

No. 740,869.

PATENTED OCT. 6, 1903.

H. P. JONES.  
INDEX.

APPLICATION FILED AUG. 25, 1902.

NO MODEL.

Fig. 1.

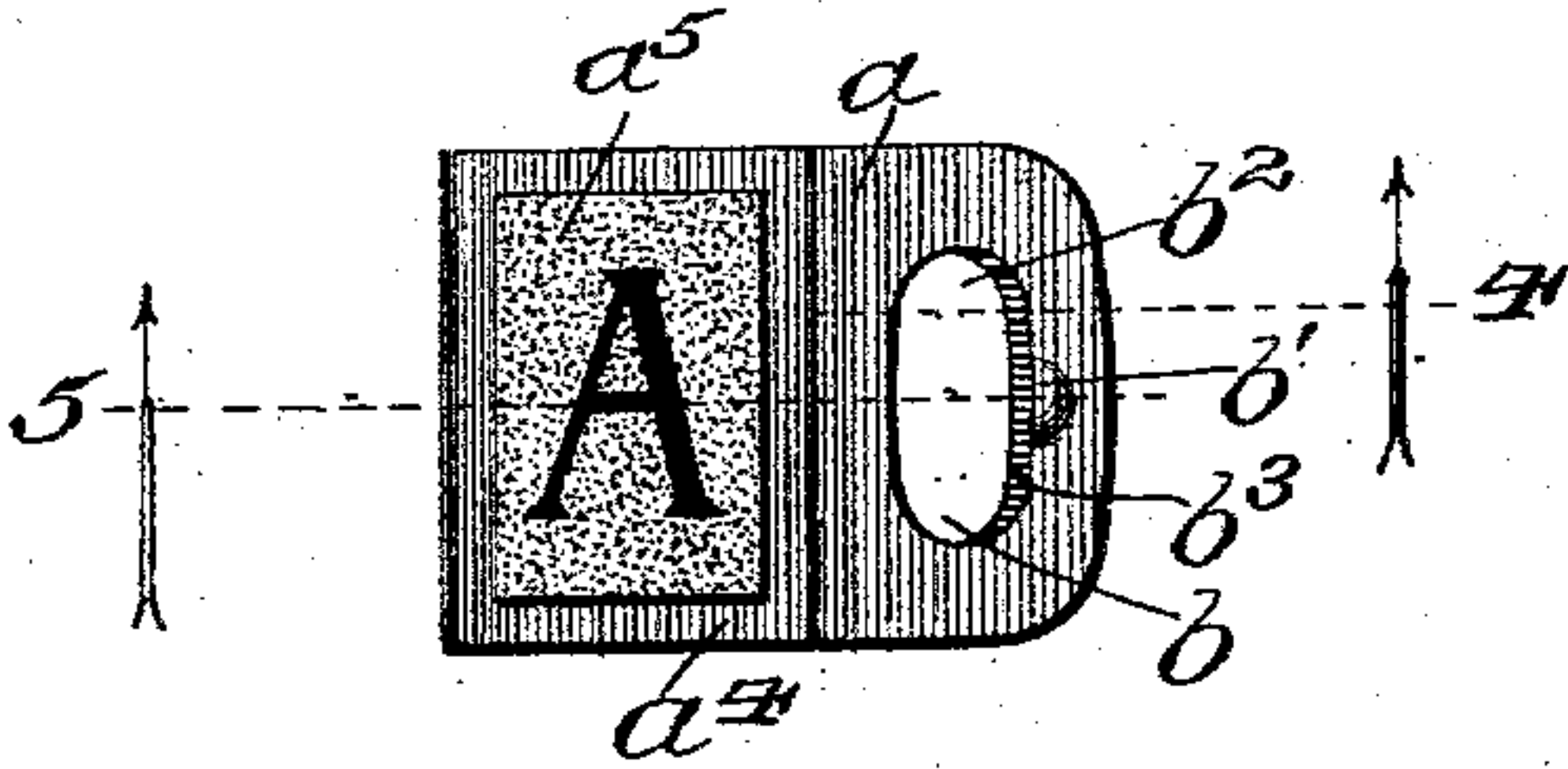


Fig. 6.

