

S. B. Rowley.

Covers for Preserve Jars.

Nº 87,515.

Patented Mar. 2, 1869.

Fig. 1.

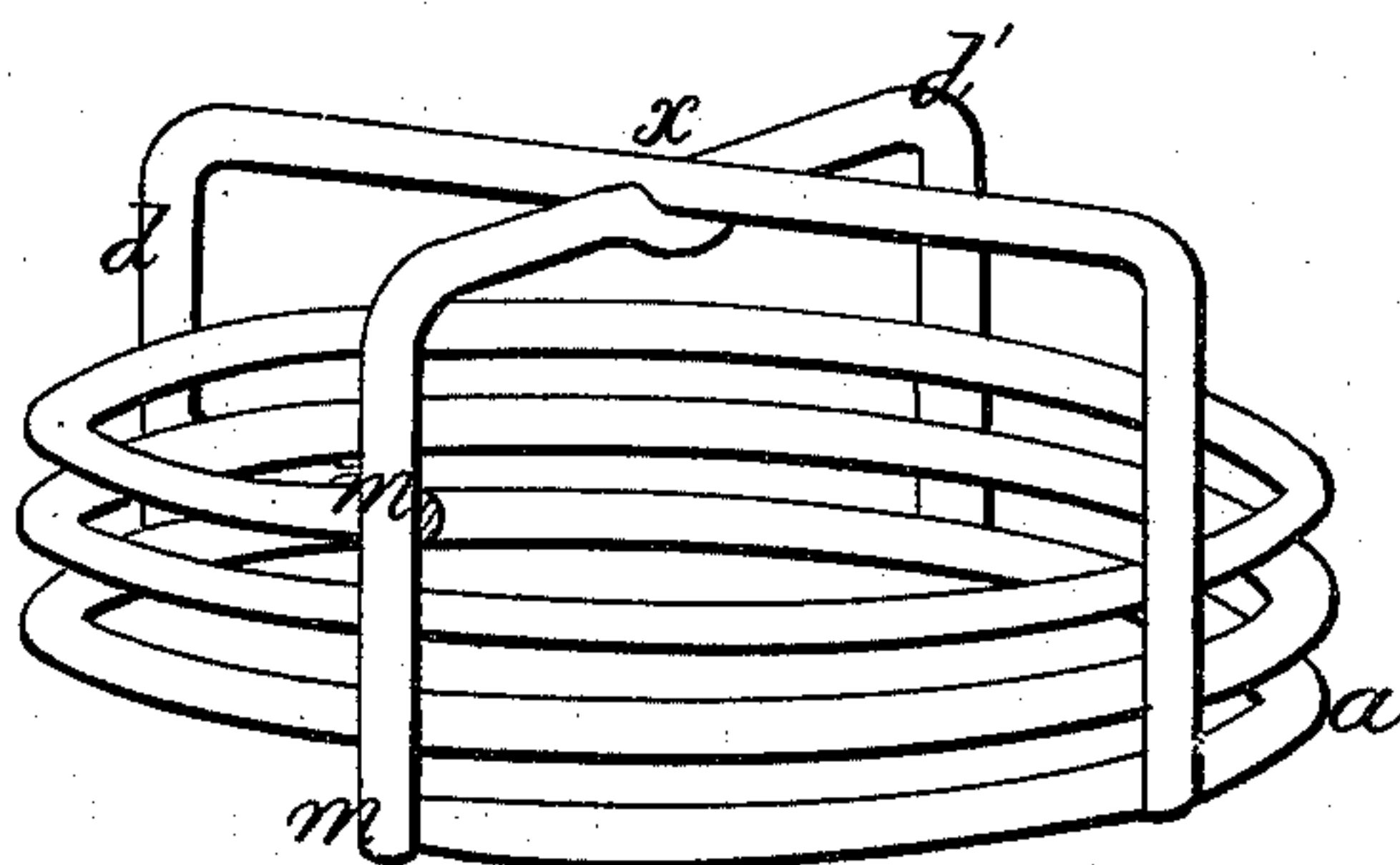


Fig. 2.

