

T. J. GREENWOOD.

BOOTS AND SHOES.

No. 190,753.

Patented May 15, 1877.

Fig. 1.

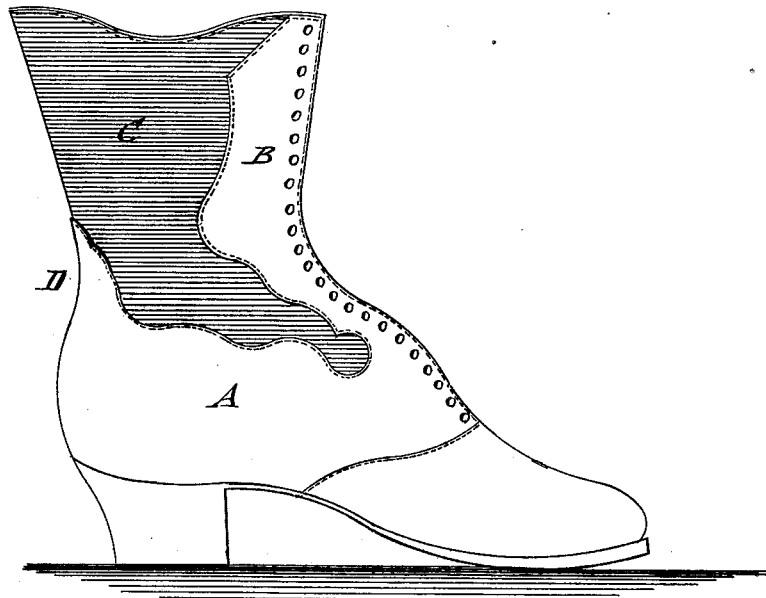


Fig. 2.

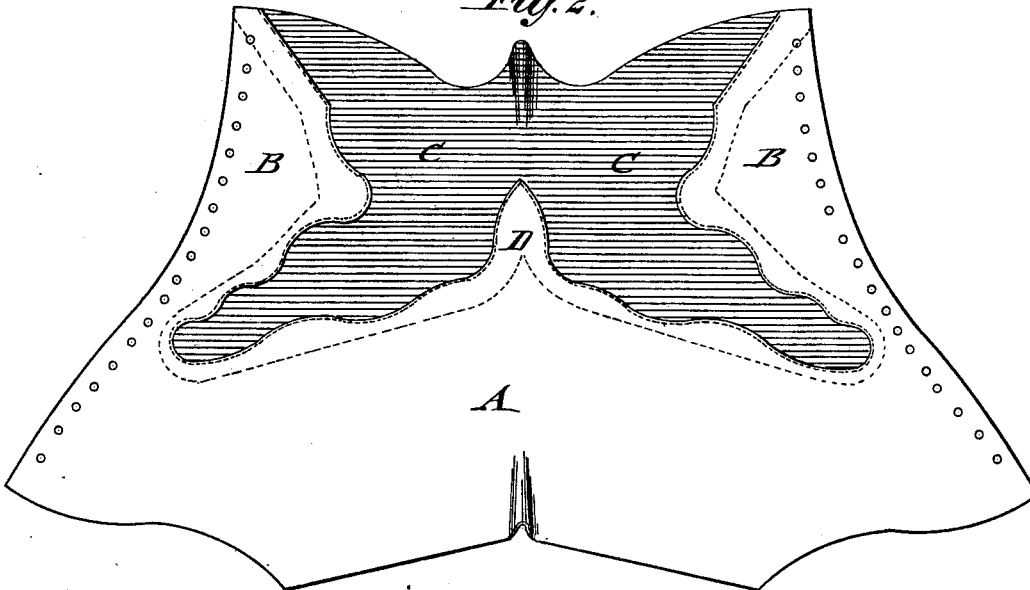


Fig. 3.

WITNESSES:
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BY
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UNITED STATES PATENT OFFICE.

THOMAS J. GREENWOOD, OF WARREN, ILLINOIS, ASSIGNOR TO HIMSELF
AND THOMAS D. THORNTON, OF SAME PLACE.

IMPROVEMENT IN BOOTS AND SHOES.

Specification forming part of Letters Patent No. **190,753**, dated May 15, 1877; application filed
March 24, 1877.

To all whom it may concern:

Be it known that I, THOMAS J. GREENWOOD, of Warren, in the county of Jo Daviess and State of Illinois, have invented a new and Improved Shoe, of which the following is a specification:

In the accompanying drawing, Figure 1 represents a side elevation of my improved shoe; Fig. 2, a top view of the quarter and top quarter as spread and connected, and Fig. 3 is a top view of the blank from which the quarter is cut.

Similar letters of reference indicate corresponding parts.

The invention is intended to furnish an improved seamless-back shoe that is of superior and cheaper construction than the common styles of shoes, makes a nice fit, and produces a considerable saving of material and labor, the construction being adapted to all kinds of shoes and to any kind of vamp.

The invention consists of an improved quarter, which is cut of one piece or blank of leather, along a center line and symmetrical curved side lines, and with holes near the highest point of the instep, to produce front sections and back tongue. The front sections are spread or sprung forward, and a top quarter of corresponding shape is placed between the same and stitched to the edge of the quarter.

In the drawing, A represents the quarter, and C the top quarter, of my improved seamless-back shoe. The quarter A is made from a continuous piece of leather or blank of the shape shown in Fig. 3, by cutting first along the center line *a*, from the upper end downward; then, preferably, in curved wave lines *b*, symmetrically from the center line toward the sides, where circular holes *d* are cut, as shown in Fig. 3.

The cutting of the blank along the lines *a*

b produces symmetrical front pieces B and a central back tongue, D, while the holes *d*, which are cut near the highest point of the instep, admit the spreading or springing forward of the front section B of the quarter into the required position, (shown in Fig. 2,) so as to admit the introduction of the top quarter C, that is cut of one piece, and of the shape shown in dotted lines in Fig. 2, and stitched on to the edges of the spread section B and cut portion A of the quarter.

In this manner a shoe with seamless back is produced that may be made with any style of top quarter or vamp, forming an elegant, nicely-fitting, durable, and comfortable shoe.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. A seamless-back shoe made of a quarter, A, having symmetrical front sections B, spread or sprung forward, and a back tongue, D, all of one piece, in connection with a correspondingly-shaped top quarter, C, stitched thereto, substantially in the manner set forth.

2. A quarter for seamless-back shoes, cut from a continuous blank on the lines *a b*, as shown and described, and with holes *d*, to form symmetrical front sections that may be spread or sprung out from points near the highest part of the instep, substantially as specified.

3. A quarter for seamless-back shoes, cut from one continuous blank along the lines *a b*, as shown and described, and with holes *d*, to form symmetrical front sections, and an upwardly-extending back tongue, substantially as described.

THOMAS J. GREENWOOD.

Witnesses:

JAMES E. HICKS,
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