

(No Model.)

2 Sheets—Sheet 1.

R. W. SCOTT.
STOCKING AND METHOD OF MAKING THE SAME.

No. 271,526.

Patented Jan. 30, 1883.

FIG. 1.

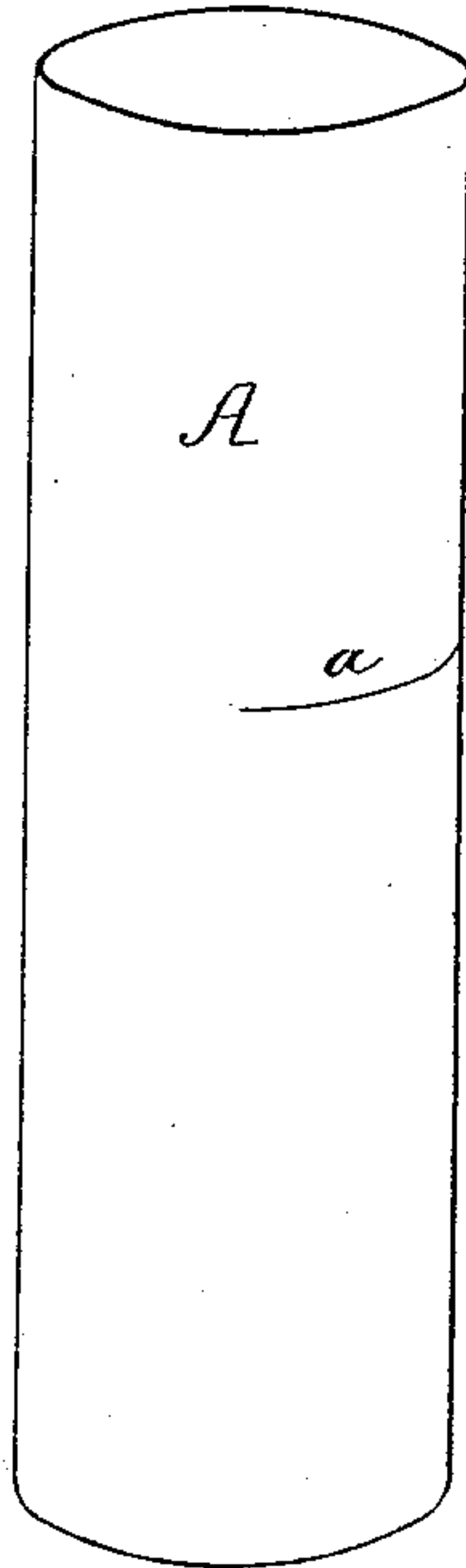


FIG. 3.

