

(No Model.)

W. MERRITT.

LAST.

No. 270,240.

Patented Jan. 9, 1883.

Fig. 1.

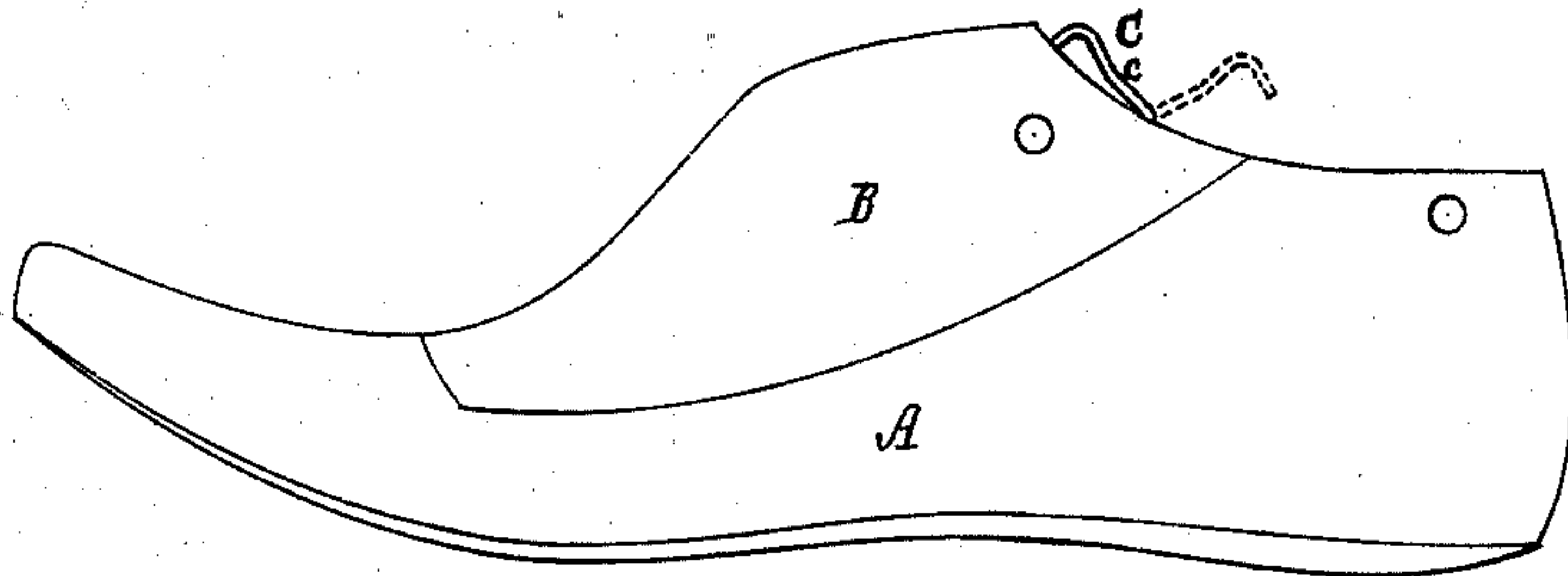


Fig. 3.

