

(No Model.)

E. G. CHESTER.
METHOD OF MAKING STOCKINGS.

No. 365,671.

Patented June 28, 1887.

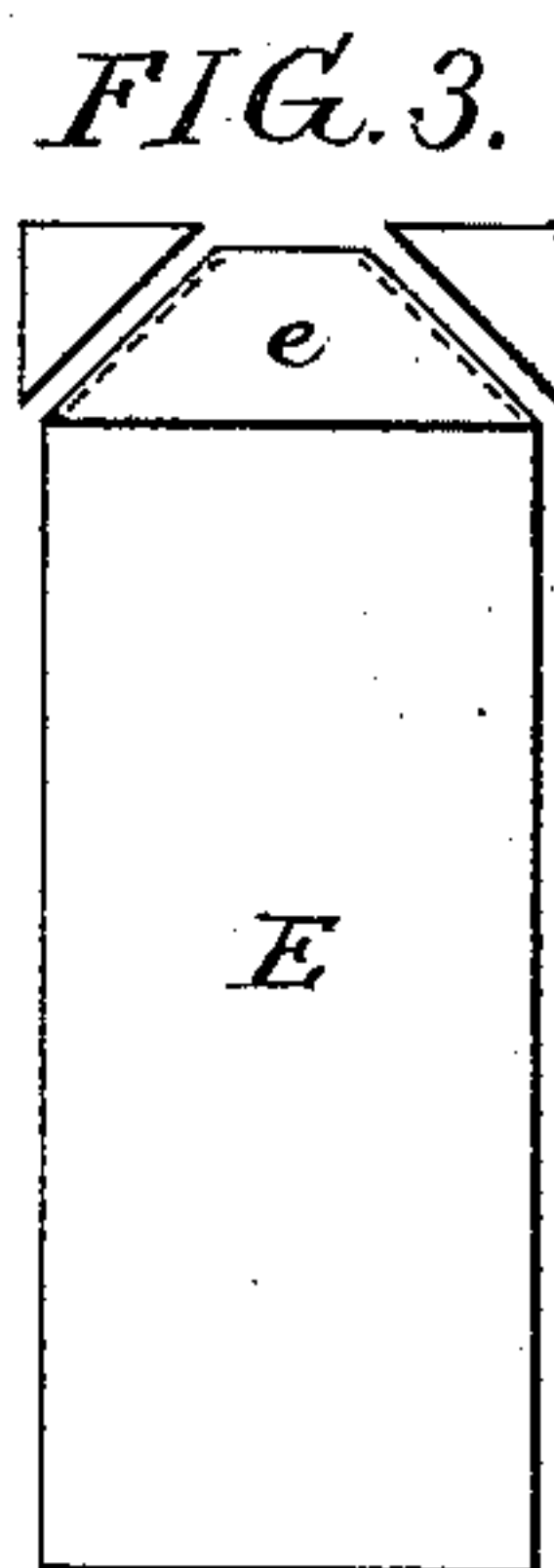
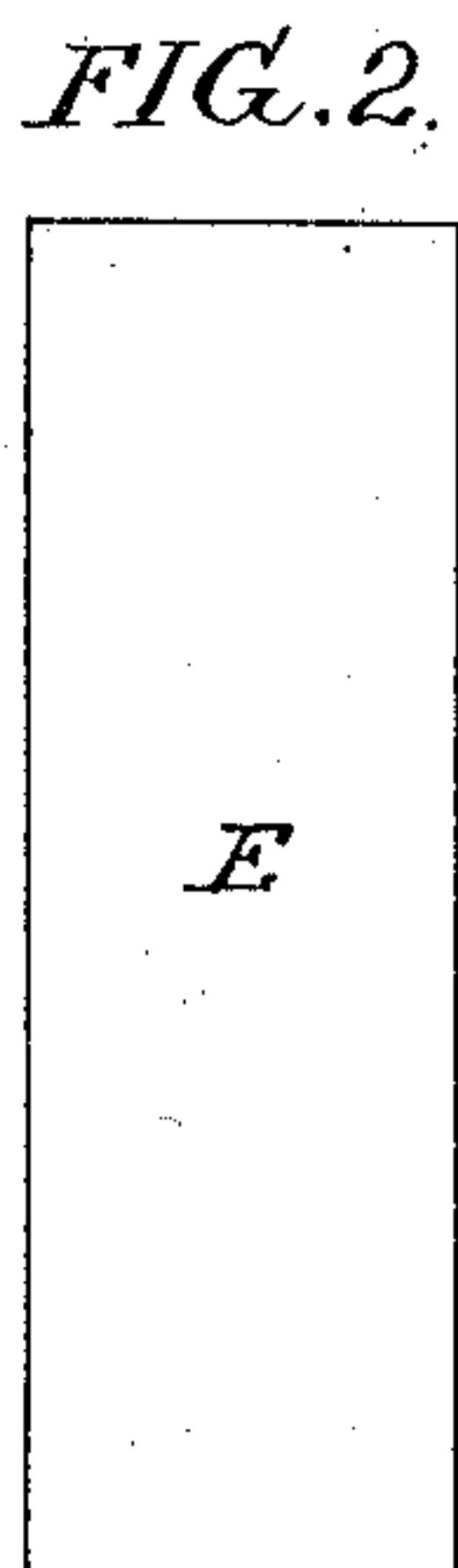
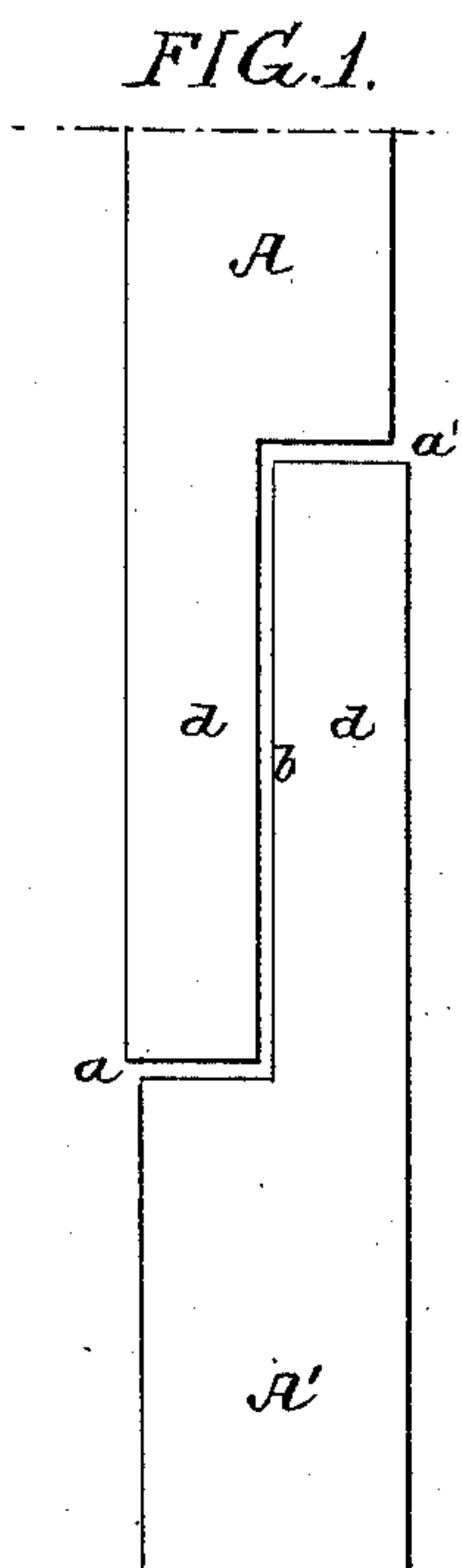


FIG. 5.