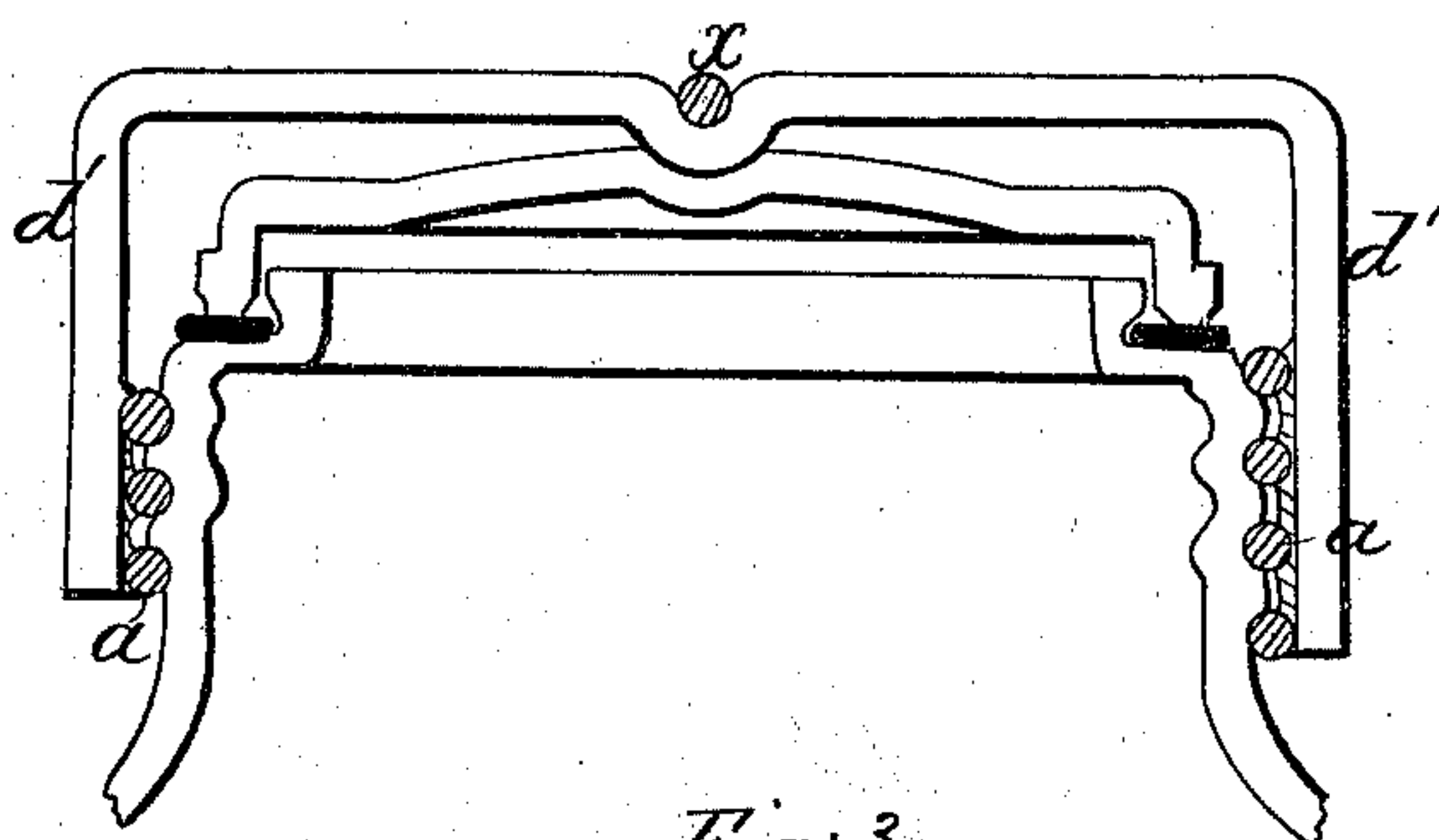
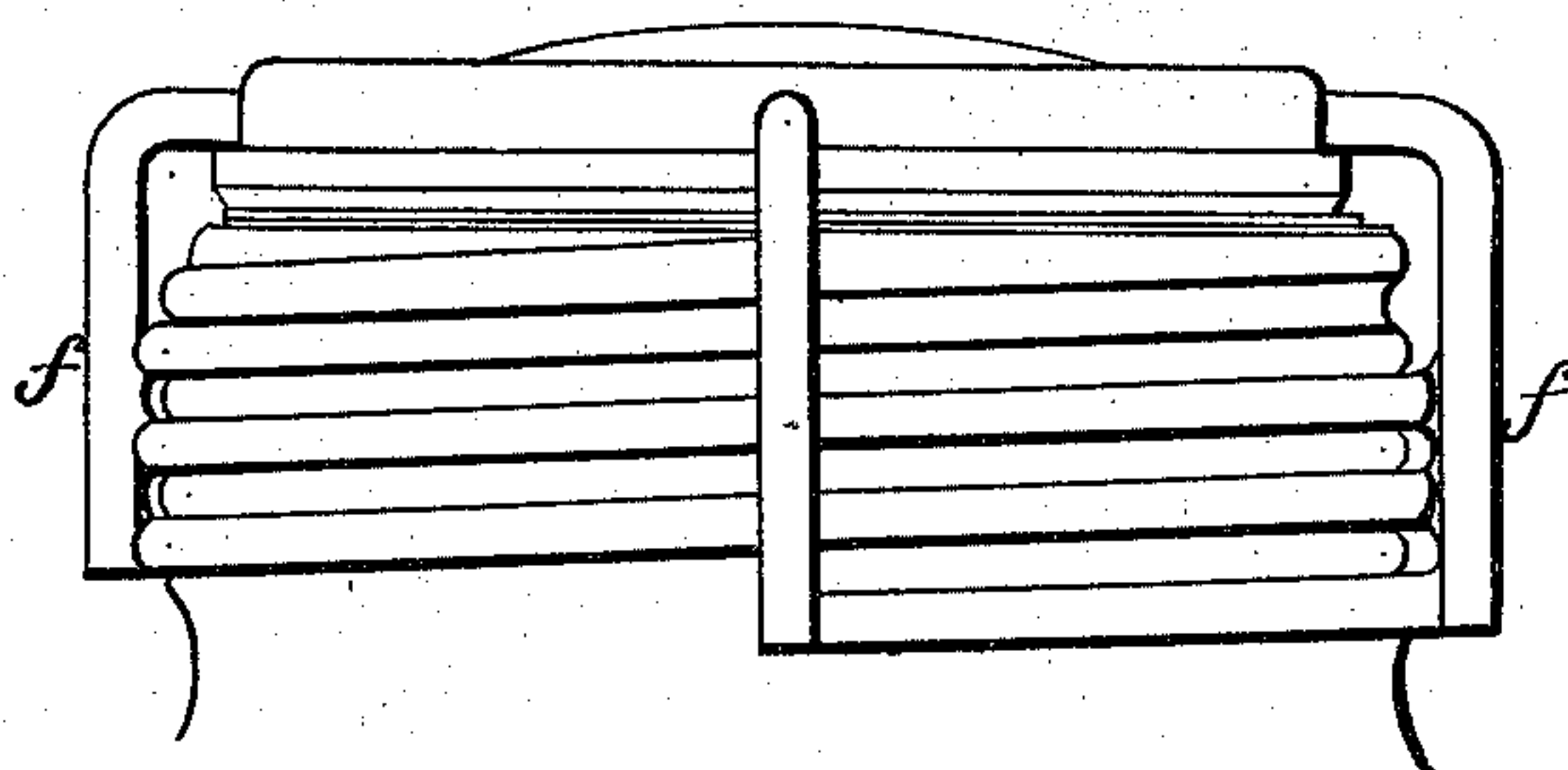


