

(No Model.)

J. C. DAGGETT.

SHOE.

No. 289,812.

Patented Dec. 11, 1883.

Fig:1

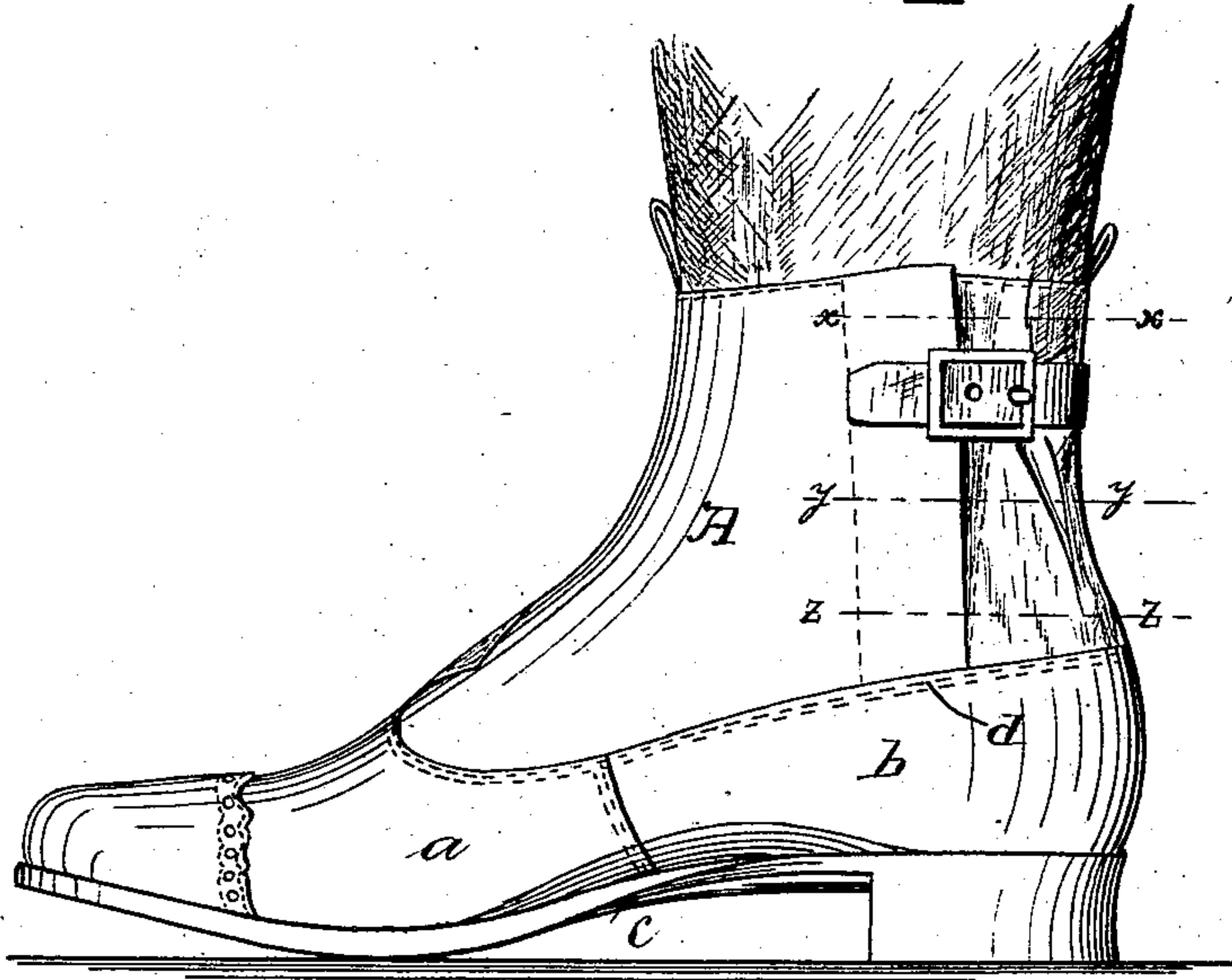


Fig:2.