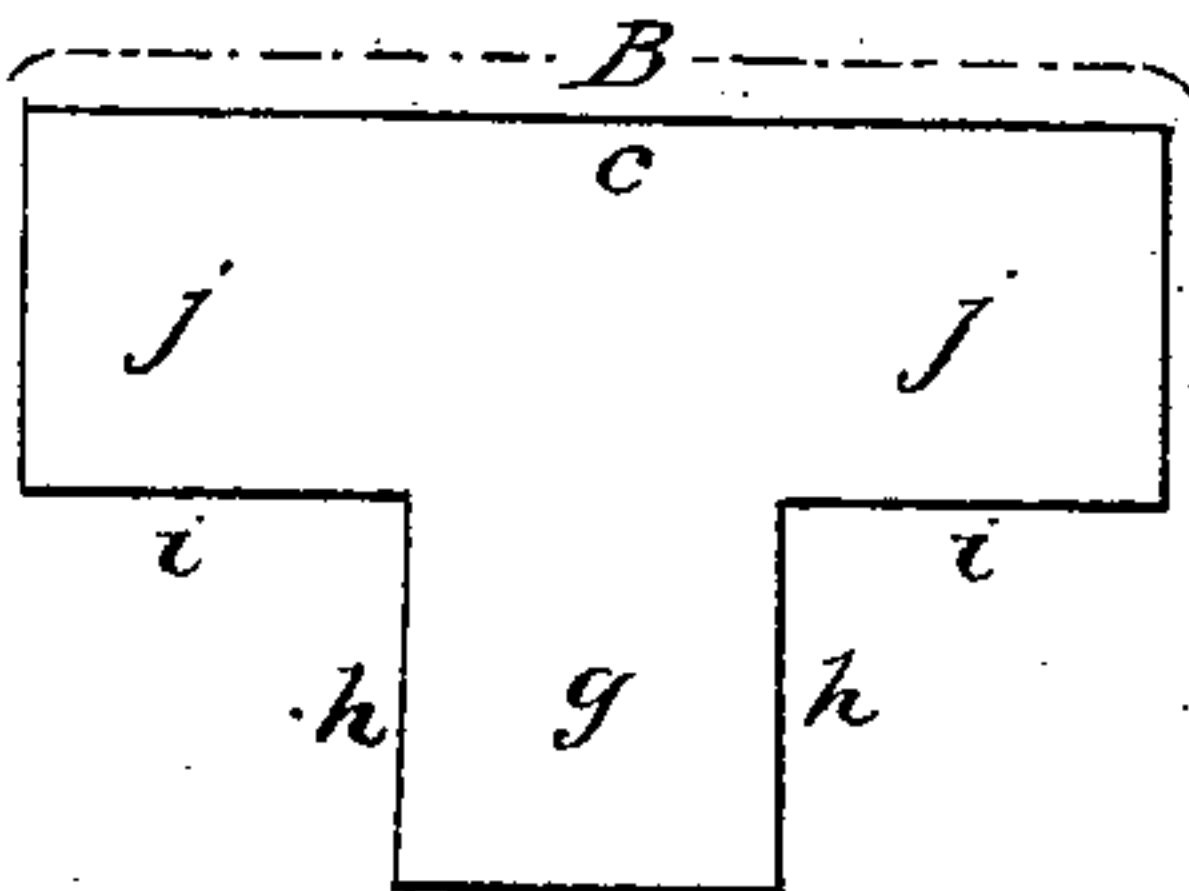


FIG. 2.