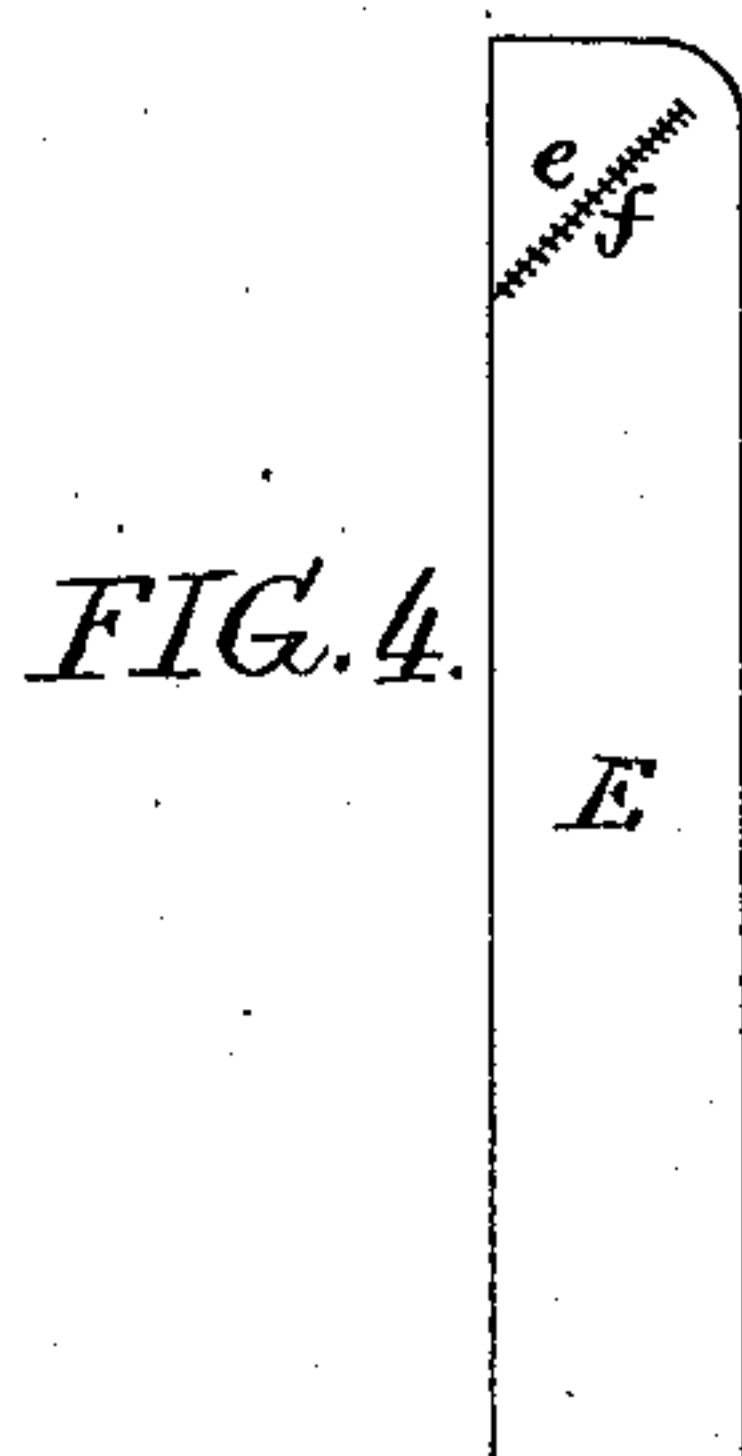
