# E. Croft,

## Fruit Jar.

No. 107,598. Patented Sept. 20, 1870.

FIG. 1.

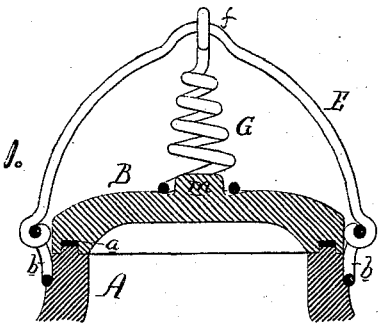



FIG. 2.

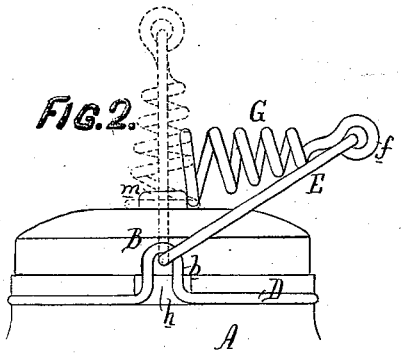



FIG. 3.

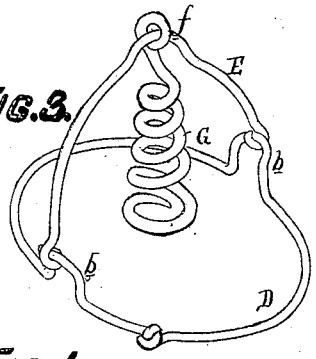
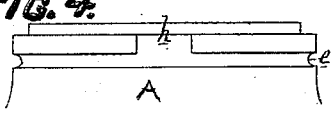



FIG. 4.

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EDWARD CROFT, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR TO HIMSELF AND HENRY COULTER, OF SAME PLACE.

*Letters Patent No.* 107,598, *dated September* 20, 1870.

## IMPROVEMENT IN FRUIT-JARS.

The Schedule referred to in these Letters Patent and making part of the same.

I, EDWARD CROFT, of Philadelphia, county of Philadelphia, State of Pensylvania, have invented an Improved Fastening for Preserve-Jars, of which the following is a specification.

### *Nature and Object of the Invention.*

My invention consists of a bale or yoke hinged to the neck of the jar, and carrying a spring, which, when the yoke is elevated to a vertical position, will exert a constant pressure on the cover of the jar, as described hereafter; also, of the combination of the said yoke and spring with a projection on the cover for facilitating the application of the spring to the same; also, of the combination described hereafter of a wire ring, to which the yoke is hinged, with a recessed neck of the jar.

### *Description of the Accompanying Drawing.*

Figure 1 is a vertical section of the top of a fruit-jar and cover, with my device for securing the latter;

Figure 2, an exterior side view of fig. 1;

Figure 3, a perspective view of the fastening device; and

Figure 4, an exterior view of the top of the jar.

### *General Description.*

A represents the neck of a fruit-jar, on the edge of the mouth of which there is, in the present case, an annular rib adapted to an annular recess in the cover B, the said recess containing a packing-ring, *a*.

It should be understood that my invention has no relation to any particular mode of adapting the cover to the jar, or to any specific arrangement of packing, as my invention may be applied to many different styles of fruit-jars.

Round the neck of the jar is formed an annular recess, *e*, fig. 4, for receiving the wire ring D, on the opposite sides of which are formed loops *b b*, and to the latter are connected the opposite ends of the wire yoke or bale E, and to a loop, *f*, on the middle of the yoke, is loosely connected the upper end of a helical spring, G, the lower end of the latter being arranged to fit freely over a central projection, *m*, of the cover B, as shown in fig. 1.

The ring D is permanently secured in the recess *e* of the jar, the loops *b b* of the ring occupying positions in recesses *h h*, formed near the mouth of the jar, and communicating with the recess *e*, as shown in fig. 4.

After the cover has been fitted to the mouth of the jar, the yoke and its spring are first brought to the position shown in fig. 2, the lower end of the spring bearing against the edge of the projection *m* of the cover.

The yoke is then elevated to the position shown by dotted lines in fig. 2, in doing which the spring is necessarily compressed, and, when elevated, continues to exert a pressure on the cover, and to maintain the packed joint perfectly tight, the spring having a tendency to retain its upright position until by a slight effort it can be turned down, so as to permit the removal of the cover.

### *Claims.*

1. A ball or yoke, E, hinged to the neck of a fruit-jar, so as to turn over the cap of the same, in combination with a spring, G, for depressing the cover.

2. The combination of the said yoke and spring with the projection *m* of the cover.

3. The combination of the wire ring D and its loops *b b* with the annular recess *e* and recesses *h* of the jar.

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

EDWARD CROFT.

Witnesses:
J. M. COLGAN,
LOUIS BOSWELL.