

(No Model.)

J. MURPHIN.

FRUIT JAR.

No. 282,916.

Patented Aug. 7, 1883.

FIG. 1.

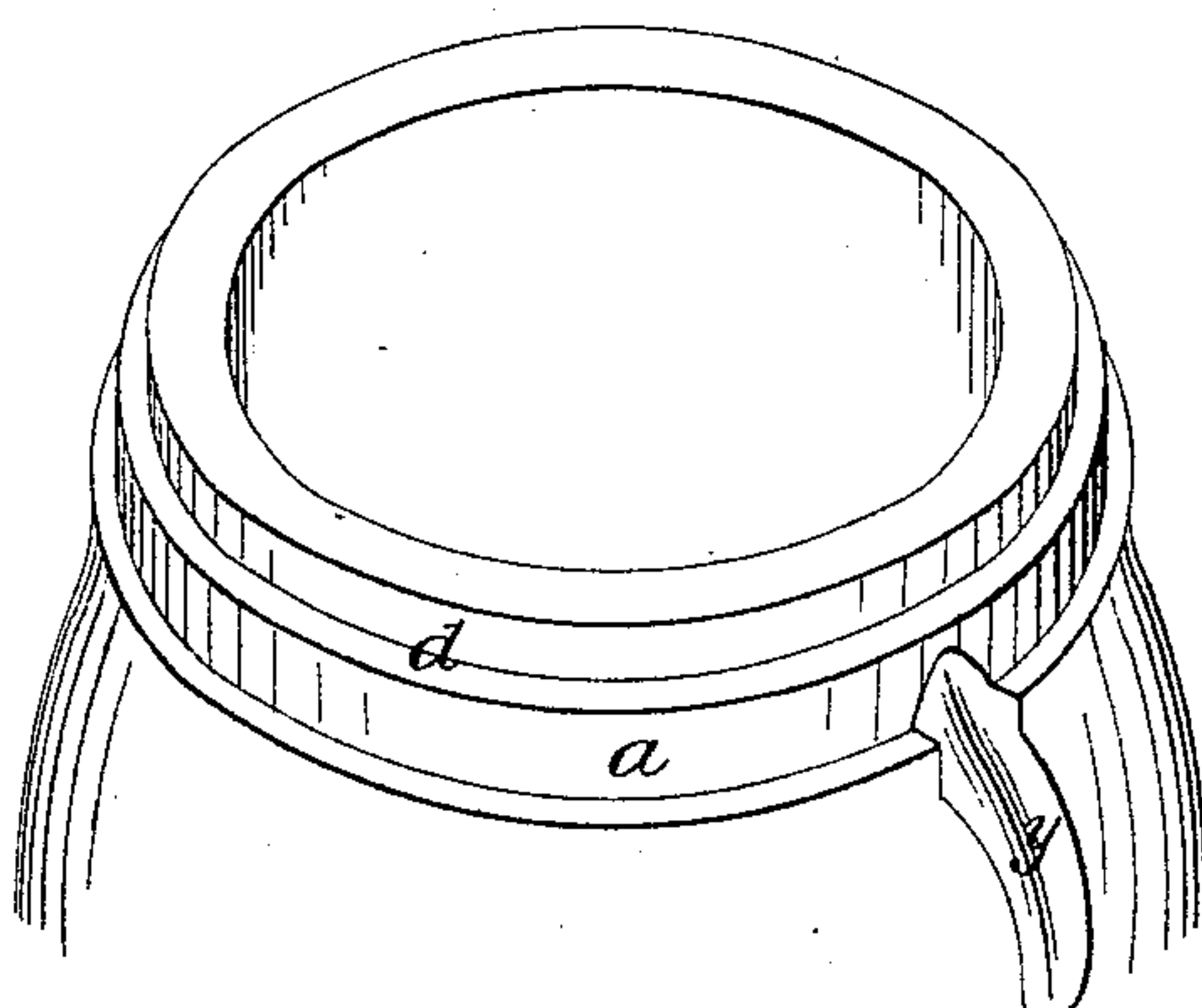


FIG. 2.

