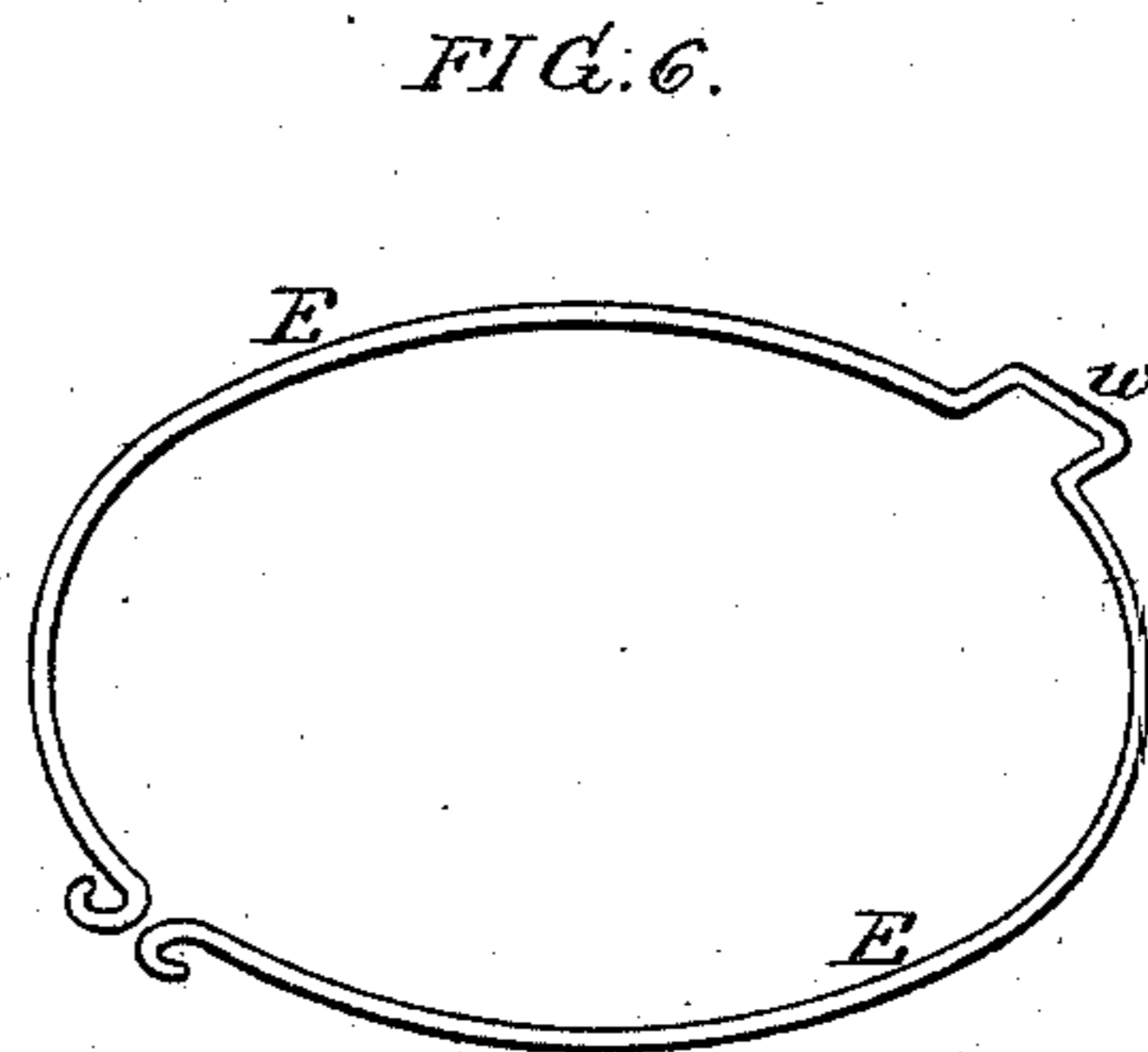
