

(No Model.)

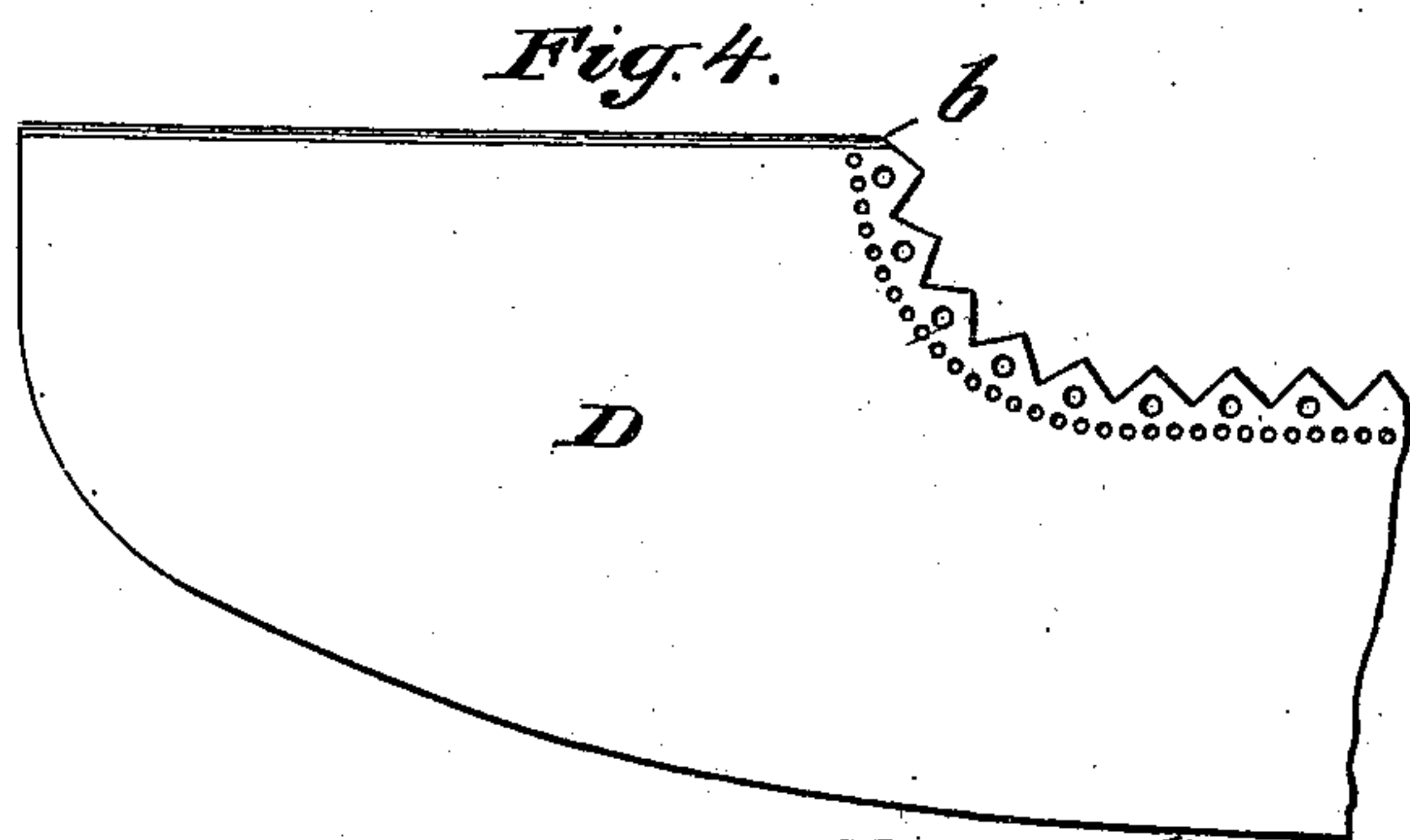