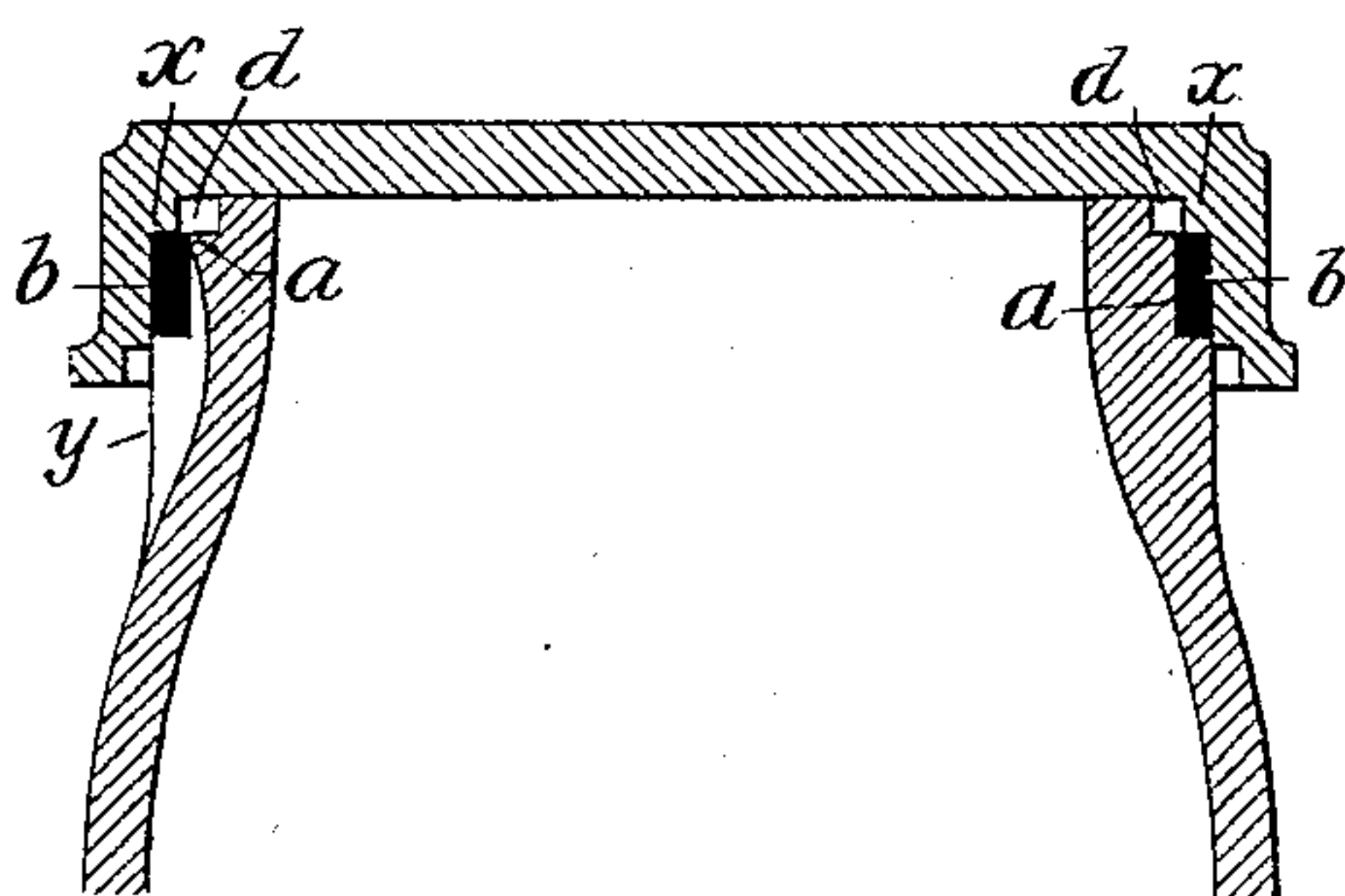
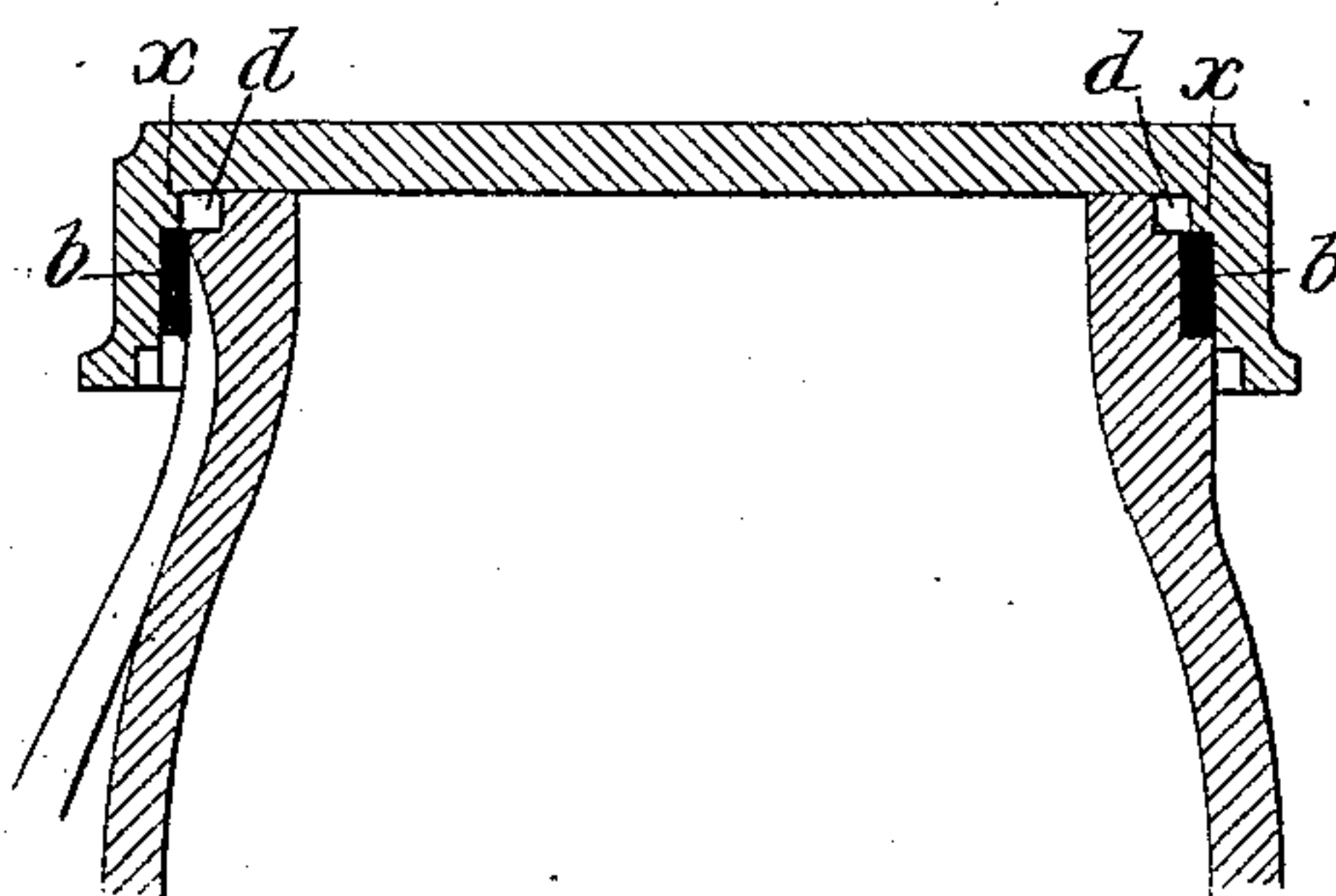