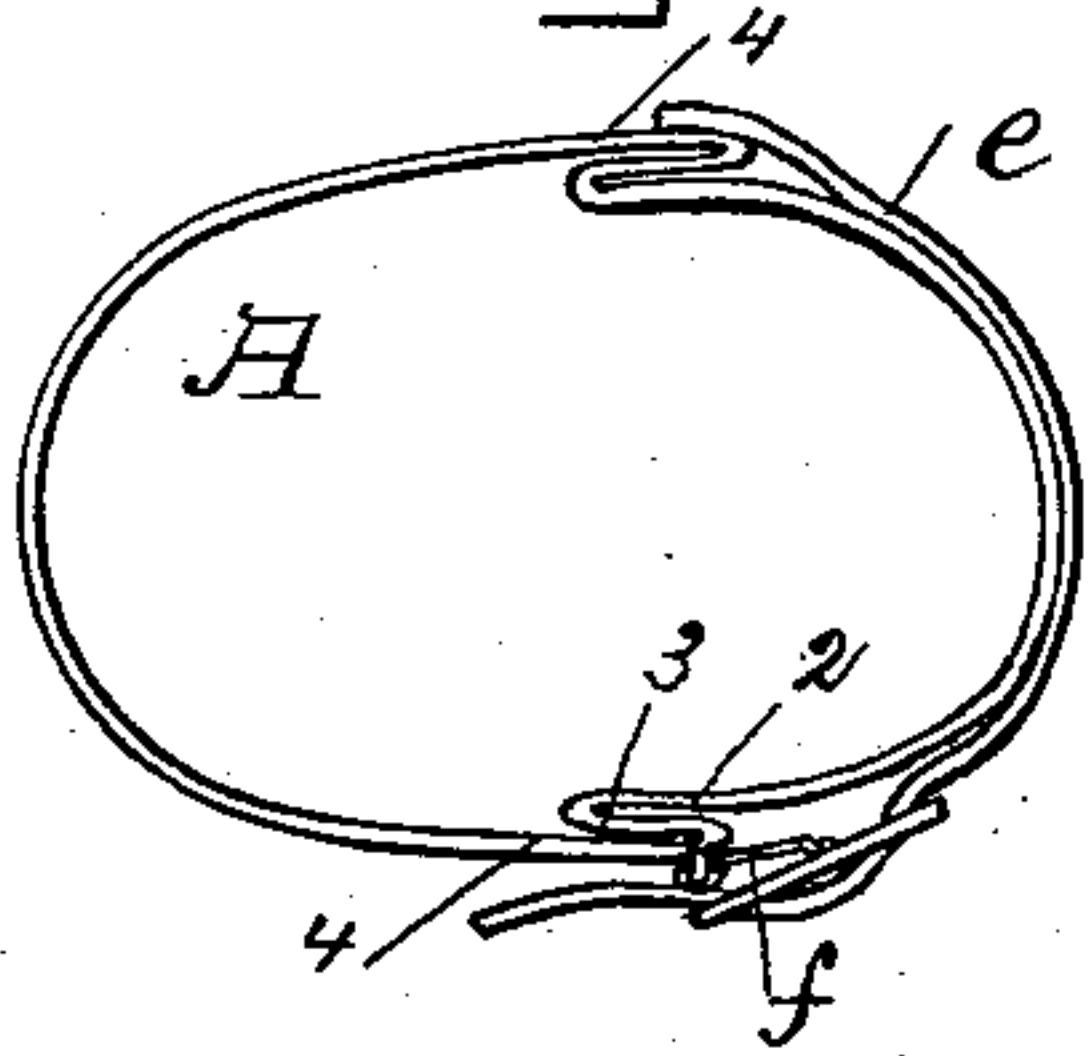


Fig:3.



Fig:4.

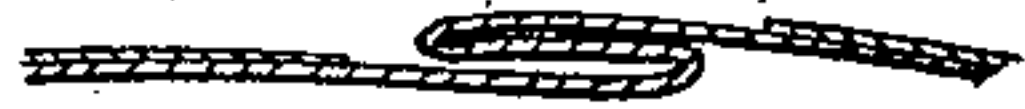
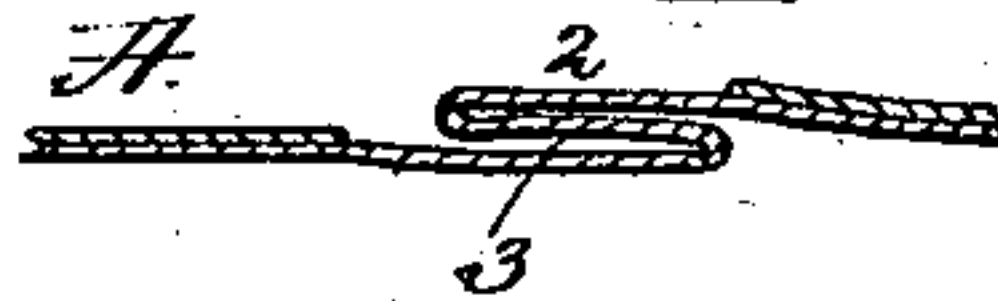


Fig:5.



