

L. D. LEWIS.

CAN COVER.

APPLICATION FILED FEB. 24, 1910.

963,598.

Patented July 5, 1910.

Fig. 1.

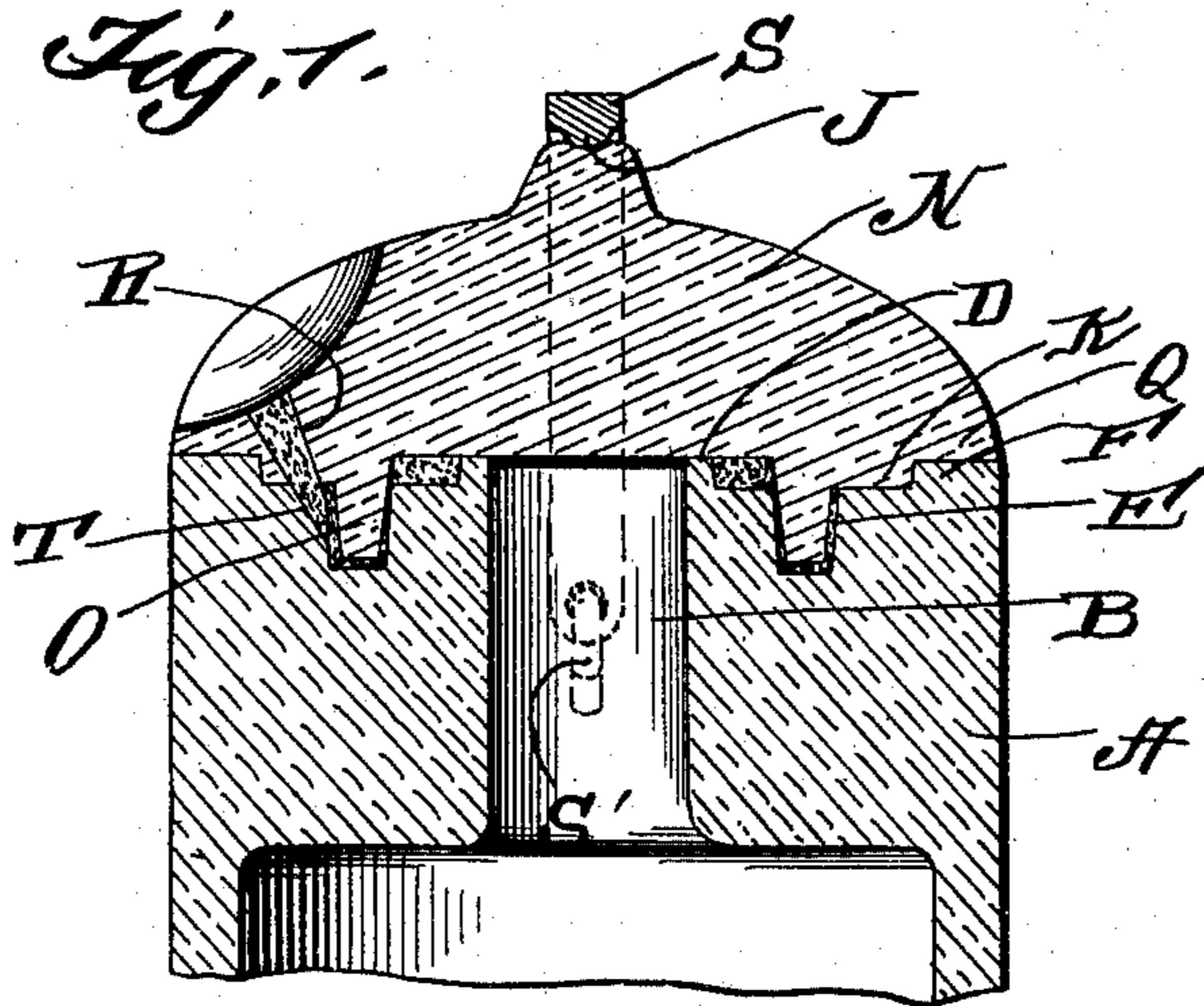


Fig. 2.

