

No. 707,659.

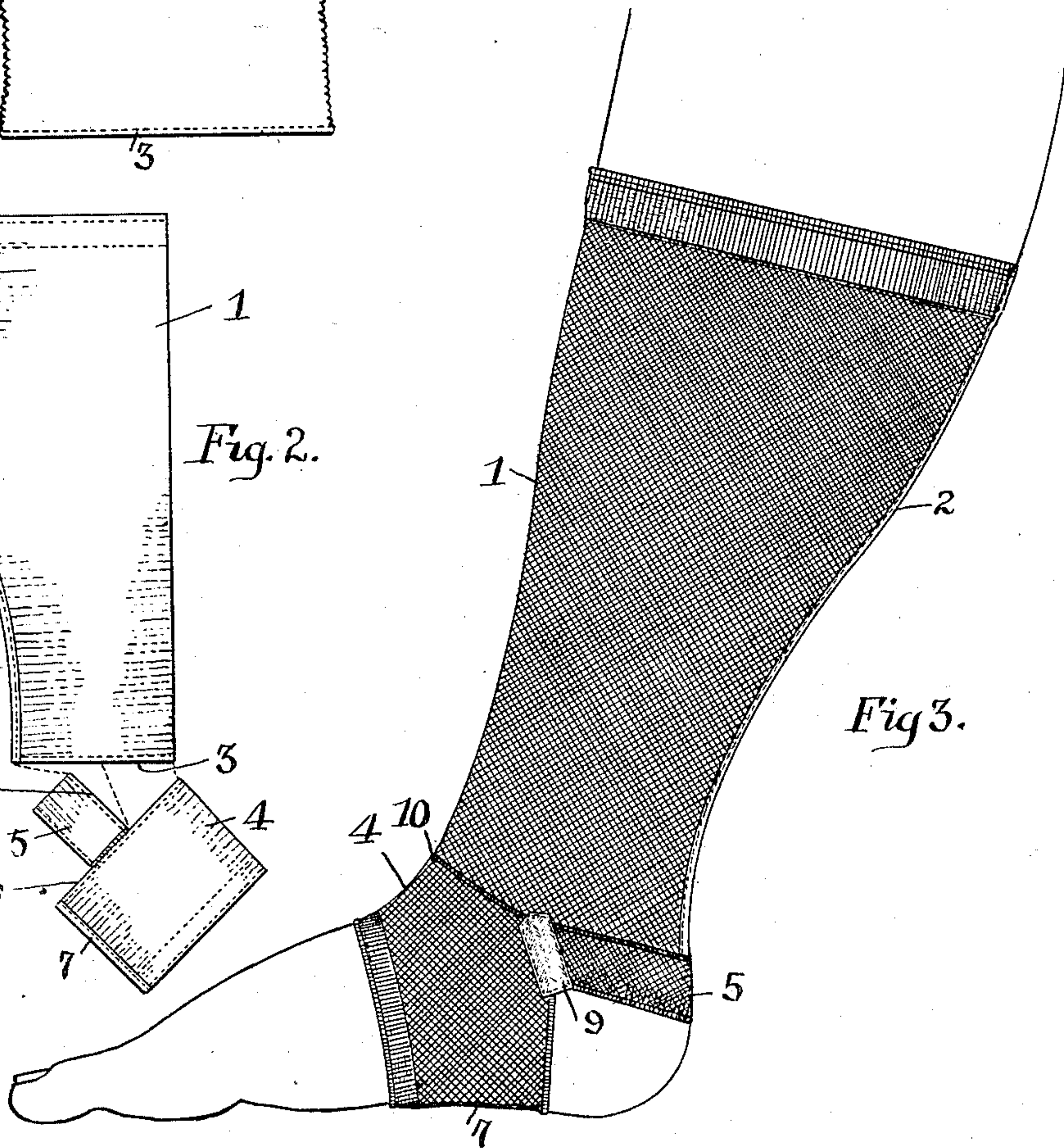
