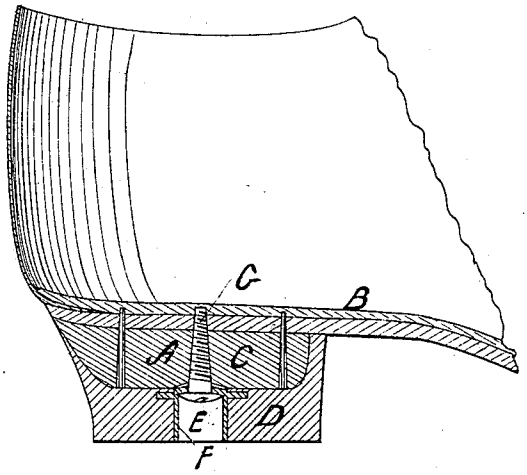
(No Model.)

E. S. MOULTON.

BOOT OR SHOE HEEL.

No. 256,848. Patented Apr. 25, 1882.

Fig. 1.



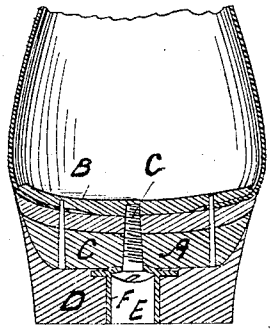


Fig. 2.

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UNITED STATES PATENT OFFICE.

ERI S. MOULTON, OF CHELSEA, MASSACHUSETTS, ASSIGNOR TO HIMSELF AND JOHN B. TIERNAN, OF SAME PLACE.

BOOT OR SHOE HEEL.

SPECIFICATION forming part of Letters Patent No. 256,848, dated April 25, 1882.

Application filed August 29, 1881. (No model.)

To all whom it may concern:

Be it known that I, ERI S. MOULTON, of Chelsea, in the county of Suffolk and State of Massachusetts, have invented certain new and useful Improvements in Boot and Shoe Heels, of which the following is a full, clear, and exact description.

This improved heel is made in two parts, one attached by nailing or otherwise directly to the sole of the boot or shoe at the heel, and the other shaped to fit all sides of the so-attached part and to cover the bottom thereof, and adapted for a screw or other suitable fastening device to be passed through its thickness and entered into the heel part attached to the boot or shoe sole, all substantially as hereinafter described.

In the accompanying plate of drawings, Figure 1 is a central longitudinal vertical section of a shoe at its heel having a heel of my improved construction applied thereto; Fig. 2, a transverse section.

In the drawings, A represents the heel of a shoe, and B a portion of the sole of the shoe. The heel is made in two parts, C D. The part C is made of wood, leather, papier-maché, or other suitable material, and its size and dimensions in all directions are less than that which the whole heel, when finished, is to have. This heel part C is attached to the sole B by nails or screws or other suitable fastening devices, and it is covered and inclosed on all its surfaces—bottom, front, back, and sides—by the part D, which is made of suitable shape therefor, and also exteriorly shaped in accordance with the usual exterior shapes of boot and shoe heels and to meet the upper of the boot or shoe. This outer part of the heel may be molded of rubber in any of its vulcanizable compounds, or of other material which is suitable, and it has a hole, E, through its center, preferably bushed, as shown at F, for the passage of a screw, G, which screw is entered and screwed into the heel part C, attached directly to the sole of the shoe. This hole E, after the screw is inserted, may be closed up in any suitable manner—as, for instance, with a stopper of cork or wood—and the treading-surface of the heel, if made of rubber, may have emery or other gritty substance incorporated with it to increase its wearing qualities.

A heel made in parts, as described, enables its wearing part to be removed when worn and a new part substituted for it with great readiness and comparatively little expense. Again, as the outer part entirely surrounds the inner part, it is held firmly and securely against turning or moving upon the inner part.

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

1. A boot or shoe heel composed of the inner part, C, adapted to be permanently secured to the sole, and the outer part, D, recessed to receive the inner part and entirely surround the sides and bottom of the same, substantially as described.

2. The combination, with the boot or shoe sole, of the heel composed of the inner part, C, permanently secured to the sole, the outer part, D, formed with a recess which receives the said inner part, the outer part fitting and inclosing the sides and bottom of the inner part and being secured by a screw, G, substantially as described.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

E. S. MOULTON.

Witnesses:

EDWIN W. BROWN,

WM. S. BELLOWS.