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A. E. WITTIG

ATTACHMENT FOR JARS

Filed Oct. 30, 1922

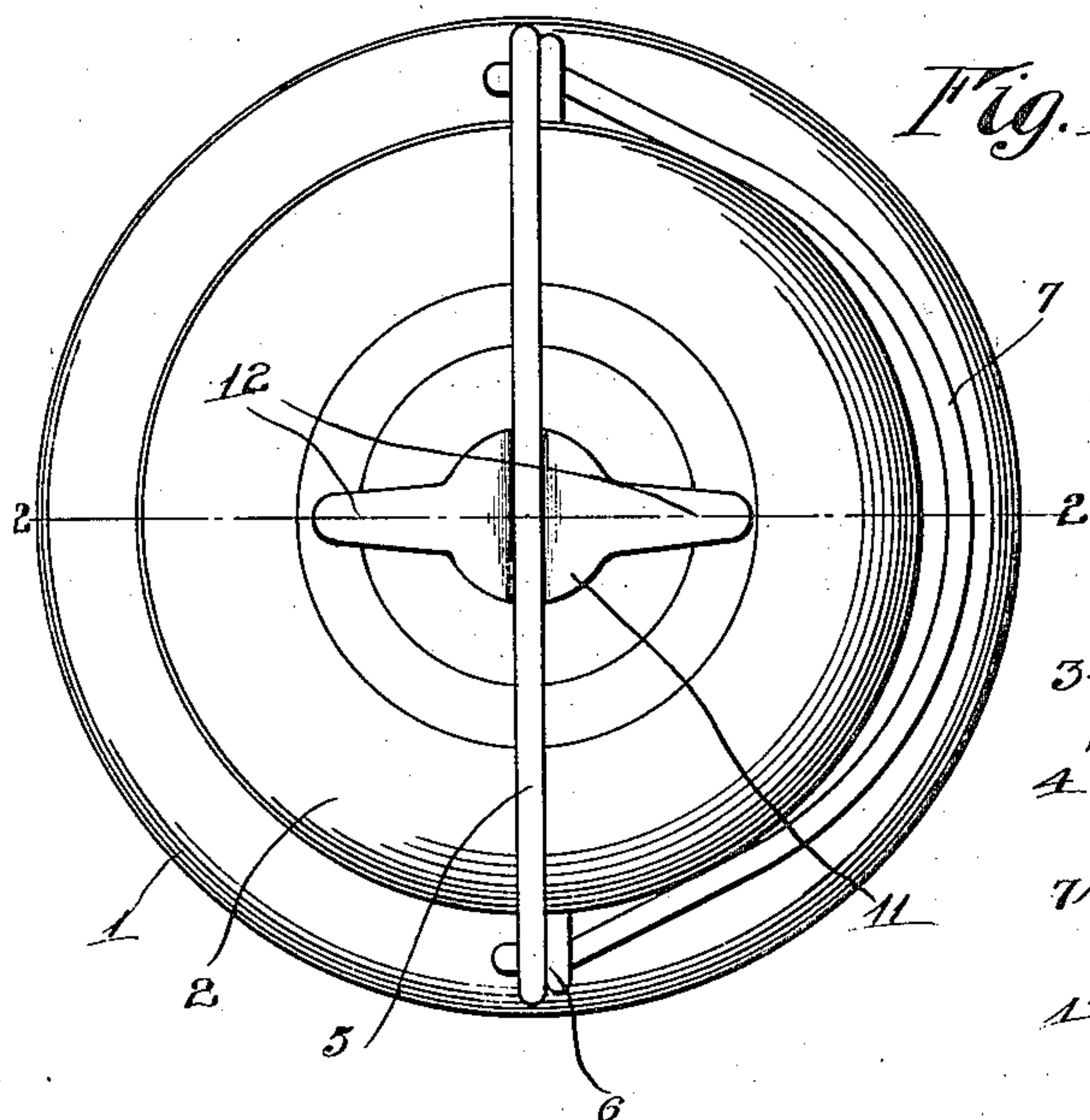


Fig. 1

