

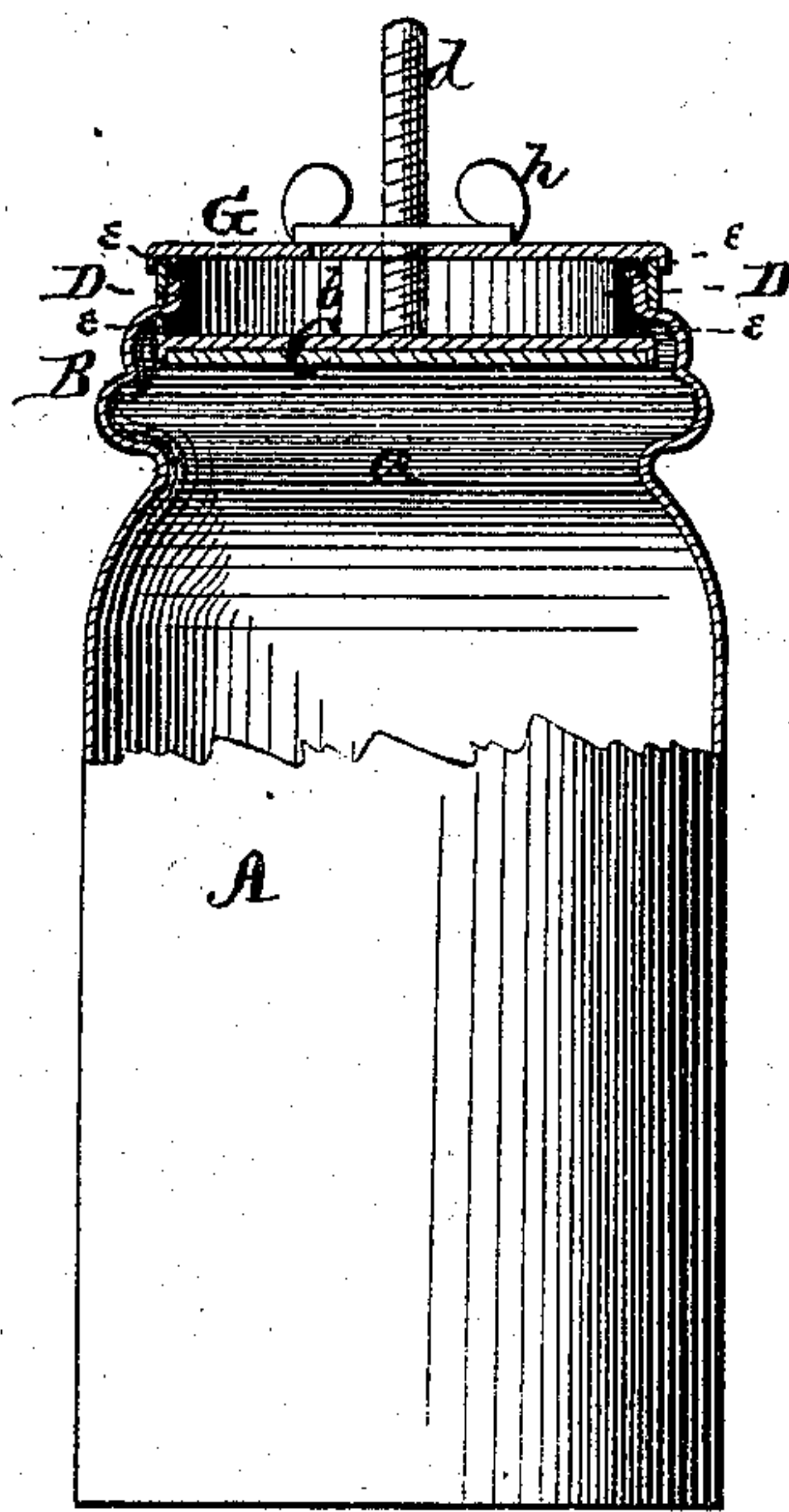
G. W. HEMPELL.

Fruit-Jars.