WITNESSES.

*F. A. Powell.*

*John F. C. Reinhardt*

INVENTOR

*John C. Daggett.*

*by Crosby & Gregory*  
*attys.*

# UNITED STATES PATENT OFFICE.

JOHN C. DAGGETT, OF BOSTON, MASSACHUSETTS, ASSIGNOR TO COLBURN,  
FULLER & CO., OF SAME PLACE.

## SHOE.

SPECIFICATION forming part of Letters Patent No. 289,812, dated December 11, 1883.

Application filed February 5, 1883. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN C. DAGGETT, of Boston, county of Suffolk, State of Massachusetts, have invented an Improvement in Shoes, of which the following description, in connection with the accompanying drawings, is a specification, like letters on the drawings representing like parts.

This invention in shoes has for its object the production of a shoe of the gaiter class, where the top of the shoe is close fitting to the ankle without the employment of elastic webbing.

The top part of my improved shoe has a plait laid in it from the quarter up along each side of the ankle. The material of the top, which is folded to form the plait, is stitched through the three thicknesses of the plait and connected in the seam, which unites the top with the quarter and vamp, thus insuring a better fit and throwing the plaits at the sides of the ankle, where the plait interferes least with the movement of the ankle-joint, the material entering into the plait in a measure acting as a brace for the ankle, which would not be the case, nor would the shoe be as easy, if the plaits were at the rear of the ankle, or if they were made, as heretofore, of gore or triangular pieces, in which the fold crosses just below or across the ankle.

Figure 1 represents in side elevation a shoe embodying my invention; Fig. 2, a top view of the ankle portion thereof; Fig. 3, a partial section on the line *x x*; Fig. 4, a partial section on the line *y y*, and Fig. 5 a section on the line *z z*.

The shoe shown in the drawings has a vamp, *a*, quarter *b*, and sole *c*, of usual shape. The top *A* of the shoe, composed of thin leather, preferably kid, cut into the shape shown, and having seams at front and rear or otherwise, as desired, is folded at each side directly opposite the ankle-joint to form vertical plaits, the said plaits showing three thicknesses of material, as at 2 3 4, of equal width throughout or having parallel vertical edges. The dotted vertical lines, Fig. 1, show the line of the forward edge of the plait or the bend therein between the layers 2 3. The three thicknesses of the plait at the lower edge of the plait are joined with the quarter *b* by the row of stitching or seam *d* which unites the top *A* and quarter, thus carrying the

front edge of the plait in front of the ankle-joint, so that the main part of the plait lies on the ankle-joint and serves in a measure as a soft brace for the ankle. The location of the plaits is such as not to interfere in the least with the movement of the ankle. One of the outer layers, 4, of the plait supports the strap *e* and the other the strap-fastening *f*. (Shown as a buckle.) The strap and fastening, when united, keep the top snugly to the ankle. The portion of the foot at the rear of the ankle is usually very tender and feels keenly the pressure of a seam-ridge or welt as the boot is moved in walking.

Lapping the three layers of the plait one over the other for a considerable distance and fastening the said layers into the seam *d* of the quarter affords a most firm connection of top and quarter, and enables me to produce a shoe the top of which affords a large free entrance for the foot; yet the top near the lower ends of the plait may be kept very snug against the instep.

Figs. 3, 4, and 5 are sections on the dotted lines *x x*, *y y*, and *z z*, showing the uniform character of the lap of the material forming the plaits.

I do not broadly claim a shoe having in its top a plait or plaits or a folded gore, as I am aware that shoes and "arctics" have been so made; but the plait has never been located with relation to the ankle and folded and secured to the quarter as herein shown by me.

Instead of the fastening *f*, I may use any other well-known fastening.

I claim—

A shoe the top *A* of which is folded in vertical straight plaits of equal width throughout at each side, directly opposite the ankle-joint, and secured in the seam connecting the top with the quarter and vamp, whereby the plaits are thrown to the sides of the ankle thus interfere least with the movement of the ankle-joint, and are thus made to serve as a brace while at the same time insuring a good fit.

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

JOHN C. DAGGETT.

Witnesses:

JOS. P. LIVERMORE,  
W. H. SIGSTON.