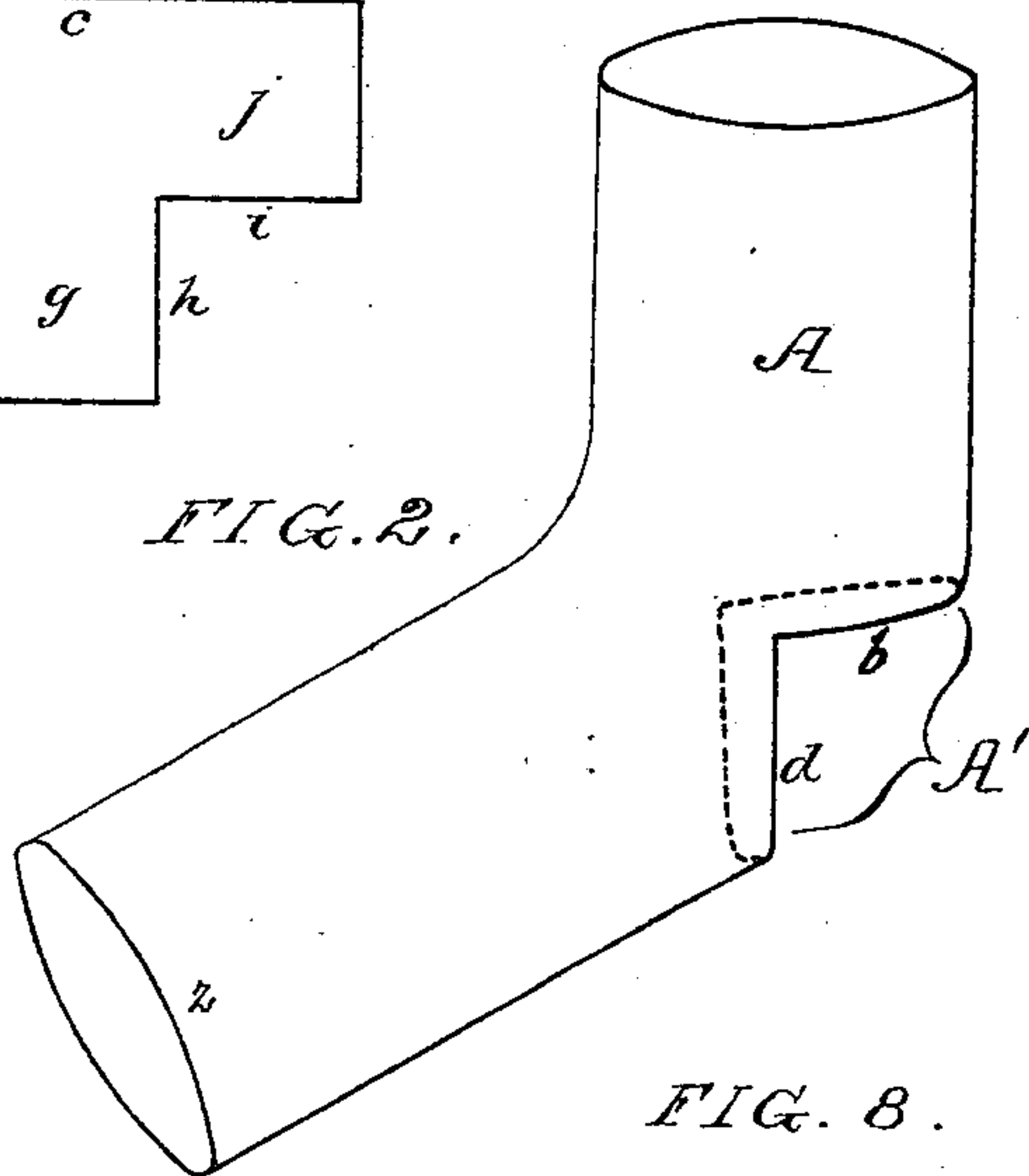


FIG. 4.

