. W. EMERSON.