

T. P. GIBBONS.

Fruit Jar.

No. 104,574.

Patented June 21, 1870.

fig. 1.

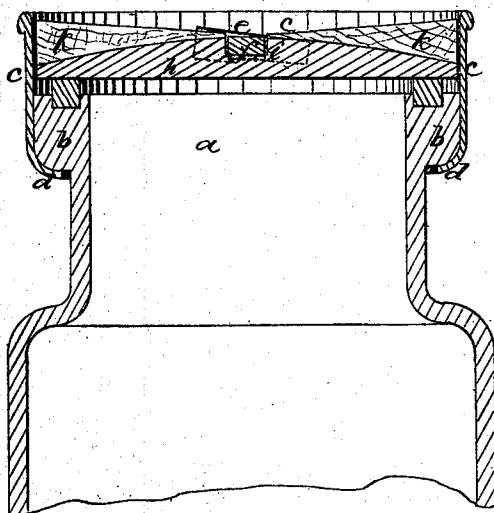
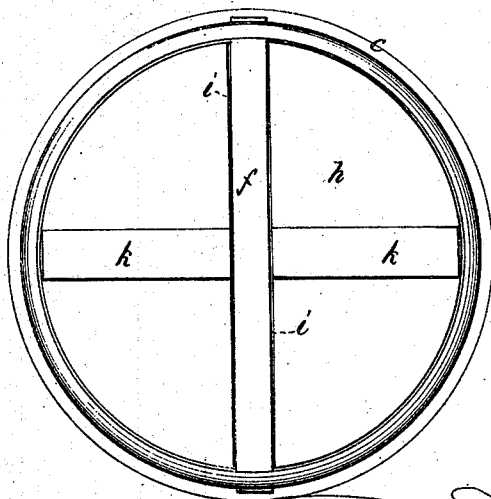


fig. 2.



Witnesses:

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United States Patent Office.

THOMAS P. GIBBONS, OF PHILADELPHIA, PENNSYLVANIA.

Letters Patent No. 104,574, dated June 21, 1870.

IMPROVEMENT IN FRUIT-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, THOMAS P. GIBBONS, of the city and county of Philadelphia and State of Pennsylvania, have invented a new and useful Improvement in Fruit-Jars; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing forming a part of this specification, in which—

Figure 1 is a sectional elevation, and

Figure 2 is a plan view.

This invention consists in a metallic collar, provided with an inwardly-projecting flange at its lower end, in combination with an outwardly-projecting flange on the head of a fruit-jar, in such manner that, by two flanges, the collar is prevented from being removed from the jar, while there is no obstruction to slipping the collar down on the neck of the jar, for convenience in filling.

The invention also consists in inclined slots cut in the metallic collar aforesaid, in combination with a bar whose ends extend through the slots, and which is placed above the cover of the jar, and which, when turned on its vertical axis in the slots, is, by the inclination of the same, forced downward upon the cover and made to hold it tightly.

Finally, the invention consists in a diametrical groove cut in the upper surface of the cover, in which groove the aforesaid bar is placed, in combination with ears on the cover, by which ears and groove the bar is the more readily turned for the purpose of tightening the cover.

In the drawing—

a is the fruit-jar.

b, the flange on the head of the same.

c, the metallic collar.

d, its inwardly-projecting flange.

e, the inclined slots in the collar.

f, the bar, whose ends pass through the inclined slots.

h, the cover under the bar.

i, the groove in the cover occupied by the bar.

k k, the ears on the cover by which it is turned.

By means of the two flanges *b* and *d*, the collar *c* is permanently attached to the jar, yet so that it may be slipped down so as to be out of the way when filling.

The jar being filled, the collar *c* is drawn upward until the flanges *b d* are in contact, the cover *h* is placed on the top of the jar upon the packing; the bar *f* is passed through the slots *e* and groove *i*; the collar is held tightly in one hand; the cover is turned by the application of the other hand to the ears *k*, and the bar *f* is forced down upon the cover by the inclined slots as tightly as desired.

The jar may be readily opened by turning the cover back.

Having thus described my invention,

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

1. The collar *c*, provided with the flange *d*, in combination with the flange *b* on the head of the jar, substantially in the manner and for the purpose described.
2. The collar *c*, provided with the slots *e*, in combination with the bar *f*, substantially in the manner and for the object specified.
3. The cover *h*, provided with the diametrical groove *i* and the ears *k*, substantially in the manner and to the end set forth.

THOMAS P. GIBBONS.

Witnesses:

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