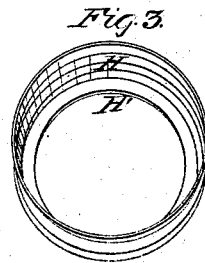
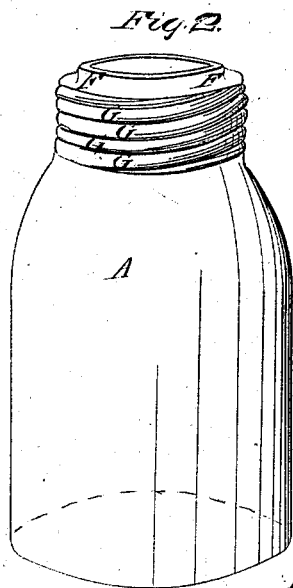
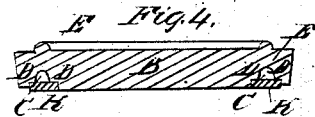
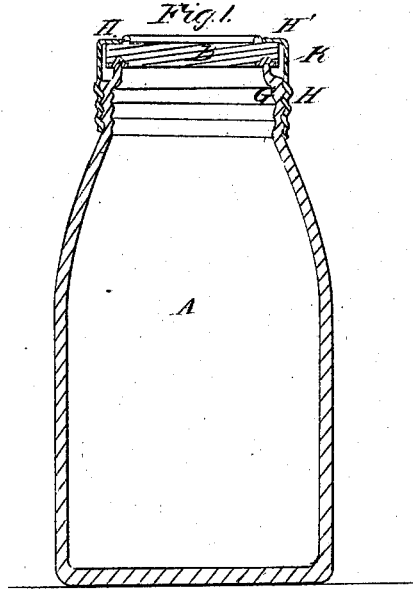


Gillinder & Bennett,

Fruit Jar.

No 49,256.

Patented Aug. 8, 1865.



Witnesses:
E. D. Smith
Alex. A. K. Kearsley

Inventor:
W. T. Gillinder
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By Messrs. A. K. Kearsley
Attorneys.

UNITED STATES PATENT OFFICE.

WM. T. GILLINDER AND EDWIN BENNETT, OF PHILADELPHIA, PA.

IMPROVEMENT IN FRUIT-JARS.

specification forming part of Letters Patent No. 49,256, dated August 8, 1865.

To all whom it may concern:

Be it known that we, WILLIAM T. GILLINDER and EDWIN BENNETT, of the city and county of Philadelphia, and State of Pennsylvania, have made a new and useful Improvement in Fruit-Jars; and we do hereby declare the following to be a full, clear, and exact description of the nature, construction, and operation of the same, reference being had to the accompanying drawings, which are made part of this specification, and in which—

Figure 1 is a vertical central section of the jar with the cover *in situ*. Fig. 2 is a perspective view of the jar. Fig. 3 is a perspective view of the cap. Fig. 4 is a sectional view of the cover.

Similar letters refer to like parts in the different figures.

Our improvement consists of a grooved glass cover containing a ring of elastic material, which is pressed down upon and partially around the upper edge of the jar or bottle by means of the screw-cap.

To enable those skilled in this branch of manufacture to construct the same, and to indicate the mode of using the same, we will proceed to describe it.

A is a glass jar or bottle, which is a mere question of shape, and B is a glass cover, which has an annular groove, C, on its lower face of such a conformation as to have two shoulders, D D, and a central depression, E, which agrees in its diameter with that of the upper projecting edge, F, of the jar. The upper exterior portion of the neck of the jar is provided with threads G G, which correspond with those in the screw-cap H. The ring K, of india-rubber or other elastic substance, is laid within the groove C, upon the shoulders D D, and spanning the depression E, as shown in Fig. 1.

The operation is as follows: The jar being filled with fruit in the proper manner, or to the satisfaction of the operator, the cover, containing the elastic annular pad within its groove, is laid upon the upper edge of the jar, and the screw-cap being placed over and rotated is thereby drawn down with its flange H' upon its cover B, so as to press the latter down and compel the edge F to project the ring into the depression E (see Fig. 4) and embrace a por-

tion of the sides of the flange F as well as its top. This makes the packing much more effective, as the bearing is more extensive, and a leakage from the presence of a small flaw on the upper edge is not so imminent.

The bottle is unclosed by simply unscrewing the cap H and raising the cover. The general appearance of the jar when closed is neat and tasteful, and they may be readily wiped off to remove the dust in the sale-room or the store-room of the housewife, as well as any drip which has fallen upon them in the act of filling. In this respect they contrast favorably with many wire-and-yoke devices which are before the people. The elastic pad, when the cover is detached, remains within the groove and does not require special manipulation to place it in position, as the shoulders and sides of the groove are in contact with it, and thus it is prevented from being lost, and great time is saved and accuracy attained by always compelling it to maintain its proper position without special manipulation to fit it over the place it is to occupy.

Though not an absolute necessity, we prefer to have the elastic pad occupy the groove in the cover from the shoulders outward, so as to make them come flush with the lower face of the cover, which makes a neat finish, and enables them to be readily wiped off before being placed in contact with the edibles in the jar.

Having thus described our invention, we state that we do not claim, broadly, the use of a screw-cap, cover, and elastic ring; but

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

The formation of the groove in the cover, with shoulders supporting the elastic pad, and with a central depression into which the pad is forced by the upper edge of the jar on the downward pressure on the cover by the screw-cap, substantially as described.

To the above specification of our improvement in fruit-jars we have signed our names this 29th day of April, 1865.

WILLIAM T. GILLINDER.
EDWIN BENNETT.

Witnesses:

DANIEL GOLDY,
JAMES GILLINDER.