

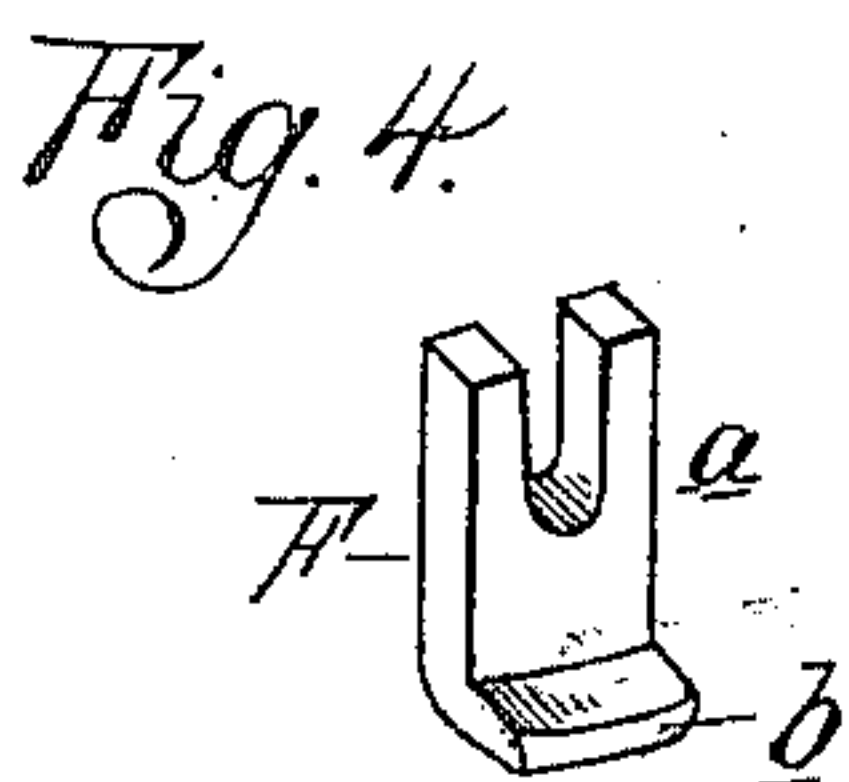
