

E. TIVEY.
ELASTIC-HOSE.

No. 174,711.

Patented March 14, 1876.

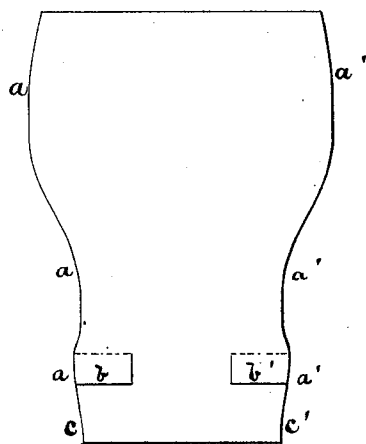


Fig. 1.

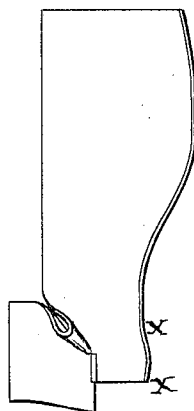


Fig. 2.

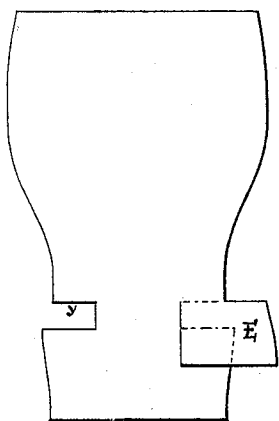


Fig. 3.

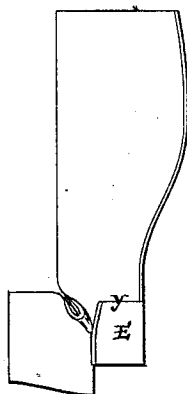


Fig. 5.

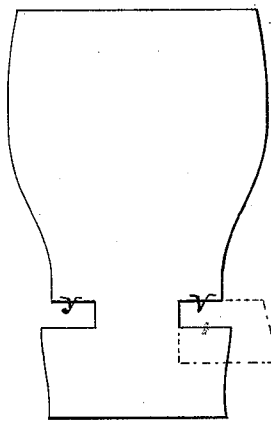


Fig. 4.

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UNITED STATES PATENT OFFICE.

EDWARD TIVEY, OF NEWTON, MASSACHUSETTS.

IMPROVEMENT IN ELASTIC HOSE.

Specification forming part of Letters Patent No. 174,711, dated March 14, 1876; application filed June 23, 1875.

To all whom it may concern:

Be it known that I, EDWARD TIVEY, of Newton, in the county of Middlesex and State of Massachusetts, have invented an Improved Elastic Hose, of which the following is a specification:

The common way of knitting elastic hose, stockings, or anklets, such as are used for varicose veins, &c., is to make a piece such as is shown in Fig. 1, and to unite this piece by joining the edge marked *a* with the edge marked *a'*, the inner edges of the parts *b b'* to those edges of the foot-part shown in dotted lines, and the edge marked *C* with edge marked *C'*. This produces the common elastic stocking for varicose veins, shown in Fig. 2. The anklets are the same in all respects, except that the leg-piece is much shorter.

The object of my invention is to make an elastic stocking on this plan, but without the heel-seam, which extends from *x x* in Fig. 2, and which is apt to hurt the skin over the large tendon in the back part of the heel. To accomplish this end I make the piece from which the stocking is made in the form shown in Fig. 3, in which the part *E* takes the place

of both the parts *b b'*; or the piece may be knit, as shown in Fig. 4, and the part *E* be afterward secured in place. One half of the upper edge of part *E* is secured to the edge marked *y*, and the other half to the edge marked *v*, in Fig. 4.

The most convenient way of making my improved stocking is to knit a piece like that shown in Fig. 4, running on the heel part *E* after knitting the foot part and the narrow instep part. The long seam in the back of the stocking is then made, the other half of the upper edge of the heel part *E* is joined to the edge marked *y* in Fig. 4, and the stocking is completed in the usual way.

Fig. 5 shows my improved stocking completed.

What I claim as my invention is—

• The improved elastic hose above described, composed of the leg-piece and the heel part *E*, united as shown.

EDWARD TIVEY.

Witnesses:

J. E. MAYNADIER,
J. E. KENOX.