

(No Model.)

W. BRUENING.
DEVICE FOR CLOSING JARS.

No. 244,846.

Patented July 26, 1881.

Fig. 1.

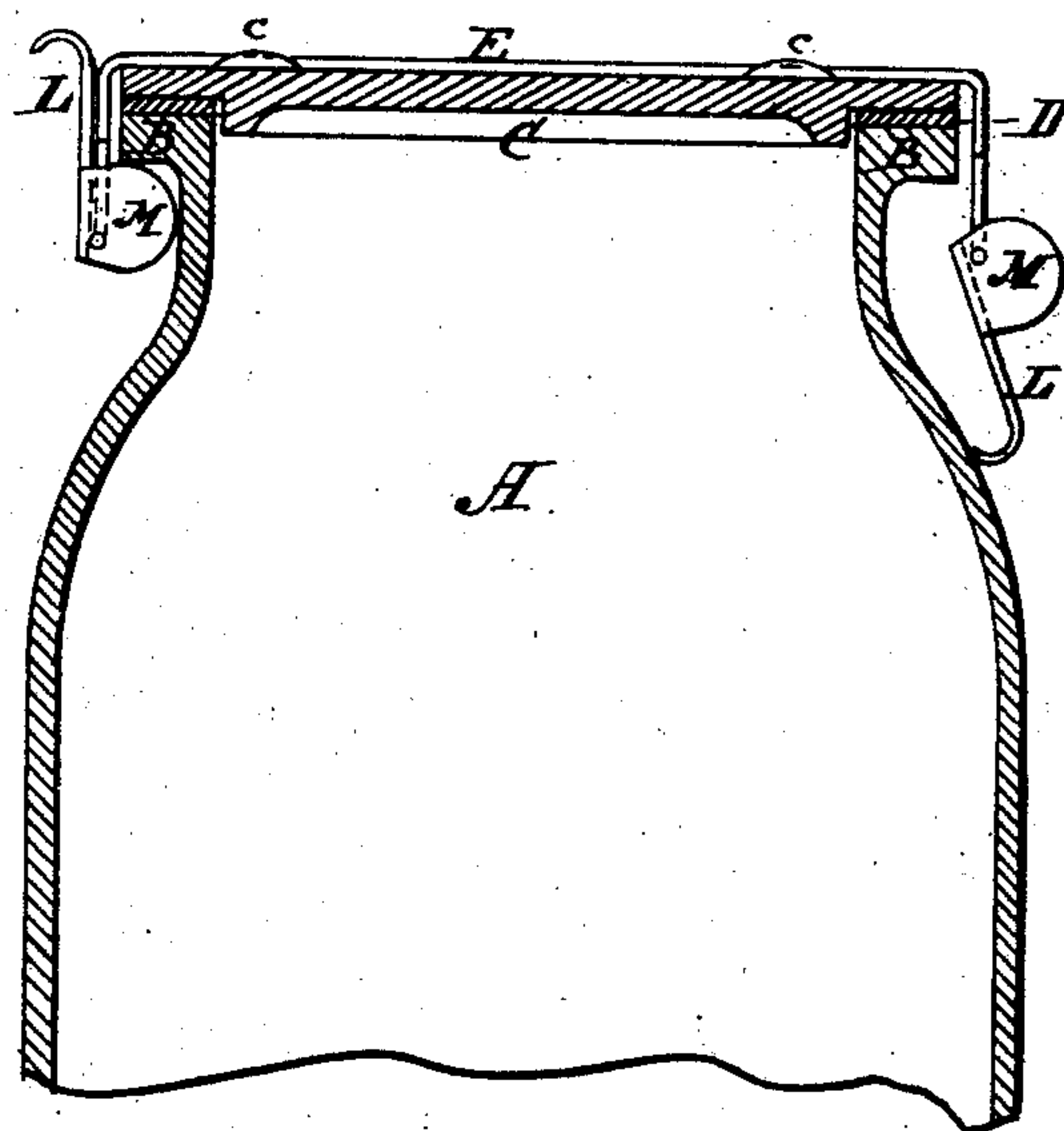
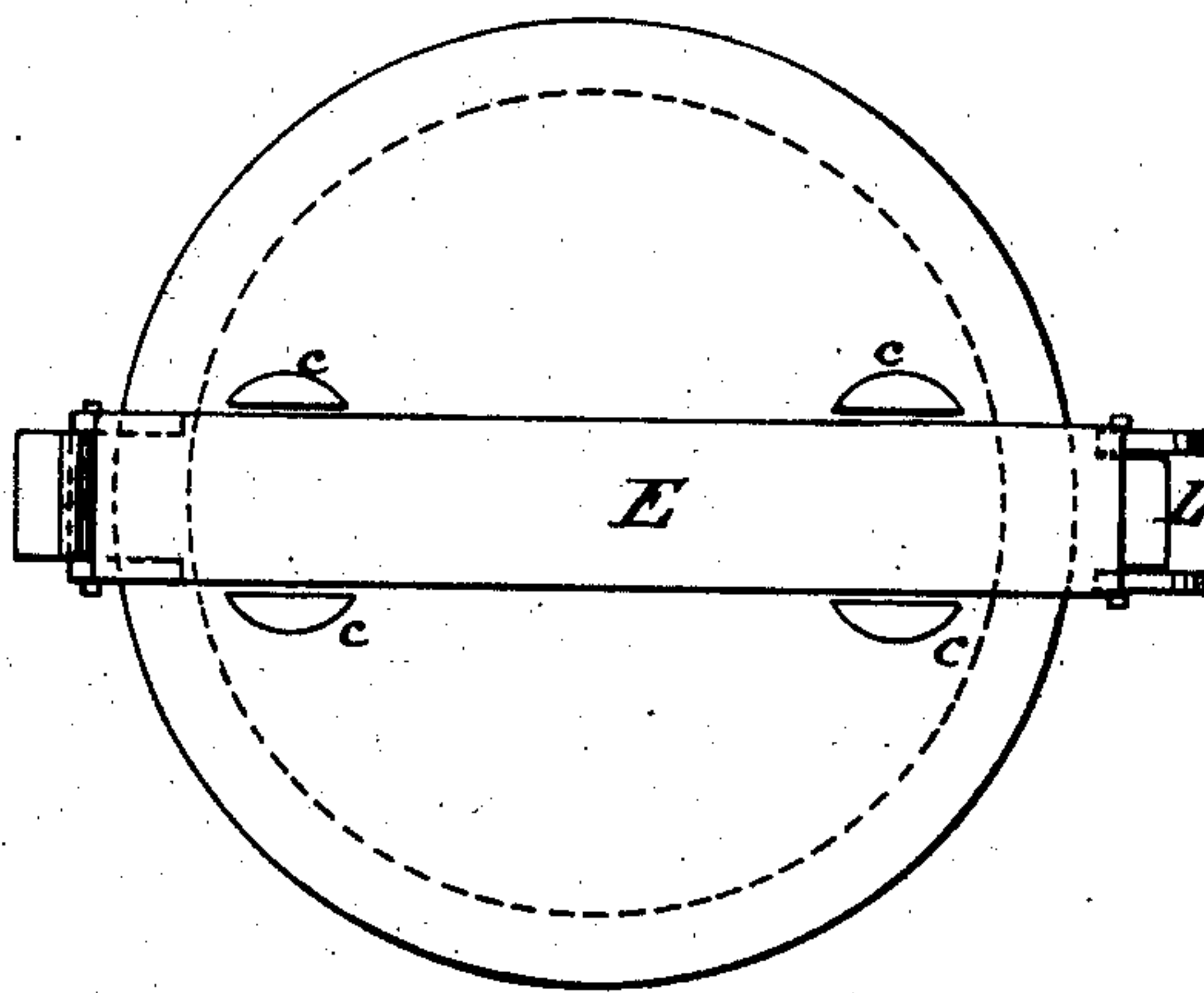