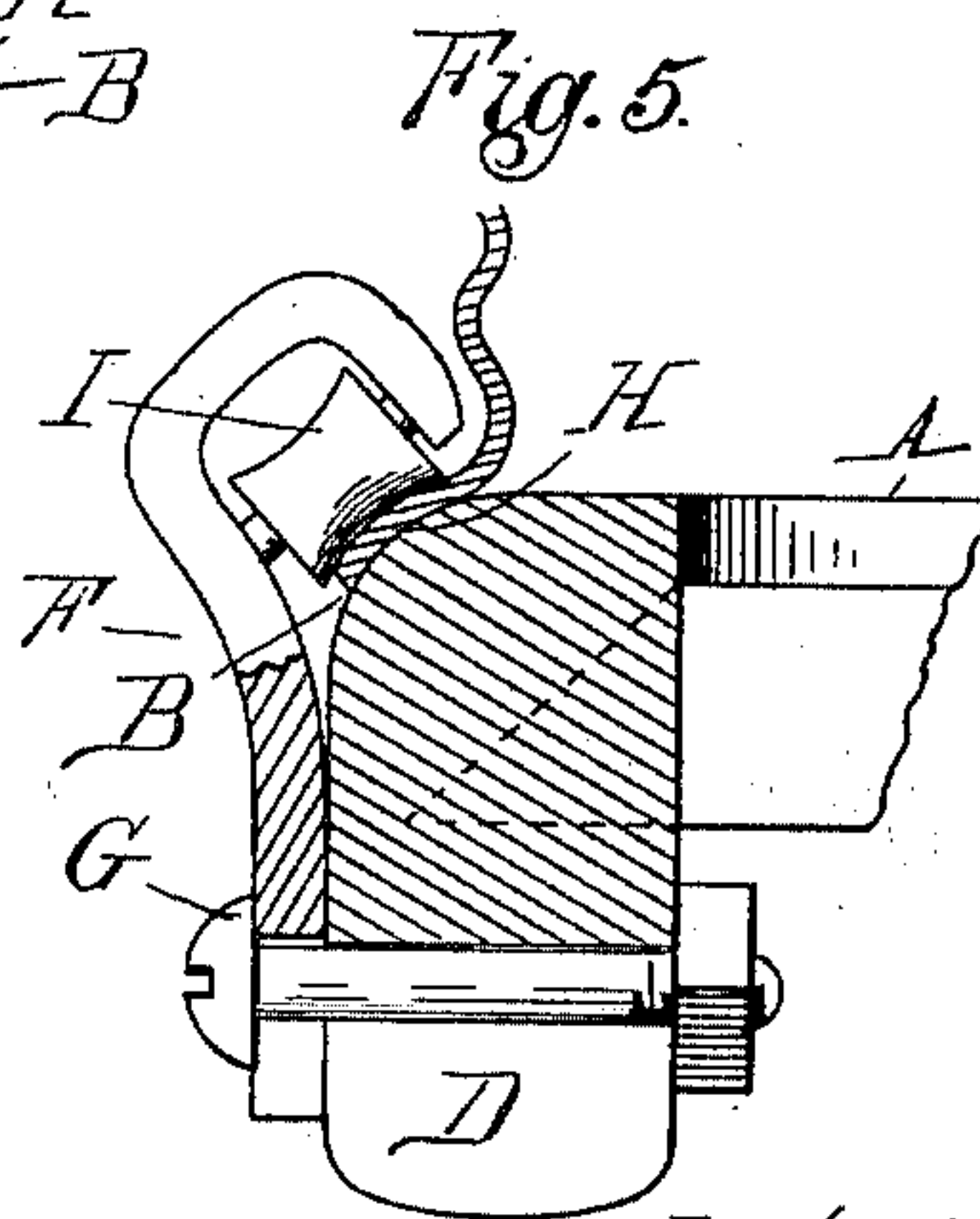
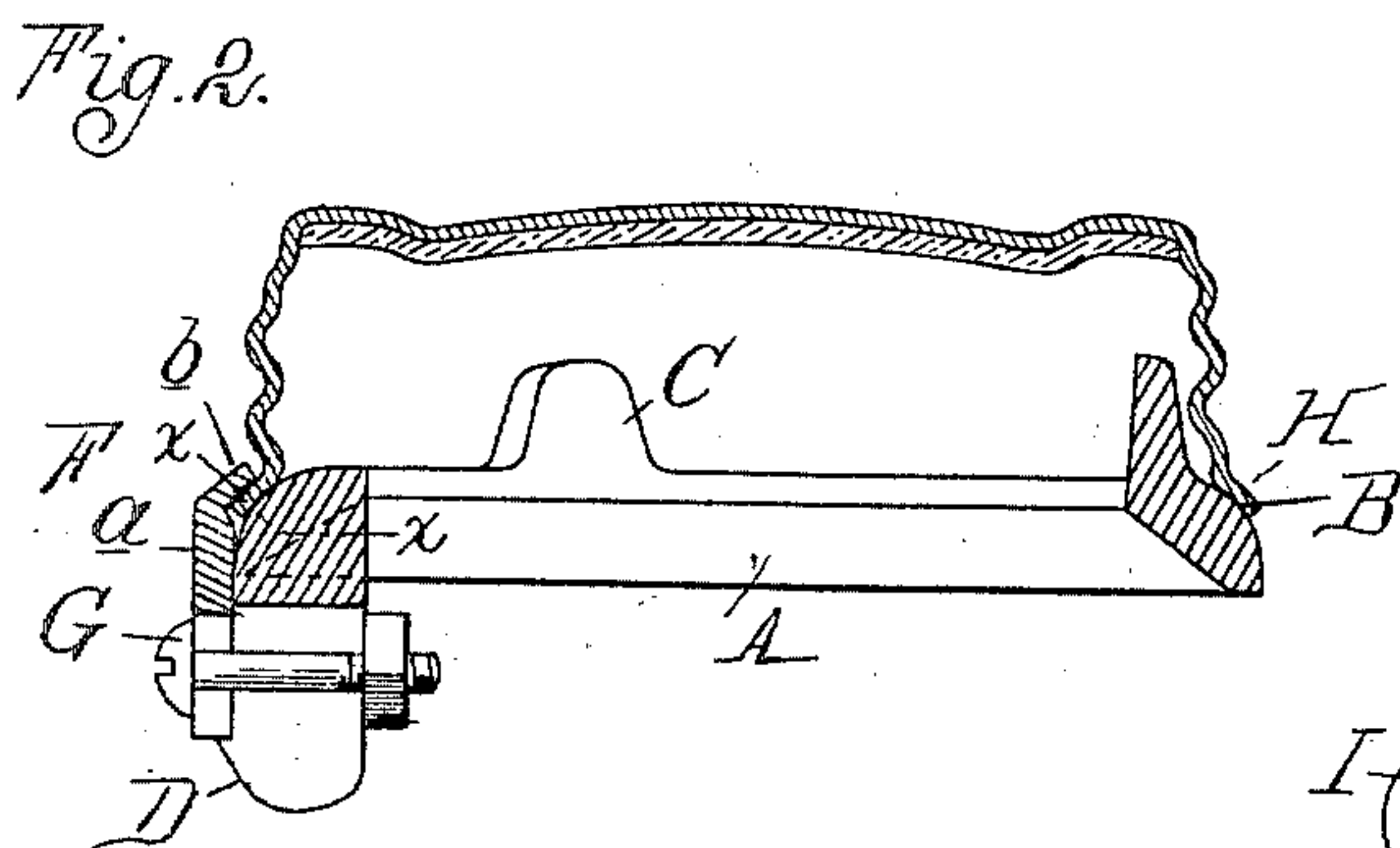