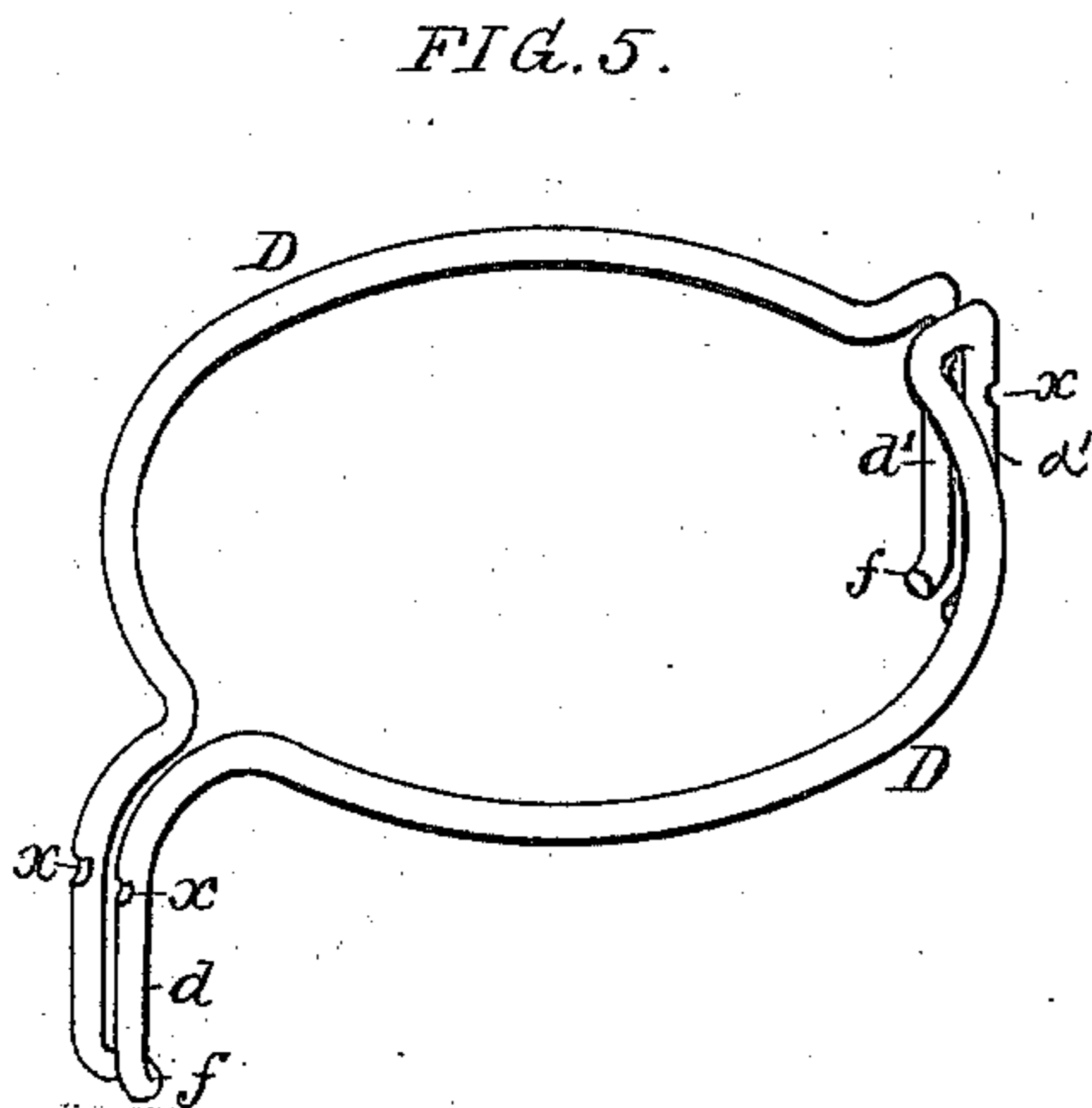
