

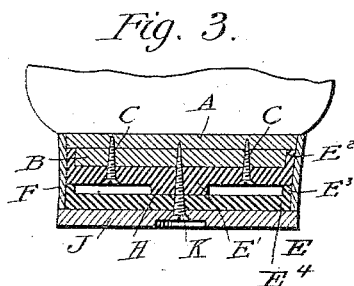
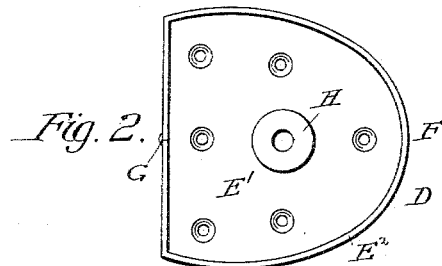
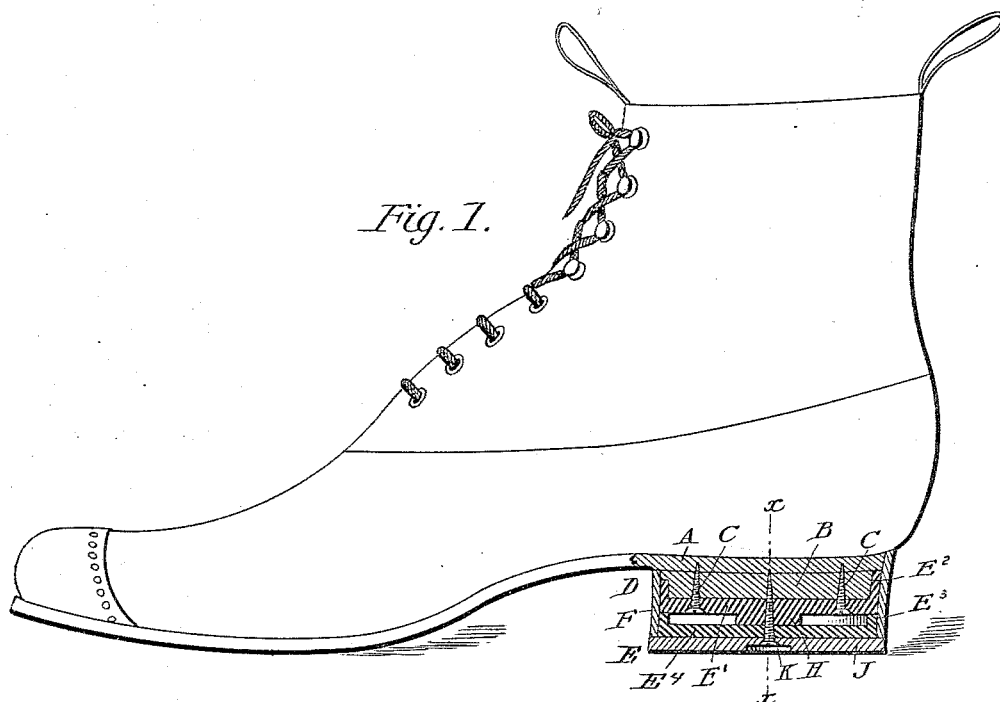
(No Model.)

A. FARINA.

SHOE HEEL.

No. 381,686.

Patented Apr. 24, 1888.



WITNESSES:

J. H. Clark.  
C. Sedgwick.

INVENTOR:

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*Munn & Co*  
ATTORNEYS.

# UNITED STATES PATENT OFFICE.

ANTONINUS FARINA, OF NEW YORK, N. Y., ASSIGNOR, BY MESNE ASSIGNMENTS, TO PETRINA FARINA, OF SAME PLACE.

## SHOE-HEEL.

SPECIFICATION forming part of Letters Patent No. 381,686, dated April 24, 1888.

Application filed July 7, 1887. Serial No. 243,623. (No model.)

*To all whom it may concern:*

Be it known that I, ANTONINUS FARINA, of the city, county, and State of New York, have invented a certain new and useful Improvement in Heels for Boots and Shoes, of which the following is a specification.

The object of my invention is to provide a heel for boots and shoes which will have the appearance of being made, except for the heel-tap, of a single thickness of leather, while wearing as the ordinary built-up leather heel.

The invention consists of a heel constructed substantially as hereinafter described, and pointed out in the claim.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a side view of a shoe having a heel (shown in section) embodying improvement. Fig. 2 is an inverted plan view of the said heel when the tap is removed. Fig. 3 is a cross-section of the heel on the line *x x*, Fig. 1.

The body D of the heel is preferably made of leather and may be formed of two sections, B and E', the section E' having bordering flange E'', within which the section B is seated, and the section B fitted to the part of the sole forming the base of the heel.

A strip of sole-leather, F, is wrapped around the lateral surface of the heel-body, securely fastened thereto by cement or otherwise, and its extremities G meeting centrally at the front of the heel, joined by sewing, cementing, or pegging, so as to be as inconspicuous as possible.

The wrapped heel-body D is by preference formed apart from the shoe and secured detachably thereto by screws C, the sole-leather strip F being so adjusted and arranged that its upper edge will project upward past the sole A at the sides and rear thereof into contact with the counter, so as to aid in supporting the same while concealing the joints between

the several sections. The strip F is also preferably extended on all sides below the inclosed body, so as to form a sort of heel shaped socket.

The tap E will generally be formed by itself in two sections, J and E', cemented or otherwise fastened together, the outside section, J, being of sole-leather cut to the exact contour of the wrapped heel-body, so as to coincide therewith when in place, as shown, and the inner section, E', of leather or other suitable material, adapted for reception within the socket formed by the wrapping-strip F, so as to keep the tap from shifting laterally on the heel-body.

The section E' of the heel body D may be, if desired, formed with a central boss, H, and the section E' of the tap with a bordering flange, E'', so as to leave an annular space to accommodate the heads of the screws C.

A single central screw, K, inserted from the inside of the shoe or from the outside of the tap, as shown, suffices to hold the tap securely in place, while the latter may be readily removed when worn and another substituted without removing the heel from the shoe.

I claim as new and desire to secure by Letters Patent—

A detachable heel for boots and shoes, consisting of a sectional body, a sole-leather casing surrounding the body, projecting above the sides and back of the same, so as to set up around the sole of the boot or shoe, and projecting below the body equally on all sides to form a socket, and a detachable tap having a reduced part permanently attached thereto and fitted removably to said socket, the periphery of said tap coinciding accurately with that of the leather casing at the lower edge, which is in contact with the tap, substantially as shown and described.

ANTONINUS FARINA.

Witnesses:

W. S. WALKER,  
E. M. CLARK.