

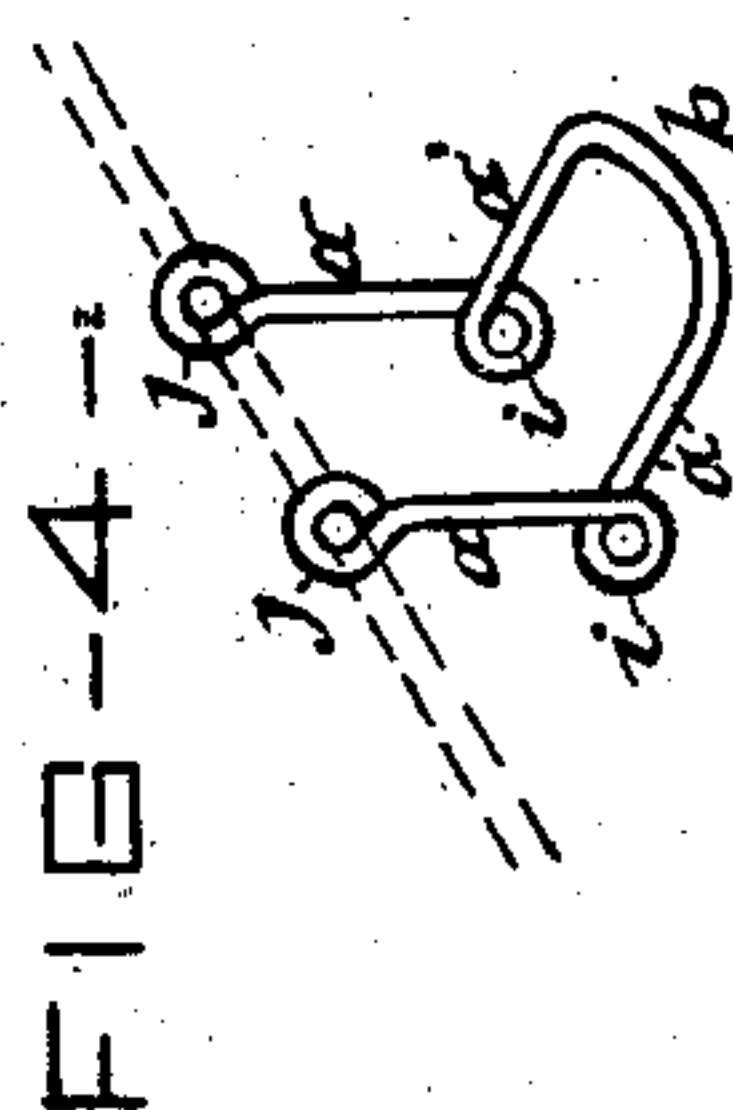