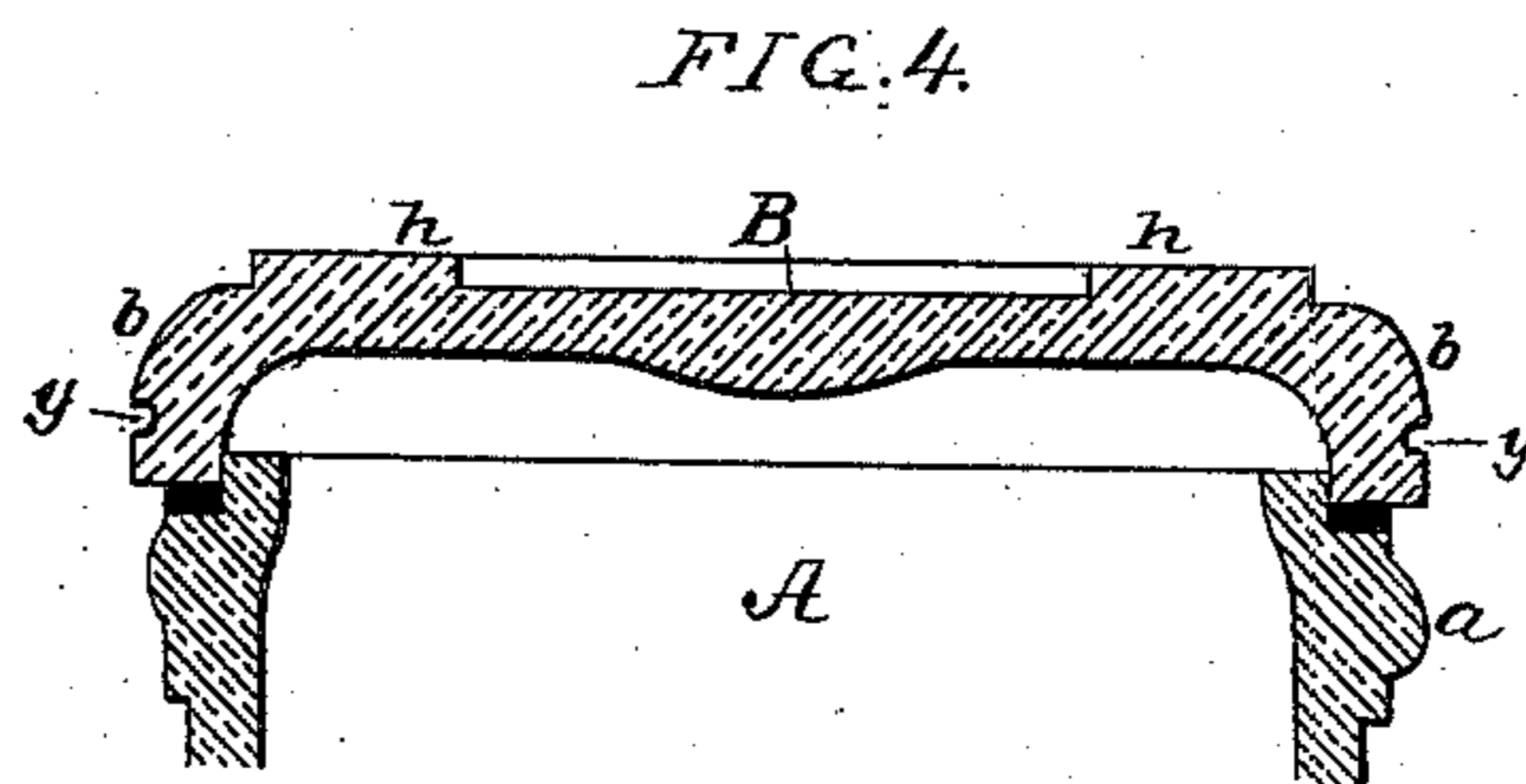
