

J. BORDEN.

Fruit Jar.

No. 61,921.

Patented Feb. 12, 1867.

Fig. 1.

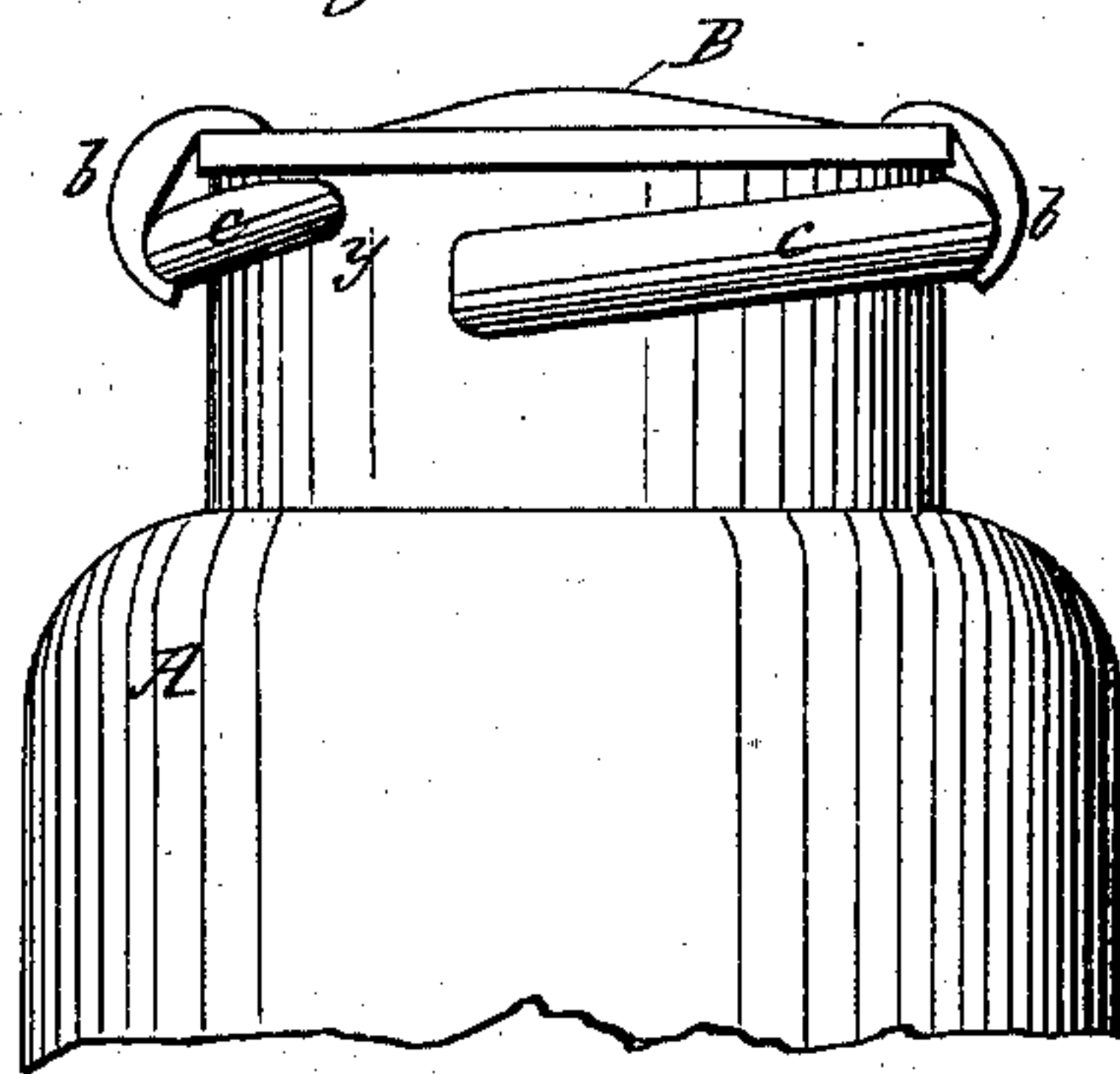


Fig. 2.

