

No. 859,291.

PATENTED JULY 9, 1907.

J. GROSSMAN.
BOOT, SHOE, AND OTHER FOOTWEAR.

APPLICATION FILED AUG. 9, 1905.

28 SHEETS—SHEET 1.

Fig. 1.

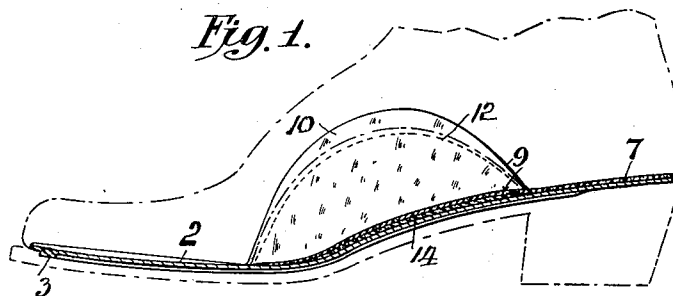


Fig. 2.

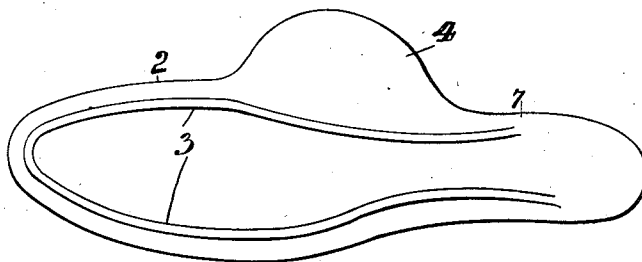


Fig. 3.

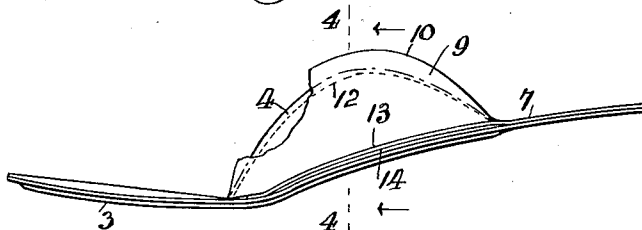
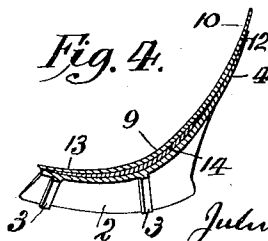


Fig. 4.



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2 SHEETS—SHEET 2.

Fig. 5.

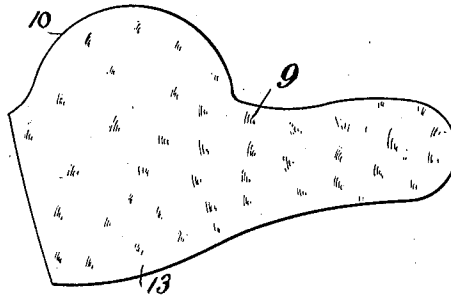


Fig. 6.

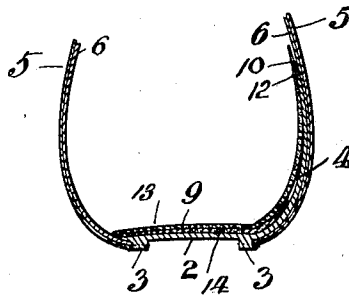
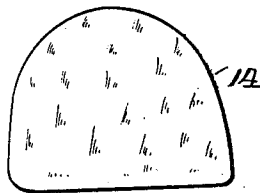


Fig. 7.



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UNITED STATES PATENT OFFICE.

JULIUS GROSSMAN, OF NEW YORK, N. Y.

BOOT, SHOE, AND OTHER FOOTWEAR.

No. 859,291.

Specification of Letters Patent.

Patented July 9, 1907.

Application filed August 9, 1905. Serial No. 273,332.

To all whom it may concern:

Be it known that I, JULIUS GROSSMAN, a citizen of the United States, and a resident of New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Boots, Shoes, and other Footwear, of which the following is a specification.