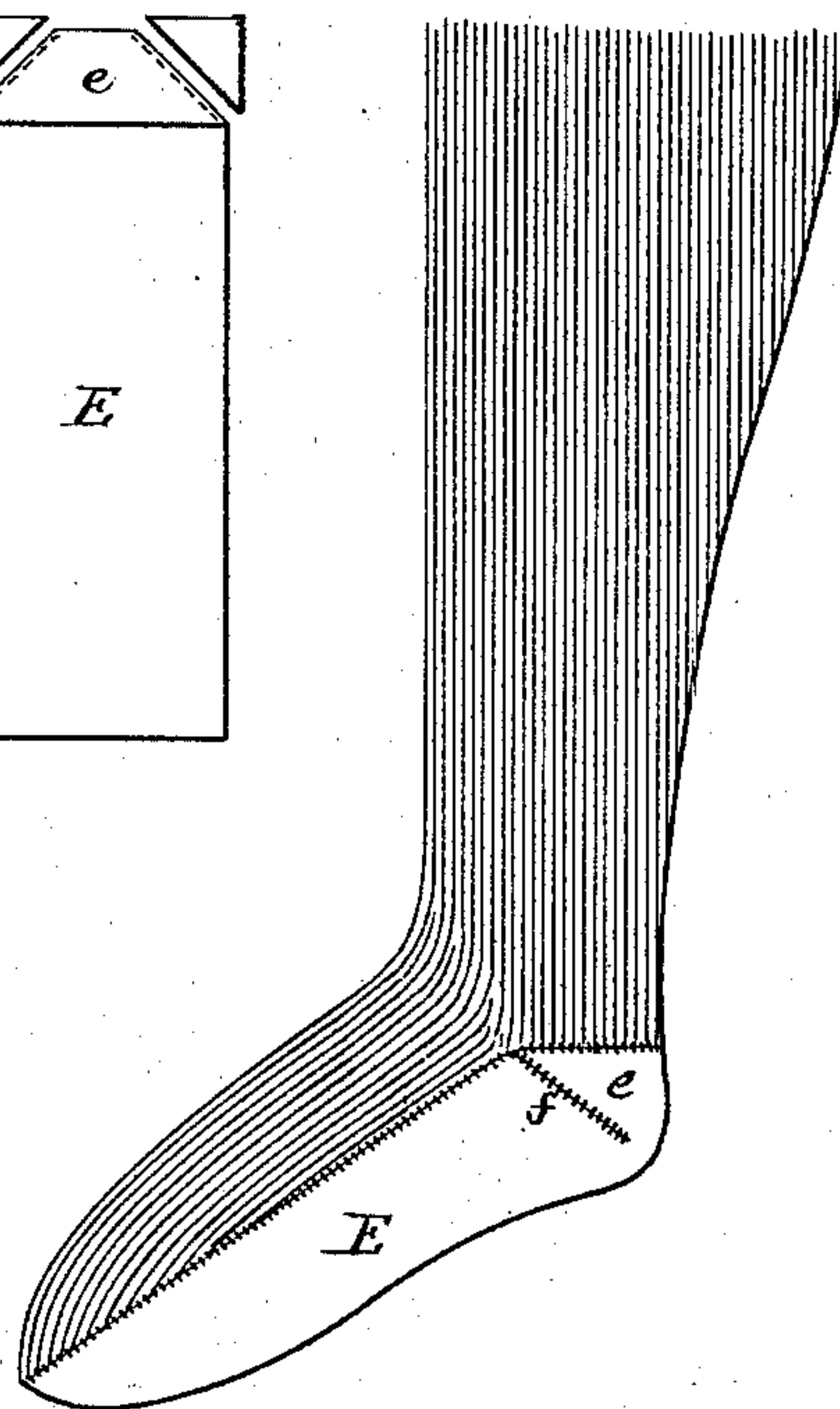


