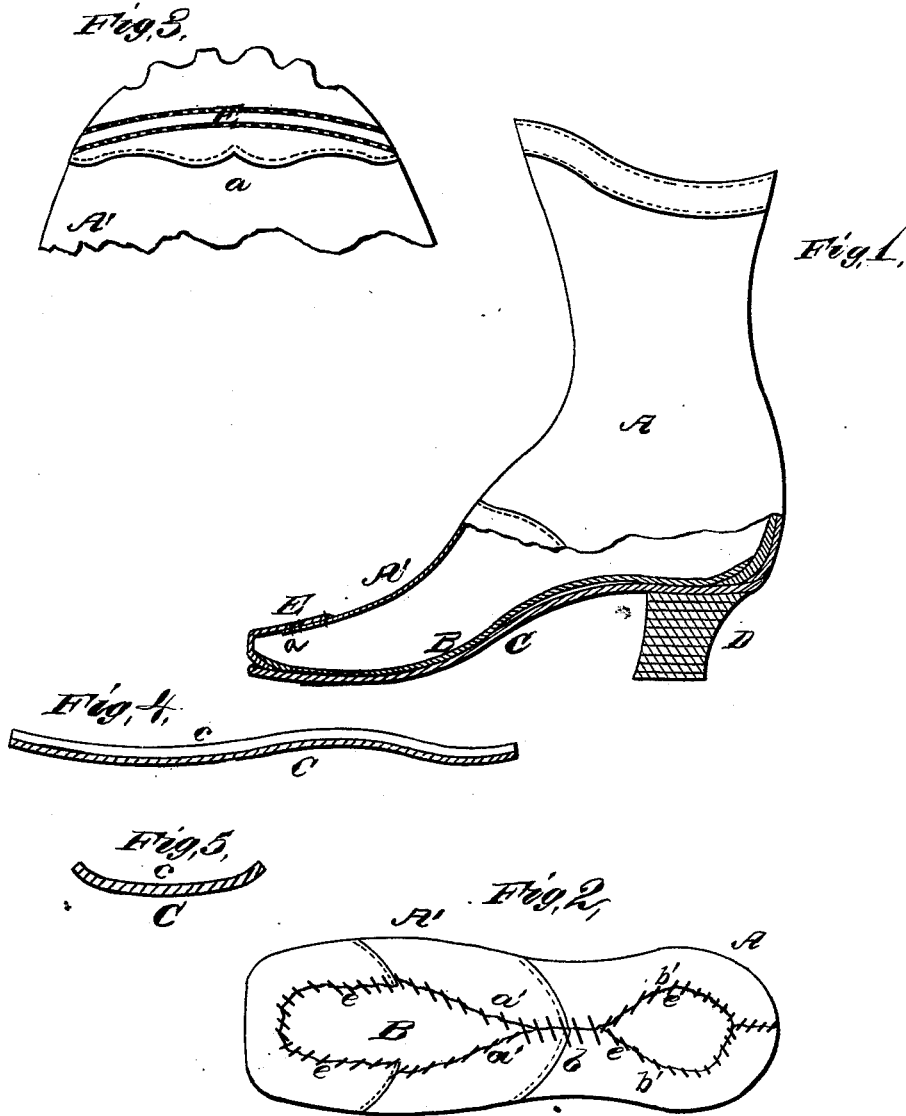


H. WHITE.
BOOTS AND SHOES.

No. 190,655.

Patented May 8, 1877.



WITNESSES
A. Bates
George C. Upshaw.

INVENTOR
Hugh White.
Gilmore, Smith & Co.
ATTORNEYS.

UNITED STATES PATENT OFFICE.

HUGH WHITE, OF CHICAGO, ILLINOIS, ASSIGNOR OF PART OF HIS RIGHT TO CHARLES H. FARGO, JOHN BENHAM, CHARLES E. FARGO, AND SAMUEL M. FARGO, OF SAME PLACE.

IMPROVEMENT IN BOOTS AND SHOES.

Specification forming part of Letters Patent No. 190,655, dated May 8, 1877; application filed August 5, 1876.

To all whom it may concern:

Be it known that I, HUGH WHITE, of Chicago, in the county of Cook and State of Illinois, have invented a new and valuable Improvement in Shoes; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a front elevation of my shoe, part sectional, and Fig. 2 a bottom view without the sole. Figs. 3, 4, and 5 are detail views of the same.

This invention has relation to the manufacture of boots and shoes having a tip which performs both the function of the ordinary tip and what is known in the trade as a half box-toe; and it consists in shortening the vamp and attaching a skived sole-leather tip thereto, making a continuation of the vamp, said sole-leather tip forming, in connection with an upturned inner sole, a half box-toe in the completed shoe, as will be hereinafter more fully set forth.

In the accompanying drawings, A designates the quarters, and A' the vamp, of a shoe; B, the insole; C, the outer sole; D, the heel, and E the skived sole-leather tip.

The vamp A' terminates at its forward end or toe at *a*, thereby making it much shorter than those in general use. At or near this point *a* is sewed the skived sole-leather tip E, so that the tip is practically a continuation of said vamp.

The shape of the skived sole-leather tip, which forms the half box, and also the stitches which fasten it to said vamp, are shown in Fig. 3.

Channels are formed in the upper surface of the sole-leather tip to receive the stitches and protect them from wear.

This skived sole-leather tip is hammered into shape when wet, and when dry retains its shape.

The quarters, vamp, and tip, with lining having been secured, are put upon a last. The lower edge *g* of the skived sole-leather tip is bent around and under the toe of the last and over the end of the upwardly-turned insole B, and the edges *a'* and *b'* of the vamp and quarters lap on said insole. The form then assumed by the overlapping part of the skived sole-leather tip is shown in Fig. 2 of the drawings. Said tip is then sewed to the insole and to the lapping edges *a'* of the vamp by means of stitches *e*, and the lapping edges *a'* are brought together under the shank *b* of the insole and the lapping edges *b'* of the quarters under the rear part of the heel of the insole and there stitched. The sole C is then sewed or pegged after the usual manner.

The sole C is hollowed or recessed on its upper surface at *c*, as shown in Figs. 4 and 5, so as to prevent the stitches *e* from being worn unnecessarily.

The skived sole-leather tip E in my invention performs the function of a combined tip and half box, and is made from one and the same piece of leather with the following advantages:

First, durability, as the sole-leather with its thick body and burnished surface, will out-wear any kind of upper leather.

Second, saving in upper leather, as the vamp ends where the outside box-toe begins.

What I claim as my invention is—

A boot or shoe having a shortened vamp and upwardly-turned inner sole, in combination with the sole-leather tip E united thereto, as described, said tip E being made of a single piece of sole-leather and adapted to perform the function of both a protector and box-toe, substantially as set forth.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

HUGH WHITE.

Witnesses:

JOHN HAYES,
DOUG. M. JENKINS,
FRANK P. BERRY.

750