My invention relates to improvements in boots, shoes, slippers, etc., the object being to provide such construction, on the inside of the shoe, that the main inner sole, and a supplemental insole, and, if desired, packing between the two, will brace and support the instep of the wearer, and prevent sliding of the foot in the shoe, and cause the shoe to maintain its original shape even after the heel has lost its shape by wear.

The invention consists mainly in forming the main inner-sole with an instep support adjacent to the lips or projections and reaching substantially from the heel to the ball of the foot, so that it stands inside of the upper, and inside of the lining of the shoe, free to be held and adjusted in upright position by a supplemental insole or layer fastened to its upper edge.

The invention also consists in the construction, arrangement and combination of the parts all as herein- after described and claimed.

In the accompanying drawings to which reference is made and which form a part of this specification, Figure 1 is a sectional elevation illustrating my invention, the upper, the outer sole, and the heel of the shoe being shown in dotted lines. Fig. 2 is a plan view of the bottom of the main inner-sole. Fig. 3 is an edge view of the main inner-sole, the supplemental insole and the packing between the two. Fig. 4 is a sectional view on the line 4—4 of Fig. 3. Fig. 5 is a plan view of the supplemental insole. Fig. 6 is transverse sectional elevation of the shoe without the outer sole, and Fig. 7 is a plan view of the packing.

In the drawings 2 designates the main insole formed with lips or projections 3 and with the instep brace or support 4. As shown the said insole and instep-support are made of a single piece of leather. The upper 5 and the lining 6 are sewed to the lips or projections 3 in the usual way and outside of the instep support 4 as clearly shown in Fig. 6, so that the said support is free on the inside of the shoe. The instep support extends from the heel portion 7 of the insole approximately to the ball of the foot so as to embrace the inside of the hollow of the foot as illustrated in Fig. 1.

The reference figure, 9 designates the supplemental

insole of leather, felt or other suitable material, preferably of felt to more thoroughly protect the foot. It is by preference in the form shown in Fig. 5 having a side extension 10 which is by preference made wider than the instep-support 4 and is fastened to the upper edge of the latter by stitching 12 or by other suitable means. Between the bottom portion 13 of the supplemental insole and the main insole is placed one or more thicknesses, as the case may require, of packing 14 preferably of felt and properly shaped, as, for example, like that shown in Fig. 7, to build up the inside of the instep to suit the shape of the individual wearer's foot. The said packing when properly arranged and the supplemental insole are to be fastened or secured to the main insole by cement or by other suitable means, so that the supplemental insole by the weight of the person or by the said fastening, will hold the instep-support 4 in proper contact with the foot and retain it in proper upright position.

Having thus described my invention what I claim as new and desire to secure by Letters-Patent is

1. A shoe having a laminated insole portion as a structural part thereof, the inner edge of one of its layers being laterally extended to form an instep support.

2. A shoe having a laminated insole portion as a structural part thereof, one of its layers being provided with a raised flexible instep-supporting inner edge.

3. A shoe having a laminated insole portion as a structural part thereof, one of its layers being formed with an instep-supporting extension projecting outwardly and upwardly from its inner edge at the shank portion thereof.

4. A shoe having a laminated insole as a structural part thereof, the inner edge of one of its layers being laterally extended to form an instep support and also provided with a lip to which the upper is secured.

5. A shoe or other foot wear having a main innersole provided with a lateral instep support, a lip or projection formed on the under surface of said innersole, a lining and upper outside of said instep support and stitched to said lip or projection, a supplemental insole fastened along the outer edge of said instep support and adapted to be secured to the inner surface of the main innersole, substantially as described.

6. A shoe or other foot wear having a main innersole provided with a lateral instep support, a lip or projection formed on the under surface of said innersole, a lining and upper outside of said instep support and stitched to said lip or projection, a supplemental insole fastened along the outer edge of said instep support and overlaying the main innersole and packing interposed between the said innersole and insole, substantially as described.

Witnesses:

JULIUS M. LOWENSTEIN,
CHARLES GROSSMAN.

JULIUS GROSSMAN.