

(No Model.)

C. HOULT.
ELASTIC HOSE.

No. 335,704.

Patented Feb. 9, 1886.

Fig. 2.

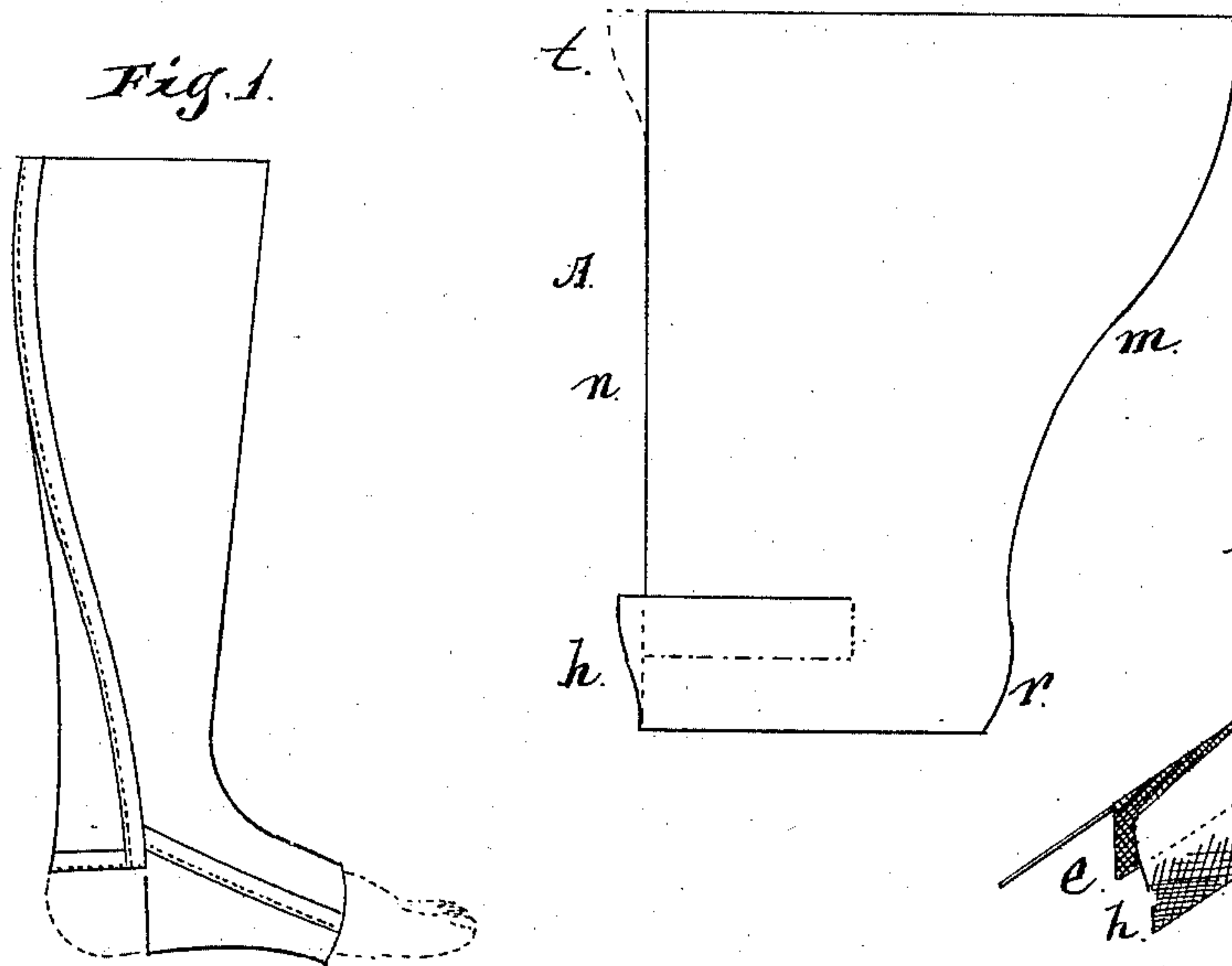


Fig. 5.