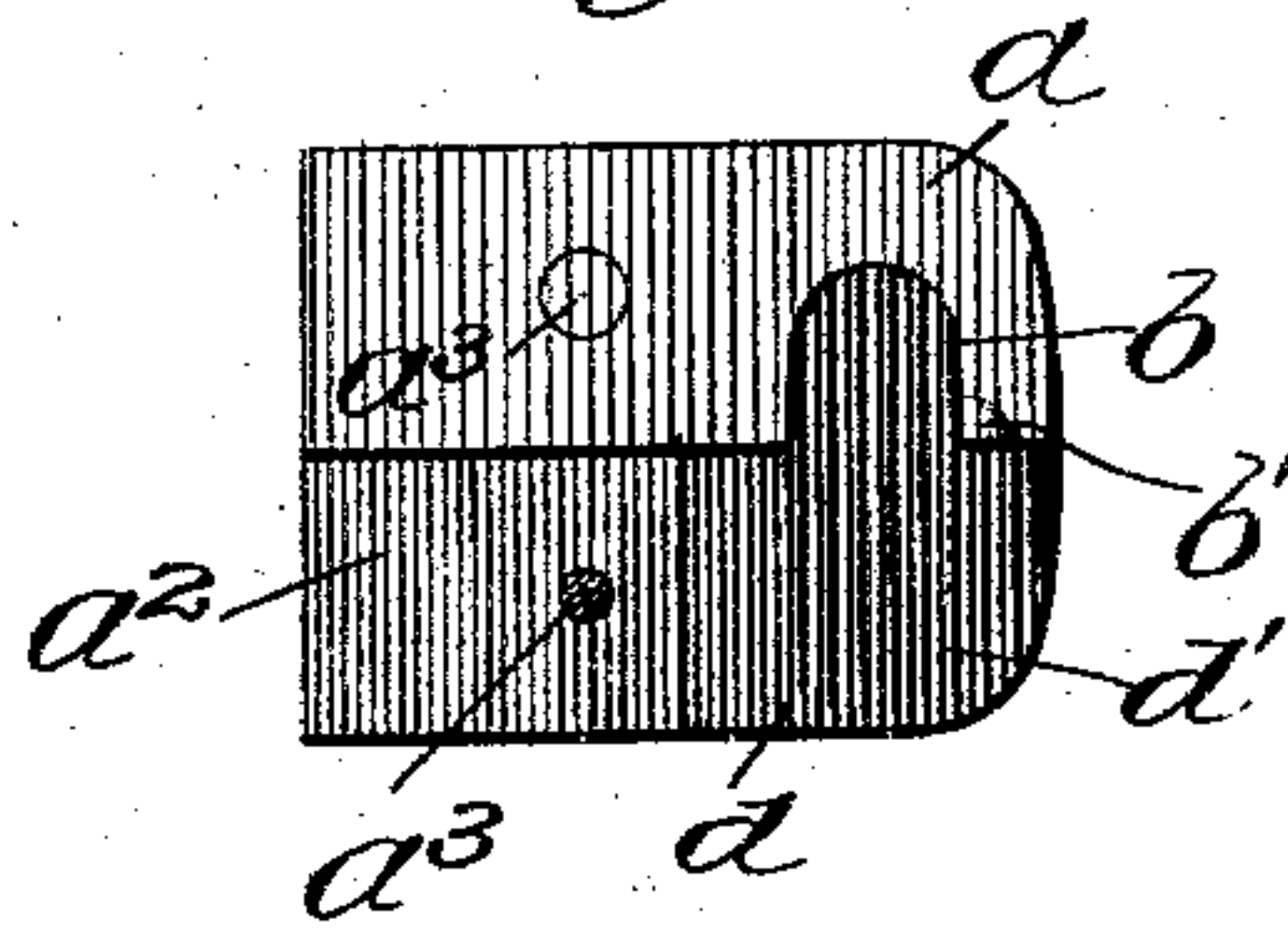


Fig. 2.