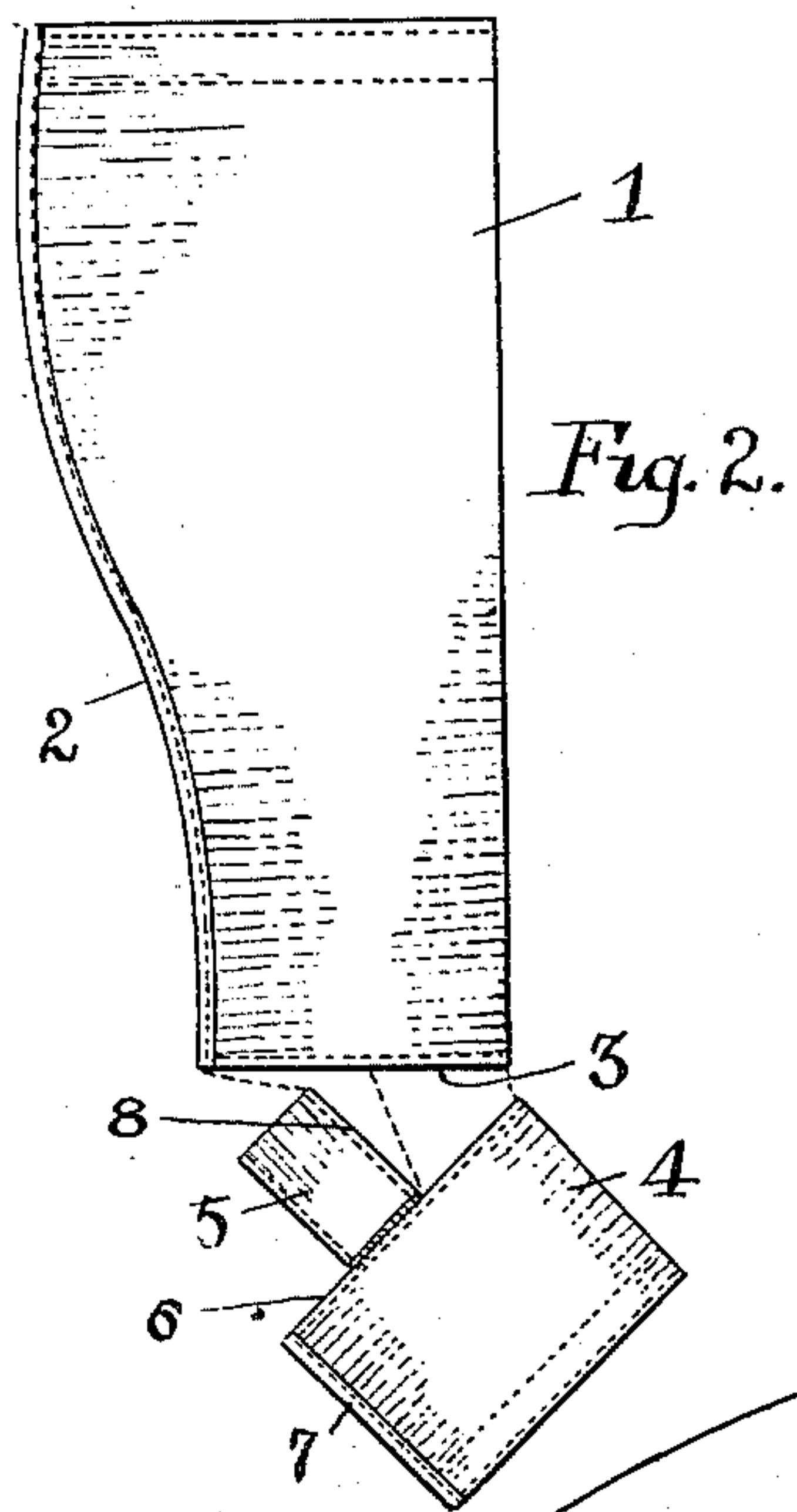