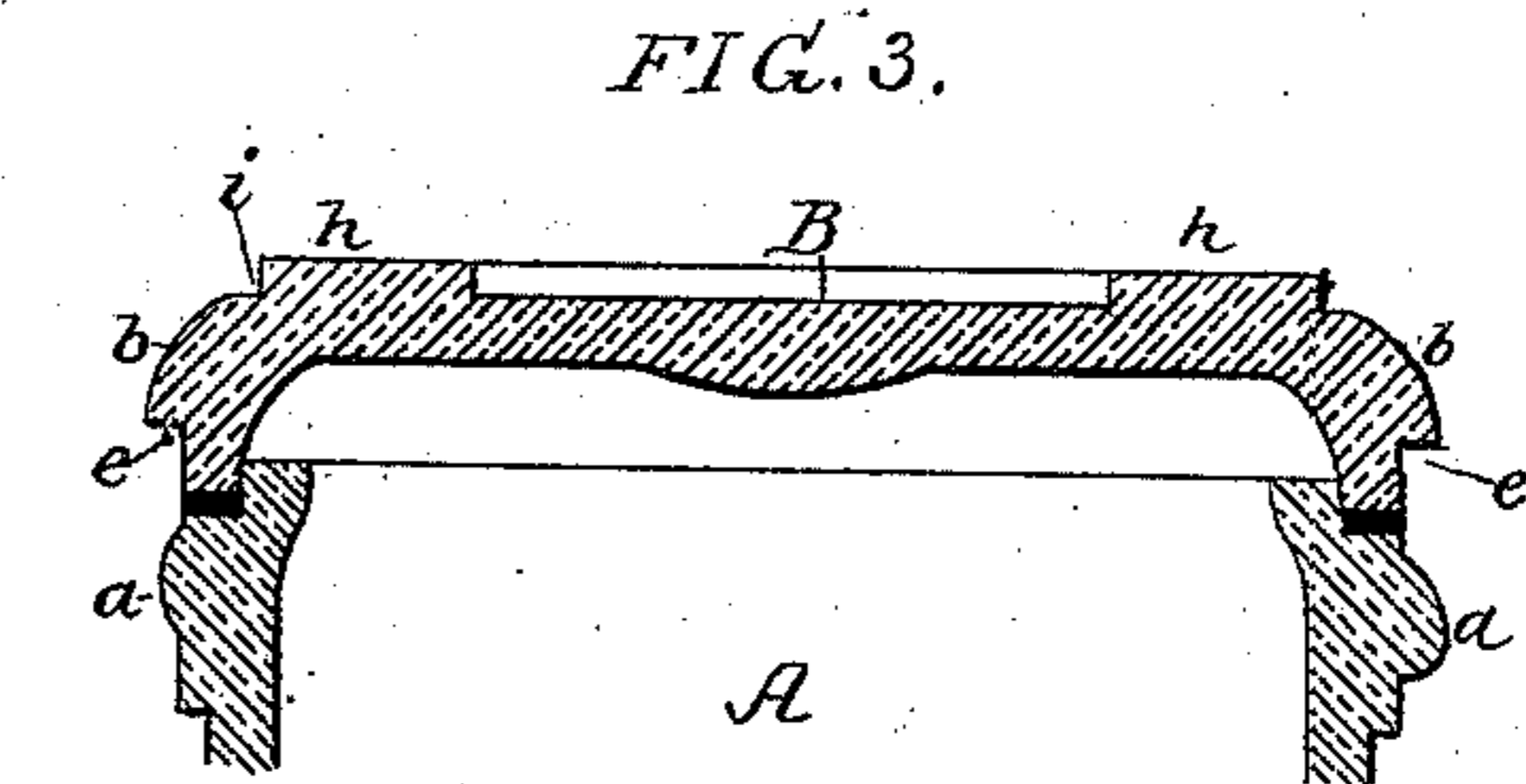
