

(No Model.)

A. NÖLTNER.

FRUIT JAR.

No. 381,482.

Patented Apr. 17, 1888.

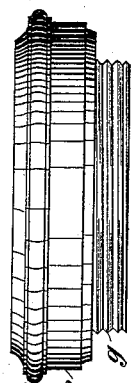


Fig. 3.



Fig. 4.



Fig. 5.



Fig. 6.

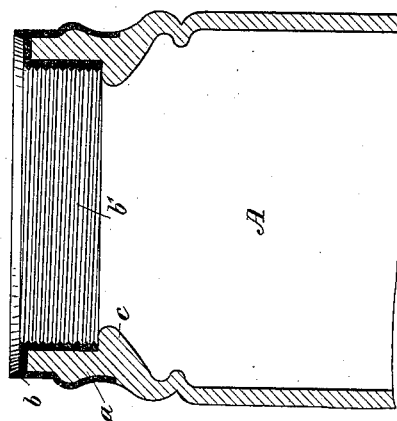


Fig. 2.

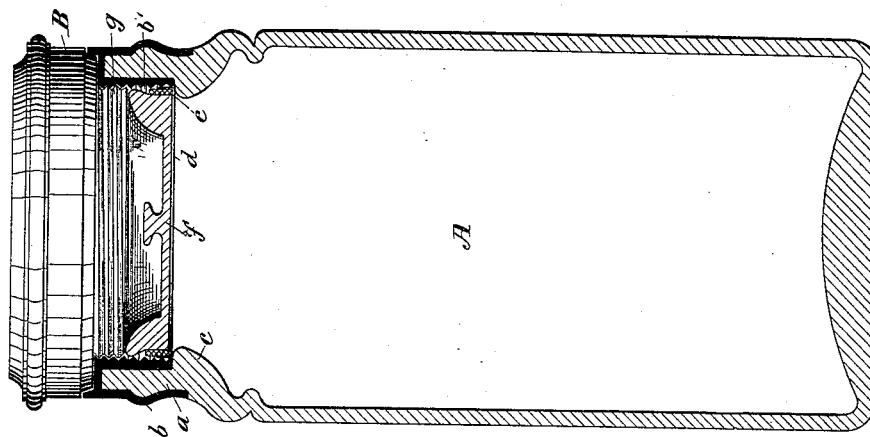


Fig. 1.

Witnesses.

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UNITED STATES PATENT OFFICE.

AMBROSIUS NÖLTNER, OF DÜRKHEIM, BAVARIA, ASSIGNOR TO EUGEN DEUTSCH, OF MUSSBACH, GERMANY.

FRUIT-JAR.

SPECIFICATION forming part of Letters Patent No. 381,482, dated April 17, 1888.

Application filed January 31, 1888. Serial No. 262,529. (No model.)

To all whom it may concern:

Be it known that I, AMBROSIUS NÖLTNER, of the city of Dürkheim, in the Kingdom of Bavaria and German Empire, have invented a certain new and useful Improvement in Fruit-Jars, of which the following is a specification, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

10 This invention relates to an improvement in fruit-jars or similar receptacles made of glass or porcelain, and serving for the reception of fruit or other preserves to be kept therein hermetically sealed; and its object is to provide a novel and efficient hermetical connection between the necks of the said jars and the covers which are screwed thereon.

To such end the invention consists in the features of construction and combination of 20 parts, hereinafter described and claimed, reference being made to the accompanying drawings, in which—

Figure 1 is a vertical transverse section of my improved jar, the cover being shown in 25 elevation, while Figs. 3, 4, 5, and 6 are detail views of the component parts or means for obtaining a hermetical seal according to my present invention, Fig. 2 being a sectional view of the neck of the jar provided with the metal thread; Fig. 3, a view of the threaded metal cover; Fig. 4, an elevation of an interposed lid; Fig. 5, a transverse section of an india-rubber packing-ring, and Fig. 6 a similar section of a parchment or paper disk to be placed 35 upon the flange projecting inwardly below the threaded portion of the neck.

A indicates the body of the jar, made of glass or porcelain, and having a neck, *a*, of corrugated form, lined with German silver, 40 zinc, or any other suitable metal, *b*, which is connected to the neck *a*, and provided on its inner surface with the threaded portion *b'*. Immediately below the lower rim or periphery of this threaded portion *b'* there is formed on 45 the neck *a* an annular flange, *c*, projecting to-

ward the interior of the jar and serving for a bearing-surface for a disk, *d*, of parchment, paper, or the like, which is held thereon by the metal cover B, the threaded portion *g* of the latter fitting nicely the metal female thread 50 *b'* on the neck *a*, and tightening the disk *d* upon its seat *c* by means of the interposed lid *f*, of porcelain or any other suitable material, surrounded near its lower circumference by the rubber packing-ring *e*. By this arrange- 55 ment the contents of the jar are efficiently prevented from coming into contact with the threaded portions, so that the cover can at any time be readily unscrewed, while, on the other hand, a thoroughly hermetical closing 60 of the jar is insured.

The metal part containing the screw-threads is composed, as here shown, of an inner and outer wall connected at the top and embracing the upper part of the neck *a*. The metal 65 may be held firmly in place by any suitable means—as, for instance, by providing the neck with an external annular swell or rib and spinning the outer wall of the metal under this swell or rib; but I do not confine myself 70 to specific means of confining the metal in position.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is— 75

In a fruit-jar having a neck lined with a threaded metal piece, the annular flange *c*, forming part of the neck and arranged immediately below the threaded metal portion, so as to project inwardly, in combination with 80 the disk *d*, the threaded metal cover B, and the interposed lid *f* and packing *e*, substantially as and for the purpose specified.

In testimony whereof I have signed my name to this specification in the presence of two sub- 85 scribing witnesses.

A. NÖLTNER.

Witnesses:

H. E. HAMMOND,
MORITZ WALTER FISCHER.