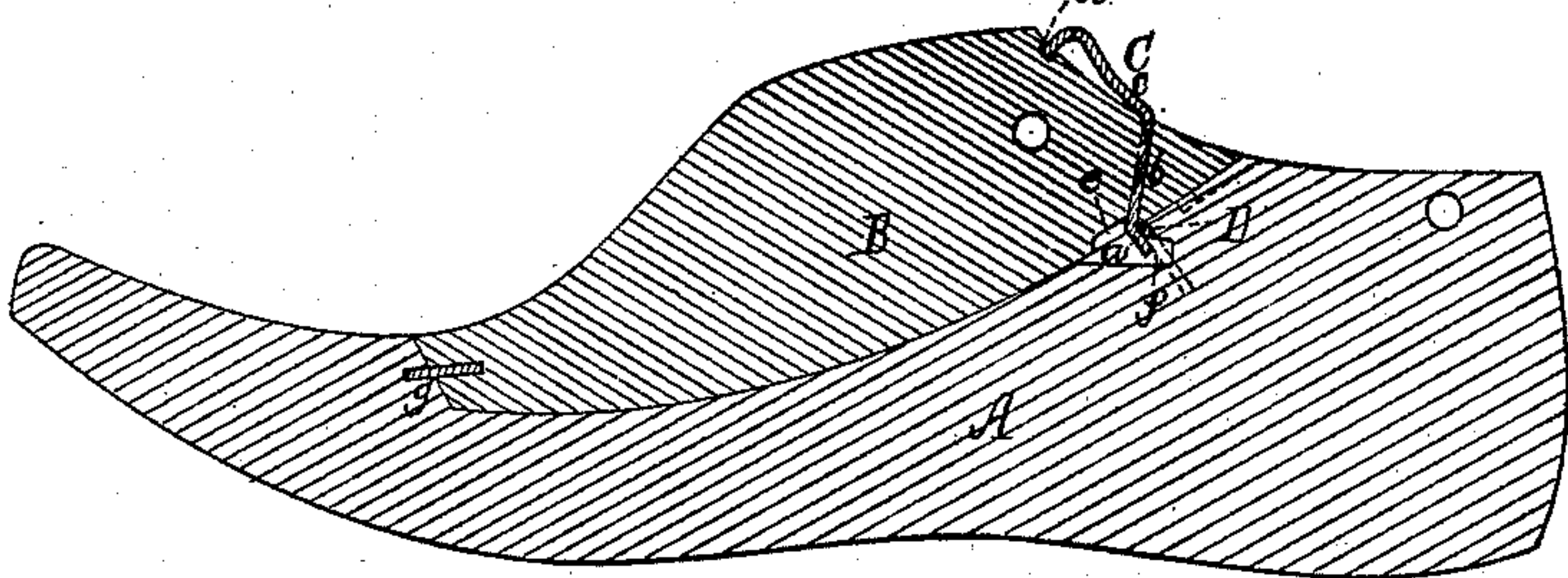


Fig. 2.