FIG. 6

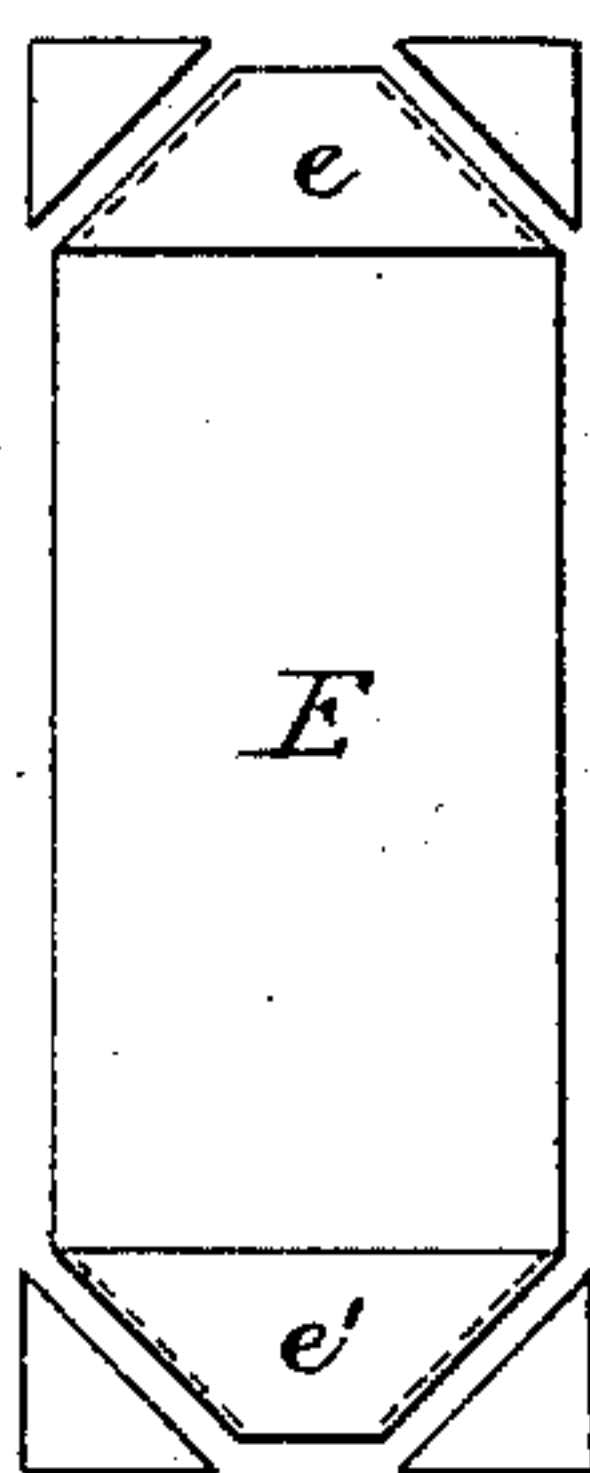


FIG. 7.