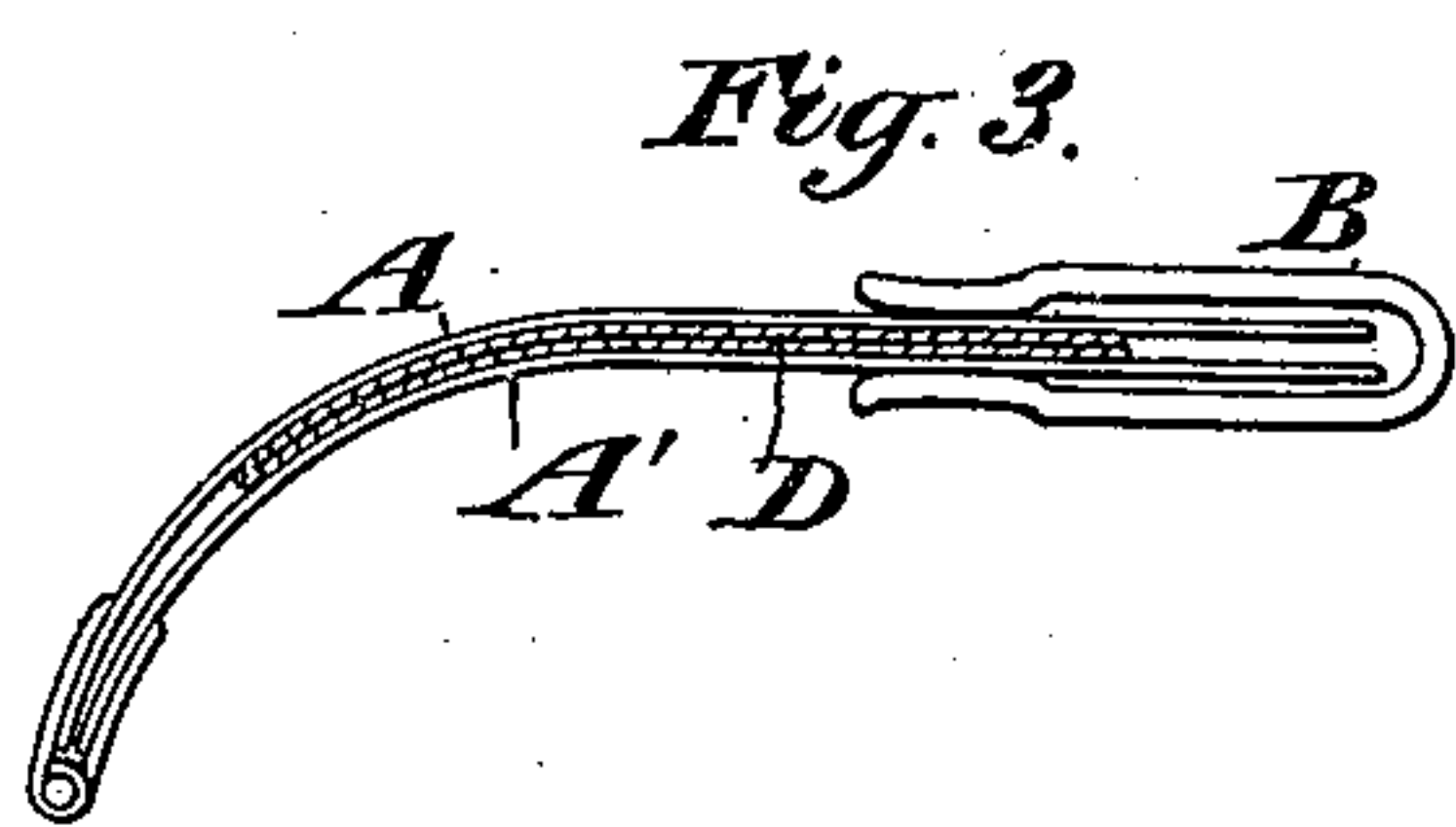
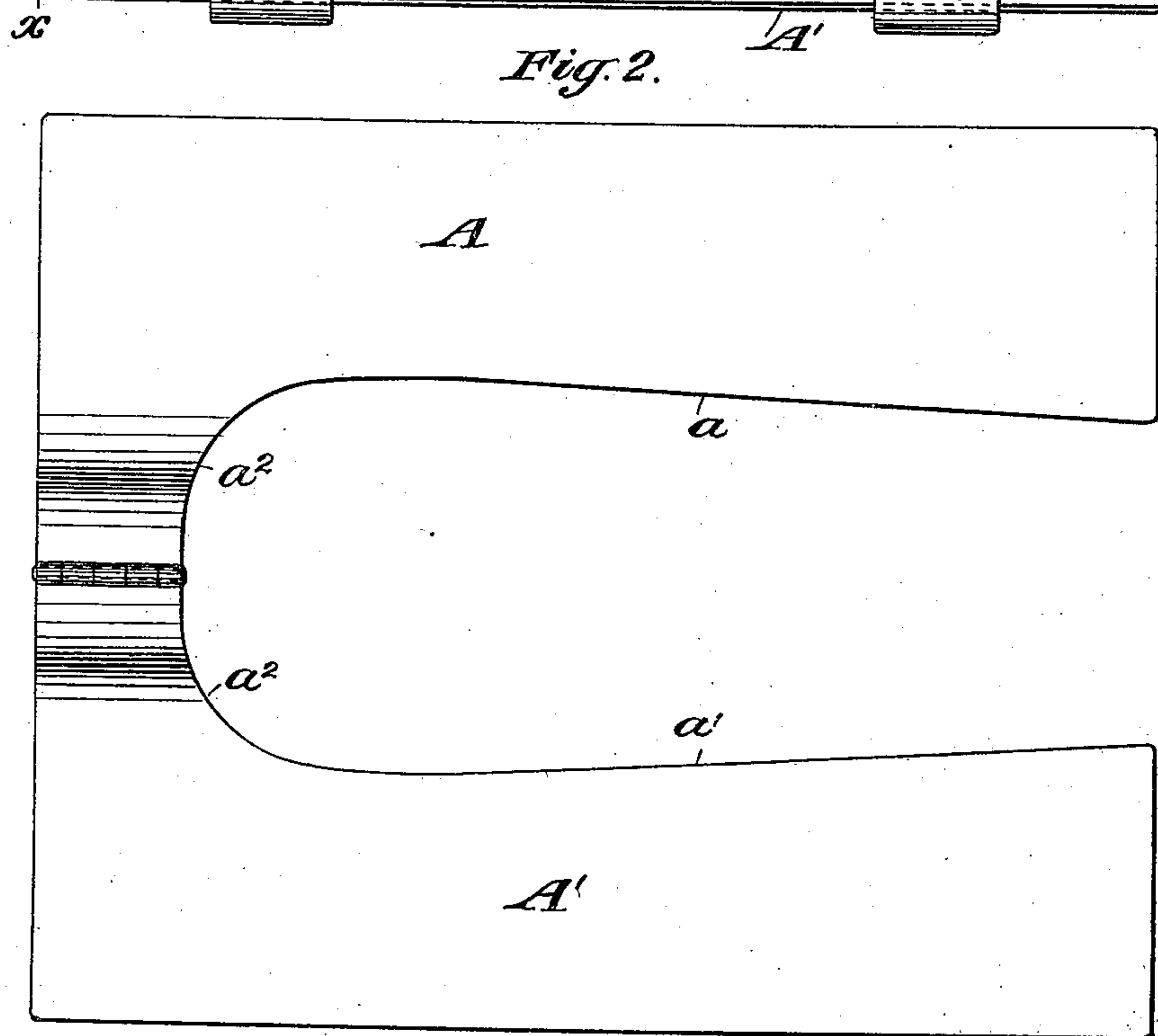