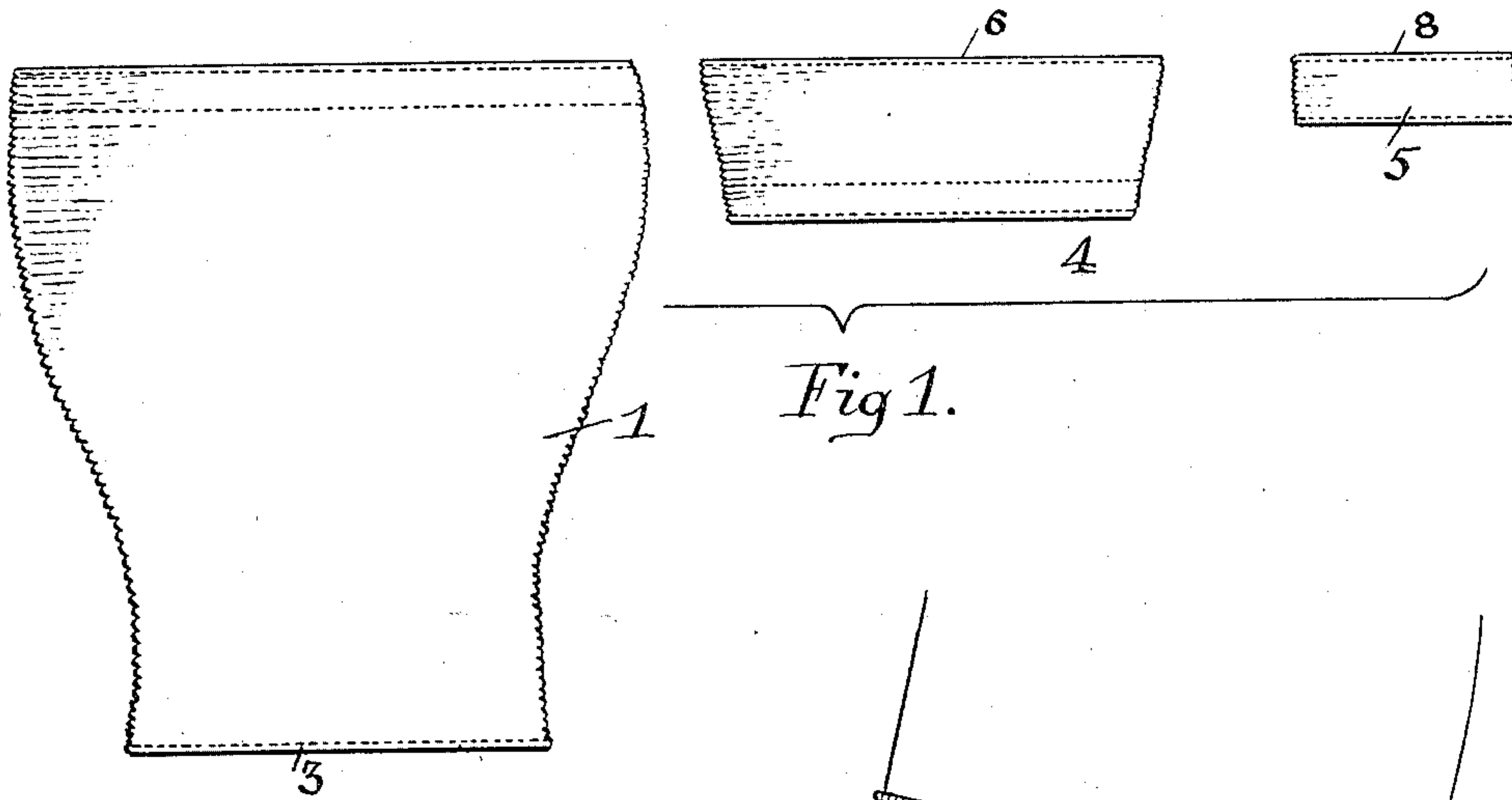
Patented Aug. 26, 1902.

