(No Model.)

W. T. MARTIN.

BOOT OR SHOE.

No. 351,187. Patented Oct. 19, 1886.

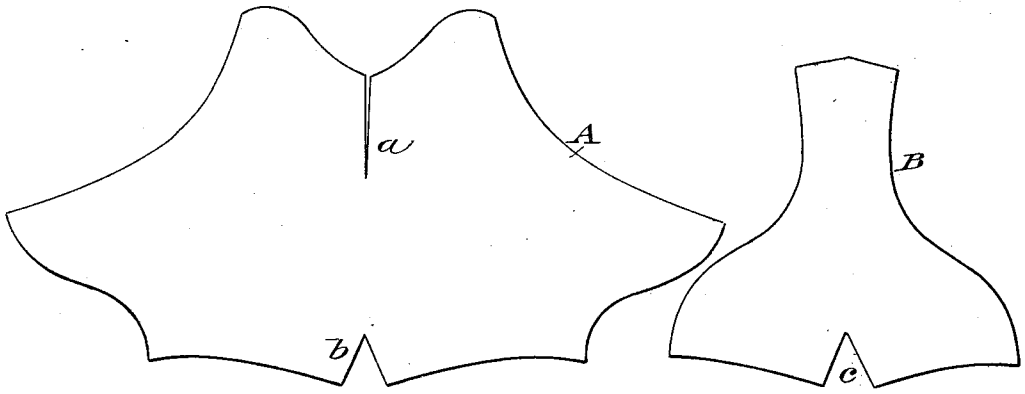


Fig. 1.

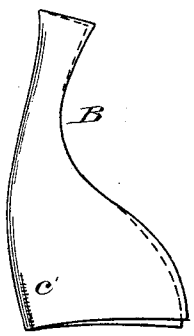


Fig. 2.

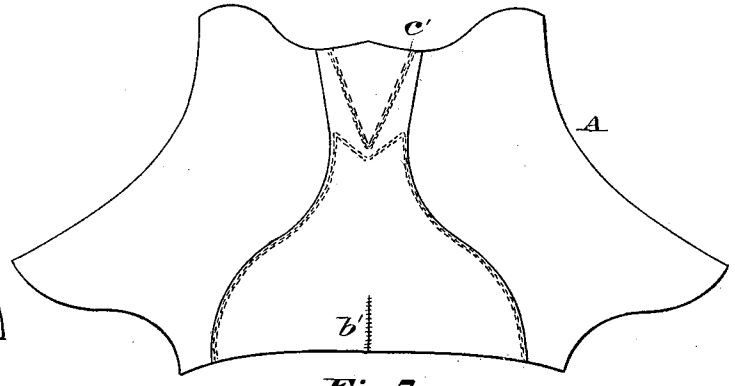


Fig. 3.

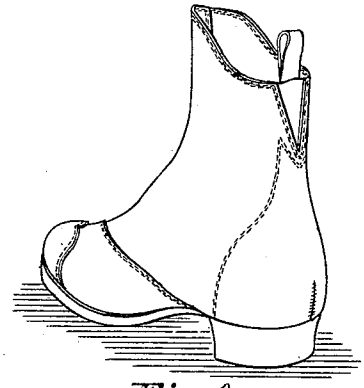


Fig. 4.

Witnesses:
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UNITED STATES PATENT OFFICE.

WALTER T. MARTIN, OF DANVERS, MASSACHUSETTS.

BOOT OR SHOE.

SPECIFICATION forming part of Letters Patent No. 351,187, dated October 19, 1886.

Application filed September 26, 1884. Renewed May 6, 1885. Serial No. 164,601. (No model.)

To all whom it may concern:

Be it known that I, WALTER T. MARTIN, of Danvers, Massachusetts, have invented a new and useful Improvement in Boots and Shoes, of which the following is a specification.

The two quarters are cut together in one piece, thus doing away with the seam usually formed at the rear of the boot or shoe by stitching the quarters together. They are shaped to the rear contour of the last in part by cutting out of the piece containing them, at the middle of the lower edge or bottom thereof, a V-shaped piece, and then stitching together the two sides of the V-shaped opening thus made, and in part by cutting a slit at the middle of the upper edge and inserting in said slit a separate piece flaring toward the top. Additional strength is given to the boot or shoe by making this piece thus flaring at the top long enough to extend to the lower edge or bottom of the shoe, so that it becomes or performs the office of a stay. It is made to conform to the rear contour of the last, as is the piece containing the quarters, by cutting out a V-shaped piece and sewing up the opening. The stay thus made is substantially the same stay which is described and claimed as my invention in another application for a patent filed herewith. Accordingly it is not claimed herein except as applied to a boot or shoe in which the quarters are cut in one piece.

In the accompanying drawings I show, at Figure 1, a piece containing the two quarters and having the V-shaped opening and slit above described, and also a stay having the V-shaped opening. At Fig. 2 I show the stay with the V-shaped opening sewed up. At Fig. 3 I show the stay stitched to the inside or unfinished side of the piece containing the quarters. Fig. 4 is a view of a boot embodying the invention.

A is the piece containing the quarters. B is the stay. *a* is the slit at the top and middle of the piece containing the quarters. *b* is the V-shaped opening at the bottom of said piece, and *c* is the V-shaped opening at the bottom of the stay.

The seam formed by sewing up the V-shaped opening *b* is marked *b'*, and the seam formed by sewing up the V-shaped opening *c* is marked *c'*.

It will be observed that the stay B is upon the inside of the boot, and that the upper part of the stay fills the slit *a*, cut in the top of the piece containing the quarters, and that the seam *c'*, formed by sewing up the V-shaped opening therein, coincides with the seam *b'*, formed by sewing up the V-shaped opening in the piece containing the quarters. These seams are in a stiff part of the shoe and do not interfere with the flexibility of the shoe.

The stay might be applied to the outside of the shoe without departing from my invention.

I claim—

1. A boot or shoe having its quarters cut in one piece and spread or shaped at the top by a slit and flaring piece inserted therein, and contracted or shaped at the bottom by a V-shaped cut sewed up, substantially as described.

2. A boot or shoe having its quarters cut in one piece and spread to shape at the top by a slit and flaring piece inserted therein, and contracted to shape at the bottom by a V-shaped cut sewed up, the said flaring piece extending from the top to the bottom of the boot or shoe, and being in like manner contracted at the bottom by a V-shaped cut sewed up, all substantially as described.

WALTER T. MARTIN.

Witnesses:
W. W. SWAN,
WM. S. ROGERS.