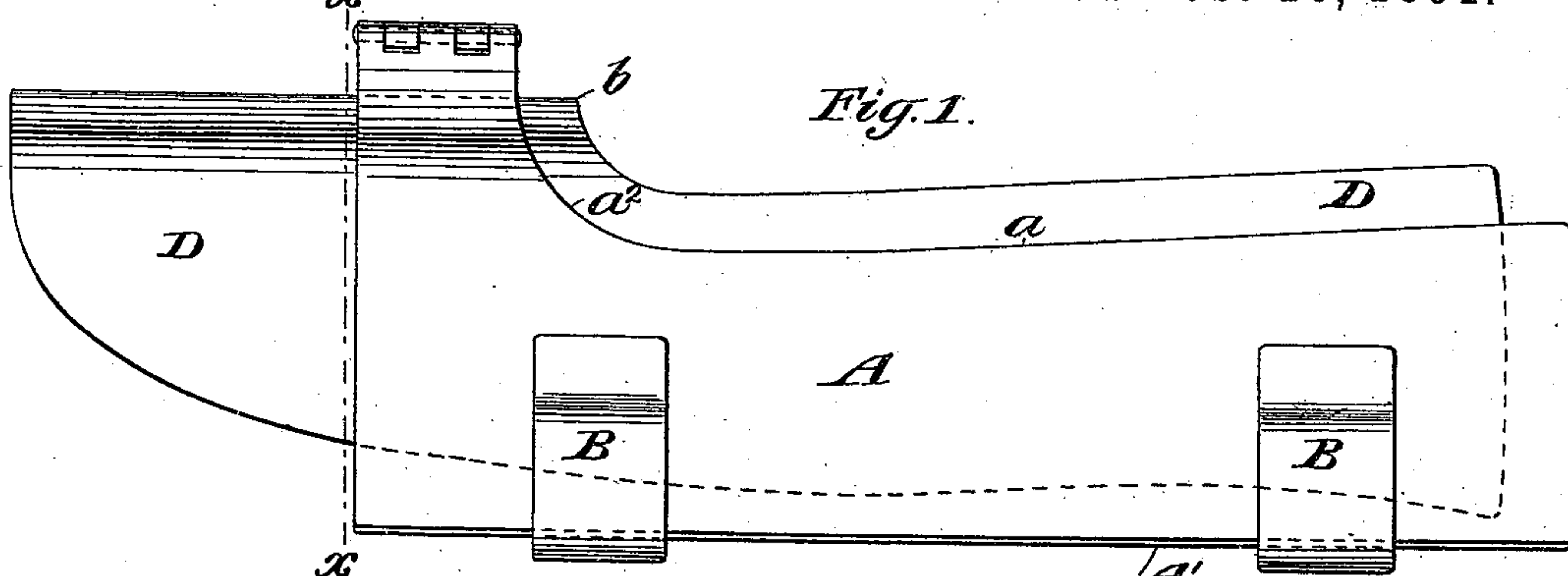
2 Sheets—Sheet 1.