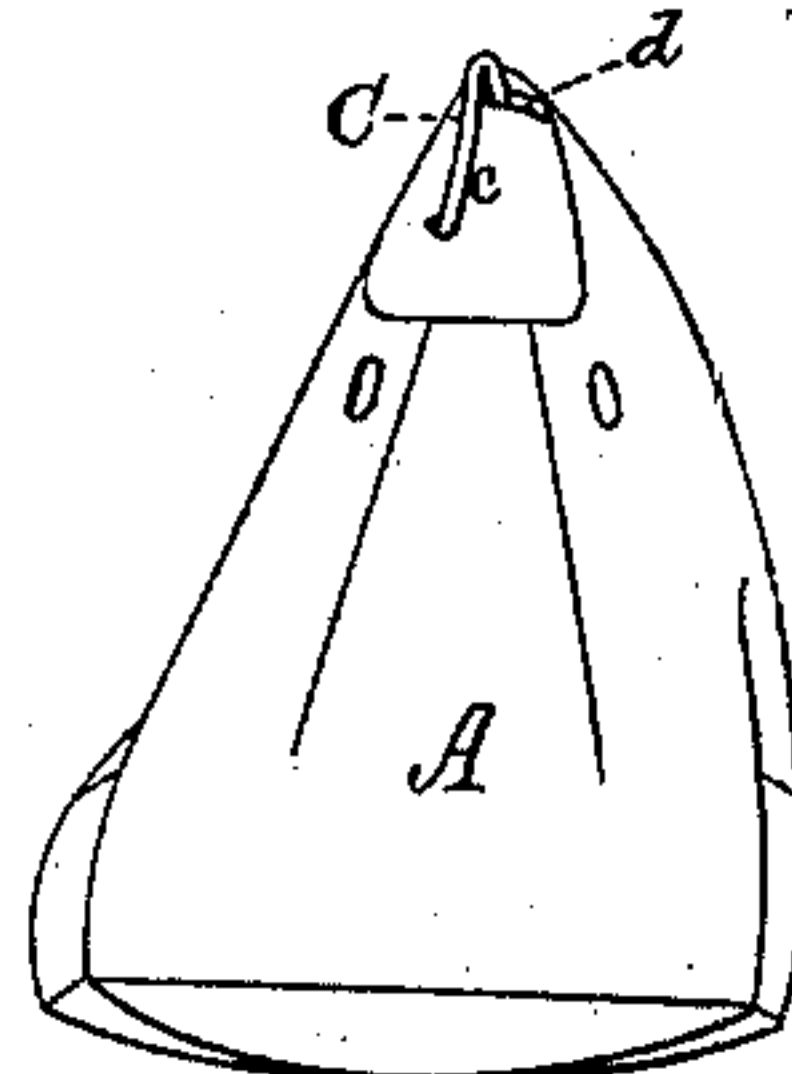


Fig. 4.

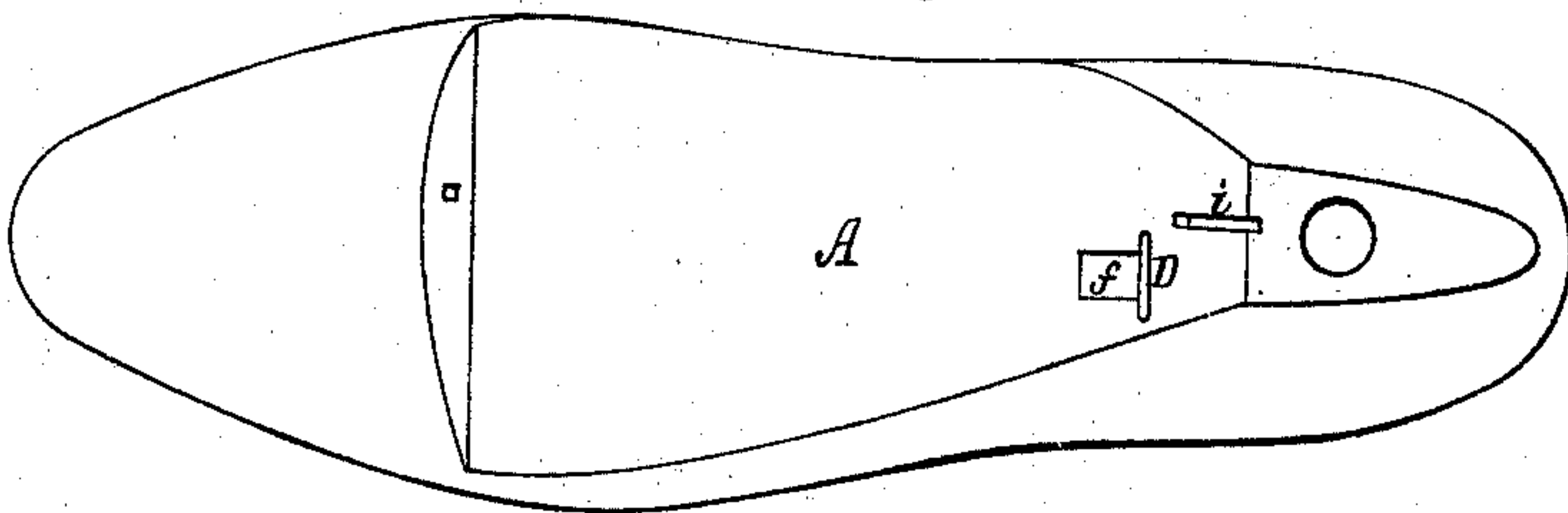


Fig. 5.