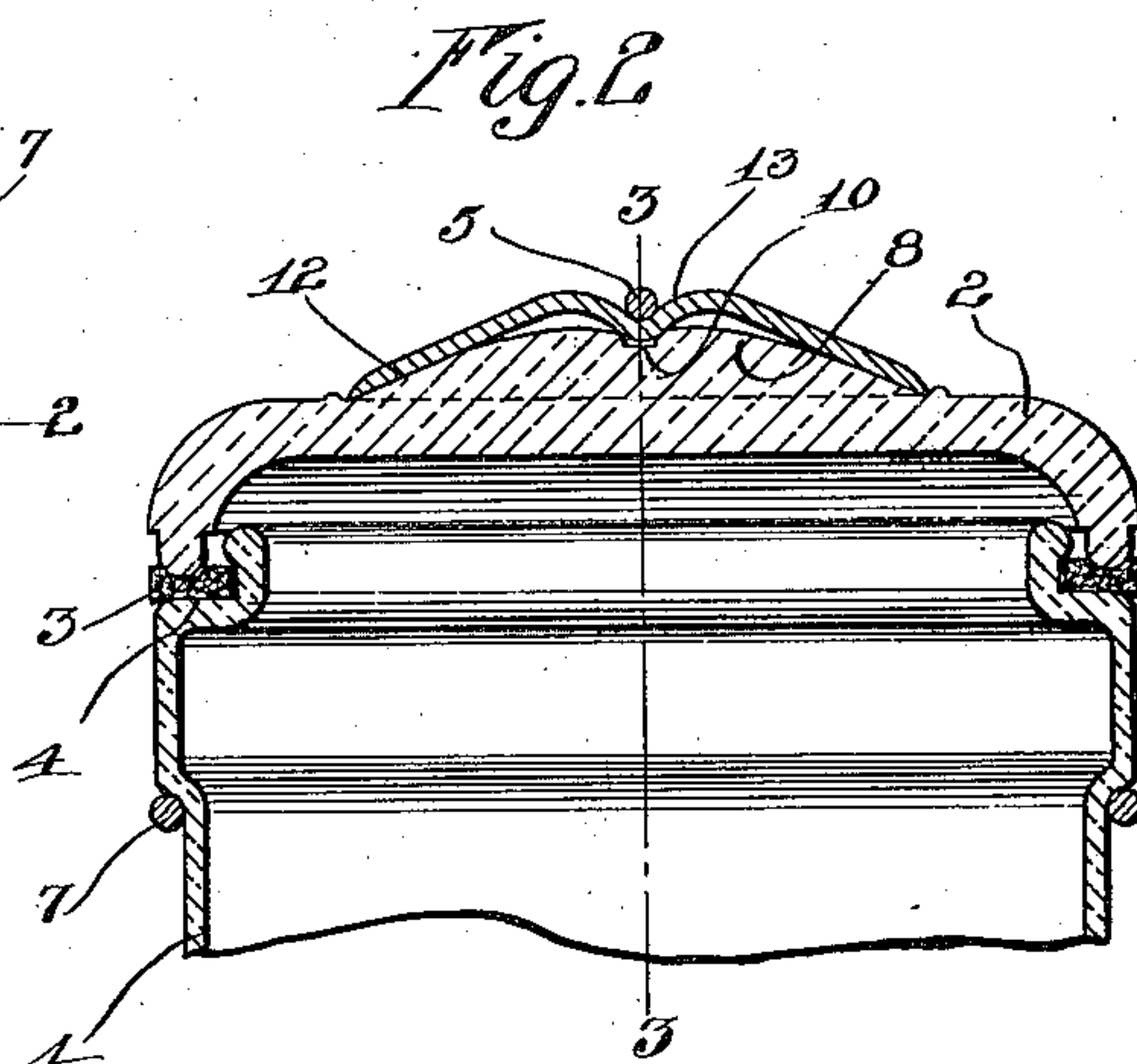


Fig. 2

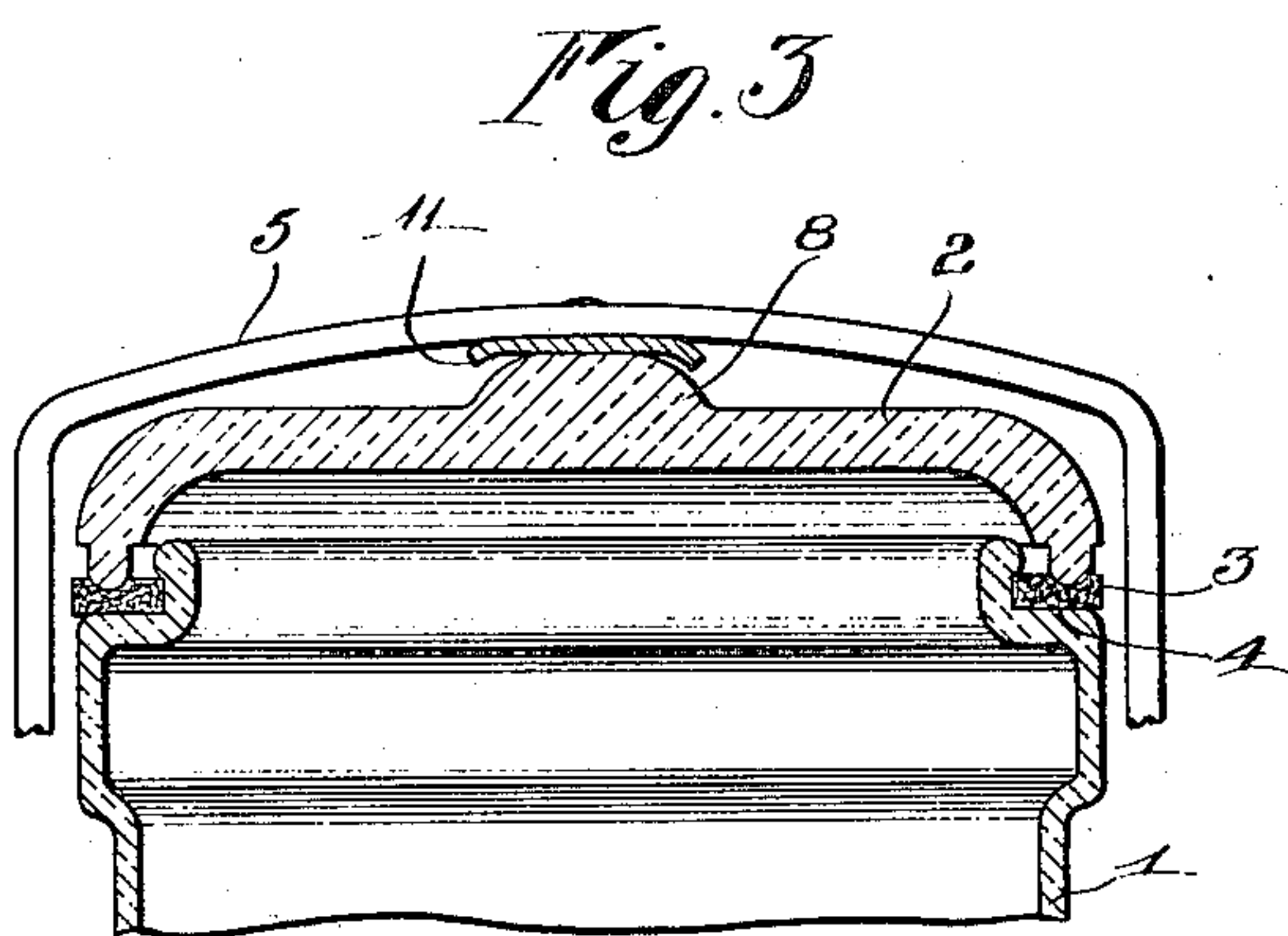


Fig. 3

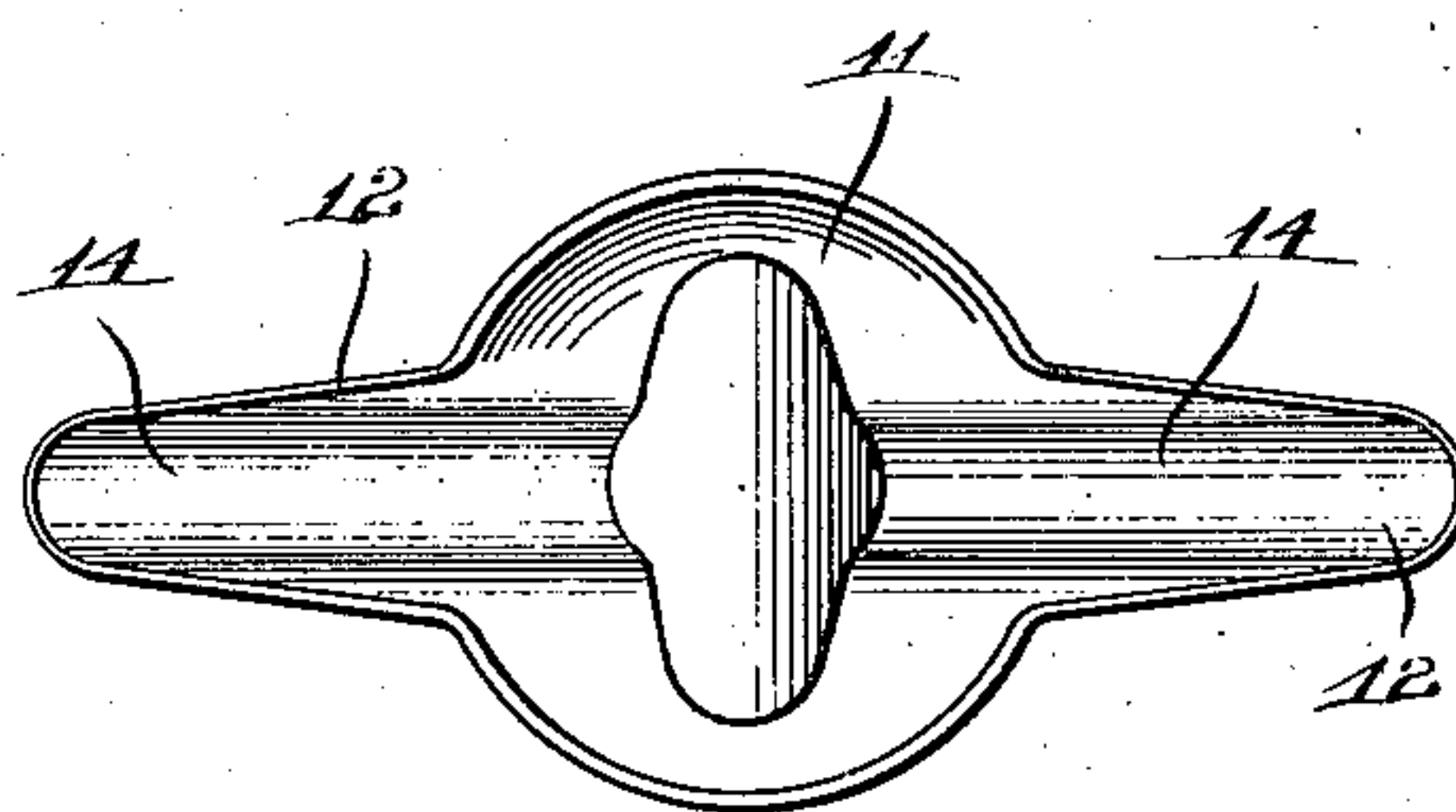


Fig. 4

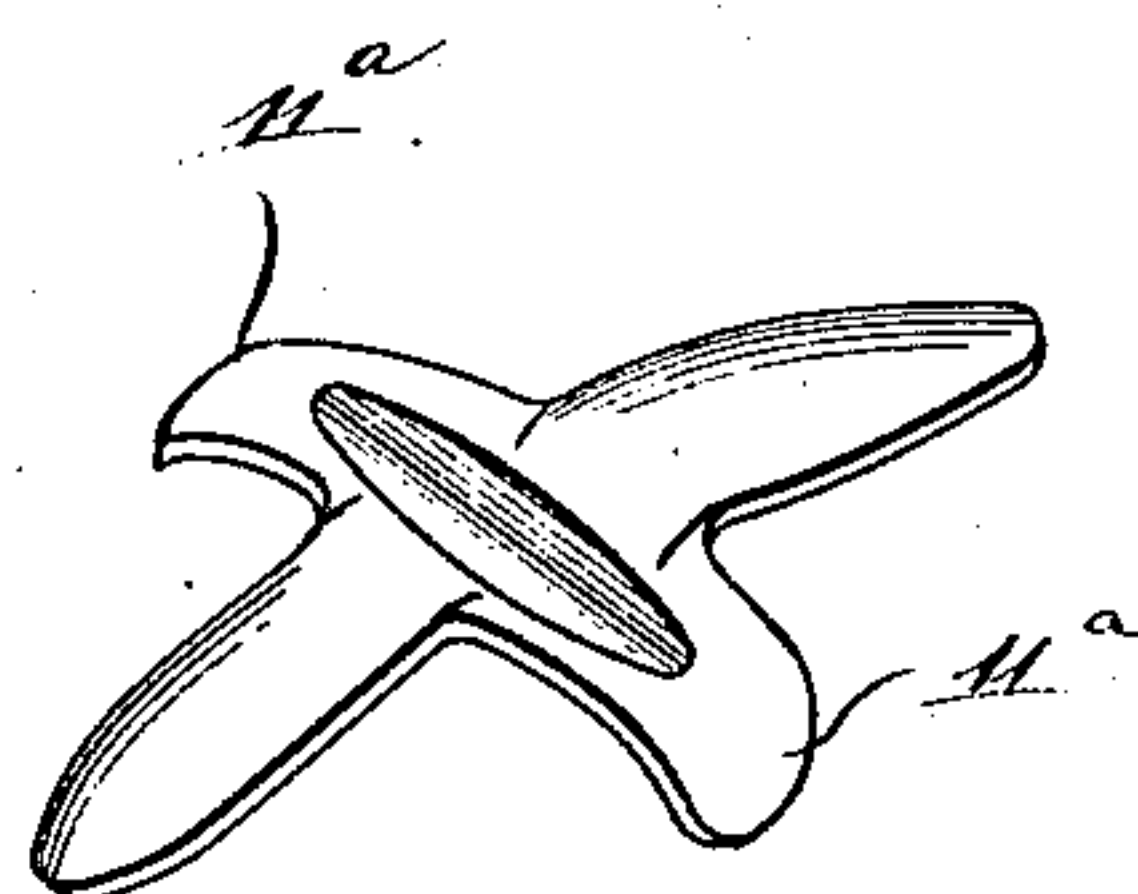


Fig. 5

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UNITED STATES PATENT OFFICE.

ALFRED E. WITTIG, OF ROCHESTER, NEW YORK.

ATTACHMENT FOR JARS.

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To all whom it may concern:

Be it known that I, ALFRED E. WITTIG, a citizen of the United States, and resident of Rochester, in the county of Monroe and State of New York, have invented certain new and useful Improvements in Attachments for Jars, of which the following is a specification.