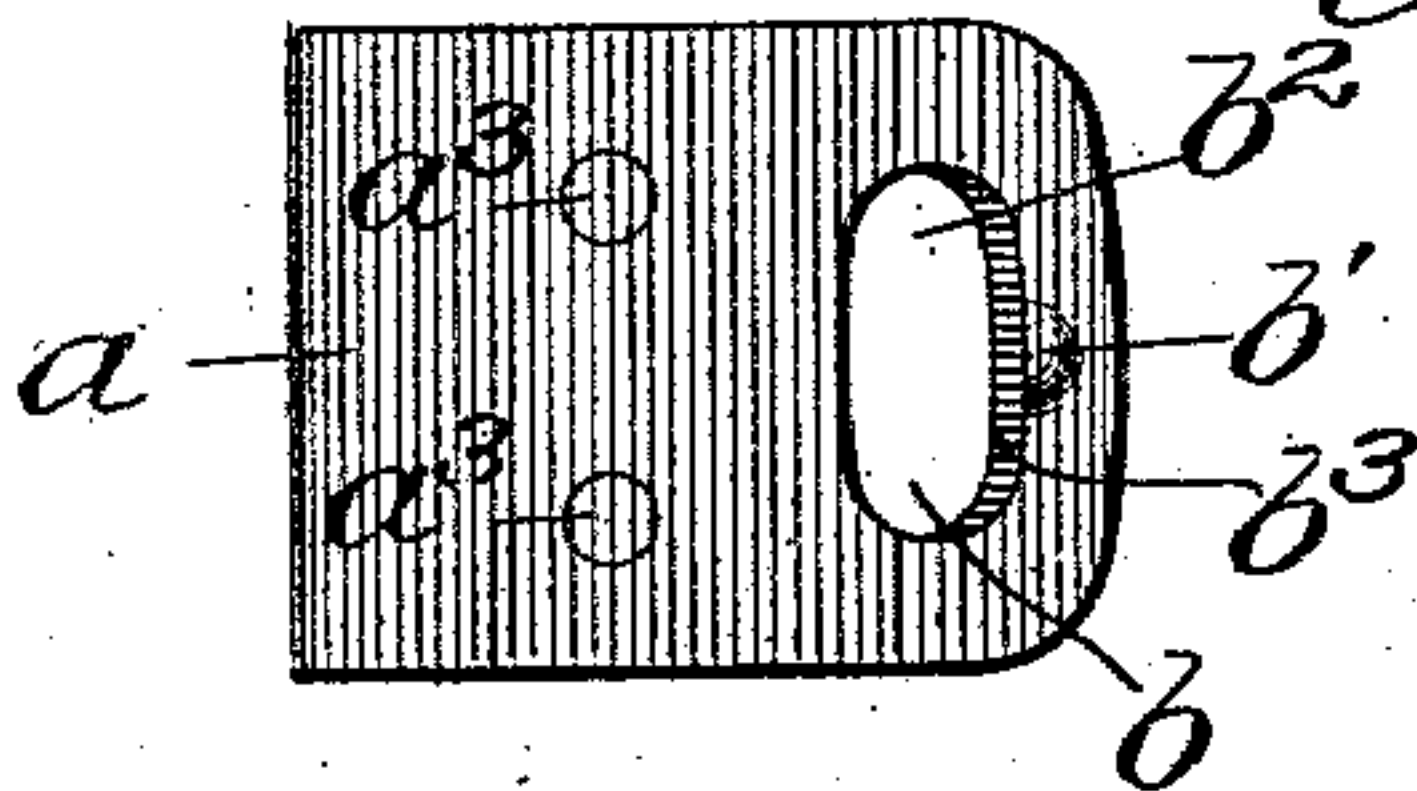


Fig. 3.