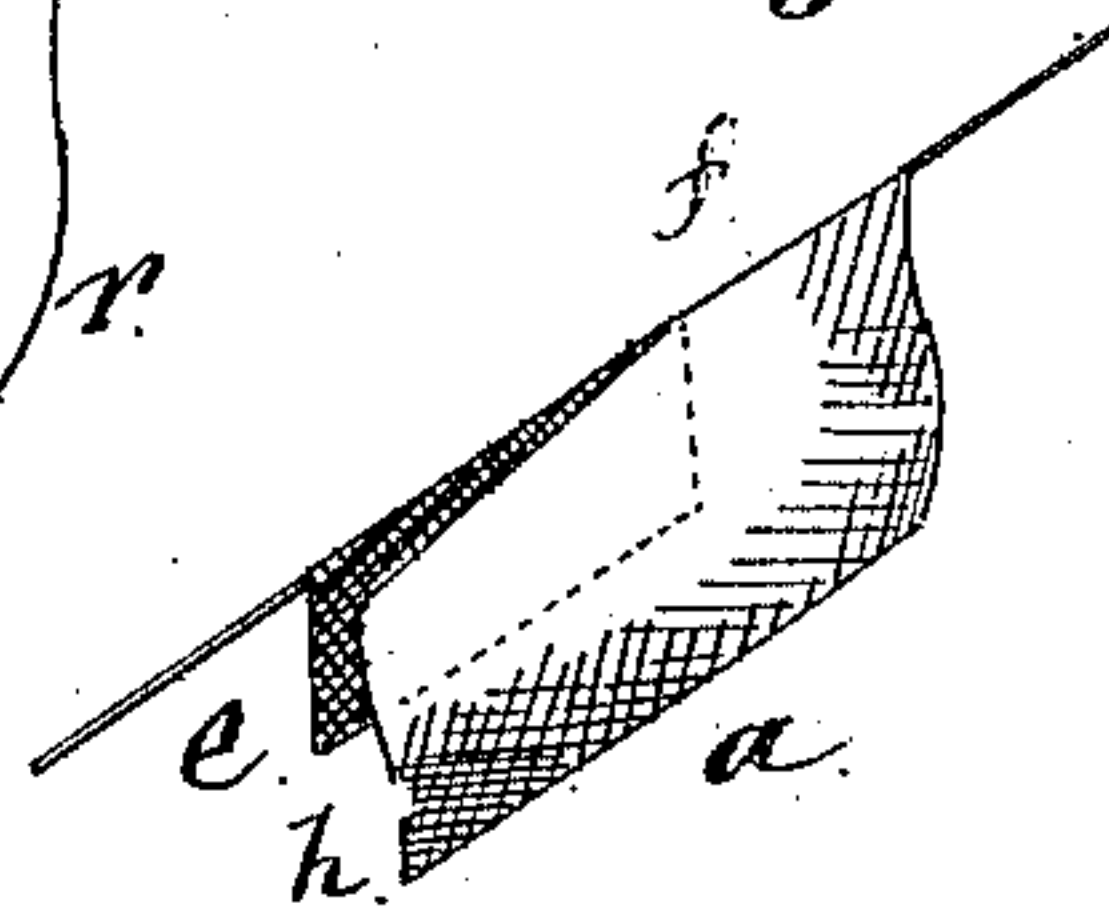


Fig. 4.

Fig. 3.