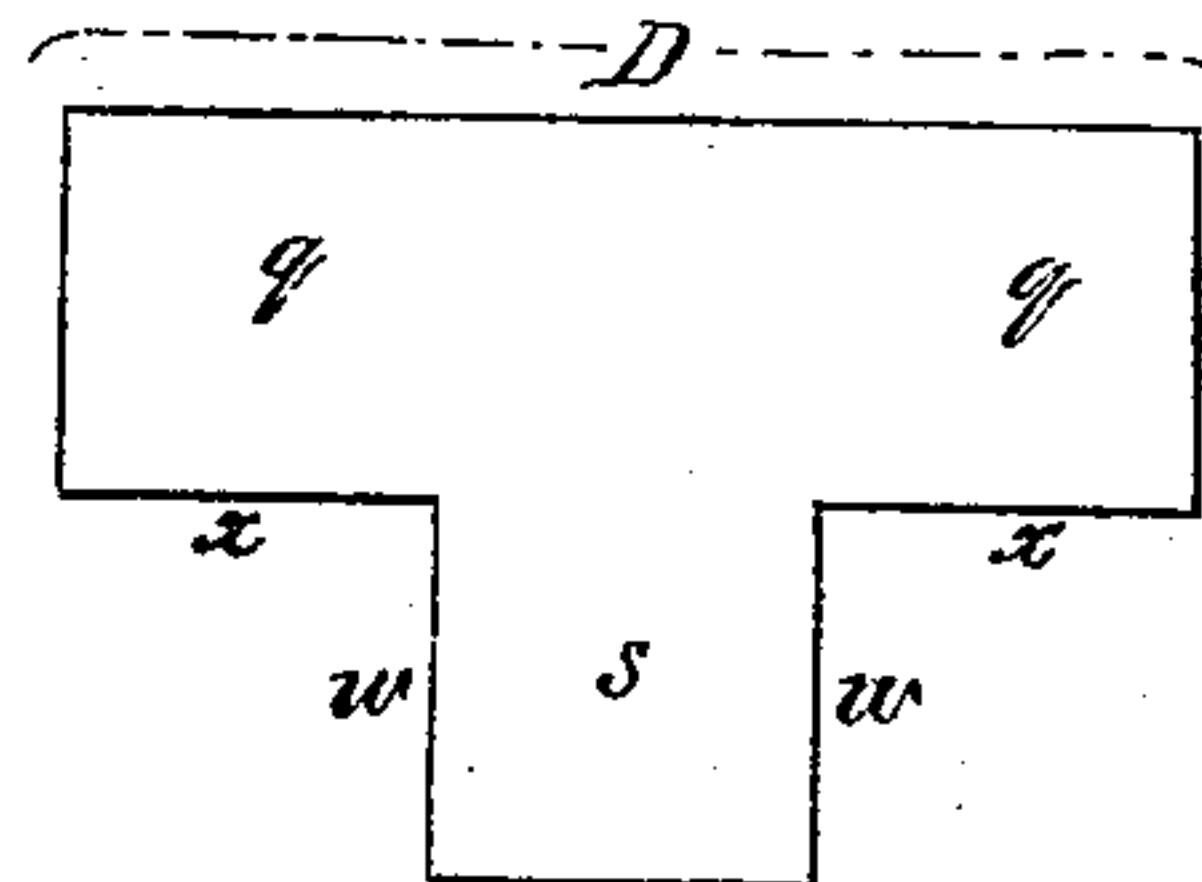
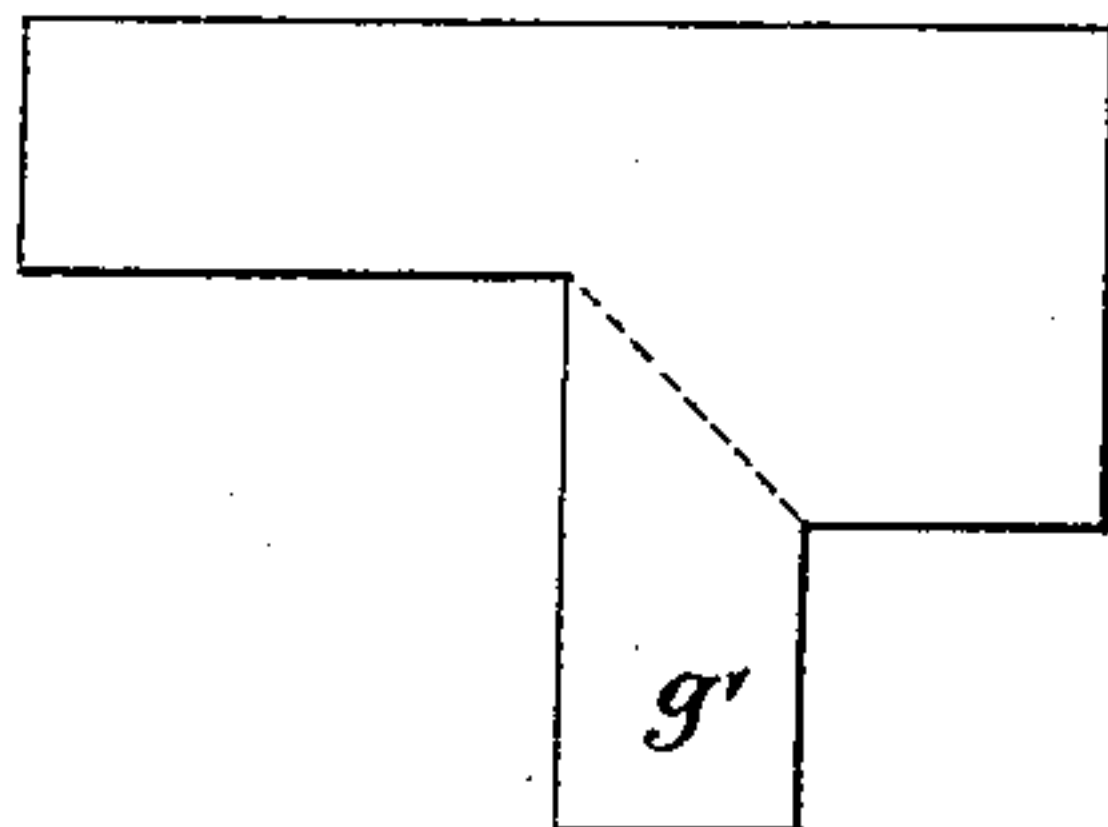


FIG. 8.