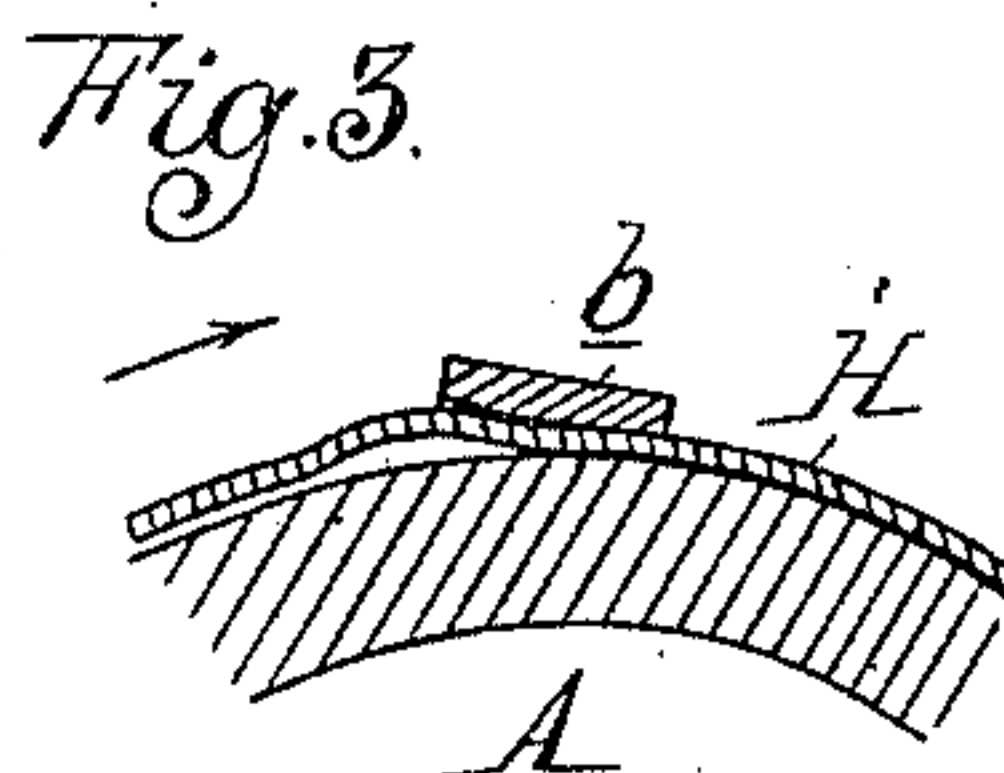
