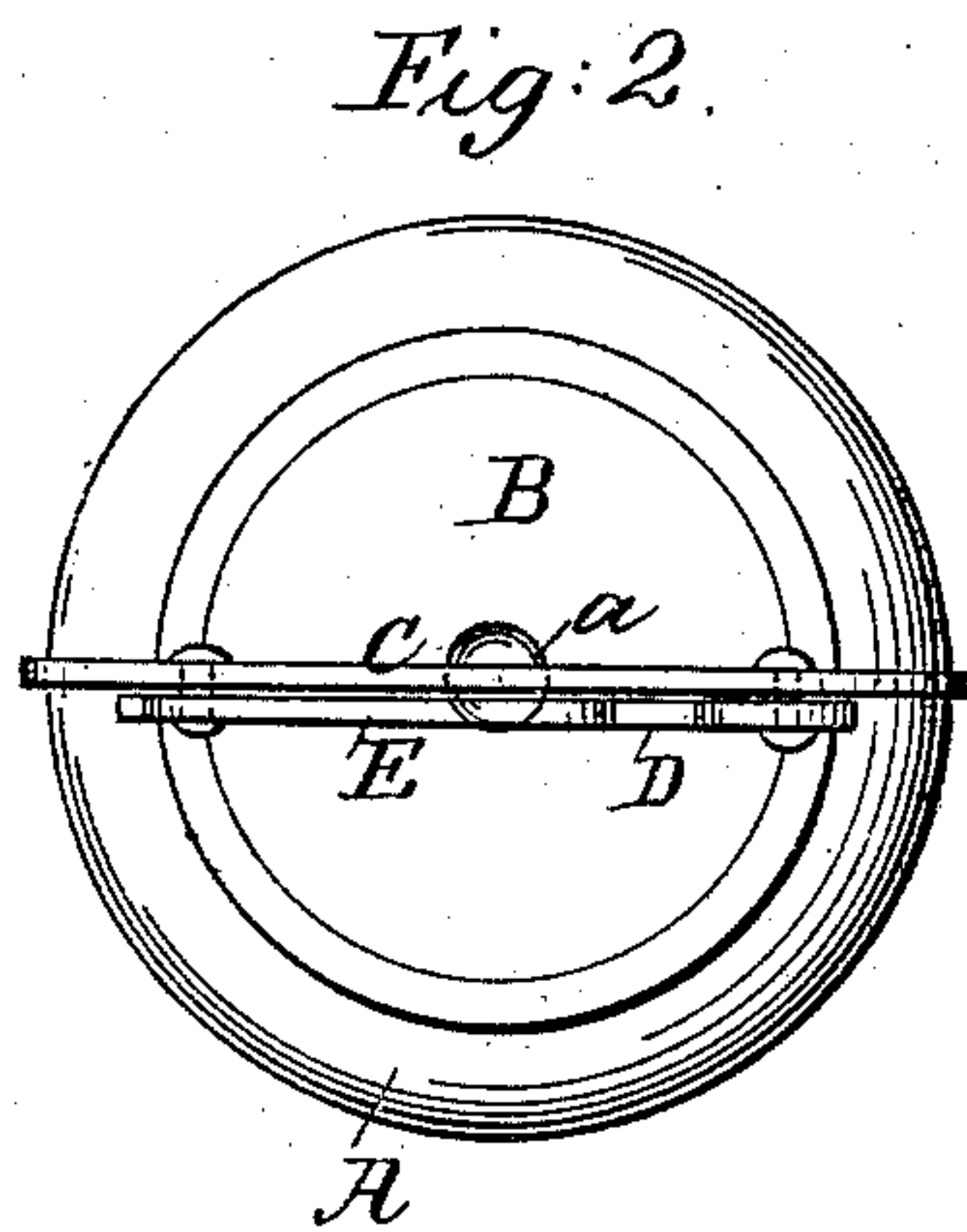
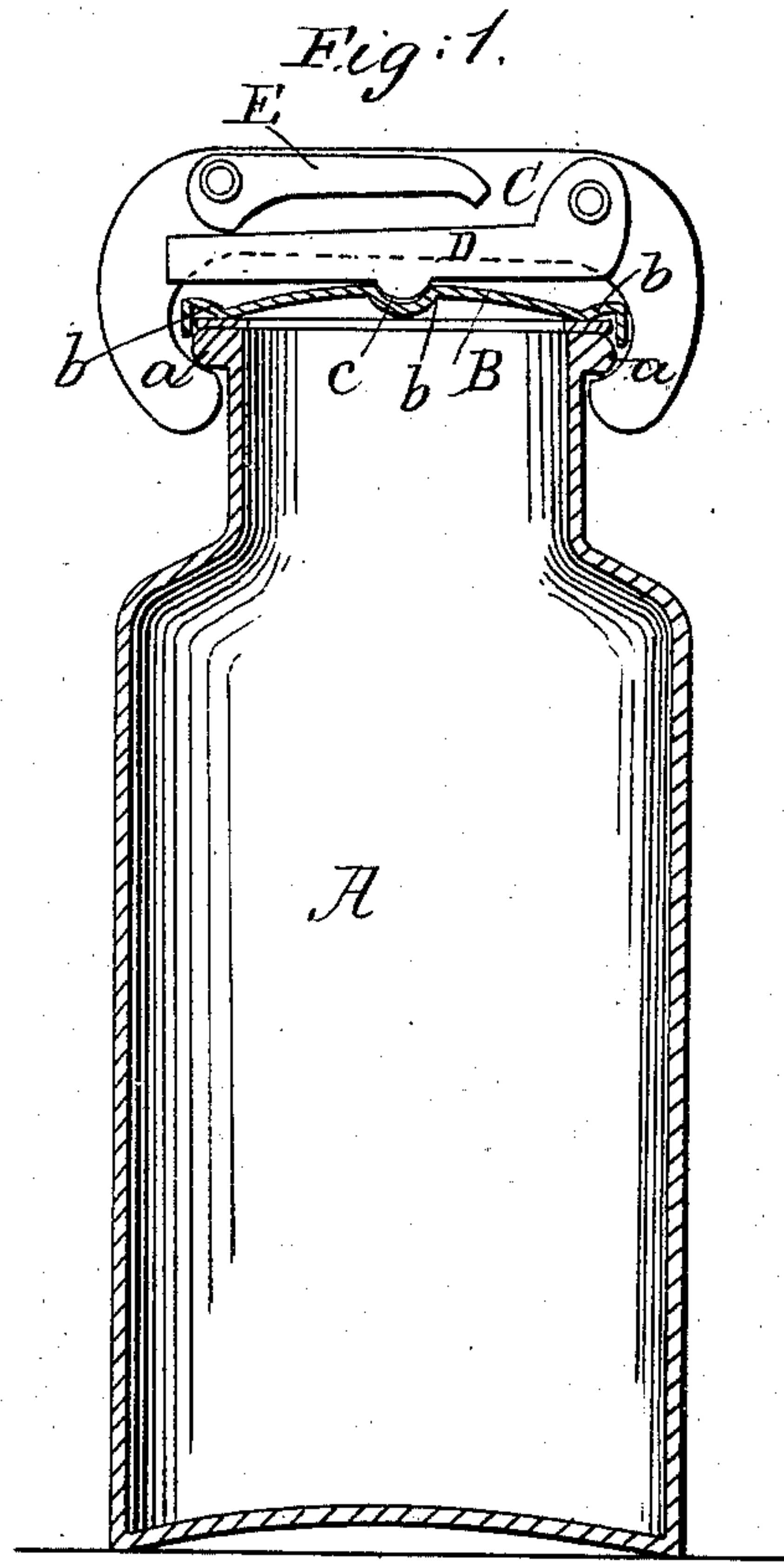