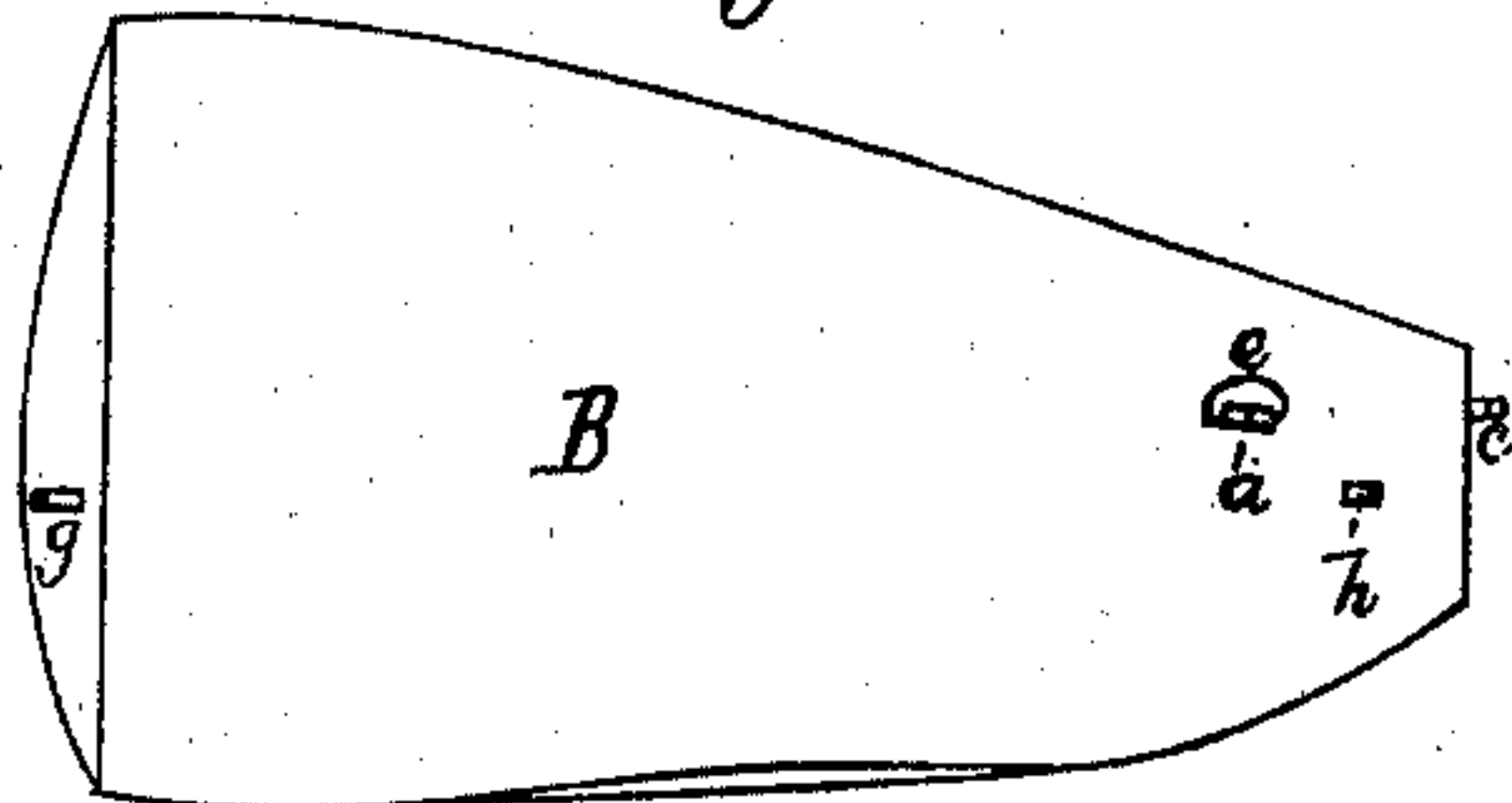


Fig. 6.