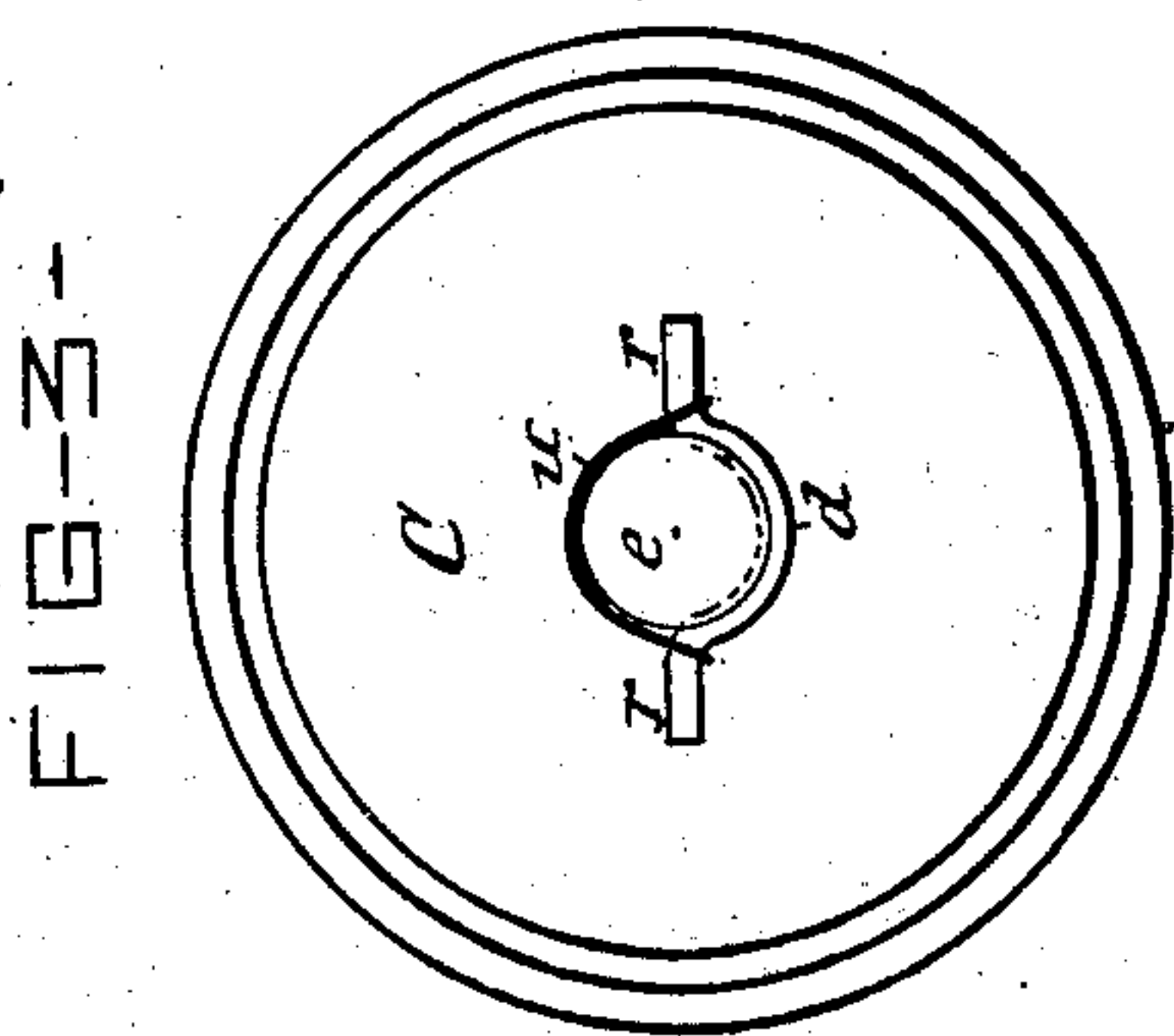
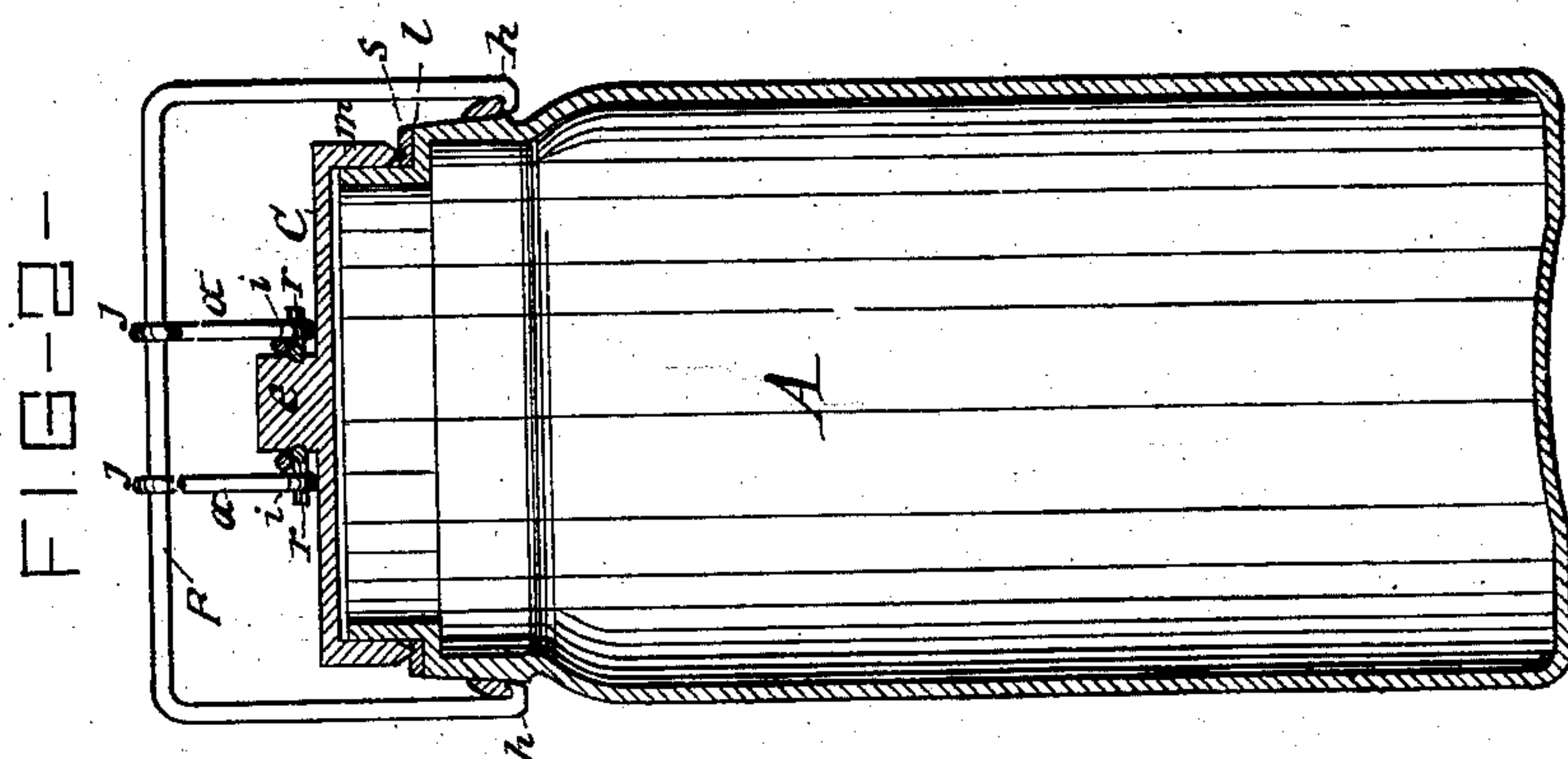