Witnesses,
James F. Tobin
Harry Drury

Inventor:
Robert W. Scott
by his Attorneys.
Howson and Fox

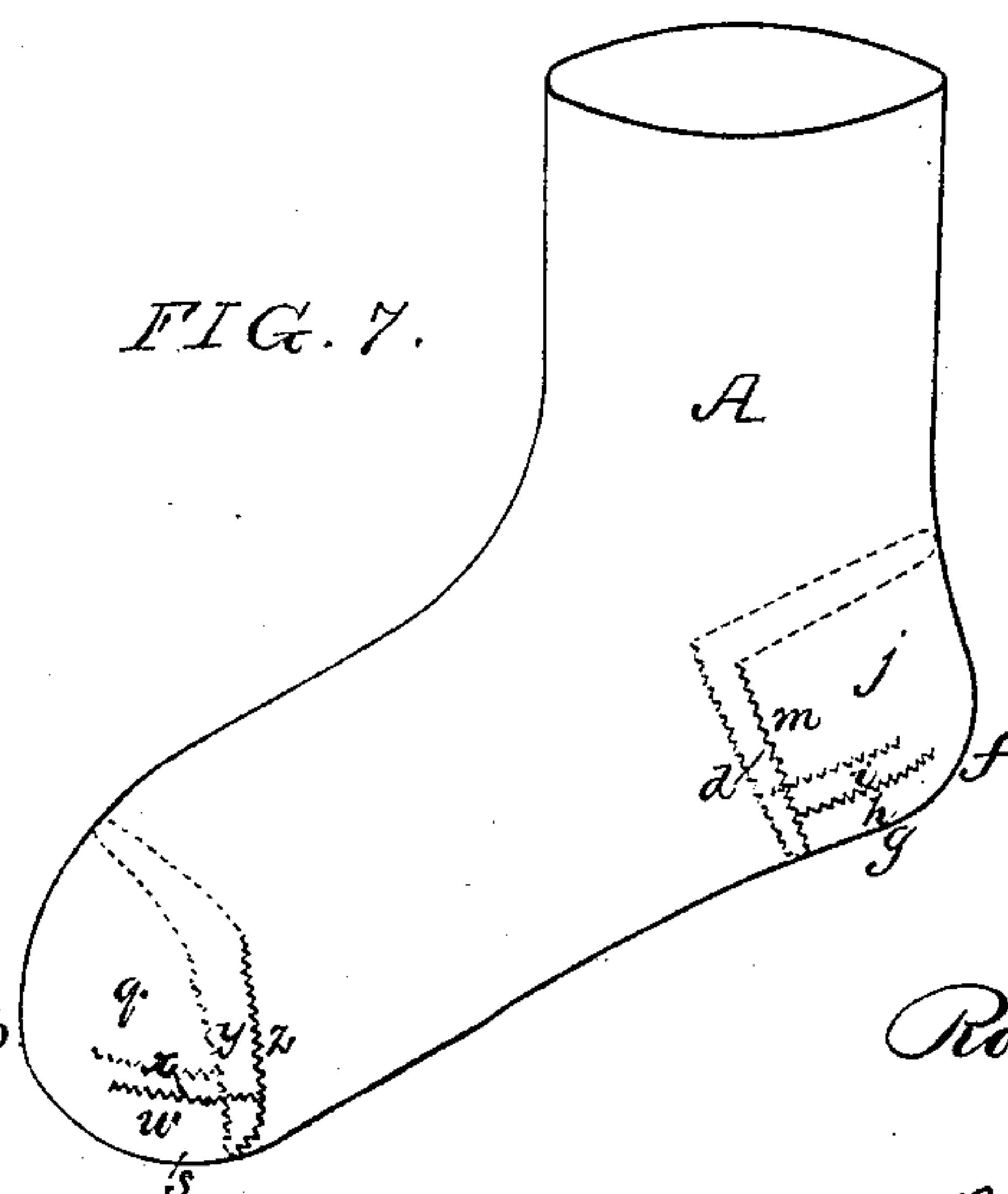
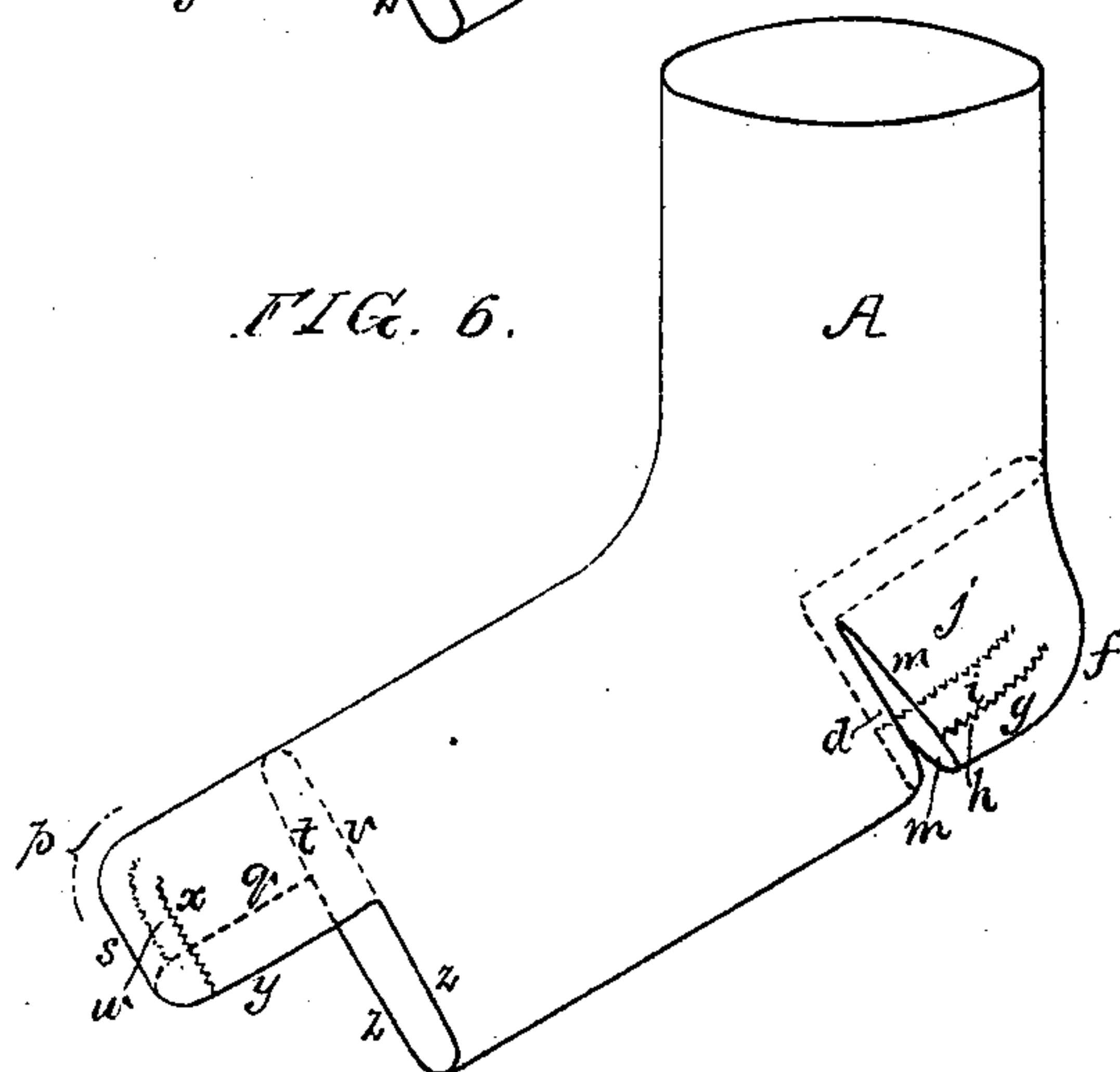