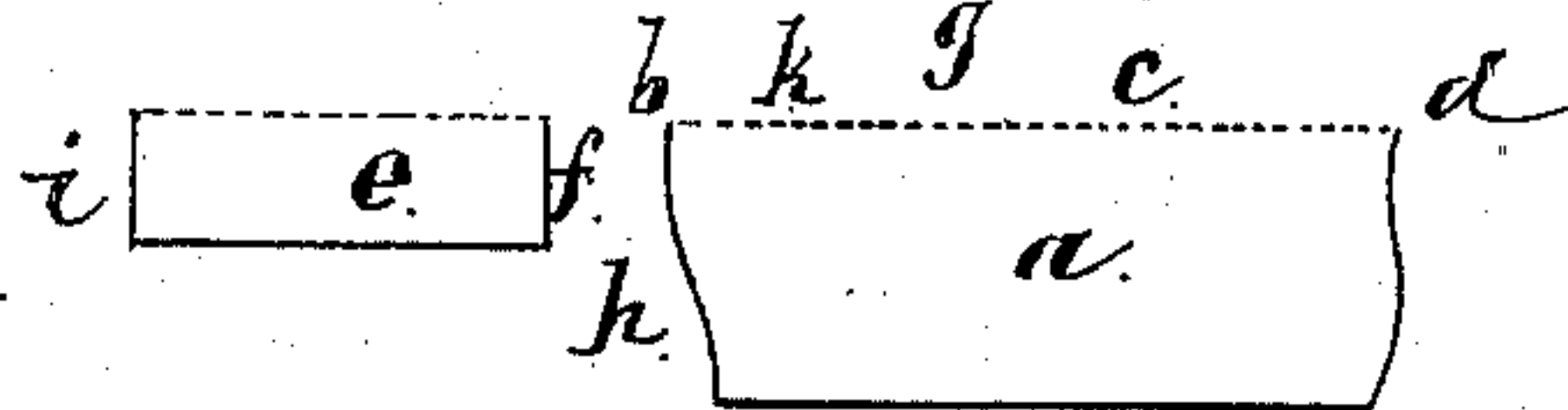


Fig. 6.