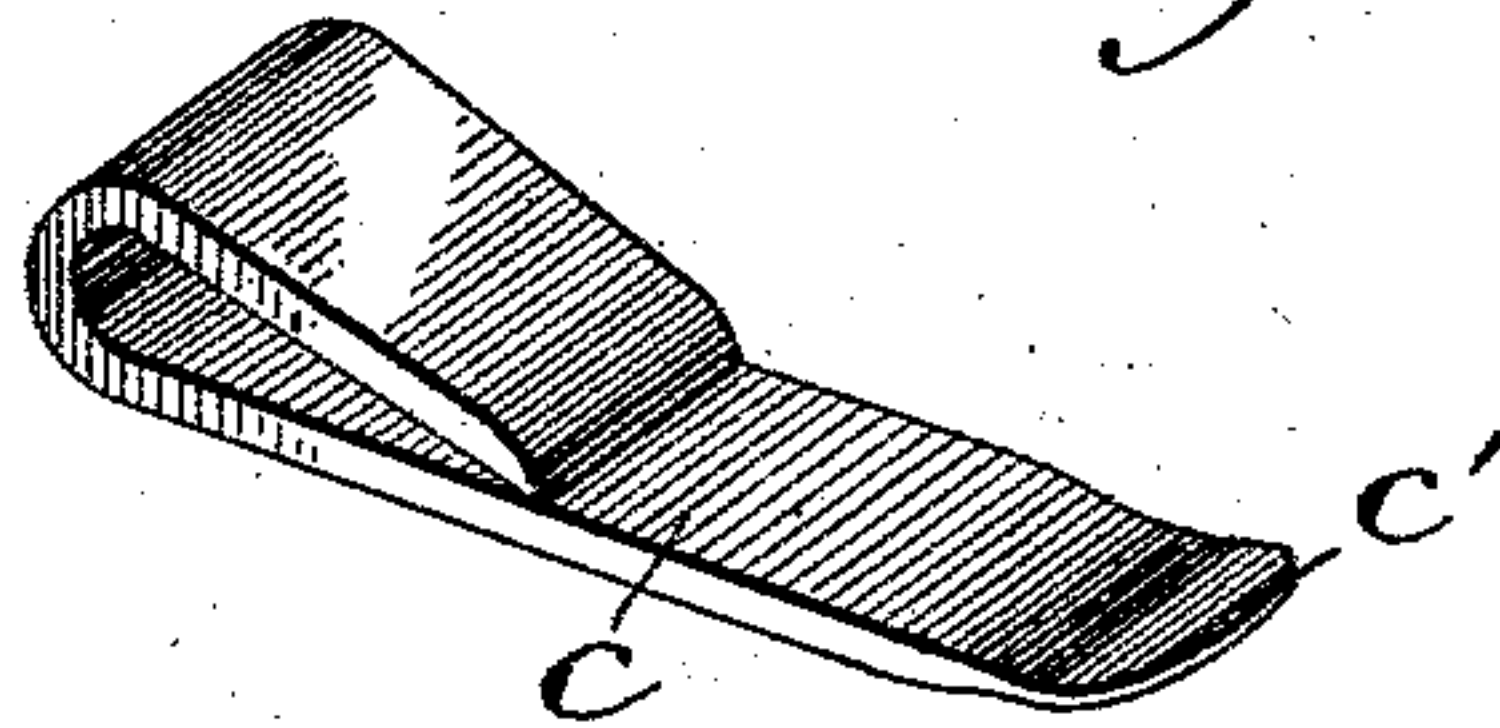


Fig. 4.