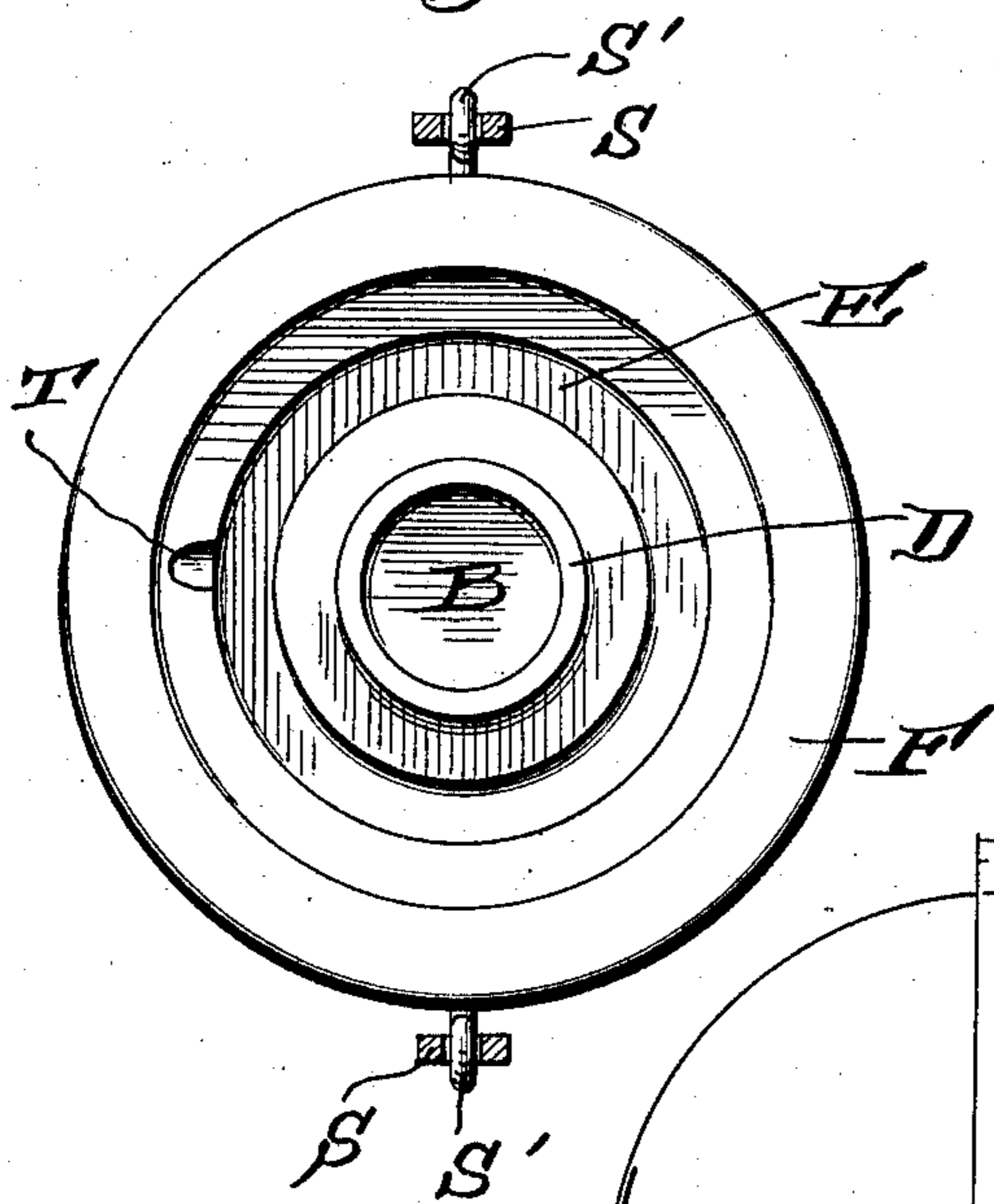


Fig. 3.