FIG. 3.



WITNESSES:

John E. Parker  
Harry Smith

INVENTOR:

Joseph Murphie  
by his Attorneys  
Howson & Sons

# UNITED STATES PATENT OFFICE.

JOSEPH MURPHIN, OF MALAGA, NEW JERSEY, ASSIGNOR OF ONE-HALF TO  
ALBERT B. RICHMAN, OF SAME PLACE.

## FRUIT-JAR.

SPECIFICATION forming part of Letters Patent No. 282,916, dated August 7, 1883.

Application filed January 3, 1883. (No model.)

*To all whom it may concern:*

Be it known that I, JOSEPH MURPHIN, a citizen of the United States, and a resident of Malaga, Gloucester county, New Jersey, have  
5 invented certain Improvements in Fruit-Jars, of which the following is a specification.

My invention relates to a certain improvement in the fruit-jar for which Letters Patent of the United States No. 255,005 were granted  
10 to my assignees on the 14th day of March, 1882, the object of my present improvement being to provide for the admission of air to the interior of the jar, so as to permit the removal of the cap.

15 In the accompanying drawings, Figure 1 is a perspective view of the top of a fruit-jar with my improvement; Fig. 2, a sectional view, showing the jar closed; and Fig. 3, a view showing how the admission of air to the jar is  
20 effected.

The patented fruit-jar above alluded to was sealed by means of a rubber ring, *x*, clamped between a bearing, *a*, on the jar and a bearing, *b*, on the inside of the cap, the ring *x* being  
25 first deposited horizontally on a contracted shoulder, *d*, around the mouth of the jar, and being then turned to the vertical position and clamped between the bearings *a* and *b* as the cap was pressed down, a shoulder in the cap  
30 bearing upon the outer projecting portion of the ring, to facilitate the proper turning of the same. Some difficulty has been experienced in removing the covers so applied, owing to the absence of any means of permitting the  
35 entrance of air to the interior of the jar, so as

to destroy the partial vacuum therein. This objection I overcome by forming in the outside of each jar a groove or recess, *y*, which extends up into the bearing-surface *a*, but not to the top of the same. The bearing of the  
40 ring *x* on the surface *a* is thus reduced at this point, as shown in Fig. 2, so that when a pointed instrument is introduced into the recess and behind the ring, as in Fig. 3, a limited portion  
45 only of said ring has to be displaced in order to permit the entrance of air to the jar, whereas if the ring *x* had its full bearing on the surface *a* some difficulty might be experienced in so displacing said ring as to permit the entrance  
50 of air.

I claim as my invention—

1. A jar having a vertical annular bearing-surface, *a*, below the mouth, and having an exterior groove or recess, *y*, the upper end of which extends up into said bearing-surface *a*,  
55 as set forth.

2. The combination of the jar having the vertical annular bearing-surface *a* below the mouth, and a groove or recess, *y*, extending up into said surface, the packing-ring *x*, and  
60 the cap having an internal annular bearing-surface, *b*, as set forth.

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

JOSEPH MURPHIN.

Witnesses:

HARRY DRURY,  
HARRY SMITH.