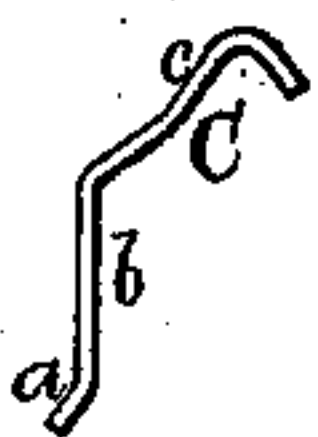


Fig. 7.



Witnesses.

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UNITED STATES PATENT OFFICE.

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LAST.

SPECIFICATION forming part of Letters Patent No. 270,240, dated January 9, 1883.

Application filed November 7, 1882. (No model.)

To all whom it may concern:

Be it known that I, WASHINGTON MERRITT, of Weymouth, in the county of Norfolk, of the State of Massachusetts, have invented a new and useful Improvement in Shoe-Lasts; and I do hereby declare the same to be described in the following specification, and represented in the accompanying drawings, of which—

Figure 1 is a side elevation, Fig. 2 an end view, and Fig. 3 a longitudinal section, of a last provided with my invention. Fig. 4 is a top view of the last-body without the removable instep portion. Fig. 5 is a bottom view of such instep portion.

My improvement is to effect the fastening of the instep portion to the last-body, and the nature of the invention is duly set forth in the claim hereinafter presented.

Fig. 6 is a side view of the rotary latch, and Fig. 7 is a side view of the catch-staple.

In the said drawings, A denotes the body of the last, and B its removable instep portion.

A piece of round iron, bent in manner as shown in Fig. 6, I term the "rotary latch," it being represented in other of the drawings at C as having its portion *b* arranged obliquely within the instep portion B, and extending from the heel to the sole part thereof. It turns freely in such instep portion, which has made within it two notches or recesses, *d* and *e*, one of which, *e*, is in the bottom or sole, and the other, *d*, in the heel of the instep portion, as represented. The part *a* of the latch is bent at an obtuse angle to the middle part, *b*, while the part *c* is also bent at an obtuse angle to such part *b*, and is in the form of a hook, as shown. On turning the part *b* around, so as to bring the part *a* wholly within the recess *e* in the bottom of the instep portion, the part *c* will stand in manner as shown by dotted lines in Fig. 1.

To engage with the part *a* there is inserted

within the body of the last a staple, D, and there is formed in the said body, and to extend under and somewhat back of the staple, a recess, *f*. When the hooked part *c* of the latch is turned upward, so that its end shall enter the recess *d*, the hook *a* will extend into and catch upon the crown part of the staple, and by so doing will aid in holding the instep portion in place on the body of the last. The said instep portion, at its front end, has, as usual, a stud, *g*, projecting from it to enter a corresponding hole in the last-body. Furthermore, there projects downward from the instep portion, near its rear end, a stud, *h*, to enter a guide-groove, *i*, arranged, as shown, in the upper part of the last-body, such groove being open at its rear end.

The recess *d* is a groove open at its outer end and closed at its inner end, against which the hook *c* brings up when its end is in the groove.

By means of the recesses, staple, and the rotary latch, arranged and applied as described, the instep portion B, when in place in the body A of the last, can be secured thereto by turning the latch so that it shall hook against or upon the staple, and extend into the recess or groove *d*, and as the crown part as well as the legs of the staple are let into the body of the last, the instep portion cannot be easily moved backward out of place so long as the latch and staple are in engagement.

I claim—

The instep and body portions of the last, having the recesses *d* and *e* arranged in them, as set forth, in combination with the staple applied to the body, and the latch to the block, and adapted to operate as set forth.

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Witnesses:

R. H. EDDY,
E. B. PRATT.