T. McSPEDON & J. STEGER.

Fruit-Jars.

No. 126,561. Patented May 7, 1872.

Fig. 1.

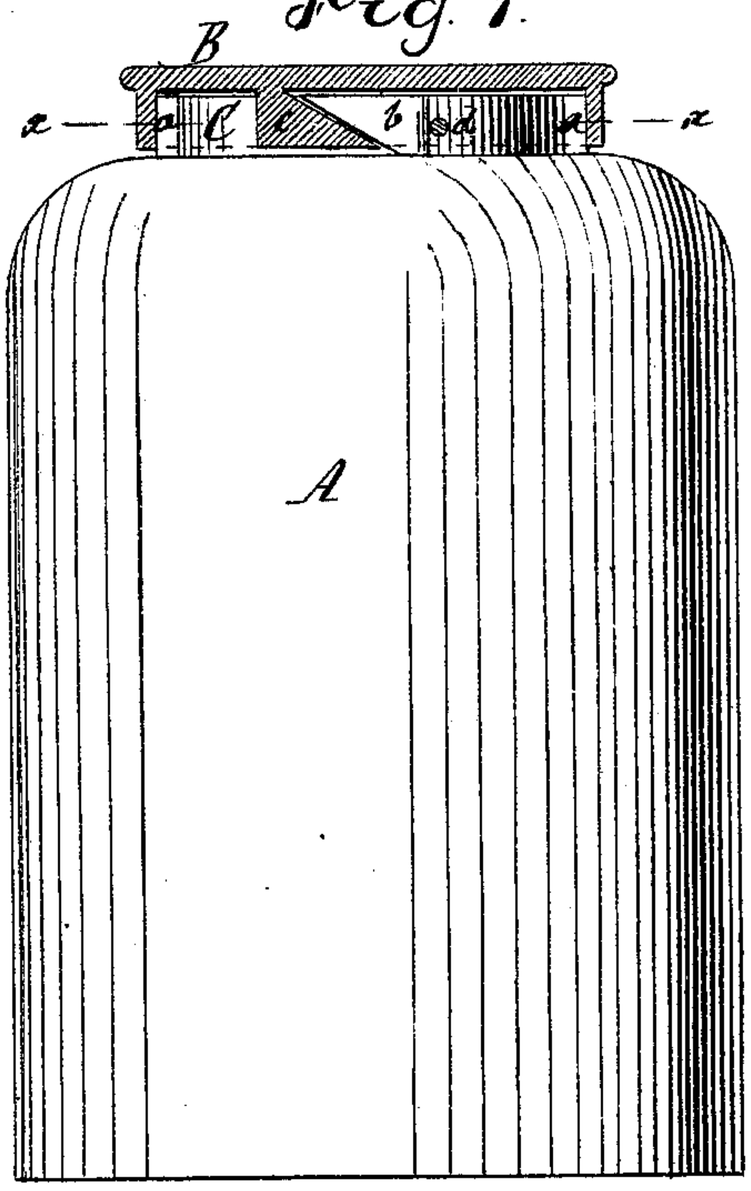
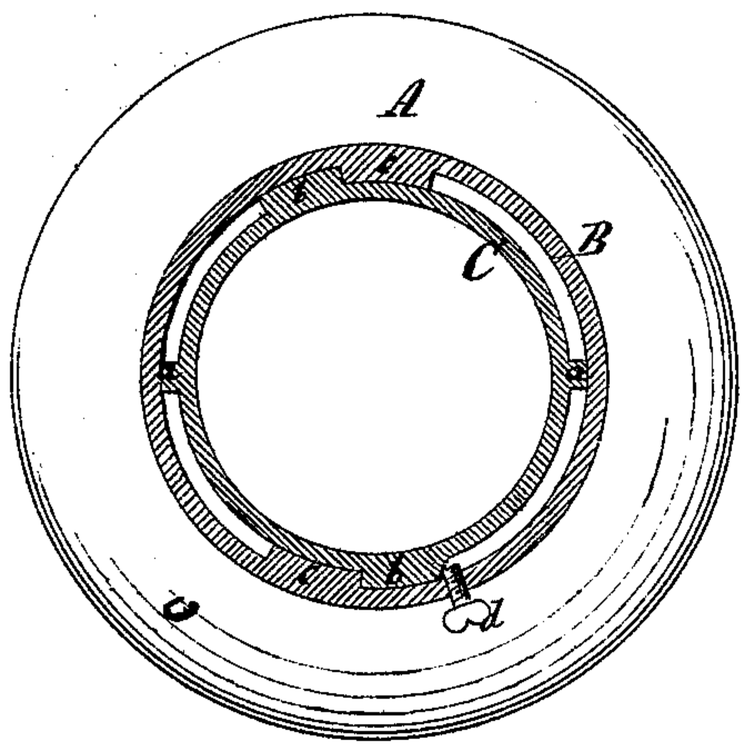