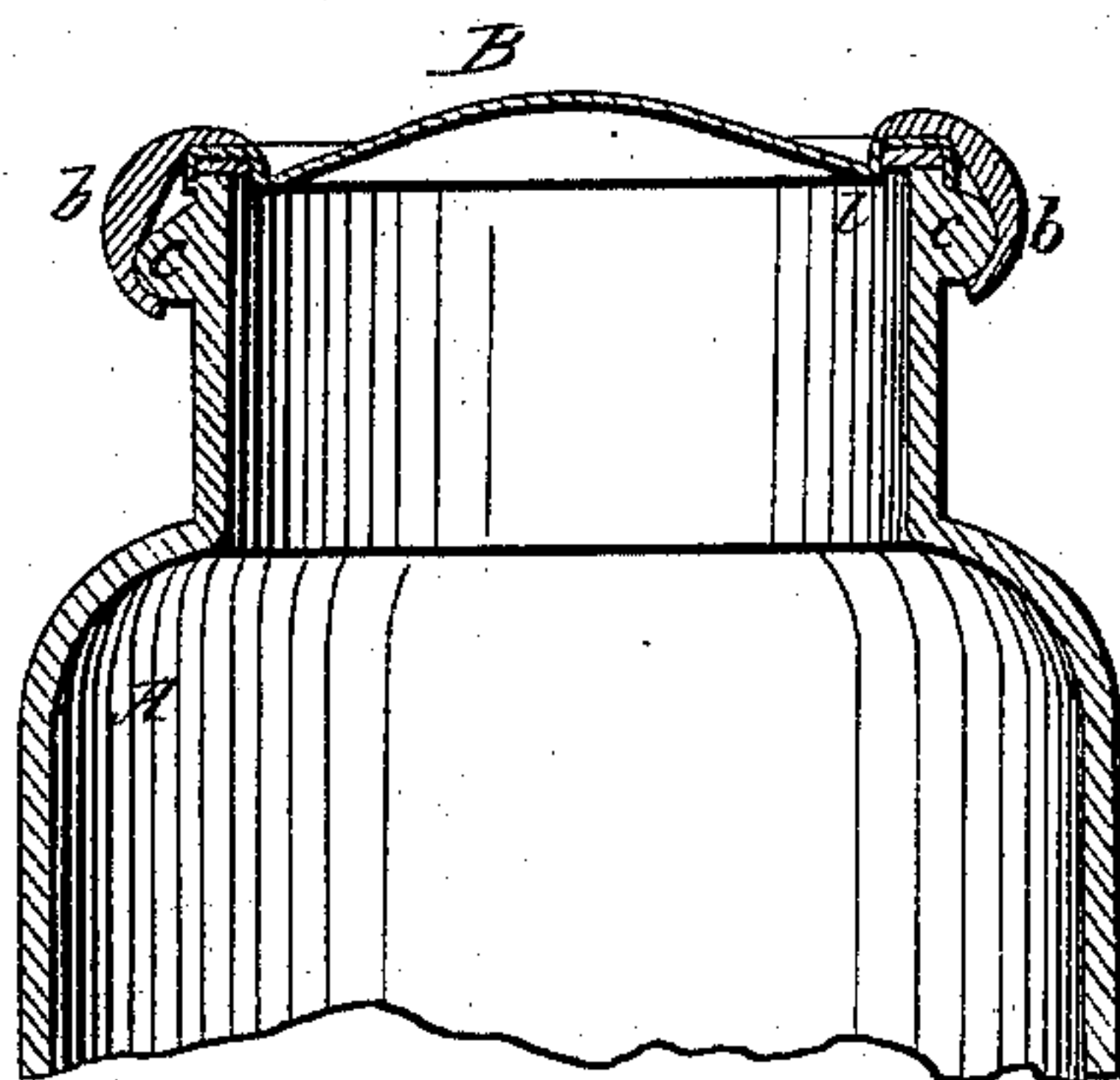


Fig. 4.