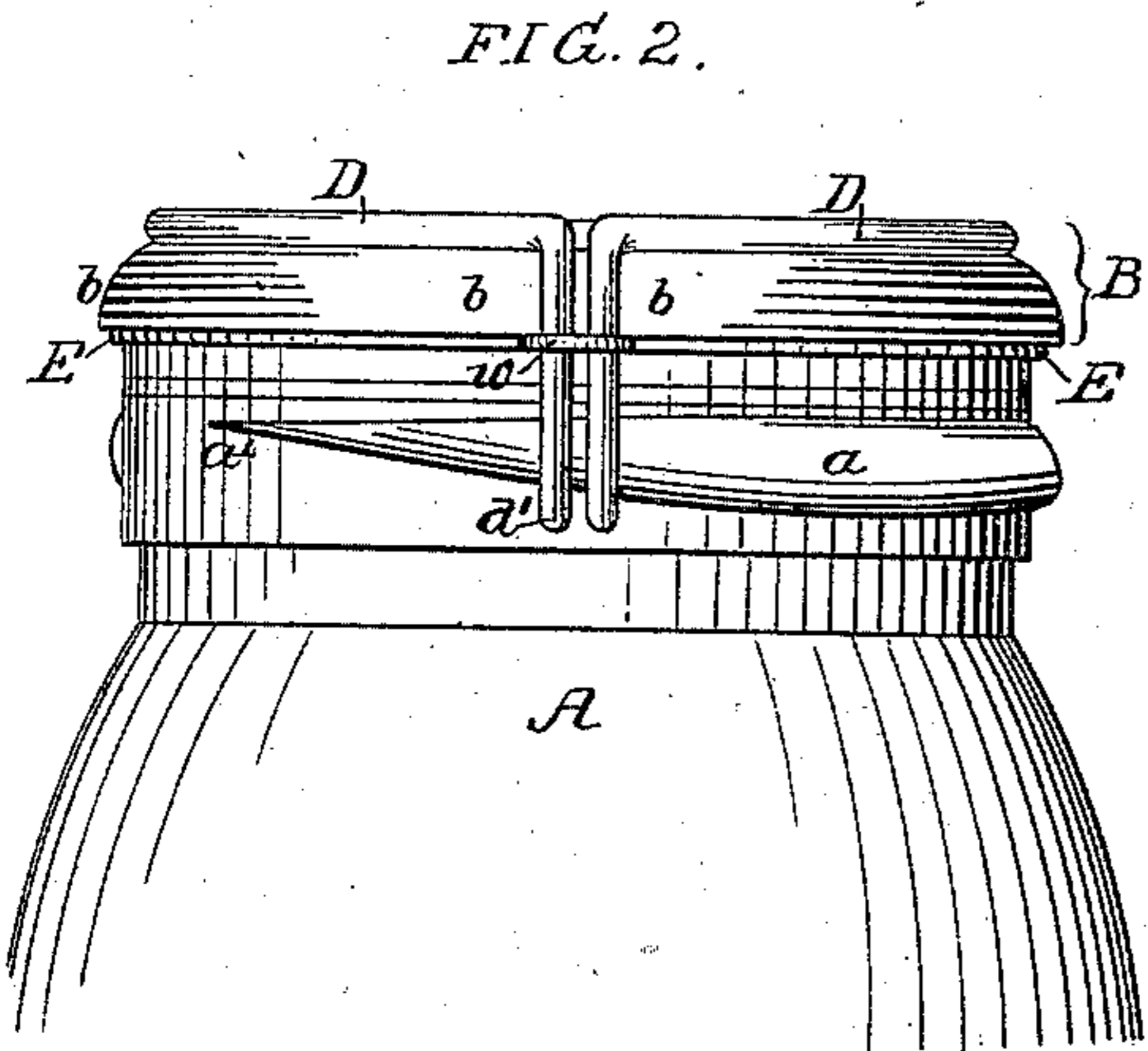