E. B. STIMPSON.

CLAMP FOR HOLDING VAMPS AND QUARTERS FOR SHOES.

No. 446,158.

Patented Feb. 10, 1891.



Witnesses:
O. Lundgren
D. H. Hayward

Inventor:
Edwin B. Stimpson
by his attorneys
Brown & Griswold

(No Model.)

2 Sheets—Sheet 2.

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Fig. 5.

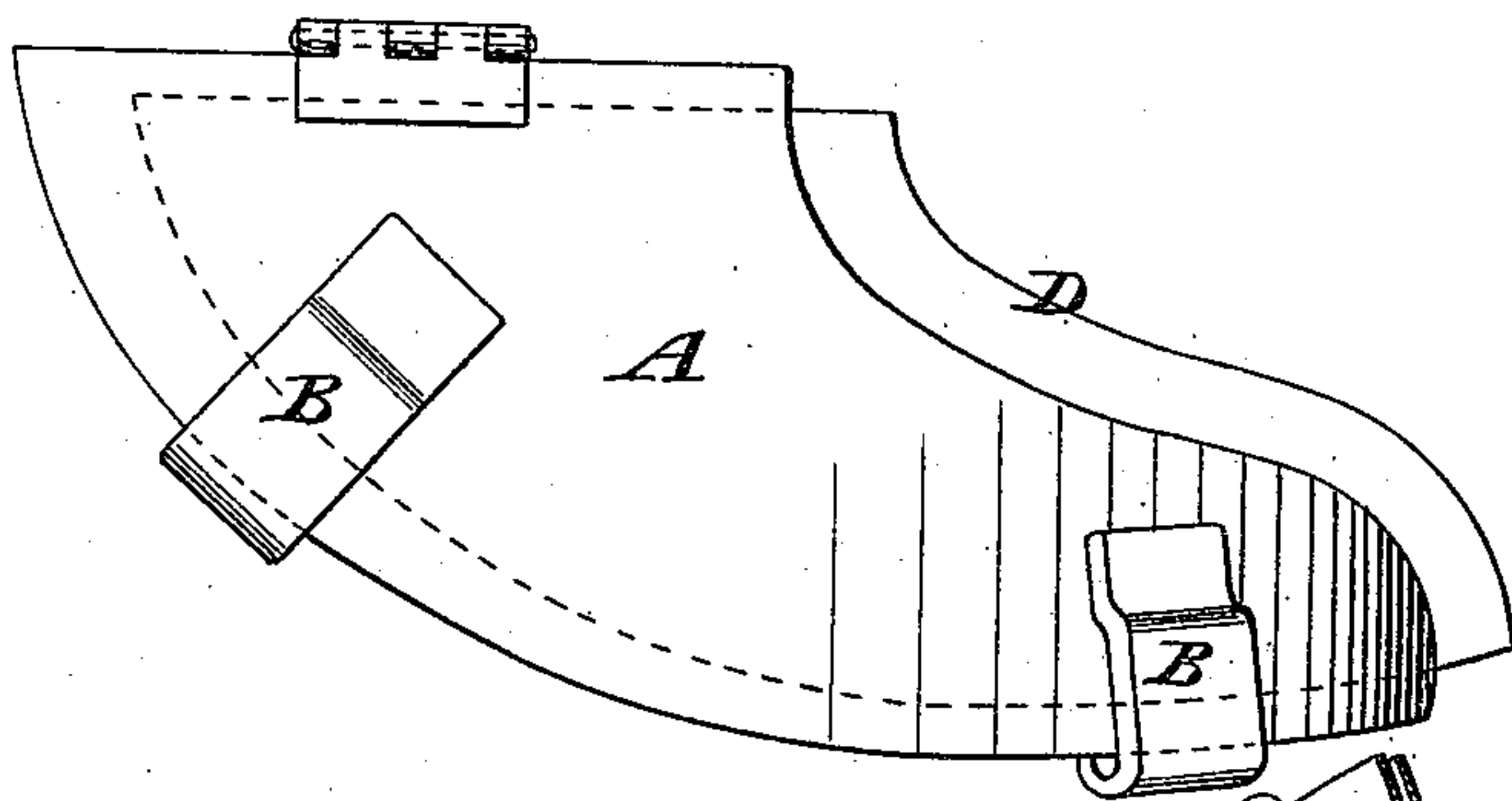


Fig. 6.