J. F. WINCHELL.

Fruit Jar.

No. 58,185.

Patented Sept. 18, 1866.



Witnesses.
J. B. Cunningham
Alex. S. Roberts.

Inventor.
James F. Winchell
Per *[Signature]*
Attorneys

UNITED STATES PATENT OFFICE.

JAMES F. WINCHELL, OF SPRINGFIELD, OHIO, ASSIGNOR TO HIMSELF AND JOSEPH LEFFLER, OF SAME PLACE.

IMPROVED FRUIT-JAR.

Specification forming part of Letters Patent No. 58,185, dated September 18, 1866.

To all whom it may concern:

Be it known that I, JAMES F. WINCHELL, of the city of Springfield, Clarke county, and State of Ohio, have invented a new and Improved Top for Fruit-Jars; 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 drawings, forming part of this specification, in which—

Figure 1 is a longitudinal vertical section of my invention. Fig. 2 is a plan or top view of the same.

Similar letters of reference indicate like parts.

My invention consists, first, in the construction of a cap or cover for fruit-jars, &c., with a convex upper face; and, second, in the employment and arrangement of a cam-lever and pressure-lever upon a clamping or cross piece in such manner that the cap can be pressed tightly upon the jar and quickly relieved from pressure when desired, none of the parts being in anywise damaged by repeated use, but on the contrary remaining in a proper condition for continued use.

A represents an ordinary fruit-jar with a flange, *a*, around its top, which I have illustrated to show the application of my invention.

B is the cap or cover, which may be made of tin or other metal. This cap is made with a convex upper surface, and has a shallow recess, *b*, formed in it near its center, and its edges are swaged over to enable it to be placed as a cap upon the head of the jar. All around its circumference on the under side, at a suitable distance from its edge, a bead is made by depressing or making a groove on the upper side, as shown at *b*, Fig. 1. This bead presses down upon the packing placed upon the top of the jar, and makes an air-tight joint.

C is a piece of metal so constructed and shaped that its two ends will pass under the flange around the mouth of the jar, and thus constitute a clamp or "bridge," as I term it,

when the cap is placed on the jar. Its position on the jar is clearly shown in Fig. 1.

D is the pressure-lever, and this is hinged to the bridge C so that it lies in a position parallel with the length of the bridge. On its under side or edge is formed a projection, *c*, which is intended to sink into the recess A in the cap.

E is the cam-lever, which is also pivoted to the bridge C at its end opposite to that where the pressure-lever D is pivoted. The end of this cam-lever is so formed that when its handle is thrown up in a vertical position the pressure will be taken from the lever C, but when the handle is folded down the pressure-lever D will be caused to force its projection *c* into the recess *b* in the cap, and thus lock or secure the cap to the jar.

The above describes the application of the device to the cap or cover of a glass jar; but I will here remark that it can be equally as well applied to tin cans. For instance, an eye or staple may be secured to opposite sides of the can, and the bridge, instead of being covered at the ends to form a clamp, may be straight, and capable of being thrust through the said eyes or staples. Thus the operation of the other parts would be the same as before described.

I do not confine myself to the particular arrangement herein shown and described.

Instead of constructing the cap or cover B with a convex upper surface, I propose to construct the same with a concave upper surface.

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

1. The circular bead *b* on the under side of the cap B, for the purpose herein described.
2. The pressure-lever D, having projection *c*, and cam-lever E, in combination with the bridge C and cap B, when arranged to operate substantially as described.

JAMES F. WINCHELL.

Witnesses:

WILLIAM WINCHELL,
WM. L. WINCHELL.