The present invention relates to an attachment for jars, such as fruit jars of the type in which the cover or closure is provided with a bail-receiving recess and two camming portions on opposite sides of the recess over which the bail is caused to pass to enter into the bail-receiving recess. An object of this invention is to provide an attachment which will cooperate with these camming portions and the walls of the recess for the purpose of causing the cover or closure to be held in tight cooperation with the jar by the bail, after the latter has become expanded or stretched from use.

To these and other ends, the invention consists of certain parts and combinations of parts, all of which will be hereinafter described: the novel features being pointed out in the appended claims.

In the drawings:

Fig. 1 is a plan view of a jar equipped with the present invention;

Fig. 2 is a fragmentary sectional view on the line 2—2, Fig. 1;

Fig. 3 is a sectional view on the line 3—3, Fig. 2;

Fig. 4 is a view of the under side of the attachment; and

Fig. 5 is a perspective view of another embodiment of the invention.

Referring more particularly to the drawings, 1 indicates the jar and 2 the cover or closure which has its edge seated on a packing 3 resting on a seat 4 at the upper end of the jar. This cover is held in place by a swinging bail 5 of known construction pivotally connected at 6 to a swinging member 7, which tends to draw the bail with pressure on the closure 2. The closure has on its top a pair of cam portions 8 extending in opposite directions from a notch or recess 10. In operation the bail is forced upwardly over one of the cams portions 8 to enter the notch or recess 10 after which swinging

member 7 is swung downwardly to place pressure on the bail, all of which form part of a well-known construction and is not claimed herein.

The clamping means for the top 2 becomes in time so weak or stretched that it will not place the proper pressure upon the top and, in order to obtain this pressure, this attachment is provided. Two embodiments of this attachment are illustrated, one in Figs. 1 to 4 and the other in Fig. 5. In the embodiment illustrated in Fig. 4, the attachment is formed from sheet metal to provide a circular substantially inverted cup-shaped portion 11, and two arms 12 extending from diametrically opposite sides of the cup-shaped portion and downwardly with reference to the same. At or near the center of the attachment a transversely extending groove 13 is provided, in the top surface of the circular portion 11, and on the under side of the attachment two longitudinally extending grooves 14 are provided, these grooves leading from the transversely extending groove or recess to the ends of the arms. The grooves 14 receive the cam portions 8, while the projection formed between the inner ends of the longitudinal grooves by depressing the top surfaces of the attachment to provide the transverse groove lies in the recess 10. It will thus be seen that the arms of the attachment act as cam surfaces for the bail and serve to hold the attachment against transverse movement of the beveling projections of the cover or closure. The transversely extending recess or groove serves as a locking recess for the bail and the projection formed on the under side of the attachment beneath the transversely extending groove serves to enter the recess between the cam portions on the cover to prevent the longitudinal movement of the attachment on the cam portions of the cover.

In the embodiment shown in Fig. 5, the parts are the same except that the central portion is in the form of two laterally projecting arms 11^a, which take the place of the inverted cup-shaped portion 11 of the embodiment shown in Figs. 1 to 4.

From the foregoing it will be seen that there has been provided an attachment for jars of the type described which will permit

the obtaining of a stronger clamping action on the cover after the clamping bail has become weakened.

What I claim as my invention and desire to secure by Letters Patent is:

1. A jar attachment comprising a central portion provided with a transversely extending bail-receiving recess and two arms extending from said central portion and having means for interlocking with the cam portions of a jar closure.

2. A jar attachment comprising a central portion provided with a transversely extending bail-receiving recess, and means for interlocking with the cam portions of a jar closure.

3. A jar attachment comprising a central portion provided with a transversely extend-

ing bail-receiving recess on one side of the attachment, and two arms extending from said central portion and having each a longitudinally extending recess on the opposite side of the attachment.

4. A jar attachment comprising a central portion provided with a transversely extending bail-receiving recess on one side of the attachment, and two arms extending from said central portion and having each a longitudinally extending recess on the opposite side of the attachment, said central portion also having a projection on the under side between the longitudinally extending recesses to enter the bail-receiving recess of the jar closure.

ALFRED E. WITTIG.