Fig. 3.



Witnesses;
Wm. Steel.
John Parker

Inventor;
S. B. Rowley
By His Attys
J. H. Howard

UNITED STATES PATENT OFFICE.

S. B. ROWLEY, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVED SCREW-FASTENING FOR THE COVERS OF FRUIT-JARS.

Specification forming part of Letters Patent No. **87,515**, dated March 2, 1869.

To all whom it may concern:

Be it known that I, S. B. ROWLEY, of Philadelphia, Pennsylvania, have invented an Improved Screw for Depressing the Covers of Fruit-Jars; and I do hereby declare the following to be a full, clear, and exact description of the same.

My invention consists of a screw-bail or fastening for preserving-vessels, formed by a coil of wire, made rigid by suitable strips, arranged as fully described hereafter, and so formed that they can be brought to bear on the cover of a fruit-jar when the coil, which is adapted to a screw-thread formed on the neck of the jar, is turned.

In order to enable others skilled in the art to make my invention, I will now proceed to describe the mode of carrying the same into effect, reference being had to the accompanying drawing, which forms a part of this specification, and in which—

Figure 1 is a perspective view of my improved screw for depressing the covers of preserving-vessels; Fig. 2, a vertical section of the same, and Fig. 3 a modification of my invention.

In making the screw illustrated in Figs. 1 and 2, a strip of wire, *a*, is coiled spirally, so as to conform to the screw-thread formed on the neck of the bottle or jar. Over this coil of wire are placed two staple-like strips of wire, *d d'*, arranged at right angles to each other, the horizontal portion of one staple being bent in the center, so as to form a depression for receiving the center of the horizontal portion of the other staple, as seen at *x*, Figs. 1 and 2, where the two may be soldered together, the legs being soldered or otherwise

secured to the wire *a* of the coil, which thus becomes an unyielding screw or screw-bail adapted to the neck of a jar, and serving to depress the cover of the same in a manner which will be readily understood by reference to Fig. 2.

In the modification shown in Fig. 3 four vertical wires are used in place of the staples, and are secured to the coil, and are bent at their upper ends, so as to bear on the flange of the cover, the coil being, in this case, also converted into a screw of comparative rigidity. A single staple, *d*, will suffice to impart desired rigidity; but whether one or two staples be used, it is best to secure both ends of the wire composing the coil to one of the legs, as shown at *m m*, Fig. 1. In like manner the two ends of the coil in Fig. 3 are secured to one of the strips or wires *f*.

I do not claim as new a screw made of coiled wire adapted to a screw-thread on the neck of a preserving-vessel; but

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

A screw-bail or fastening for preserving-vessels consisting of a wire coil rendered rigid by suitable strips, which extend across the coil, and are so bent or otherwise arranged that they can be brought to bear on the cover of a fruit-jar, substantially as described.

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

S. B. ROWLEY.

Witnesses:

H. HOWSON,
C. B. PRICE.