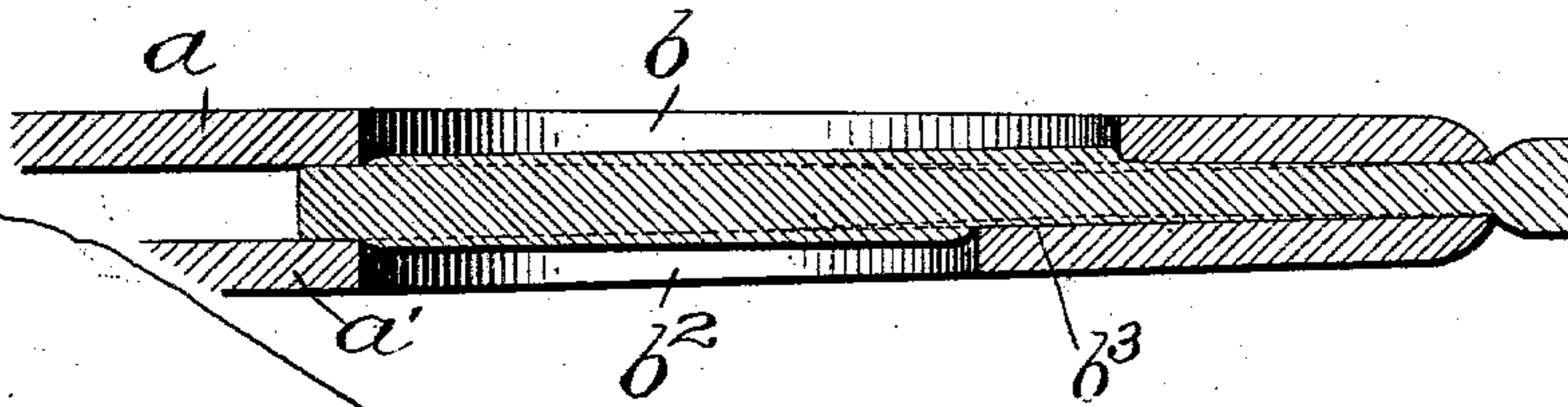
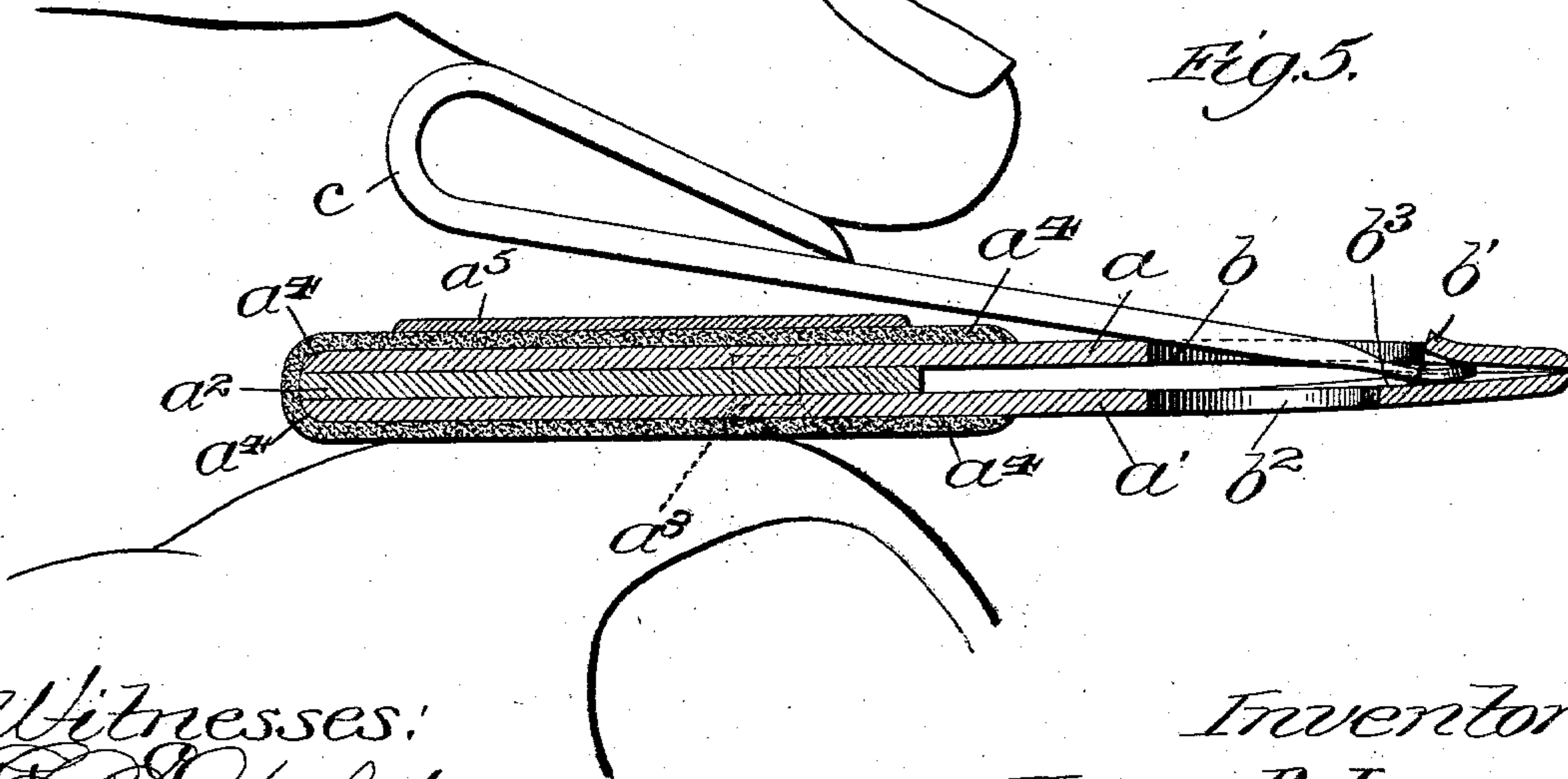


Fig. 5.



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# UNITED STATES PATENT OFFICE.

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## INDEX.

SPECIFICATION forming part of Letters Patent No. 740,869, dated October 6, 1903.

Application filed August 25, 1902. Serial No. 120,881. (No model.)

*To all whom it may concern:*

Be it known that I, HARVEY P. JONES, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Indexes, of which the following is a specification.

My invention relates particularly to adjustable and detachable index-tags applied to leaves of books, ledgers, &c.; and my primary object is to provide an improved tag of this character capable of being readily applied to or removed from any portion of the edge of a leaf and having improved gripping qualities.