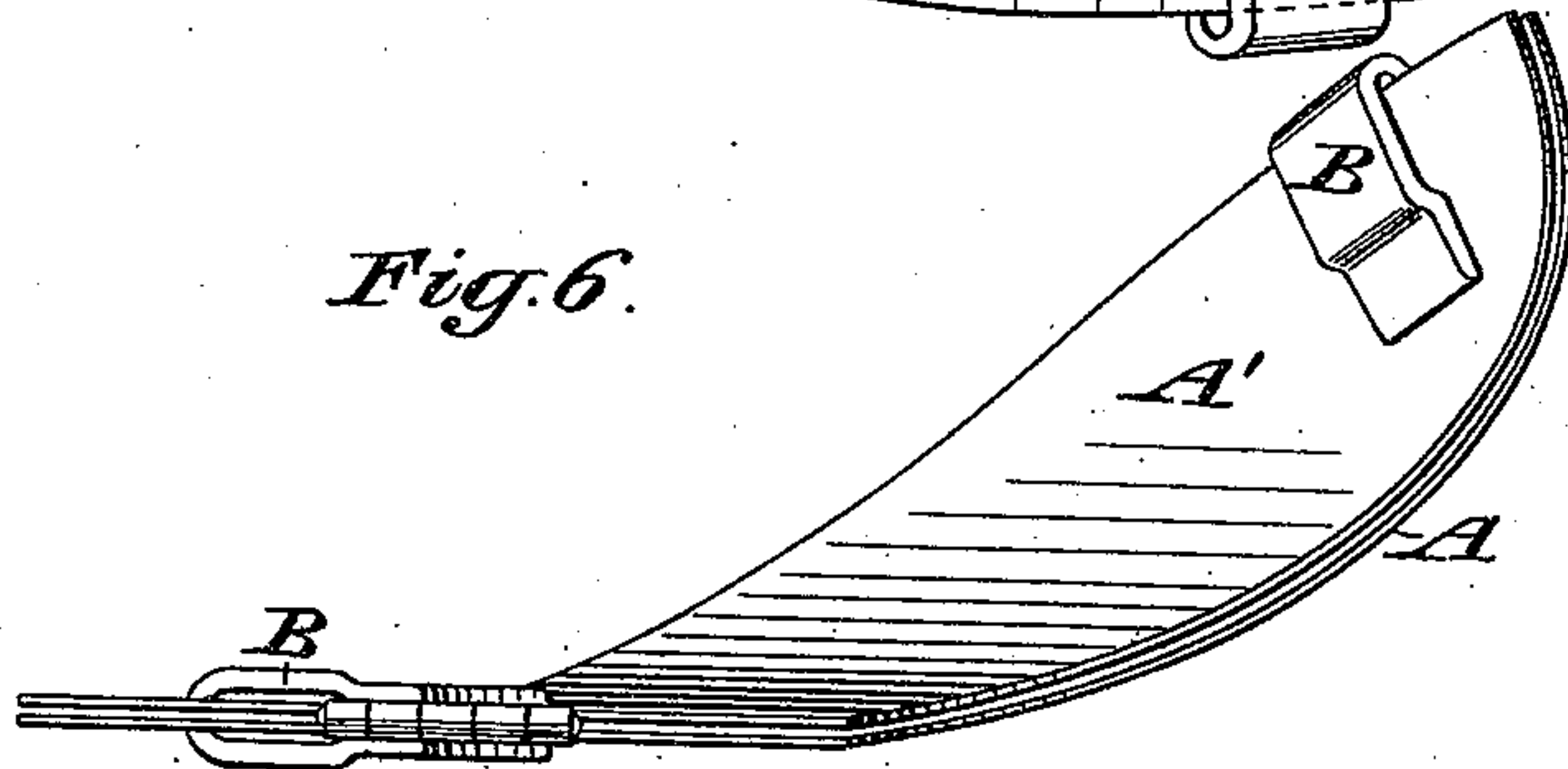