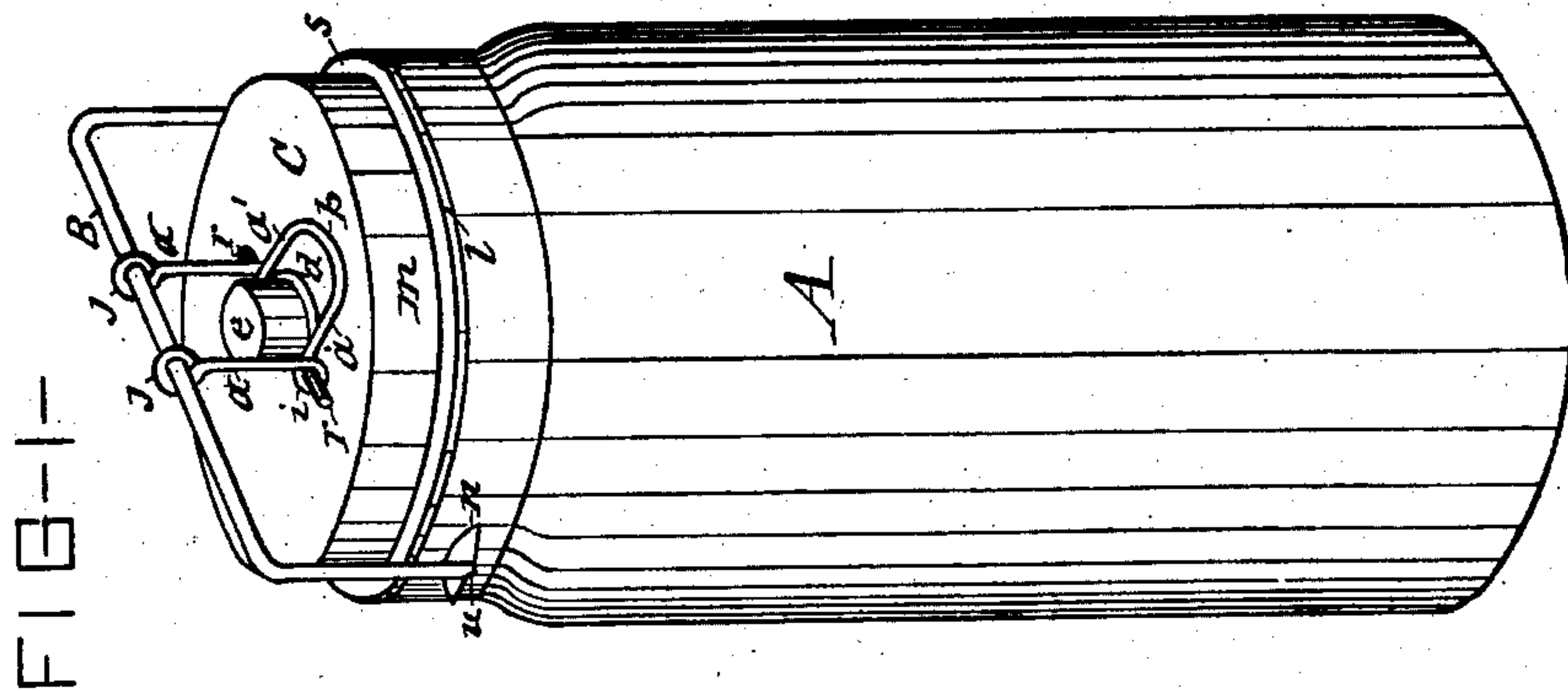
(No Model.)