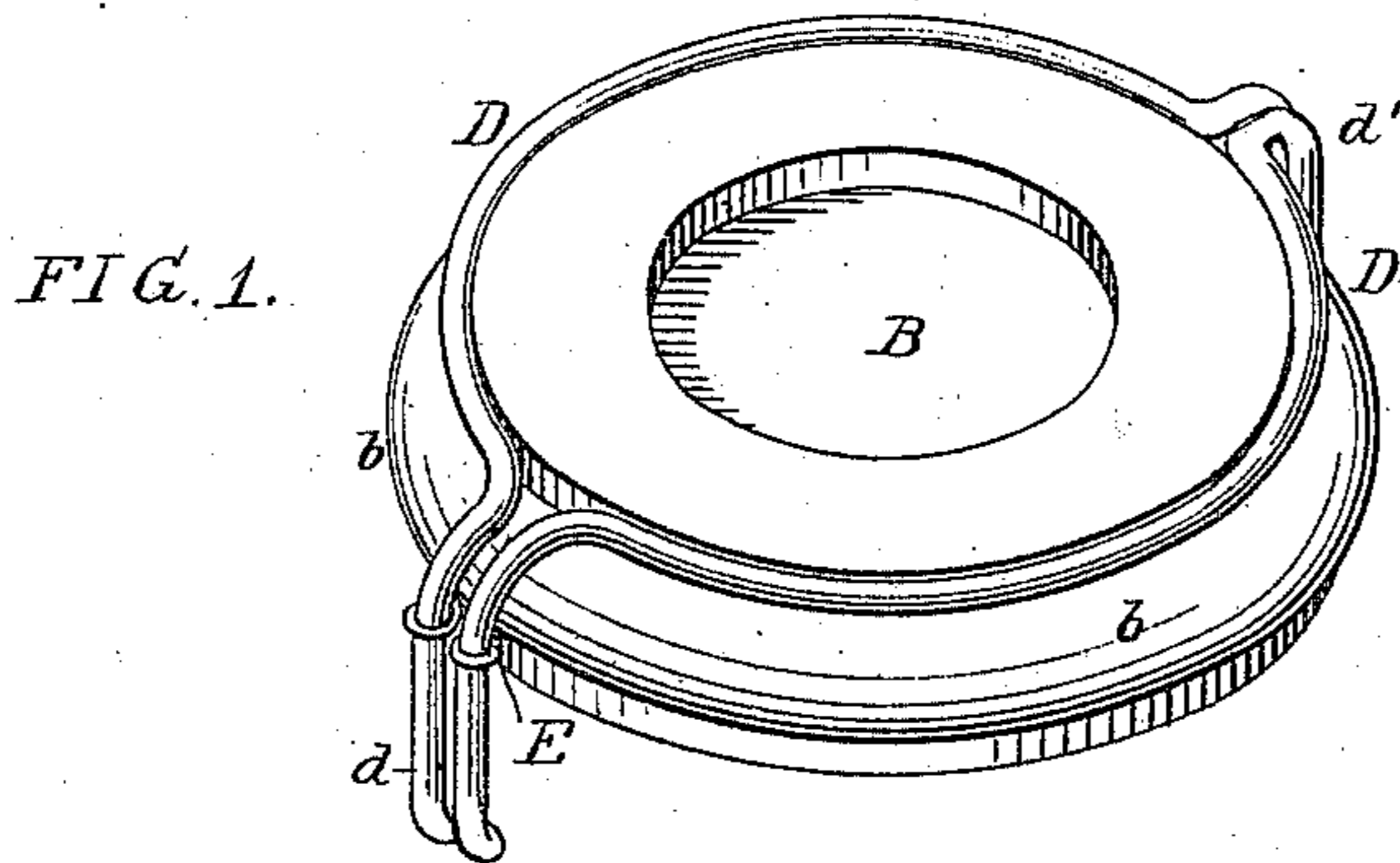