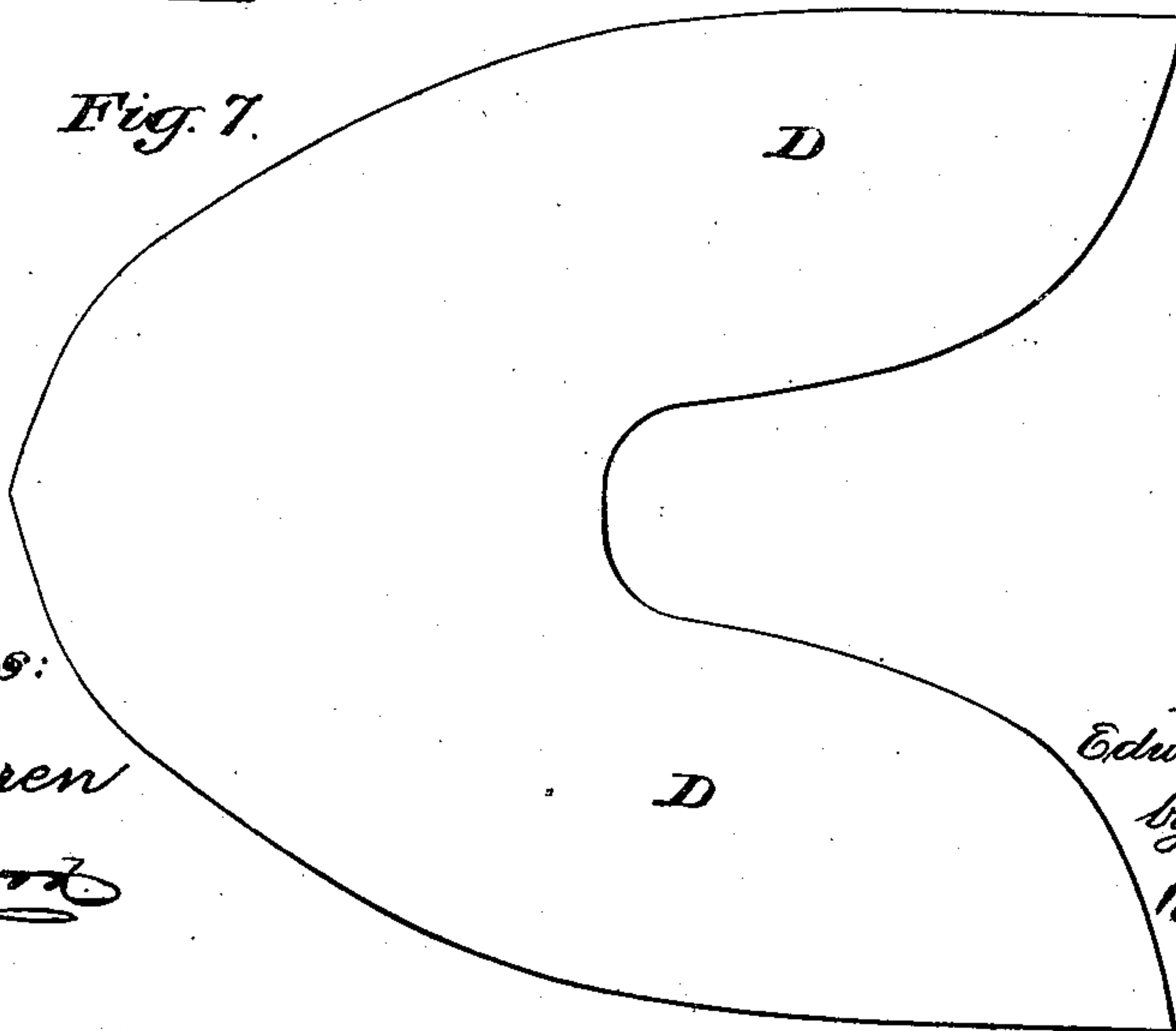