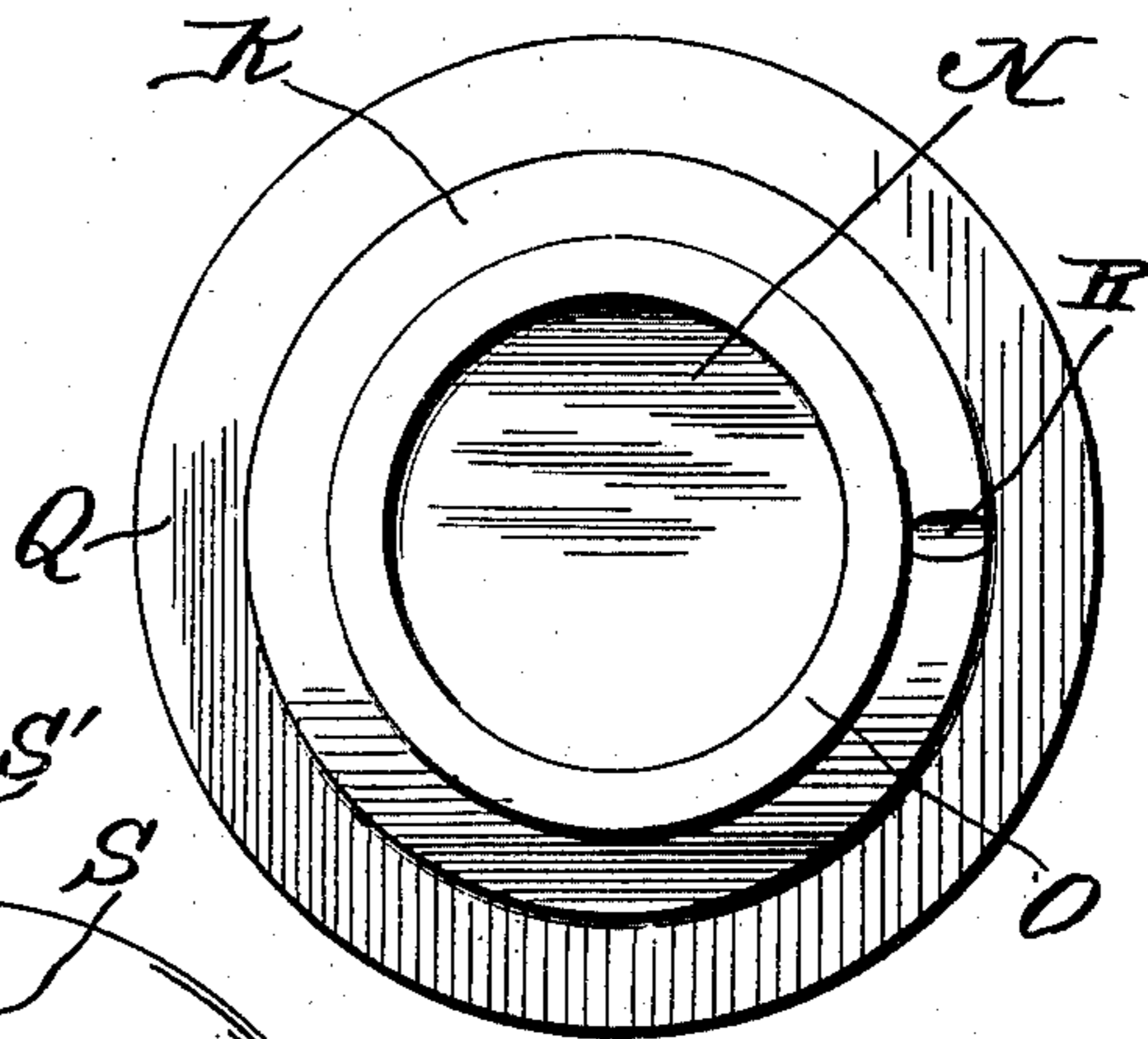
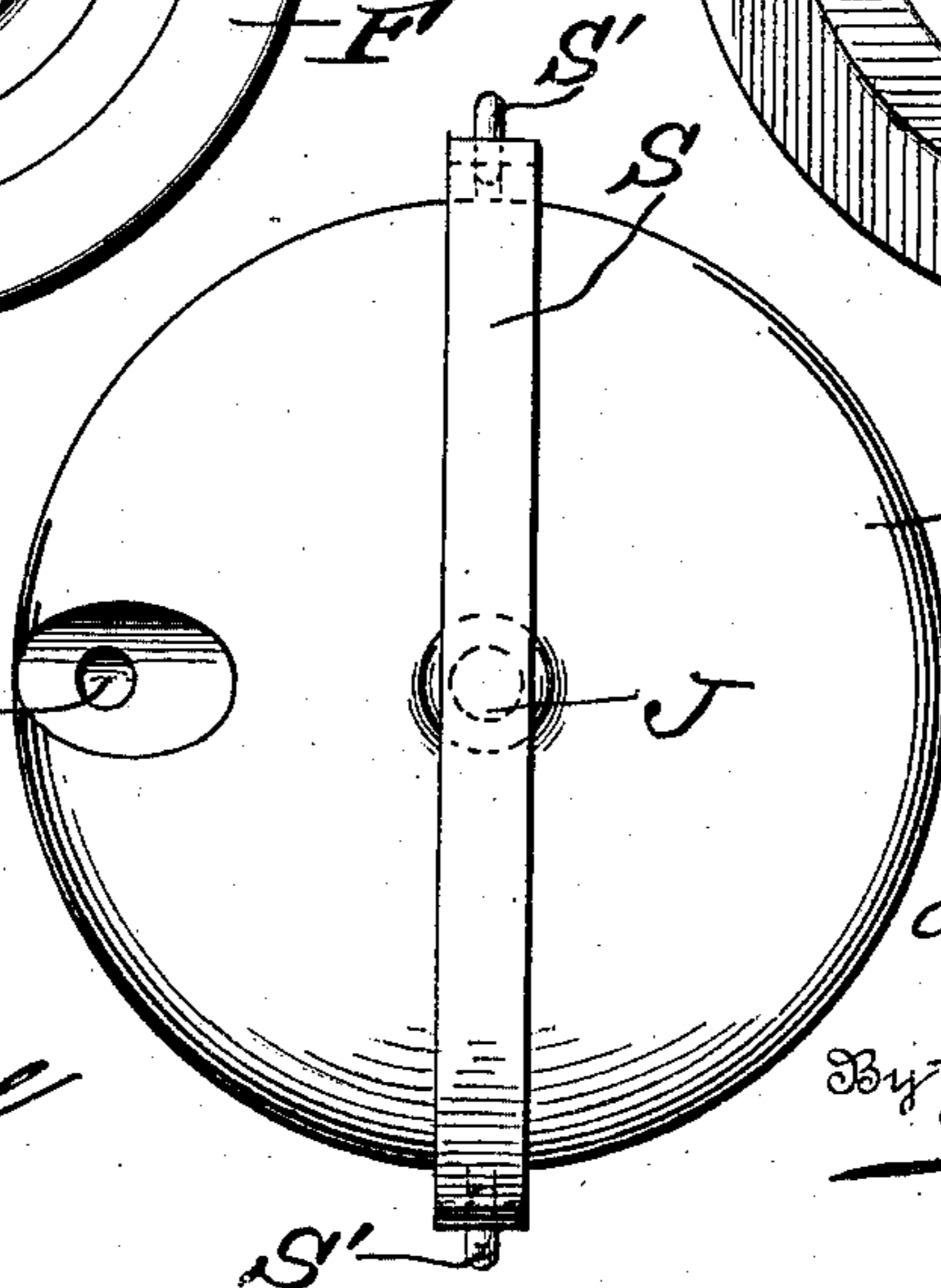


