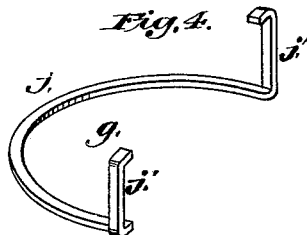
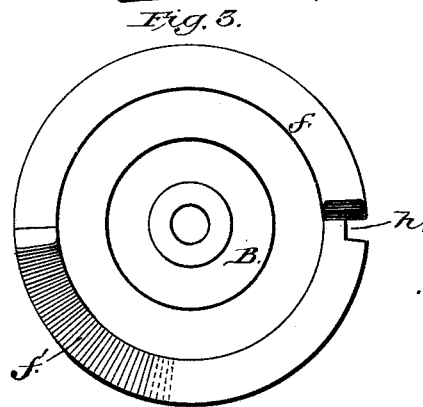
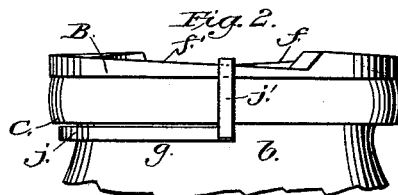
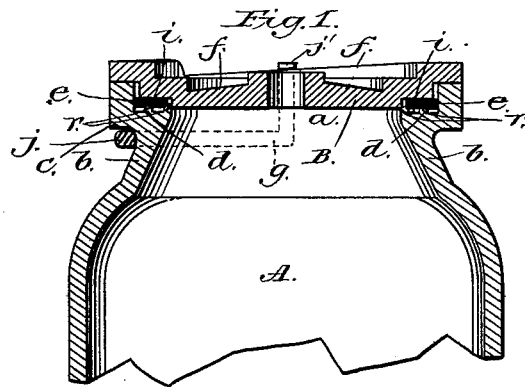


J. MURPHIN.  
Jar for Preserving Fruit and Vegetables.  
No. 220,642.                      Patented Oct. 14, 1879.



WITNESSES  
*Villette Anderson*  
*Geo. Keller*

INVENTOR  
*Joe Murphy*  
*by E.W. Anderson.*  
*his* ATTORNEY

# UNITED STATES PATENT OFFICE.

JOSEPH MURPHIN, OF MALAGA, NEW JERSEY, ASSIGNOR TO HIMSELF AND  
THOMAS LEACH, OF SAME PLACE.

## IMPROVEMENT IN JARS FOR PRESERVING FRUIT AND VEGETABLES.

Specification forming part of Letters Patent No. **220,642**, dated October 14, 1879; application filed  
May 17, 1879.

*To all whom it may concern:*

Be it known that I, JOSEPH MURPHIN, of Malaga, in the county of Gloucester and State of New Jersey, have invented a new and valuable Improvement in Jars for Preserving Fruit and Vegetables; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a central vertical section. Fig. 2 is a side view of the same. Fig. 3 is a plan view of the lid. Fig. 4 is a perspective view of the semi-annular detachable clamp.

This invention has relation to improvements in jars for the preservation of fruits, vegetables, and other perishable articles; and the nature of the invention consists in combining with a can having an inside annular ledge provided with concentric ring-like corrugations, and an exterior flange connected with the body of the can by a reduced neck, a packing-ring introduced on said ledge, a lid fitting inside of the mouth of the can on the ring aforesaid, and provided with oppositely-inclined outer edges upon its top and a semi-annular fastening-wire embracing the neck of the can, and provided with hook-arms that engage the lid, whereby, by turning the latter in the proper direction, the hook-arms mount the inclines, and, acting as clamps, compress the packing between the corrugated shoulder and lid, forming a tight joint, as will be hereinafter more fully set forth.

In the annexed drawings, the letter A designates the body of the can, having a mouth, *a*, and the neck *b* uniting the mouth and body, as shown. The neck forms, with the mouth, a square shoulder, *c*. Inside of the mouth is a horizontal shoulder or ledge, *d*, having on its upper face one or more concentric ribs, upon which is laid a packing-ring, *e*, usually of rubber.

The lid B is usually of metal of a preferably non-corrodible nature, and has an inside rab-

bet, *i*, that rests upon the packing-ring *e*, and, when forced into the can by the device hereinafter explained, or its equivalent, causes the said ring to be crowded down upon the ribs *r*, and creates a tight joint. It will be observed that the margin of the lid is flush with the throat of the can, and has near such margin two oppositely-inclined surfaces, *f' f*, each being of the length of an arc of one hundred and eighty degrees nearly, though a shorter arc may be employed.

*g* indicates the lid-fastener, consisting, essentially, of a strong half-ring, *j*, that snugly embraces the neck of the can under the shoulder *c*, and of hook *j'*, extending upward and across the edge of lid B, as shown in Fig. 1.

The lid is placed on the can by introducing one edge under one of the hook-arms and allowing the other to pass through a cleft, *h*, in the edge thereof diametrically opposite. By seizing the can in one hand and its lid in the other, and turning them in opposite directions, the hook-arms will mount the inclines with the result, aforesaid, of clamping the packing-ring upon the ledge *d* and forming a tight joint between the can-lid and can.

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

The combination, with a can having an inside annular ledge, *d*, provided with concentric ring-like corrugations on its horizontal face, and an exterior flange connected with the body of the can by a reduced neck, of a packing-ring, *e*, introduced on said ledge, a lid, B, fitting inside of the mouth of the can on the ring, and provided with oppositely-inclined outer edges *f' f* upon its top and cleft *h* in its side, and the semi-annular fastening *g*, having the end hook-arms *j'*, all constructed and arranged to operate substantially as shown and described.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

JOSEPH MURPHIN.

Witnesses:

E. L. PERDRIAX,  
ALLEN H. GANGWER.