Fig. 7.



Witnesses:
Olundgren
H. H. Hagwood

Inventor:
Edwin B. Stimpson
by his attorneys
Brown & Griswold

UNITED STATES PATENT OFFICE.

EDWIN B. STIMPSON, OF BROOKLYN, NEW YORK.

CLAMP FOR HOLDING VAMPS AND QUARTERS FOR SHOES.

SPECIFICATION forming part of Letters Patent No. 446,158, dated February 10, 1891.

Application filed March 4, 1890. Serial No. 342,542. (No model.)

To all whom it may concern:

Be it known that I, EDWIN B. STIMPSON, of Brooklyn, in the county of Kings and State of New York, have invented a certain new and useful Improvement in Clamps for Holding Vamps and Quarters for Shoes, of which the following is a specification.

Vamps or quarters for shoes are made so that at the inner edges thereof, or at the edges which are secured to the upper of the shoe, they will be scalloped, pinked, or otherwise ornamented. The shape of said inner edges of the vamp or quarter has heretofore rendered it difficult to thus ornament them, for the reason, first, that suitable means have been lacking for properly holding the same while being thus ornamented, and, secondly, because the curves of said edges which occur at that part, particularly of the vamp, which passes over the foot adjacent to the instep, have rendered it well-nigh impossible to so ornament said edges that the points or projections would be equal in size and at equal distances apart. It is the object of my improvement to overcome these difficulties.