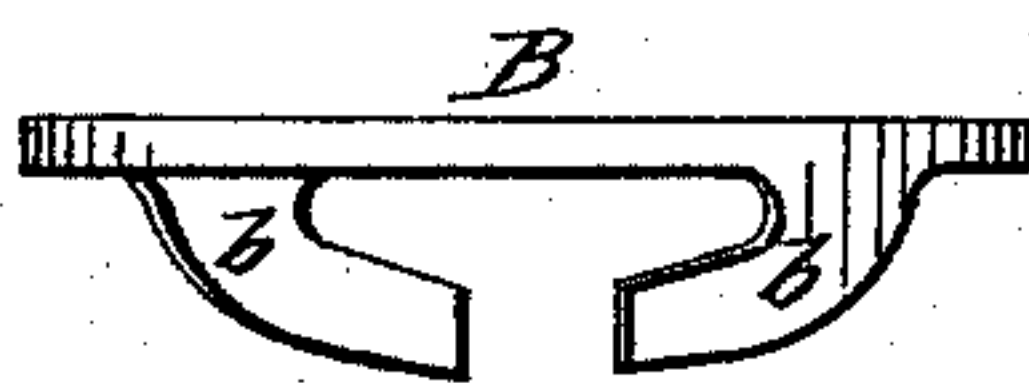
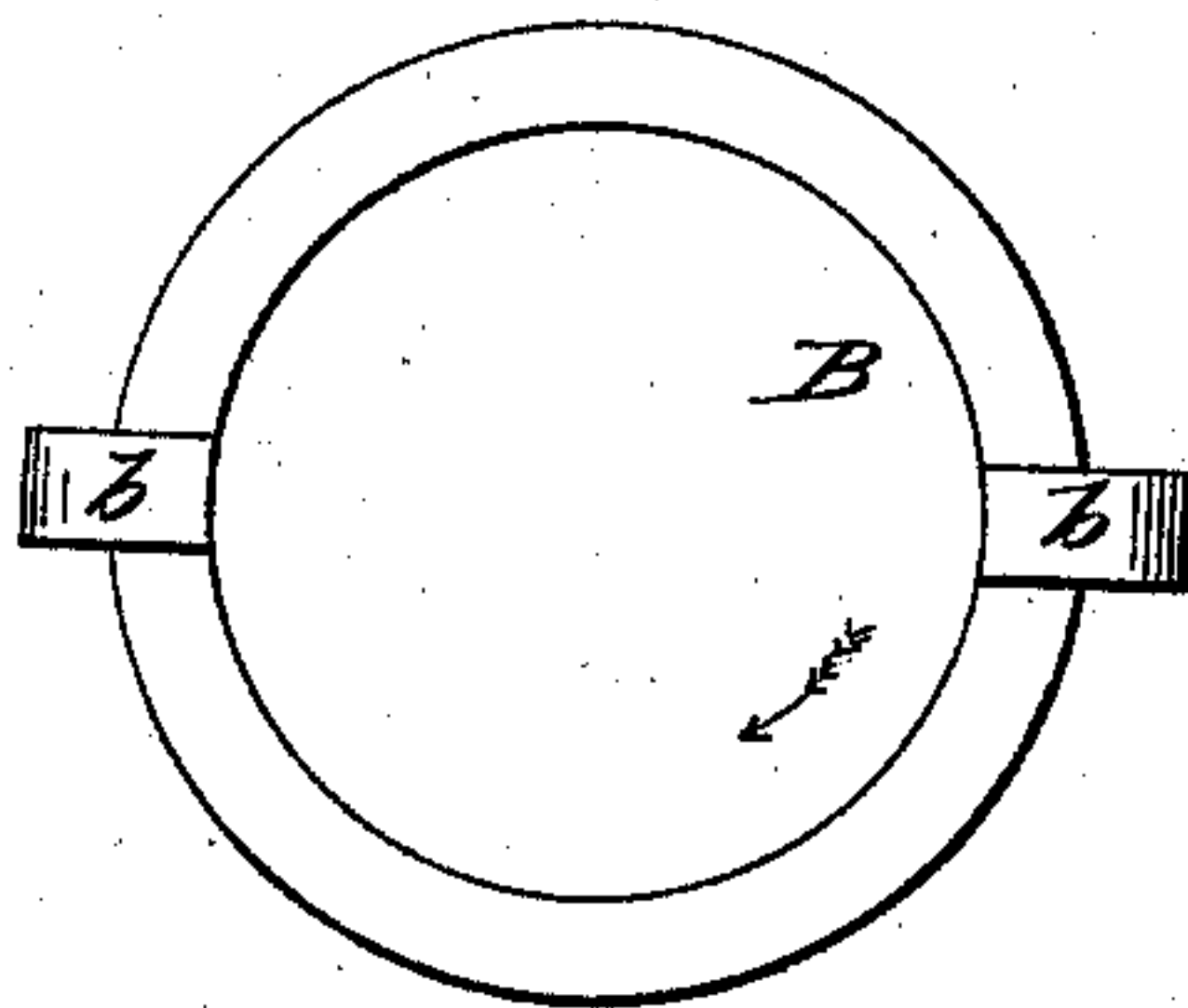