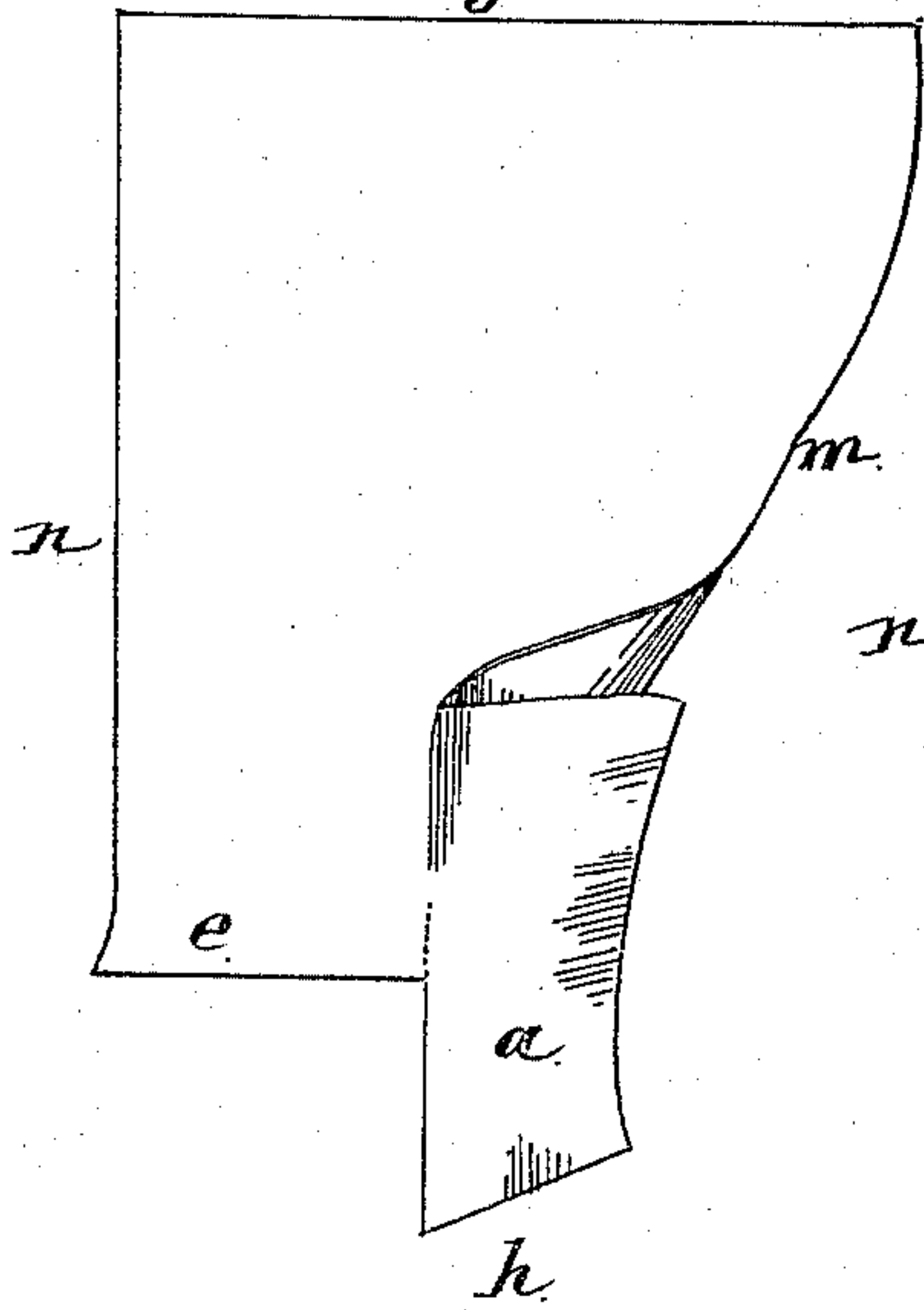


Fig. 7.

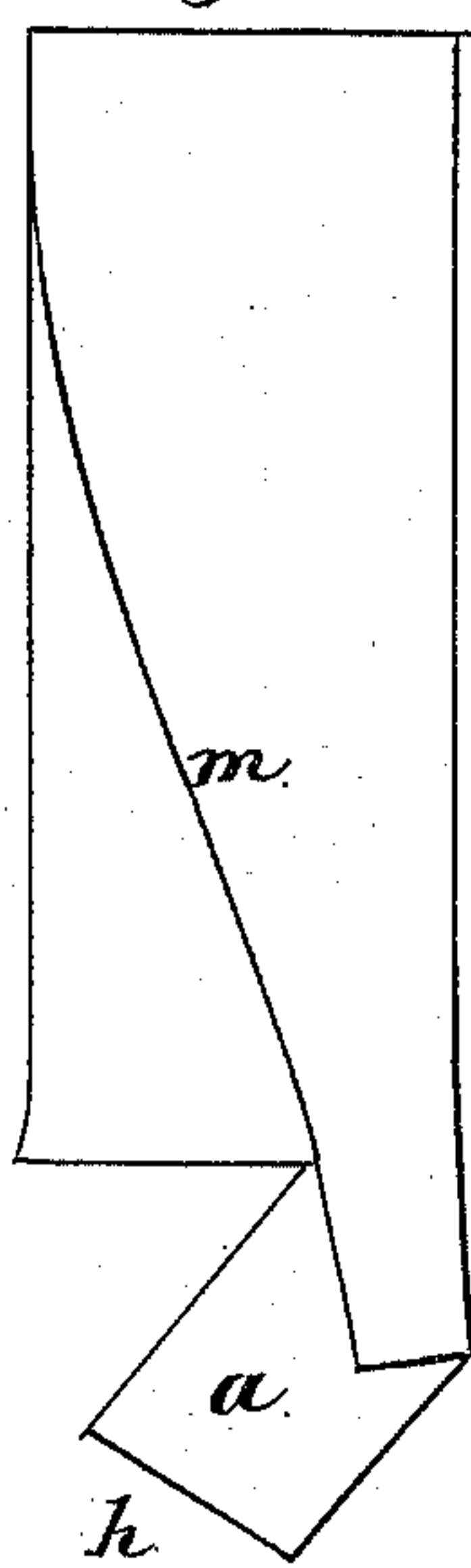


Fig. 8.