I have illustrated a clamp embodying my improvement for holding a vamp, which I will describe in detail, and then point out the novel features in the claim.

In the accompanying drawings, Figure 1 is a face view of a clamp embodying my improvement, showing a vamp arranged therein. Fig. 2 is a plan view of the clamp opened. Fig. 3 is a sectional view taken on the line x x , Fig. 1, showing one end of the clamp and a vamp arranged therein. Fig. 4 is a side view of a portion of a vamp after the same has been ornamented. Fig. 5 is a face view of a modification. Fig. 6 is an edge view of the same. Fig. 7 is a face view of a vamp to be pinked or ornamented by the clamp shown in Figs. 5 and 6.

Similar letters of reference designate corresponding parts in all the figures.

In ornamenting the vamps upon their inner edges they are folded together, the fold being taken lengthwise of the vamp and so that the inner edges of the two portions folded together will be substantially coincident. The vamp thus folded is placed between two jaws $A A'$, constituting members of the clamp. In the example of my improvement shown in

Figs. 1, 2, and 3, in Fig. 2, these jaws are shown as opened out. It will be seen that their inner edges conform substantially to the shape of the inner edges of the vamp D . Said edges comprise substantially straight portions $a a'$ and an intermediate and connecting curved portion a^2 . About midway in the length of the curved portion a^2 the jaws $A A'$ are hinged so that they may be folded down to clamp a vamp between them, as shown more clearly in Figs. 1 and 3. The vamp is so placed between the jaws $A A'$ that its inner edges and the inner edges of the clamp will be at a sufficient distance from each other to admit of the proper ornamentation being formed upon the inner edges of the vamp, but are substantially parallel to each other.

I have shown a convenient means for securing the jaws $A A'$ together and tightly clamping the folded vamp between them, consisting of clips B , which are slipped on over the outer edges of the jaws $A A'$ and operate to cause the vamp to be firmly gripped between the jaws $A A'$. Any other suitable form of securing device than this may, however, be employed.

The portions of the jaws $A A'$ upon which is formed the inner edge portion a^2 is bent or curved into a position illustrated more clearly in Fig. 3. The vamp when secured in the clamp will at its inner curved portion be similarly bent.

Usually the pinking or ornamenting of the vamps is done by means of rotary dies, between which the vamp is passed. The vamp having been properly secured in the clamp is fed by hand between the rotating dies, preferably commencing the operation at the point marked b in Figs. 1 and 4. During its passage between the dies it is turned so as to properly pink or ornament it upon its inner edges. The curved or bent portion of the clamp causes the adjacent portion of the vamp to be fed downwardly beyond the dies, so that in turning the clamp the latter will not be brought into contact with the dies. As the edges of the vamp corresponding to the edges $a a' a^2$ of the clamp are held firmly in parallel and coincident relation to each other, the pinking or other ornamentation formed upon both halves of the folded vamp must be alike, and the distances between all

of the points or projections of the ornamentation must be the same. This is shown more clearly in Fig. 4, which shows a portion of a folded vamp after being pinked or ornamented.

The example of my improvement shown in Figs. 5 and 6 is like that shown in Figs. 1, 2, and 3, except that its shape is somewhat different. The portion of the jaws A A' adjacent to their hinge connection is not bent, but the main or body portion is, as shown more clearly in Fig. 6. By this construction a vamp of a shape shown in Fig. 7 may be pinked or ornamented.

Although I have shown the jaws A A' as hinged together, they need not necessarily be so; but the portions of the jaws where said

hinge is now shown might be secured together by means of a clip similar to the clips B.

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

A clamp for shoe vamps and quarters, consisting of two jaws hinged together and having their inner edges of the same conformation and arranged to rest parallel with and in proximity to each other, the said inner edges forming a guide for the purposes of pinking and ornamenting, and a securing device for holding the jaws together, substantially as set forth.

EDWIN B. STIMPSON.

Witnesses:

FREDK. HAYNES,
D. H. HAYWOOD.