(No Model.)

A. SEAVER.

ATTACHING OUTER SOLES TO BOOTS OR SHOES.

No. 342,711. Patented May 25, 1886.

Fig. 1.

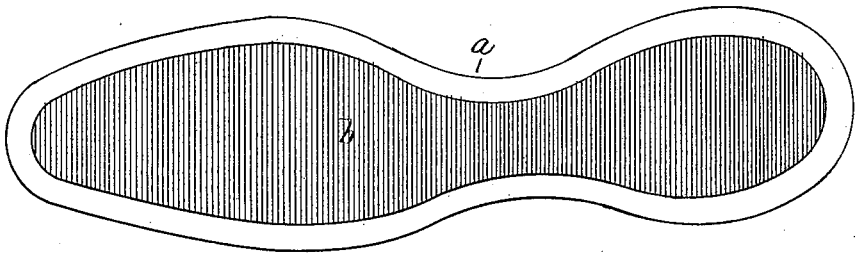
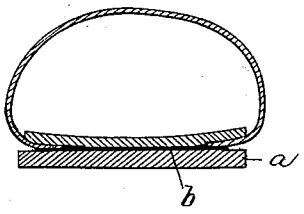


Fig. 2.



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UNITED STATES PATENT OFFICE.

AUGUSTUS SEAVER, OF BOSTON, MASSACHUSETTS.

ATTACHING OUTER SOLES TO BOOTS OR SHOES.

SPECIFICATION forming part of Letters Patent No. 342,711, dated May 25, 1886.

Application filed September 21, 1885. Serial No. 177,653. (No model.)

To all whom it may concern:

Be it known that I, AUGUSTUS SEAVER, of Boston, in the county of Suffolk and State of Massachusetts, have invented certain new and useful Improvements in Attaching Outer Soles, of which the following is a specification.

This invention relates to the operation of temporarily securing the outer sole to a lasted boot and shoe upper and inner sole by cement applied to the inner surface of the outer sole preparatory to permanently securing it by the usual fastenings.

The invention consists in so applying the cement to the outer sole as to leave a marginal portion of its inner surface free from the cement, so that when the outer sole is pressed against the inner sole and upper the cement will not besmear the exposed portion of the upper nor the outer edge of the sole and that portion of its inner or upper surface that projects outside of the upper in the completed boot or shoe. The cement employed is composed in part of gutta-percha, and adheres very closely, so that, when spread on the exposed portions of the upper and the portions of the outer sole that are to be burnished, it leaves a permanent stain or discoloration, prevents the leather from being burnished, and gums the burnishing-tool.

Much difficulty has been experienced in keeping the cement away from the exposed portions of the upper and outer sole during the operation of temporarily securing the latter, the cement being liable to be spread outwardly along the surface of the outer sole, and thus get upon the exposed portions of the upper and outer sole. By my improvement, however, this difficulty is obviated, as I will now proceed to describe.

Of the accompanying drawings, forming a part of this specification, Figure 1 represents a view of the inner surface of an outer sole prepared for attachment to the inner sole and upper. Fig. 2 represents a transverse section of a boot or shoe with the outer sole applied.

The same letters of reference indicate the same parts in all the figures.

In carrying out my invention I apply to the inner surface of an outer sole, *a*, a coating, *b*, of cement, said coating being applied to the central portion only of the sole, leaving a portion of the inner surface at the margin of the sole free from cement, as shown in Fig. 1. The coating *b* is of sufficient area to cover or nearly cover those portions of the upper and inner sole which are in actual contact with the outer sole when the latter is applied, the projecting or exposed portions of the applied sole having no cement. The cement is not liable, therefore, to exude sufficiently to besmear the upper and the exposed portions of the sole, and all difficulty from this cause is avoided. The cement is preferably applied by a suitably-formed roll.

I claim—

That improvement in the art of applying the outsole to a lasted boot or shoe by means of cement preparatory to receiving permanent fastening, which consists in coating the outer sole on a portion of its inner contacting surface only, so that when the sole is applied the outer upper and that portion of the upper surface of the sole outside of the upper, as well also as the outer edge of the sole, will be substantially free from the cement, all as set forth.

In testimony whereof I have signed my name to this specification, in the presence of two subscribing witnesses, this 19th day of September, 1885.

AUGUSTUS SEAVER.

Witnesses:
C. F. BROWN,
H. BROWN.