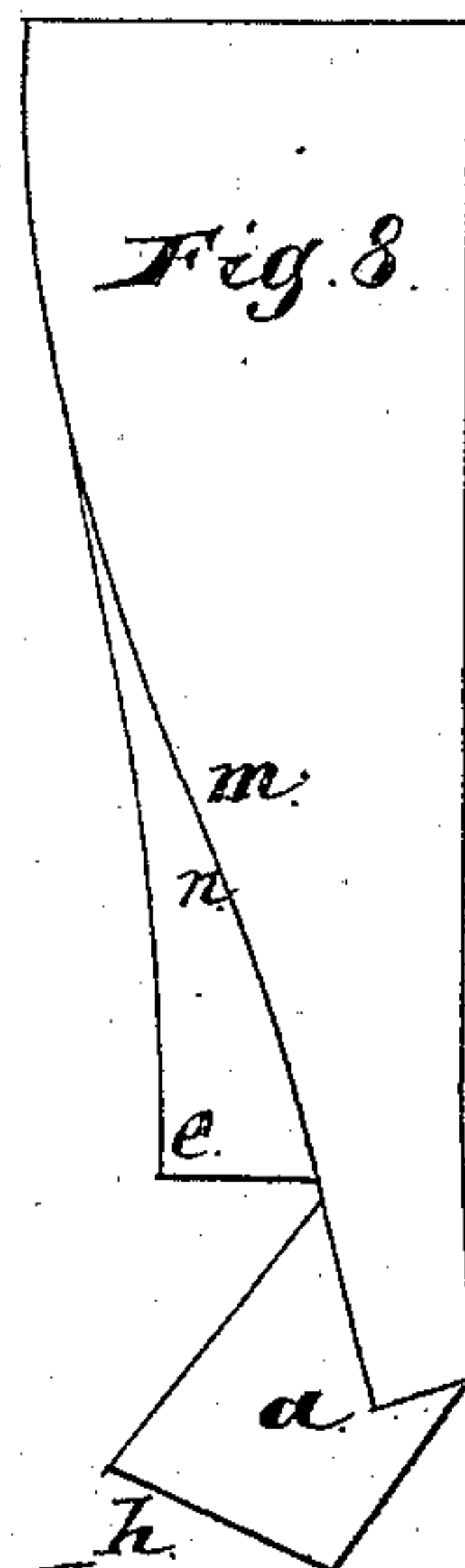
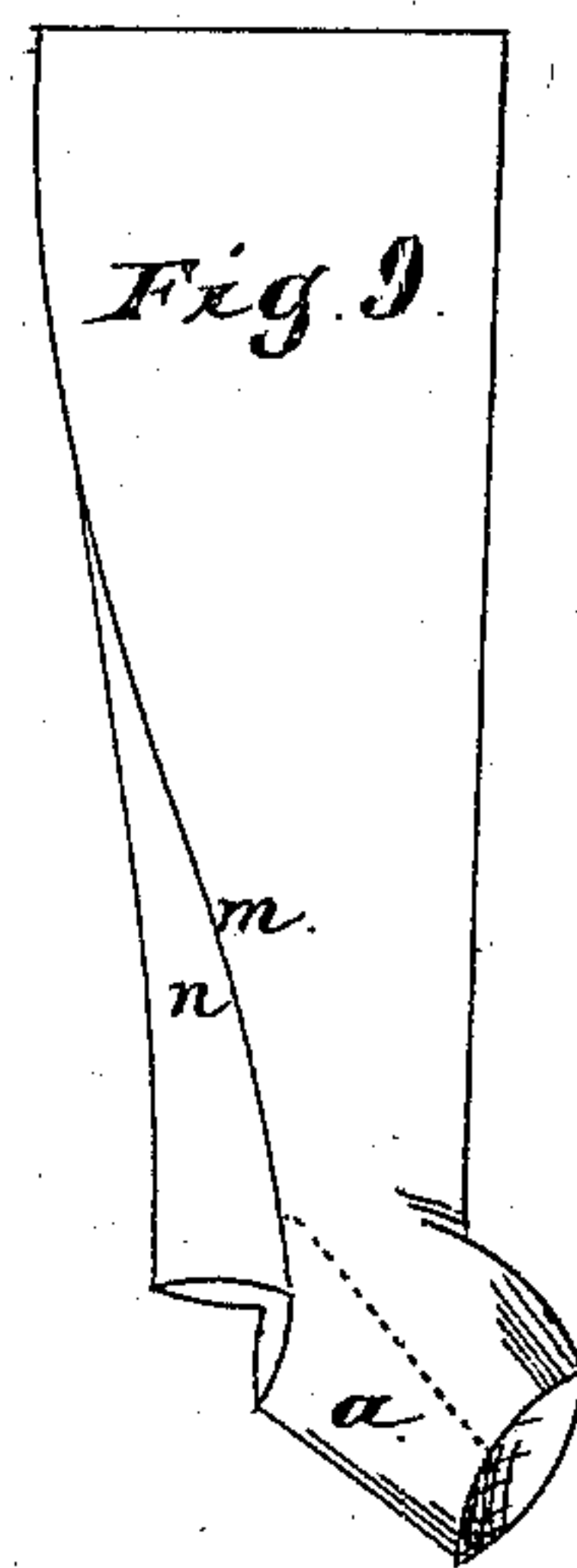


Fig. 9.