C. HOUSE.

FRUIT JAR.

No. 248,098.

Patented Oct. 11, 1881.



WITNESSES:

By Bendixon.
C. W. Raymond.

INVENTOR:

Charles House
per Duell, Laess & Hay
his Atty.

UNITED STATES PATENT OFFICE.

CHARLES HOUSE, OF BUFFALO, NEW YORK.

FRUIT-JAR.

SPECIFICATION forming part of Letters Patent No. 248,098, dated October 11, 1881.

Application filed April 14, 1881. (No model.)

To all whom it may concern:

Be it known that I, CHARLES HOUSE, of Buffalo, in the county of Erie, in the State of New York, have invented new and useful Improvements in Fruit-Jars, of which the following, taken in connection with the accompanying drawings, is a full, clear, and exact description.

This invention relates to improved means of hermetically sealing fruit-jars and analogous vessels designed for the preservation of fruits and other perishable substances.

The invention is clearly illustrated in the accompanying drawings, wherein Figure 1 is a perspective view of a fruit-jar provided with my improvement. Fig. 2 is a vertical section of same; Fig. 3, a top view of the cover, and Fig. 4 an isometric detached view of the cam which crowds the cover onto its seat on the jar.

Similar letters of reference indicate corresponding parts.

A represents a fruit-jar of the ordinary form, and provided with the usual ledge or seat, *l*, upon which is placed a rubber gasket, *s*, designed to form an air-tight packing between the cover C and its seat on the jar, said cover being usually provided with a downward-projecting flange or rim, *m*, by which it rests on the gasket *s*.

Various means have been resorted to to obtain the requisite pressure on top of the cover, so as to properly compress the gasket and effectually preclude the ingress of air to the interior of the jar.

It is the object of this invention to provide simple, cheap, durable, and at the same time convenient and effective means for expeditiously and properly applying the cover to the jar. For the attainment of this object I employ a knee or right-angled cam, *a a'*, hinged at its angle on top of the cover, and a bail, B, extended across the cover and connected with one end of the aforesaid cam, and having its extremities provided with a hook, *h*, adapted to engage with a suitable shoulder on the exterior of the jar. To simplify and cheapen the construction of the aforesaid device I form the cam *a a'* of a continuous piece of wire bent into a bow, *b*, at about midway its length, so as to bring the returned portions about parallel to each other. Said returned parts are again bent near the center of their length, so as to form thereat an eye, *i*, and at the same time bring the end portion of the wire to stand at right angles to the plane of the bow *b*. The

extremities of the wire are bent into an eye, *j*, through which the bail B passes. To facilitate the attachment of the described cam *a a'* to the cover C, I provide the latter with a head, *e*, which has near its base a circumferential groove, into which is fitted a semicircular bail, *d*. The extremities of said bail are bent radially outward from the head *e*, to form ears *rr*, upon which the wire cam *a a'* is hinged by its eyes *i i* encompassing said ears.

The bail *d* is secured on the head *e* by a wire, *u*, as shown in Fig. 3 of the drawings.

The operation of my invention is as follows: The cover C is placed in position on top of the jar, and the bail B made to engage with its hooked ends *h* a shoulder on the exterior of the jar. Then, by pressing upon the bow *b* or free end of the cam *a a'*, the top of the bail B is drawn over the top of the cover C, slightly past the center thereof, and brought to bear with the arms *a a* of the cam upon the cover. The bow *b* or free end of the cam, resting then on the cover, as shown in Fig. 1 of the drawings, supports the bail B in the aforesaid position.

To facilitate the connection of the hooked extremities of the bail B with the jar A, I provide the exterior of the latter with a short extra shoulder, *n*, in the form of a lug having a central depression for retaining the ends of the bail, and beveled ends to allow the bail to be easily applied to said lug.

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

The combination of the cover C, provided with the head *e*, the bail *d*, secured to the head *e*, and having ears *r*, the cam *a a'*, formed of a continuous piece of wire bent into a bow, *b*, and around the ears *rr*, the bail B, connected to the extremities of the wire cam aforesaid, and having its extremities provided with a hook, *h*, and the jar A, provided with the gasket *s*, and lug or shoulder *n*, all substantially as set forth and shown.

In testimony whereof I have hereunto signed my name and affixed my seal, in the presence of two attesting witnesses, at Syracuse, in the county of Onondaga, in the State of New York, this 7th day of April, 1881.

CHARLES HOUSE. [L. S.]

Witnesses:

LEWIS HOUSE,
C. BENDIXON.