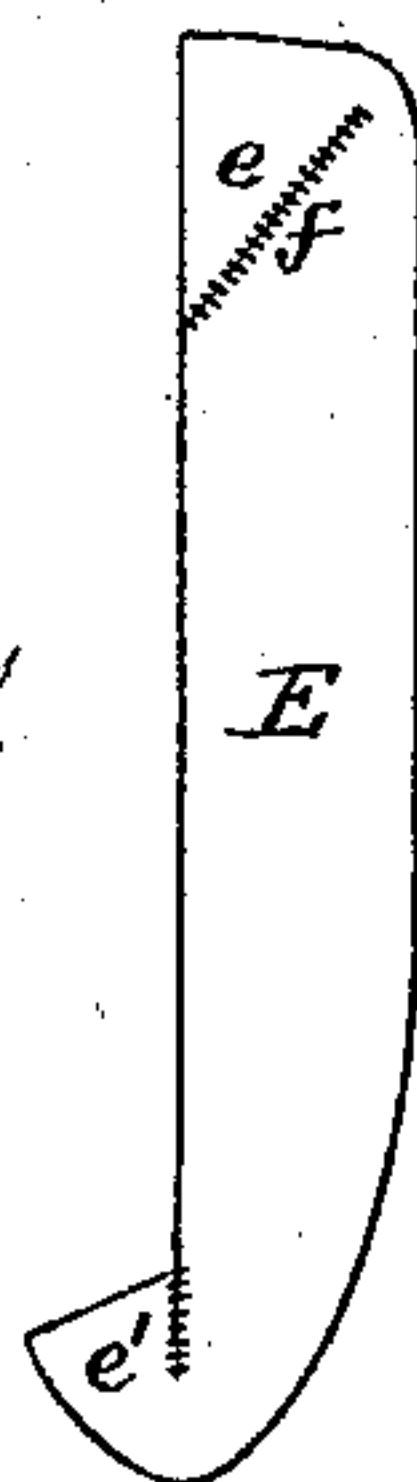
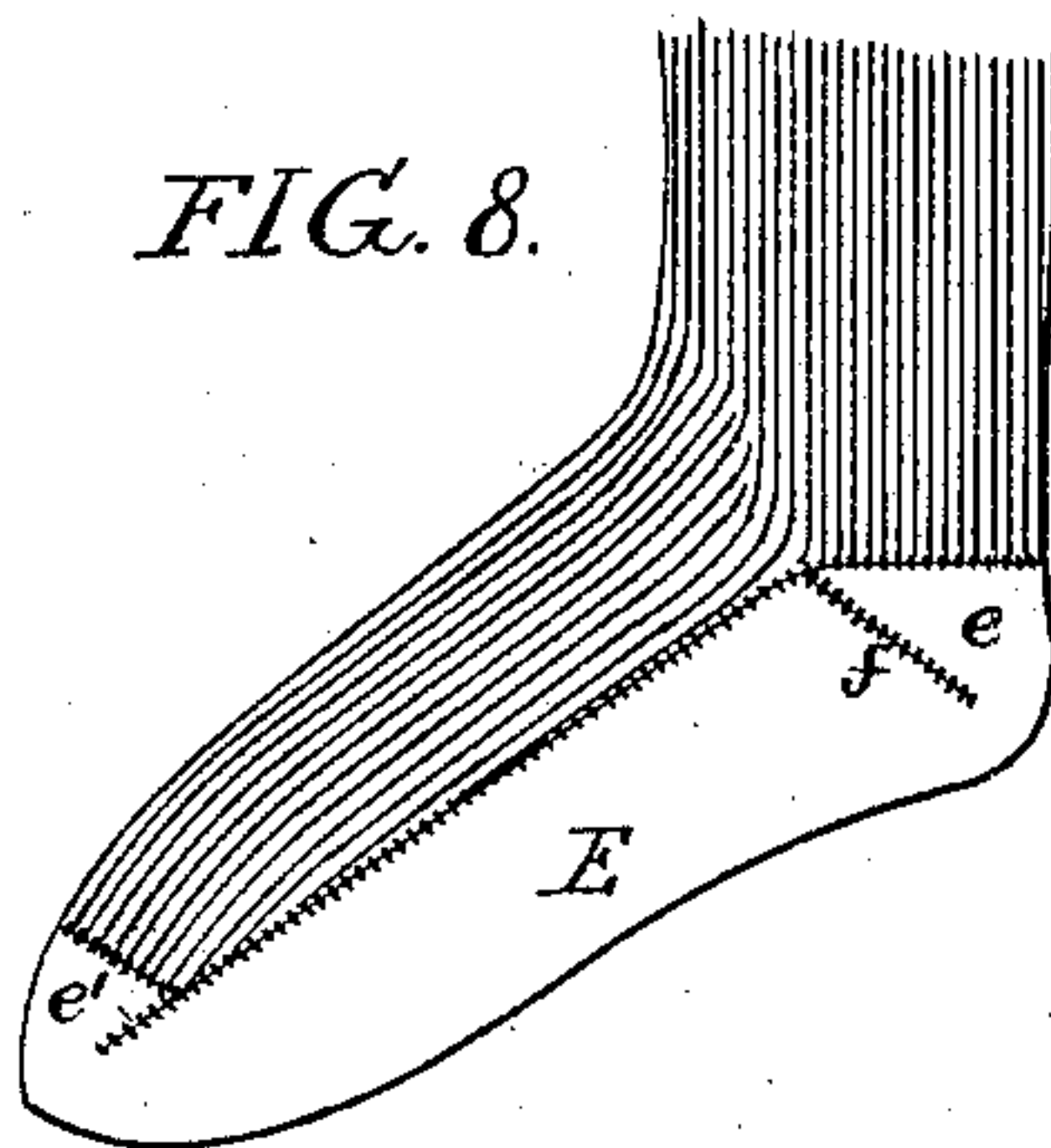


FIG. 8.