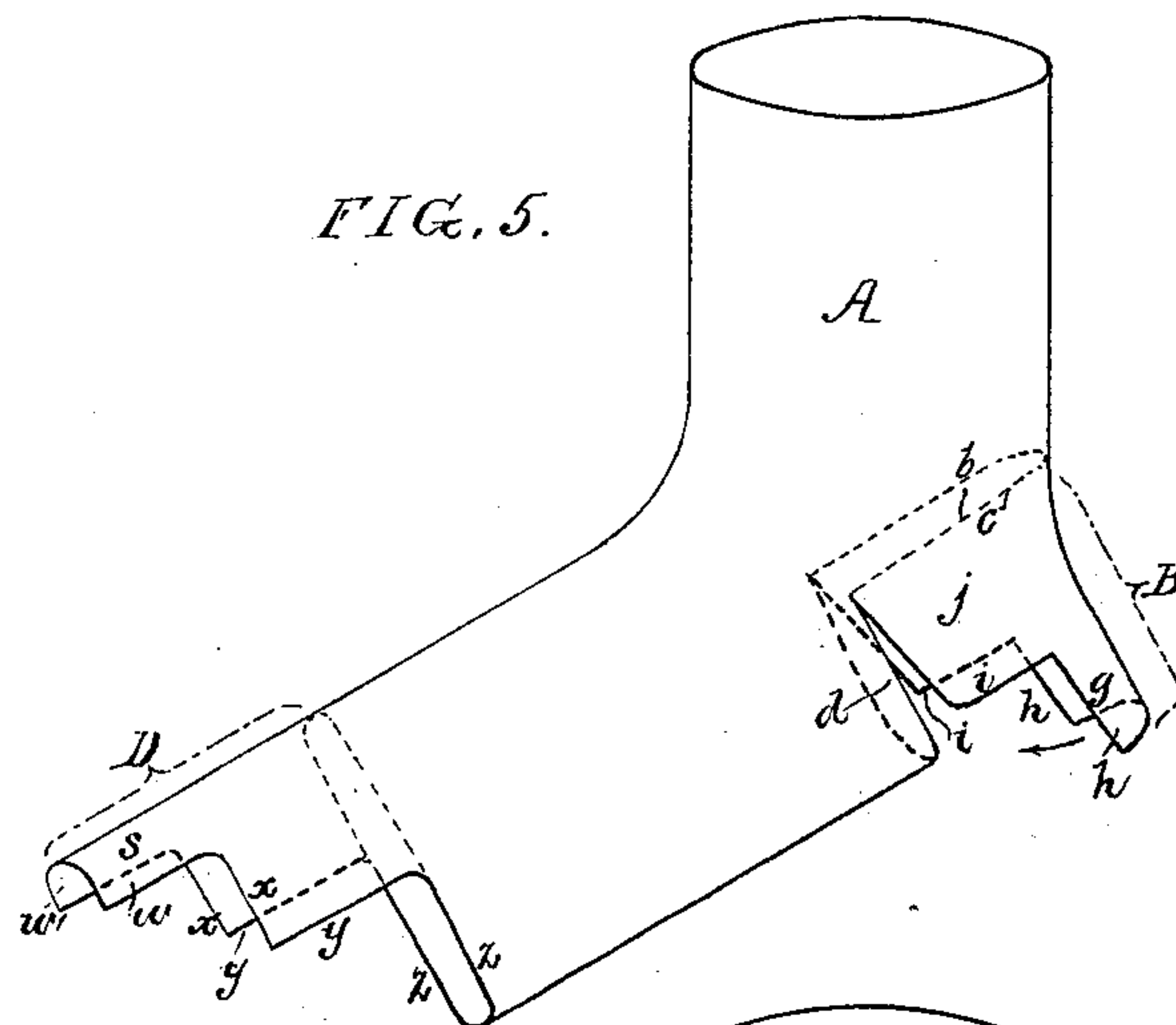
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2 Sheets—Sheet 2.