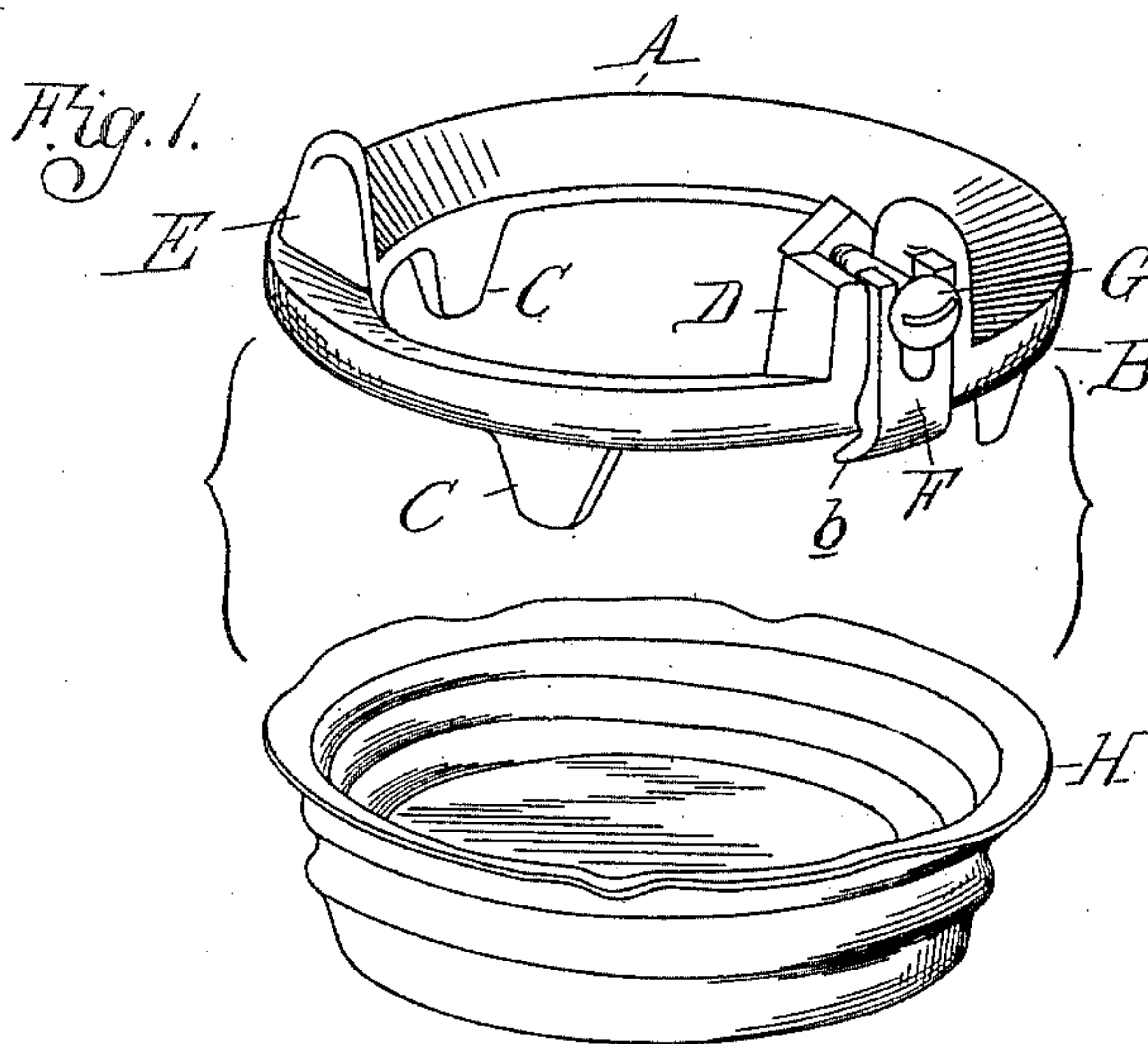
No. 667,942.