Fig. 2.



Witnesses:

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UNITED STATES PATENT OFFICE.

WILLIAM BRUENING, OF NEW YORK, N. Y.

DEVICE FOR CLOSING JARS.

SPECIFICATION forming part of Letters Patent No. 244,846, dated July 26, 1881.

Application filed June 11, 1881. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM BRUENING, of the city, county, and State of New York, have invented certain new and useful Improvements in Fastenings for Jar-Covers, of which the following is a specification.

This invention has for its object to provide simple and efficient means for closing jars; and the invention consists in the combination, with a jar, of a cover provided with upward-projecting lips or flanges on its upper surface, between which is loosely arranged a metallic or other narrow cross bar or strip, which extends continuously across the top of the cover, and has its end portions bent downward at right angles, and each provided with a pivoted cam provided with a thumb-piece, said cams being disconnected from each other, and their thumb-pieces arranged to swing in the direction of the length of the cross bar or strip for binding the cam against the under side of a lateral flange at the mouth of the jar, all as will be fully hereinafter described in detail.

The invention is illustrated in the accompanying drawings, in which Figure 1 represents a vertical sectional view of a part of a jar with my invention applied thereto, and Fig. 2 a top or plan view of the same.

The letter A indicates a jar having its mouth portion formed with an annular laterally-projecting rim, B; and C indicates a cover resting upon a packing-ring, D, as usual. The upper surface of the cover is provided with upwardly-projecting lips or flanges, as at *c c*, between which is seated a metallic or other suitable narrow cross bar or strip, E, which extends entirely across the cover and has its end portions bent downward at right angles. These bent ends are recessed to form lips, between which are pivoted cams M M, each of which is provided with a thumb-piece, L, for the purpose of manipulating them. These thumb-pieces are adapted to swing in the arc of a circle in the direction of the length of the cross bar or strip, and when the thumb-pieces are swung

downward against the neck of the jar the cams M are caused to bind against the under side of the rim B of the jar, and thereby securely clamp the cover in position. The projecting lips or flanges *c c* on the upper surface of the cover provide simple and efficient means for preventing lateral displacement of the cross-bar on the cover, while the said bar, being made in the form of a narrow strip, can be easily and cheaply stamped out from sheet metal, and, as it extends continuously across the cover, it will bear or press uniformly throughout its extent on said cover.

I am aware that a jar-cover has been clamped in place by means of swinging cams pivoted in an annular cap on the cover and connected with the ends of a bail, so that the bail can be moved to bind the cams against the under side of a rim on the jar; and I am also aware that the cover to a bottle has been provided with lips, to which are pivoted two cams having thumb-pieces, the cams being independently operated and binding under a shoulder on the bottle; but such structures do not constitute my invention and are not claimed.

What I claim is—

In combination with a jar having an external rim near its mouth, a cover provided on its upper side with lips or flanges, and a separate cross-piece extending continuously across the cover between said lips or flanges, and having its ends bent downward and provided with pivoted cams having thumb-pieces adapted to swing in the direction of the length of the cross-piece for binding the cams against the under side of the rim on the jar, substantially as described.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

WILLIAM BRUENING.

Witnesses:

ERNST BILHUBER,
C. ENGELMANN.