Witnesses:
William D. Bonner.
David S. Williams.

Inventor:
Elijah G. Chester
by his Attorneys
Howson & Sons

UNITED STATES PATENT OFFICE.

ELIJAH G. CHESTER, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR OF ONE-HALF TO E. SUTRO, OF BROOKLYN, NEW YORK.

METHOD OF MAKING STOCKINGS.

SPECIFICATION forming part of Letters Patent No. 365,671, dated June 28, 1887.

Application filed April 15, 1887. Serial No. 234,895. (No model.)

To all whom it may concern:

Be it known that I, ELIJAH G. CHESTER, a citizen of the United States, and a resident of Philadelphia, Pennsylvania, have invented certain Improvements in the Manufacture of Stockings, of which the following is a specification.

The object of my invention is to manufacture in the most economical manner possible stockings with the soles and the under side of the heels free from seams.

In the accompanying drawings, Figure 1 is a diagram illustrating the manner of cutting the tubes for the legs and upper parts of the feet of the stockings. Figs. 2, 3, and 4 are diagrams illustrating the manner of preparing the separate sole and heel piece. Fig. 5 is a view illustrating the finished stocking. Figs. 6, 7, and 8 are views illustrating a modification.

The knitted tubes out of which the body of the stockings are to be formed are severed, as illustrated in Fig. 1, with transverse cuts *a a'* extending about half-way through the tube from oppositesides and at different points, and with a central longitudinal connecting cut, *b*. Two stocking-tubes, *A A'*, are thus formed with projecting semi-tubular parts *d*, to form the legs and upper parts of the feet of the two stockings. In each stocking the projecting part *d* is to form the upper part of the foot, while the other part of the tube forms the leg of the stocking. I then take a separate flat strip, *E*, which may be of the plain rectangular form illustrated in Fig. 2. I then fold over one end of the strip, cut off the corners of the folded piece *e*, and at the same time seam the cut edges of the fold, as illustrated in Fig. 3. There is thus formed a foot-piece with diagonal seams *f*, as illustrated in the diagrammatic side view, Fig. 4. This combined sole and heel piece is then seamed to the leg and

upper foot-piece of the stocking, as illustrated in Fig. 5. I thus produce in a very simple and economical way a seamed stocking, which is free from seams on the sole and under the heel. If desired, the separate piece *E*, which is to be seamed to the leg and upper part of the foot, may include the toe as well as the heel. In such case the strip *E* is somewhat longer in proportion, and is folded over at both ends *e* and *e'*, and the folded parts are both cut off at the corners and seams, as illustrated in Fig. 6, to produce the combined sole, heel, and toe piece illustrated in the diagrammatic side view in Fig. 7. This is then seamed to the leg and upper part of the foot of the stocking, as indicated in Fig. 8.

I claim as my invention—

1. The mode herein described of making stockings, said mode consisting in forming the leg and upper part of the foot in one piece, forming a sole and heel piece by folding a flat strip at one end, cutting off the corners and seaming the fold at the cuts to form the heel, and attaching this sole and heel piece to the leg and upper part of the foot; all substantially as set forth.

2. The mode herein described of making stockings, said mode consisting in forming the leg and upper part of the foot in one piece, forming a heel, sole, and toe piece by folding a flat strip at both ends, cutting off and seaming the corners of the folds, and attaching this sole, heel, and toe piece to the leg and upper part of the foot, all substantially as set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

ELIJAH G. CHESTER.

Witnesses:

WILLIAM D. CONNER,
HUBERT HOWSON.