(No Model.)

A. F. WILSON.
FRUIT JAR COVER.

No. 299,044.

Patented May 20, 1884.



Witnesses:
James I Tobins
John M blayton.

Inventor
Allen F. Wilson
by his Attys.
Hobson and Co.

UNITED STATES PATENT OFFICE.

ALLEN F. WILSON, OF CLAYTON, NEW JERSEY, ASSIGNOR TO JOHN M. MOORE, OF SAME PLACE.

FRUIT-JAR COVER.

SPECIFICATION forming part of Letters Patent No. 299,044, dated May 20, 1884.

Application filed February 18, 1884. (No model.)

To all whom it may concern:

Be it known that I, ALLEN F. WILSON, a citizen of the United States, and a resident of Clayton, Gloucester county, New Jersey, have
5 invented certain Improvements in Fruit-Jar Covers, of which the following is a specification.

My invention consists of the combination of a glass cap for fruit-jars with a fastener constructed and adapted to the cap in the peculiar manner fully described and claimed hereinafter, the object of my invention being to confine the fastener to the cap and permit the latter to be turned on the former when both
15 are applied to the mouth of the jar.

In the accompanying drawings, Figure 1 is a perspective view of the cap and fastener; Fig. 2, a side view of the upper portion of a jar with cap and fastener; Fig. 3, a sectional view of the cap and upper end of the jar without the fastener; Fig. 4, a modification of Fig. 3, and Figs. 5 and 6 perspective views showing the mode
20 which I prefer of constructing the fastener.

A is part of the body of the jar, on the neck of which are formed two inclined ribs, *a*, as on other jars heretofore made.

The cap B has on the top a circular projection, *h*, and on the edge a flange, *b*, beneath which is the recess *e*, as shown in Fig. 3; or
30 there may be a recess, *y*, in the edge of the cap, as shown in Fig. 4. The cap fits over the mouth of the jar, between a shoulder on which and the cap intervenes the usual rubber gasket.

The fastener consists of a metal ring, D, having two fingers, *d d'*, bent inward or hooked at their lower ends, *f*. The ring bears on the top of the cap and is always concentric therewith, as it fits over the circular projection *h*, on which the ring is free to be turned. The ends of the
40 fingers *d d'* engage beneath the inclined ribs *a a* on the neck of the jar, so that on turning the ring the cap will compress the rubber

gasket, which thus forms a tight joint between the cap and the shoulder on the neck of the jar.

I prefer to make the fastener of one piece of wire in the manner shown in Fig. 5, the finger
45 *d* being formed by bending the wire in the middle, the wire being then bowed to form the two segments of the ring D, and the two end portions of the wire being bent to form the finger *d'*. 50

In order to keep the fastener down to its place on the cap, I attach a wire, E, to the fingers of the fastener, this wire occupying a position in the recess *e* of the cap, Fig. 3, or being contained in the recess *y* in the edge of the cap shown in Fig. 4, so that the fastener cannot be detached from the said cap. After the fastener has been adjusted to the cap, the retaining-wire may be bent and soldered to the
60 fingers; but I prefer to notch both fingers at *x* and to bend the wire at *w*, so as to embrace the finger *d'* and fit into its notches, the two end portions of the wire being bent one round each part of the finger *d* where the notches *x* occur. The bend *w* in the wire E prevents the parts of the finger *d'* which are disconnected at the ends from being forced apart. 65

I claim as my invention—

The combination of the cap of a fruit-jar, its circular projection *h*, and recess *e*, with a fastener consisting of the ring D, adapted to the said projection, and having fingers *d d'*, and the retaining-wire E, attached to the fingers and fitting in the said recess of the cap, all substantially as set forth. 75

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

ALLEN F. WILSON.

Witnesses:

JOHN M. CLAYTON,
HUBERT HOWSON.