W. F. WARE & W. R. CARTLEDGE.

ELASTIC STOCKING.

(Application filed Mar. 3, 1902.)

(No Model.)



Witnesses

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UNITED STATES PATENT OFFICE.

WALTER F. WARE, OF CAMDEN, NEW JERSEY, AND WRIGHT R. CARTLEDGE,
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ELASTIC STOCKING.

SPECIFICATION forming part of Letters Patent No. 707,659, dated August 26, 1902.

Application filed March 3, 1902. Serial No. 96,407. (No model.)

To all whom it may concern:

Be it known that we, WALTER F. WARE, residing in the city of Camden, State of New Jersey, and WRIGHT R. CARTLEDGE, residing in Philadelphia, State of Pennsylvania, citizens of the United States, have invented certain new and useful Improvements in Elastic Stockings, of which the following is a full and complete disclosure.

In general our invention relates to improvements in the construction and arrangement of parts whereby the stocking is not only made to fit more perfectly, but is more comfortable to the wearer and may be made in less time with a corresponding lessening of the cost of manufacture. The stocking is knit in three separate pieces and the parts united by their selvage edges, so that the completed stocking forms a better fitting, more comfortable, and better wearing article of manufacture than has heretofore been produced.

For a full and complete description reference may be had to the following specification and to the accompanying drawings, in which—

Figure 1 is a view showing the parts of the stocking separated and flattened out. Fig. 2 is a view showing one manner of assembling the same, and Fig. 3 is a view showing the stocking in place upon the foot and leg.

The fabric of which this stocking is composed, as is usual in this class of articles, is made elastic transversely, while it is non-elastic longitudinally.

In the drawings the numeral 1 indicates the leg portion of the stocking, which is knit in one piece and is united at the rear by a seam, over which is sewed a piece of tape or cloth 2 to strengthen the same. This construction leaves a selvage 3, to which the foot and heel pieces 4 and 5 may be attached.

The foot-piece 4 is made in substantially the same manner with a selvage edge 6 and a strengthening-tape 7 covering the seam where the ends are united.

The heel-piece is a single band of elastic fabric having a selvage edge 8. When the pieces are assembled to form a stocking, the heel-piece 5 is attached by its ends to the foot-piece 4, and the selvage edge 8 is attached to the selvage edge 3 for about one-half the circumference of the latter. The other half

of the selvage edge 3 is attached to the selvage 6. Pieces of tape or cloth 9 are sewed to the stocking at the intersections of the seams to strengthen the same. The other edges of the fabric are also finished or selvage edges; but the particular form of edge is not essential aside from those above mentioned.

It will be noted among the features of construction that the usual taped seam at the rear of the heel portion is done away with, whereby the fit is more perfect and a shoe may be more comfortably worn. Furthermore, the bending portion of the stocking is brought high on the foot portion and is practically at the seam 10. Therefore there is less material in the instep or bending portion, which makes the stocking less liable to pucker and makes the length of the line above the instep shorter than is usual in the regular elastic stocking in use. A great saving in time in the manufacture of the stocking is also obtained, since each part can be finished complete without unnecessary stoppings of the machine to finish the different edges, and the parts may be assembled by less skilled labor and at a smaller cost.

Another advantage and function of the construction above described is that in consequence of having the foot portion a separate piece or pieces they may be detached when they have become worn out or soiled and replaced by similar perfect pieces. This obviates the necessity of throwing away the stocking, as would be the case were the parts integral, since the leg portion always lasts many times as long as the foot portion. In this way an increase in convenience and a reduction in expense to the user is obtained.

Slight changes in detail and arrangement may be made without departing from the spirit of our invention.

What we claim, and desire to protect by Letters Patent, is—

1. A new article of manufacture, an elastic stocking comprising a substantially cylindrical leg portion having a selvage edge at its lower end and closed at the back by a longitudinal seam, a cylindrical foot portion having a selvage edge at its upper end closed by a seam at the bottom, a heel-band seamless at the rear having an upper selvage edge, the foot

portion being stitched to the leg portion for substantially one-half their peripheries by elastic stitching the heel-band being attached to the other half of the periphery of the leg
5 portion by elastic stitching and its ends to the adjacent foot portion, substantially as described.

2. A new article of manufacture, an elastic stocking comprising a substantially cylindrical leg portion having a selvage edge at its
10 lower end and closed at the back by a longitudinal seam, tape covering said seam, a cylindrical foot portion having a selvage edge at its upper end and closed by a seam at the
15 bottom, tape covering said seam, and a heel-

band seamless at the rear having an upper selvage edge, the foot portion being stitched to the leg portion for substantially one-half their peripheries by elastic stitching, the heel-band being stitched to the other half of the
20 periphery of the leg portion by elastic stitching, and its ends to the adjacent foot portion, substantially as described.

In witness whereof we have hereunto set our hands this 1st day of March, A. D. 1902. 25

WALTER F. WARE.

WRIGHT R. CARTLEDGE.

Witnesses:

EDW. W. VAIEL, Jr.,

CHAS. K. BENNETT.