Witnesses:
Albert N. Adams.
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Inventor:

Cyrus Hoult

UNITED STATES PATENT OFFICE.

CYRUS HOULT, OF CHICAGO, ILLINOIS, ASSIGNOR TO ANDREW H. PARKER,
OF SAME PLACE.

ELASTIC HOSE.

SPECIFICATION forming part of Letters Patent No. 335,704, dated February 9, 1886.

Application filed September 15, 1885. Serial No. 177,112. (No model.)

To all whom it may concern:

Be it known that I, CYRUS HOULT, residing at Chicago, in the county of Cook and State of Illinois, and a citizen of the United States, have invented a new and useful Improvement in Elastic Hose, of which the following is a full description, reference being had to the accompanying drawings, in which—

Figure 1 represents a completed hose on a foot. Fig. 2 represents a completed web ready to be folded and sewed together to form the stocking. Fig. 3 represents the piece which may be first formed. Fig. 4 represents the commencement of the second piece. Fig. 5 represents the two pieces shown in Figs. 3 and 4 brought together. Figs. 6, 7, and 8 illustrate the manner in which the completed web shown in Fig. 2 may be folded and the edges secured together to form a completed stocking, which is shown in Fig. 9, except the binding.

Elastic stockings are worn by those who have varicose veins.

The principal object of my invention is to make such stockings so that the principal seam at the ankle will be upon the side of the ankle and away from the large tendon at the back part of the heel.

In the drawings, A represents a knitted web from which my stocking can be made.

In knitting this web I first knit a piece, *a*, like that shown in Fig. 3, and finish off the upper edge from the point *b* to *c*, leaving the stitches upon the needle from the point *c* to *d*. I then commence knitting another piece, *e*, (shown in Fig. 4,) and such piece may be about an inch and a quarter in length, and I then place the stitches from *c* to *d* of the part *a* upon the same needle with *e*, as shown in Fig. 5, and then proceed with the knitting until a web of sufficient length is completed, as shown in Fig. 2. I then bring the part *a* into a position similar to that shown in Fig. 6, and unite by stitching the inner edge, *f*, of the part *e* with a portion of *a*, being the portion between *c* and *g* of Fig. 3. I then fold the web over somewhat, as shown in Fig. 7, and then bring the two edges *m n* of the main

part of the web together, as shown in Fig. 8, and unite these two edges, except about an inch or an inch and a quarter at the lower end of the part *e*, and also unite the edge *h* of the part *a* with the lower end, *r*, of the curved edge of the web, and also unite the edge *i* of the part *e* with the upper edge of the free end of *a*, the portion of the upper edge of *a* which is united to the edge *i* being that which is between *b* and *k* of Fig. 3. The stocking will then be as shown in Fig. 9, and will be completed, excepting that binding may be stitched over the seams, as shown in Fig. 1.

This elastic stocking when on the foot and leg fits nicely, and it has no seams which can injure or unpleasantly affect the large tendon at the back of the heel and ankle, which is a very desirable feature.

This stocking has but few seams, and they are so located as to be least likely to affect the wearer unpleasantly. It will be observed from the description that there is one seam along that part which goes over the foot, which is shown in Figs. 1 and 9.

It has been the practice to enlarge on both sides the web which forms the leg. This brings the main seam at the back of the leg and ankle. I enlarge the web on one side and make the other straight, except that in special cases the upper end may be slightly enlarged on the edge *n*, as indicated by dotted line *t* in Fig. 2. This construction brings the lower part of the main seam on the inside of the ankle and the upper part at the back of the leg.

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

The improved elastic hose herein described, composed of a leg-piece having one edge curved and the other edge substantially straight, and also having an extension, *e*, in combination with a foot-piece, *a*, the parts being united substantially as and for the purposes specified.

CYRUS HOULT.

Witnesses:

ALBERT H. ADAMS,
HARRY T. JONES.