My invention is illustrated in the accompanying drawings, in which—

Figure 1 represents a plan view of my improved index-tag; Fig. 2, a similar view of the bare spring employed; Fig. 3, a perspective view of a key employed in connection with the tag; Fig. 4, a broken sectional view, exaggerated, illustrating the manner in which the tag takes hold of the paper; Fig. 5, a section taken as indicated at line 5 of Fig. 1 and illustrating the manner in which the key may be employed to open the jaws of the tag; and Fig. 6, a view, partly in plan and partly in section, of a modified form of the device.

In the preferred construction the tag comprises two bowed spring-metal plates or leaves  $a$   $a'$  of similar shape, an interposed spacing-strip  $a^2$ , separating the outer ends of said plates, rivets  $a^3$ , connecting the parts, as indicated, a leather binding  $a^4$ , folded about the rear end of the device and cemented to the outer surfaces of said plates, and a paper strip  $a^5$ , applied to the binding at one side of the tag. The upper plate is provided adjacent to its gripping edge with a transversely-elongated opening  $b$  and in the form shown in Figs. 1 to 5, inclusive, has the metal stamped up very slightly at a point  $b'$  at the front edge of said perforation. The lower plate has a perforation  $b^2$ , which is of somewhat smaller size than the perforation  $b$ , whereby a metal surface  $b^3$  is left below the front portion of the opening  $b$  to guide the key during insertion. The key is designated  $c$  and serves to pry the jaws apart to permit the tag to be readily applied to or removed from a leaf. The slightly-struck-up portion  $b'$  affords a beveled surface

on its under side, which allows the key to enter more readily. When secured together properly, the plates bow in opposite directions, being in contact at their gripping edges and separated at their longitudinal edges. This produces a natural slight separation of the plates adjacent to the perforations, which also facilitates the insertion of the key. The key itself has a slightly rounded and up-curved end edge  $c'$ .

It readily will be understood that by inserting the key, as illustrated in Fig. 5, and bearing down with the thumb upon the key while the fingers support the tag or clip the jaws may be separated with ease. When applied to the edge of a leaf, the gripping action is such as is shown exaggeratedly in Fig. 4, the paper being somewhat compressed by the extremities of the jaws and filling in the perforations somewhat back of the points of compression. This gives the tag a good grip upon the paper and overcomes one of the objections to the tags at present in use. It thus appears that the upper perforation serves both to receive a key or prying device and also enhances the gripping qualities of the tag.

In Fig. 6 the construction is as described, except that the lower jaw  $d$  is without a perforation, but has in lieu thereof a roughened upper surface  $d'$  at its gripping portion.

Index-tags heretofore used are objectionable because of the impossibility of applying them except by slipping them on from the top or bottom of the page. This renders them unhandy, and obviously one cannot be slipped past another, so that they cannot be arranged readily in the proper order. Moreover, where the tag has a flexible portion for receiving the index characters they in time become worn out and droop, so that the tags do not stand out properly from the edge of the leaf.

Changes in minor details of construction within the spirit of my invention may be made. Hence no undue limitation should be understood from the foregoing detailed description.

What I claim as new, and desire to secure by Letters Patent, is—

1. An index-tag comprising two spring-jaws bearing means for receiving an index character, one of said jaws having means accessible



at its outer surface for receiving a key for prying the jaws open, for the purpose set forth.

2. An index-tag comprising two spring-jaws bearing means for receiving an index character, one of said jaws having an unobstructed key-receiving perforation near its gripping edge, for the purpose set forth.

3. An index-tag comprising two spring-jaws bearing means for receiving an index character, both said jaws having perforations near their gripping edges, for the purpose set forth.

4. An index-tag comprising two spring-jaws, one of said jaws having an unobstructed key-receiving perforation near its gripping edge and the other having a surface beneath the front portion of said perforation, and means on the rear portion of the tag for re-

ceiving an index character, for the purpose set forth.

5. An index-tag comprising two suitably-joined jaws, one of said jaws having a perforation near its gripping edge and a beveled under surface adjacent to said perforation, for the purpose set forth.

6. An index-tag comprising two separately-formed suitably-connected spring-metal plates, a spacing-strip interposed between the rear portions thereof, and means applied to the surface of one plate for receiving an index character, whereby a non-flexible tag is provided, for the purpose set forth.

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In presence of—

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A. C. KITTLESON.