(No Model.)

T. NALLY.

BOOT OR SHOE UPPER.

No. 325,561. Patented Sept. 1, 1885.

Fig. 1.

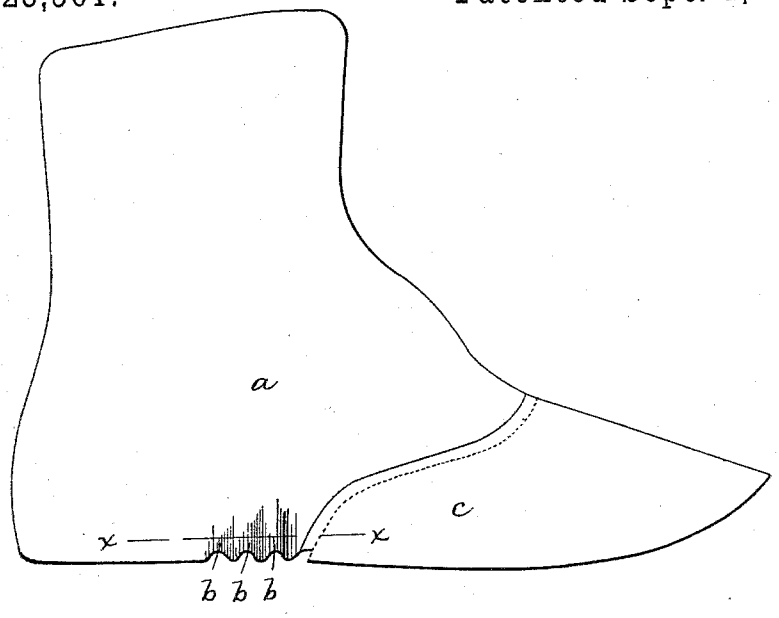


Fig. 2.

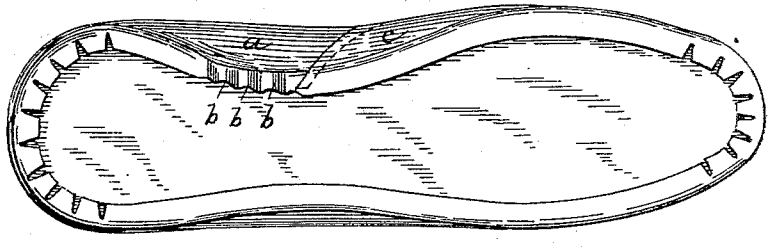
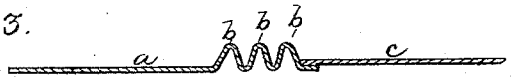


Fig. 3.



Witnesses.
H. Brown,
Chas. E. O'Connor

Inventor
Thomas Nally
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N. PETERS. Photo-Lithographer. Washington, D. C.

UNITED STATES PATENT OFFICE.

THOMAS NALLY, OF LYNN, MASSACHUSETTS.

BOOT OR SHOE UPPER.

SPECIFICATION forming part of Letters Patent No. 325,561, dated September 1, 1885.

Application filed June 23, 1885. (No model.)

To all whom it may concern:

Be it known that I, THOMAS NALLY, of Lynn, in the county of Essex and State of Massachusetts, have invented certain new and useful Improvements in Boot or Shoe Uppers, of which the following is a specification.

This invention relates to boots and shoes the uppers of which are composed of two quarters and a vamp, the vamp being stitched to the forward edges of the quarters; and it consists in a boot or shoe of this class the inside quarter of which is crimped or corrugated at that part of its edge which is drawn inwardly over the re-entrant curve at the inner side of the last, the corrugations being just back of the edge that is stitched to the vamp, so that one of said corrugations serves as a gage to prevent the rear end or corner of the vamp from slipping too far over upon the quarter during the process of stitching the vamp to the quarter, the object of the improvement being both to prevent the vamp from overlapping the quarter too far and to give the inside quarter the necessary fullness at its lower edge required to enable it to be drawn into the inside curve of the last and over the bottom thereof during the lasting process, as I will now proceed to describe.

Of the accompanying drawings, forming a part of this specification, Figure 1 represents a side view of a boot-upper provided with my improvement. Fig. 2 represents a bottom view of the same in position on the last. Fig. 3 represents a section on line *x x*, Fig. 1. The same letters of reference indicate the same parts in all the figures.

In carrying out my invention I crimp or corrugate the lower edge of the inside quarter, *a*, making by preference two or more corrugations, *b b*, by suitably-formed crimping-jaws, the forward corrugation being at such a distance from the edge of the quarter that it is overlapped by the vamp *c*, so that it serves as a stop or gage which prevents the rear edge or corner of the vamp from creeping too far onto the inside quarter during the operation of stitching the two parts together. Unless considerable care is exercised by the stitcher, the rear edge of the vamp is liable to thus creep over onto the quarter, and when this occurs the upper has not sufficient fullness at its lower edge to permit it to be drawn properly into the inside curve of the last and over upon the bottom thereof.

Another important advantage resulting from the crimping or corrugating of the quarter is, that it draws back the forward edge to which the vamp is stitched, so that when the vamp and quarter are stitched together the fullness required to enable the upper to be drawn into the inside curve of the last and over upon the bottom thereof in lasting is entirely or mainly in the quarter back of the seam and double thickness caused by the union of the vamp and quarter; hence the operation of fitting the upper to the inner side of the last is more easily performed than with the upper as ordinarily made without the crimped inside quarter, and the upper is more perfectly fitted, thus giving the boot or shoe a neater and more desirable appearance at its inner side. When the ordinary quarter is used, the required fullness is located partly in the vamp, so that the stiff seam resulting from the overlapping and stitching together of the vamp and quarter has to be pulled inwardly in fitting the upper to the last, and the lasting operation is therefore more difficult than when my improved quarter is employed.

It will be understood that either quarter may be provided with corrugations in the manner described. The corrugations are drawn over the bottom of the last, and are covered by the outer sole of the completed boot.

My invention is mainly applicable to ladies' and misses' button or lace boots, but may be applied to other kinds of boots and to low-cut shoes.

I am aware that quarters have been cut and stitched to a vamp so that a fullness resulted at the lower end of the seam in the upper formed, in order that that portion of the upper could be turned down upon the last without danger of splitting or unduly stretching the leather; but I am not aware that before my invention a quarter was crimped or corrugated, as herein described, before stitching to the vamp for the purposes set forth.

I claim—

A quarter for a boot or shoe upper provided with corrugations at that portion of its edge which is drawn inwardly over the reentrant curve at the under side of the last, as shown and described, for the purposes set forth.

In testimony whereof I have signed my name to this specification, in the presence of two subscribing witnesses, this 18th day of June, 1885.

THOMAS NALLY.

Witnesses:
JOSEPH F. HANNAN,
C. F. BROWN.