

F. ASHLEY.
BOOT AND SHOE SOLE.

No. 66,548.

Patented July 9, 1867.

Fig. 1.

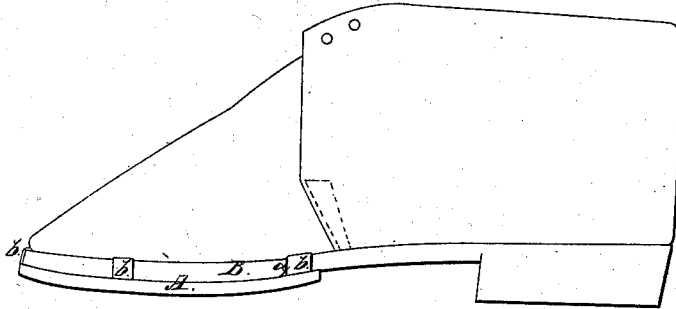


Fig. 2.

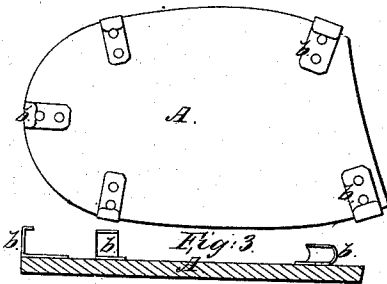


Fig. 3.



Fig. 4.

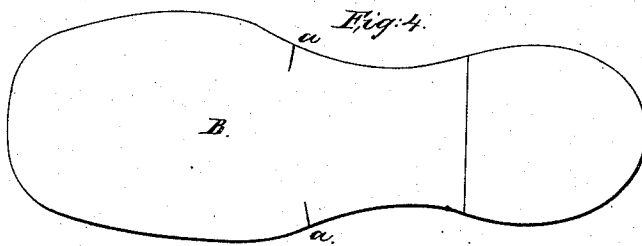


Fig. 5.

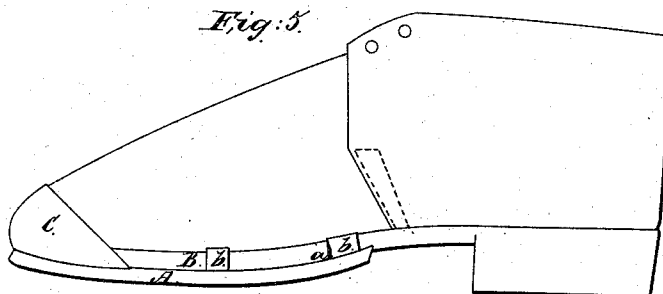
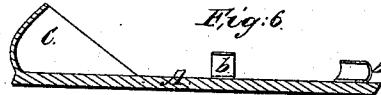


Fig. 6.



Witnesses:

J. M. Combs
G. W. Reed

Inventor:

Fred. Ashley

United States Patent Office.

FREDERICK ASHLEY, OF NEW YORK, N. Y.

Letters Patent No. 66,548, dated July 9, 1867.

IMPROVEMENT IN BOOT AND SHOE-SOLES.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, FREDERICK ASHLEY, of No. 5 Allen street, in the city, county, and State of New York, have invented a certain new and useful Improvement on Independent Outer Boot and Shoe-Soles, of which the following is a full, clear, and exact description, reference being had to the accompanying drawing, forming part of this specification, and in which—

Figure 1 represents a boot, having my invention applied to it as constructed according to one modification.

Figure 2, a plan from the inside of the independent sole with its fastenings, according to the construction shown in fig. 1.

Figure 3, a vertical longitudinal section thereof, and

Figure 4 an inverted plan of the boot-sole proper.

Figure 5 represents a boot with a combined independent sole and toe-tip applied to it, according to my improvement, and

Figure 6 a vertical longitudinal section of the same detached from the boot.

Similar letters indicate corresponding parts throughout the several figures.

My improvement has reference to independent outer half-soles, or treads, readily attachable to and detachable from the boot or shoe at pleasure, or as wear may require, in contradistinction to a permanent fixture of the same; and the nature of my invention consists in constructing said sole with clasps or other equivalent fastenings, arranged to grip the sole proper of the boot or shoe, and so that said independent sole may be secured thereto free from any direct connection with the heel.

Here it may be remarked that this invention is in no way restricted to the employment of any particular material in the construction of said independent sole, which may either be rubber, leather, or any other suitable material or composition, and the same remark applies to the toe-tip when combined with such outer sole, and which tip may, if preferred, be of metal.

In the following description, reference will first be made to figs. 1, 2, 3, and 4, wherein A is the independent outer sole, which may either be extended clean up to the heel of the boot, or only be made to face or cover the front or tread portion thereof. In the latter, or it may be in either case, I prefer to cut steps or notches *a a* on opposite sides in the sole proper B of the boot, for giving to the independent sole a back grip or lock, as will be hereinafter explained. Attached to or incorporated with the independent sole A in any appropriate manner, around the edges thereof, are metal or other suitable clasps or fastenings *b*, constructed so as to grip on or lap over the boot-sole B, for which purpose they may be formed as represented in fig. 3, and be arranged or divided so as to constitute a series of clasps both at the toe and sides, or be constructed or extended so as to form long single clasps at the sides, or a toe-clasp in front extending round or covering the toe part of the boot-sole. As fastenings, in fact, these clasps *b* may be variously shaped or constructed to grip on the boot-sole for the purpose of making readily attachable or detachable the outer sole with which they are united. Where said fastenings are divided, as represented in the drawing, then the rear ones may, on putting on the outer sole, be made to serve as hold-fasts in a contrary direction to the toe, by causing their front edges to bear against the steps or notches *a a* in the boot-sole, thus establishing a lock, front and rear, as well as at the sides to and on the boot-sole, and which, if the independent sole be made of an elastic material, as rubber, for instance, will, by slightly stretching said sole in putting it on, form a tight grip of it on to the boot-sole, yet affording every facility for detaching it by first unhooking from its grip the rear end of the independent sole or rear clasps thereof.

It has been stated that the front clasp or hold-fast might be extended to cover the toe of the boot-sole, but this may be differently arranged by making the front hold-fast a regular toe-tip, C, as represented in figs. 5 and 6 of the drawing, thus combining that device with an independent outer sole or tread, attachable by gripping on the boot-sole by clasps or fastenings, as described. In this case the tip C may either be of the same material as the sole to which it is united or forms part, or it may be of any other material, simple or compound, including copper or other metal. This construction of my improvement will be found very serviceable in children's boots and shoes, but is also applicable to larger ones, including those for adults.

The many advantages of an independent outer sole or part sole, thus readily attachable and detachable,

=need scarcely be commented on here. Whether as permanent attachments till worn out, to the economy of the boot-sole, or as only temporary contrivances, attachable and detachable at pleasure, to suit "in or out-doors," snowy or other weather, such independent outer soles will be found desirable acquisitions, and, applied as described, by no means unsightly or liable to get loose or out of order.

What I claim herein as new and useful, and desire to secure by Letters Patent, is—

The method of securing the rear end of the detachable half-sole by clamps arranged in relation to the notches *a* substantially as set forth.

FRED'K ASHLEY.

Witnesses:

A. LE CLERC,

J. W. COOMBS.