Patented Feb. 12, 1901.

J. C. HEADMAN & W. E. CURTIS.  
DEVICE FOR TRUING FRUIT JAR COVERS.

(Application filed Apr. 16, 1900.)

(No Model.)



Witnesses:

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# UNITED STATES PATENT OFFICE.

JAMES C. HEADMAN AND WILLIAM E. CURTIS, OF WYANDOTTE, MICHIGAN.

## DEVICE FOR TRUING FRUIT-JAR COVERS.

SPECIFICATION forming part of Letters Patent No. 667,942, dated February 12, 1901.

Application filed April 16, 1900. Serial No. 12,976. (No model.)

*To all whom it may concern:*

Be it known that we, JAMES C. HEADMAN and WILLIAM E. CURTIS, citizens of the United States of America, residing at Wyandotte, in the county of Wayne and State of Michigan, have invented certain new and useful Improvements in Devices for Truing Fruit-Jar Covers, of which the following is a specification, reference being had therein to the accompanying drawings.

The invention relates to a device especially designed for the truing of the flanges of fruit-jar covers which have become bent out of shape; and the invention consists in the construction hereinafter described and claimed.

In the drawings, Figure 1 is a perspective view of the truing device, together with an untrued jar-cover to which it is to be applied. Fig. 2 is a central section through the device in engagement with the cover as in the act of truing. Fig. 3 is a section on line *x x*, Fig. 2. Fig. 4 is a perspective view of the truing-finger detached. Fig. 5 is a view similar to Fig. 2, illustrating a modified construction.

The device comprises, essentially, a head having an annular truing-face to which the inner face of the cover-flange is to be conformed, and a presser-finger for engaging the outer face of said flange and adapted in the rotation of the head to press said flange into contact with said truing-face.

As shown in Figs. 1 and 2 of the drawings, A is a head, preferably in the form of a ring and having an annular truing-face B. C represents lugs projecting from the ring, forming guides for centering it in relation to the cover. D and E are lugs projecting from the opposite side of the ring and forming a handhold for turning the ring in relation to the cover. It is obvious, however, that the cover may be turned in place of the ring.

F is a presser-finger secured to the lug D, and, as shown in Figs. 1, 2, and 4, comprising a securing-shank *a* and a flange *b*. The shank *a* is adjustably secured to the lug, preferably by a screw-bolt G, which engages with a slotted bearing in the shank and is adapted to clamp the same to the lug. The flange *b* is turned to overhang the annular face B and is substantially parallel thereto in cross-section, but in longitudinal section is preferably tangentially arranged in relation to

said annular face to form a wedge-shaped space between.

The device being constructed as described, in the operation of truing a cover the flange thereof is first inserted in the wedge-shaped space between the face B and the finger F. The ring is then turned in relation to the cover and in a direction to cause the flange H of the cover to travel toward the wider opening between the flange *b* and face B, the finger having been previously set, so that the shortest distance between the flange and face B is just the thickness of the flange H. It is obvious that any irregularities in said flange will be pressed out, so that upon the completion of the revolution it will conform perfectly to the face B.

In Fig. 5 a modification is shown in which the finger is provided with a roll I, adapted to roll the cover-flange into contact with the annular face, the parts being otherwise the same as in the construction previously described.

We do not wish to limit ourselves to the particular construction shown, as it is obvious that any device for truing fruit-jar covers by means of a lip or roller may be deemed to be within the spirit of our invention.

What we claim as our invention is—

1. A truing device for jar-cover flanges, comprising a ring A having the truing-face B, the guide-lugs C projecting from one side of said ring, the lugs D and E projecting from the opposite side thereof, and the finger F adjustably secured to the lug D and overhanging the face B for the purpose described.

2. As a new article of manufacture, a truing device for jar-cover flanges, comprising a ring A, having the truing-face B, the guide-lugs C projecting from one side of said ring, a handhold projecting from the opposite side thereof and the finger F secured to a lug or projection formed integral with the ring and overhanging the face B for the purpose described.

3. A truing device for jar-cover flanges, comprising a ring A, having a truing-face B, the guide-lugs C, projecting from one side of said ring, a handhold projecting from the opposite side thereof, and a presser-finger secured to a lug or projection formed on said ring for the purpose described.

4. A truing device for jar-cover flanges, comprising a ring having an annular truing-face, guide-lugs projecting from one side of said ring, lugs projecting from the opposite side of said ring, a presser-finger consisting of a shank adjustably secured to one of said lugs and a flange overhanging said truing-face forming a wedge-shaped space therebetween for the purpose described.
- 10 5. A truing device for jar-cover flanges, comprising a ring having an annular truing-face, guide-lugs projecting from one side of said ring, a lug or projection projecting from the opposite side thereof and a presser-finger adjustable toward or from said face secured to said projection and adapted to engage with the outer face of the cover-flange and in the rotation of the parts to press said flange into conformity to said annular face.
- 15 In testimony whereof we affix our signatures in presence of two witnesses.
- JAMES C. HEADMAN.  
WILLIAM E. CURTIS.
- Witnesses:  
OTTO F. BARTHEL,  
J. A. NOELKE.
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