Fig. 4.



Witnesses

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UNITED STATES PATENT OFFICE.

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CAN-COVER.

963,598.

Specification of Letters Patent.

Patented July 5, 1910.

Application filed February 24, 1910. Serial No. 545,610.

To all whom it may concern:

Be it known that I, LORENZO D. LEWIS, a citizen of the United States, residing at Adams, in the county of Jefferson and State of New York, have invented certain new and useful Improvements in Can-Covers; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention relates to new and useful improvements in covers for cans and receptacles of various kinds and consists in the provision of a simple and efficient device of this nature so arranged that a secure and hermetically sealed joint may be produced.

The invention comprises various details of construction and combinations and arrangements of parts which will be hereinafter fully described and then specifically defined in the appended claim.

I illustrate my invention in the accompanying drawings, in which:—

Figure 1 is a sectional view through a can cover and neck of a can showing the cover applied thereto. Fig. 2 is a top plan view of the can. Fig. 3 is a bottom plan view of the cover, and Fig. 4 is a top plan view of the cover.

Reference now being had to the details of the drawings by letter, A designates the neck of a can having a central opening B therein about which is an annular rim or beading D. Concentric with said opening is an annular recess E with a space intervening between the same and the annular rim D, which latter projects above the upper marginal opening into said recess E. About the recess E is an annular flange F projecting above the surface in which the recess E is formed and said rim F is in a plane coincident with the plane of the upper surface of the rib D.

The cover, designated by letter N, has upon its under face an annular ring O which is preferably of a diameter a trifle less than the inner diameter of the recess E in which it is adapted to seat so that the inner mar-

ginal edge of the ring O will frictionally bind against the inner wall of the recess E to afford a tight joint. Projecting about the circumference of the annular ring O is a circular outlined shoulder K adapted to rest upon the space intermediate the annular recess E and the inner marginal edge of the flange F and fill such space, while concentric with and extending about the shoulder K is the flange Q adapted to rest upon the top of the annular flange F. When the parts are adjusted together, it will be noted that practically a hermetically sealed joint is afforded.

In order to seal the top, an aperture R is formed through the cover and leading into and adapted to register with a duct T formed through the wall leading into the recess E, as shown by the sectional view, and through which a sealing material may be poured in order to fill the recess. A bail designated by letter S is pivotally mounted upon eyes S' fastened to the neck at positions diametrically opposite and a cam J is fastened to the bail and adapted to engage the top for the purpose of holding the bail securely in a locked position.

From the foregoing, it will be noted that, by the provision of a closure for cans as shown and described, a simple and efficient means is afforded for producing a hermetically sealed joint, thus excluding air from the contents of the receptacle.

What I claim to be new is:—

In combination with a receptacle having a circular outlined groove in its end with recesses in the end upon either side of said groove and terminating in annular shoulders, a closure having a tapering flange projecting from the face thereof and a shouldered portion projecting from the outer face of the flange, said flange adapted to seat in said groove and the shoulder upon the recess in the end of the receptacle, the outer surface of said closure and circumference of the receptacle being flush.

In testimony whereof I hereunto affix my signature in the presence of two witnesses.

LORENZO D. LEWIS.

Witnesses:

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