Fig. 3.



Witnesses:

Wm. Albert Steel
John Parker

Inventor:

J. Borden
By his attorney
H. Howson

United States Patent Office.

JOSEPH BORDEN, OF BRIDGETON, NEW JERSEY, ASSIGNOR TO F. & J. BODINE, OF PHILADELPHIA, PENNSYLVANIA.

Letters Patent No. 61,921, dated February 12, 1867.

IMPROVED CAP FOR PRESERVING-JARS.

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, JOSEPH BORDEN, of Bridgeton, Cumberland county, New Jersey, have invented an Improved Cap for Preserving-Jars; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawing, and to the letters of reference marked thereon.

My invention consists of a disk or plate, of any suitable material, having two or more arms projecting from the sides of the same, and constructed and adapted for attachment to a jar having ribs or projections at the outside of the neck, as fully described hereafter; the said cap being cheap, durable, and efficient.

In order to enable others skilled in the art to make and use my invention, I will now proceed to describe its construction and operation, reference being had to the accompanying drawing, which forms a part of this specification, and in which—

Figure 1 is an exterior view of a preserve jar with my improved cap.

Figure 2, a vertical section.

Figure 3, a plan view of the cap; and

Figure 4, a modification.

A is a jar, and B is a cap, which, in the present instance, consists of a thin metallic disk or plate, stamped to the proper form, and having an annular recess at the under side for the reception of a gum ring, *i*, the latter bearing on the upper edge of the neck of the jar. At opposite sides of the cap B are curved arms *b b*, the lower end of each of which projects inwards beneath an inclined rib or projection, *c*, on the outside of the neck of the jar, and between the ends of the adjacent ribs are recesses *y*. When the jar is to be sealed, the cap is brought over the same, and is depressed until the gum ring *i* rests on the upper edge of the neck, the arms *b b* passing through the recesses *y*. The cap is now turned in the direction of its arrow, fig. 3, when the ends of the arms *b b* will be brought beneath and in contact with the inclined lower edges of the ribs *c c*, so that the cap is drawn downwards, and the gum ring *i* is so compressed between the cap and the jar as to effectually prevent the passage of air between them. When the jar is to be unsealed, the cap is turned back until the arms *b b* are opposite the recesses *y y*, and is then removed. The disk and its arms may consist of a single piece of cast or malleable iron or other metal, or of wood or other suitable material; inclined recesses may also be substituted for the inclined ribs *b b* on the neck of the jar. In the modification shown in fig. 4, the arms *b b*, instead of being curved inwards, are inclined to one side, so that when their upper inclined edges are brought beneath projections on the jar the cap will be drawn downwards. The number of arms *b* and ribs *c* may be increased, if desired; the gum ring *i* also, instead of fitting in a recess in the cap, may rest on a shoulder, or in a recess, at the edge of the neck of the jar.

I claim as my invention, and desire to secure by Letters Patent—

A cap, consisting of a disk, B, and arms *b b*, the whole being constructed and adapted for attachment to a jar, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JOSEPH BORDEN.

Witnesses:

A. RAMSEY, Jr.,

J. H. SHEPPARD.