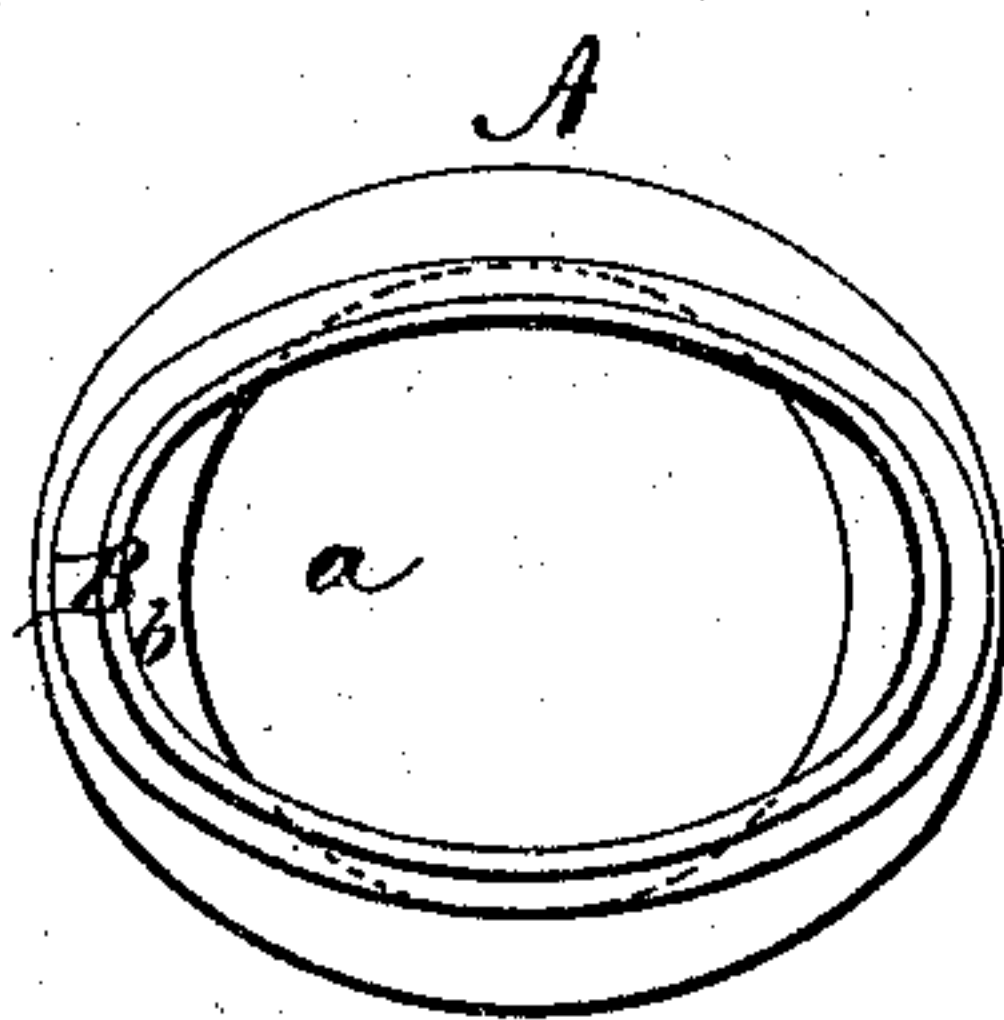
No. 136,996.

Patented March 18, 1873.

*Fig. 1.*



*Fig. 2.*



Witness:

*James E. Hutchinson*  
*Chas. L. Everett*

Inventor.

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Attorneys.

# UNITED STATES PATENT OFFICE.

GEORGE W. HEMPELL, OF MILLVILLE, NEW JERSEY.

## IMPROVEMENT IN FRUIT-JARS.

Specification forming part of Letters Patent No. 136,996, dated March 18, 1873.

*To all whom it may concern:*

Be it known that I, GEORGE W. HEMPELL, of Millville, in the county of Cumberland and in the State of New Jersey, have invented certain new and useful Improvements in Fruit-Jar; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon making a part of this specification.

The nature of my invention consists in the construction and arrangement of a fruit-jar with the devices for sealing the same, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a side elevation of my jar with the neck and mouth and sealing device in section; and Fig. 2 is a plan view of the jar.

A represents a round glass jar of any desired dimensions, contracted at the upper end, forming a circular opening, *a*, above which is the mouth B. This mouth is oval and the opening *b* in the same having a shoulder or offset, as shown. The mouth is extended or widened immediately above the opening *a* of the jar, and then decreasing in size to the opening *b*. C represents an oval inside cover provided in the center with an upward-projecting screw, *d*. This cover may be provided on the under side with a glass face, if so desired, and is passed

through the mouth B, but, being oval, cannot pass through the opening *a* into the jar. A rubber ring, D, is then placed around the inside of the opening *b*, said ring having an outward-extending flange, *e*, around both its upper and lower edge, the upper flange fitting over the edge of the glass and the lower flange on the interior shoulder. The outside cover or cap G is now put on, the screw *d* from the inside cover passing up through a hole in the center of the cap, and a thumb-nut, *h*, screwed on the screw *d*. By tightening this nut the interior cover C is drawn up against the rubber ring and inside shoulder of the mouth, thus sealing the jar from the inside. In the outside cover G is a small hole, *i*, to act as an air-escape while boiling the jar.

Before setting the jar away the thumb-nut should be turned so as to cover this hole.

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

A jar with an oval mouth, as constructed, in combination with the inside cover C, rubber packing-ring D, plate G, and screw *d*, constructed as herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand and seal this 25th day of January, 1873.

GEORGE <sup>his</sup> × W. HEMPELL. [L. S.]  
mark.

Witnesses:

A. N. MARR,

GEORGE W. DUMMETT.