R. W. SCOTT.
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Witnesses:
James I. Tobin
Harry Drury

Inventor:
Robert W. Scott
By his attorneys
Howson and Jones

UNITED STATES PATENT OFFICE.

ROBERT W. SCOTT, OF PHILADELPHIA, PENNSYLVANIA.

STOCKING AND METHOD OF MAKING THE SAME.

SPECIFICATION forming part of Letters Patent No. 271,526, dated January 30, 1883.

Application filed March 13, 1882. (No model.)

To all whom it may concern:

Be it known that I, ROBERT W. SCOTT, a citizen of the United States, and a resident of Philadelphia, Pennsylvania, have invented certain Improvements in Socks and Stockings and in the Method of Making the Same, of which the following is a specification.

My invention consists of an improvement, fully described hereinafter, in cheap socks and stockings and in the mode of manufacturing the same; the object of my invention being the formation of rounded heels and toes having the seams so disposed that they will not interfere with the comfort of the wearer.

In the accompanying drawings, Figures 1 and 2, Sheet 1, are perspective views of a tube of knitted fabric, illustrating the preparatory steps in carrying out my invention; Figs. 3 and 4, views of the T-shaped heel and toe pieces; Figs. 5 and 6, Sheet 2, views showing the manner of forming the rounded pockets for the heel and toe; Fig. 7, a view of the foot of the completed sock or stocking; and Fig. 8, Sheet 1, a view of the heel and toe piece described in the patent, No. 234,075, granted to me November 2, 1880.

A tube, A, Fig. 1, of knitted fabric, is partly severed on the line *a*, so that when it is bent to the condition Fig. 2 there will be a cavity at A', where the heel of the stocking has to be made. This cavity I fill, so as to complete the heel, by a pocket formed of the T-shaped heel-piece B, Fig. 3, the edge *c* of which is united to the edge *b* of the cavity of the tube A, Fig. 2.

The fabric of the heel-piece is preferably made a continuation of the fabric of the tube by adapting the loops on the edge *b* of the cavity in the tube to the needles of a suitable knitting-machine, and forming the heel-piece by the latter. When this has been done the unfinished heel of the stocking will be in the condition shown in Fig. 5. The leg *g* of the heel-piece is now turned in the direction of the arrow, and the edges *h h* of the said leg are united to the edges *i i* of the projections *j j* of the heel-piece, thus forming a rounded pocket, *f*, Fig. 6, the front edge, *m*, of which is united to the edge *d* of the cavity A', Fig. 2, thereby filling said cavity and completing the heel, as shown in Fig. 7.

The difference between the heel-piece and that described in my former patent will be understood by reference to Fig. 8, in which the folding of the projection *g'* is made on a diagonal line instead of being folded in the direction of the arrow, Fig. 5. The wings *j j* of the present heel-piece are, moreover, both of the same shape and dimensions, their edges *i i* being made of the same length as the edges *h h* of the leg or projection *g*, Fig. 3.

The toe of my improved stocking is made in substantially the same manner as the heel, the upper half of the tube A terminating in a T-shaped continuation or toe-piece, D, Fig. 4, of knitted fabric, and the projection *s* of the toe-piece being turned down, and its edges *w w* being united to the edges *x x* of the projections *q q* of the toe-piece, thus forming a pocket, *p*, Fig. 6, the edge *y* of which is united to the edge *z* of the tube, after which the stocking is pressed in the usual manner, and is then ready for the market.

The stocking thus constructed is rounded at the heel and toe, and the seams are so arranged that they will not interfere with the comfort of the wearer.

Although I have referred to the stocking as being made of a tube of knitted fabric, it may be made of a flat web of fabric of a shape admitting of being formed into a tube, the same pockets formed of T-shaped pieces being resorted to in forming the heel and toe.

I claim as my invention—

1. A sock or stocking in which a cavity, A', made in the fabric by partly severing the same, is combined with a T-shaped heel-piece folded and formed into a pocket, *f*, and united to the edges of the cavity, all substantially as set forth.

2. The mode herein described of forming a heel on a partly-severed tube of knitted fabric, the said mode consisting in making a cavity, A', in the said tube, forming a T-shaped projection on one edge, *b*, of said cavity, folding and forming said T-shaped projection into a pocket, *f*, and uniting the front edge, *m*, of the pocket to the other edge, *d*, of the cavity A', all substantially as set forth.

3. A sock or stocking in which the tubular foot is combined with a T-shaped toe-piece

folded and formed into a pocket, p , the edge of which is united to the edge of the tubular foot, all substantially as specified.

5 4. The mode herein described of forming a toe upon the tubular foot of the stocking, the said mode consisting in forming a projecting T-shaped toe-piece on one half of the tube, folding and forming said T-shaped toe-piece into a pocket, p , and uniting the edge y of the pocket

to the edge z of the other half of the tube, as is set forth.

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

ROBT. W. SCOTT.

Witnesses:

HARRY DRURY,
HARRY SMITH.