Fig. 2.



Witnesses:
Ernst Bilhuber.
C. Wahlers.

Inventors.
Thomas McSpedon
Joseph Steger
per
Van Santvoord & Hauff
Attys

UNITED STATES PATENT OFFICE.

THOMAS McSPEDON AND JOSEPH STEGER, OF NEW YORK, N. Y.

IMPROVEMENT IN FRUIT-JARS.

Specification forming part of Letters Patent No. 126,561, dated May 7, 1872.

To all whom it may concern:

Be it known that we, THOMAS MCSPEDON and JOSEPH STEGER, of the city, county, and State of New York, have invented a new and useful Improvement in Fruit-Jars; and we do hereby declare the following to be a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification, in which drawing—

Figure 1 represents a sectional side view of our invention. Fig. 2 is a horizontal section of the same in the plan *x x*, Fig. 1.

Similar letters indicate corresponding parts.

This invention relates to certain improvements in that class of preserve-jars in which the cover is provided with inclined lugs adapted to pass under inclined lugs formed on the neck of the jar; and the invention consists of a tightening-screw, which passes through the cover and bears upon the back of one of the inclined lugs upon the neck of the jar, so that, when the lugs of the cover are brought to bear upon the lugs of the jar, the tightening-screw will be in a position to bear upon the chamfered back of the lug of the jar, and by tightening said screw the lugs of the cover will be drawn tightly under the lugs of the jar down upon the edge of the neck.

In the drawing, A designates a preserve-jar made of any desired material. B is a cover, which overlaps the neck C of the jar and drops down on the edge of said neck, being retained in a central position by rectangular lugs *a* and by inclined lugs *b* projecting from the surface of the neck. The working faces of the lugs *b* are inclined downward, (best seen in Fig. 1,) and on the inner surface of the cover are formed lugs *c*, the faces of which incline in a direction opposite to those of the lugs *b* on the neck, so that, when the cover is placed on the neck and turned to the position shown in Fig. 1, the faces of the lugs *c* will catch under the faces of the lugs *b*, as usual. Through the cover passes a tightening-screw, *d*, and if the inclined surfaces of the lugs *b* and *c* are brought to bear against each other, said tightening-screw will be in position that it can be brought to bear on the rounded or chamfered back of one of the lugs *b*, and, by the action of the screw upon the latter, the cover drawn down tight upon the edge of the neck. By interposing a suitable packing a tight joint will be produced between the cover and the jar.

In the drawing the tightening-screw is shown arranged in a radial position with respect to the cover and the neck of the jar and impinging upon the back of the lug, which is inclined or chamfered (see Fig. 2) to enable the tightening-screw to perform its function of drawing the lug *c* under the lugs *b* and the cover down on the neck of the jar; but, if desired, the tightening-screw can be inserted in a tangential position, so that it bears in a direct or nearly direct line on the back of one of the lugs *b*.

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

The tightening-screw *d* passing through the cover B and bearing upon the back of the lug *b*, as set forth, so as to draw the lugs *c* under the lugs *b*, and the cover B down upon the neck C of the jar, all combined and operating substantially as herein shown and described.

THOMAS MCSPEDON.
JOSEPH STEGER.

Witnesses:
W. HAUFF,
E. F. KASTENHUBER.