L. CARR.

INSOLE FOR BOOTS AND SHOES.

APPLICATION FILED APR. 16, 1913.

1,111,361. **Patented Sept. 22, 1914.**

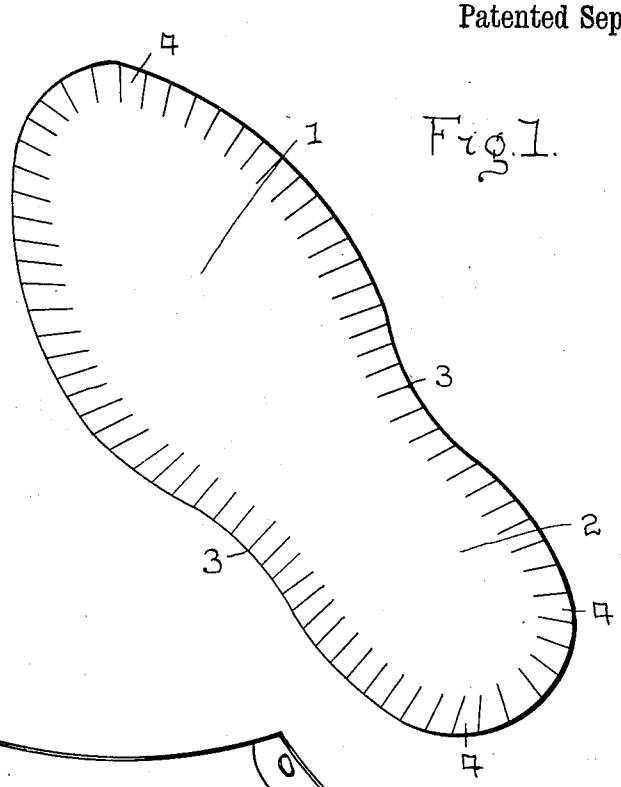
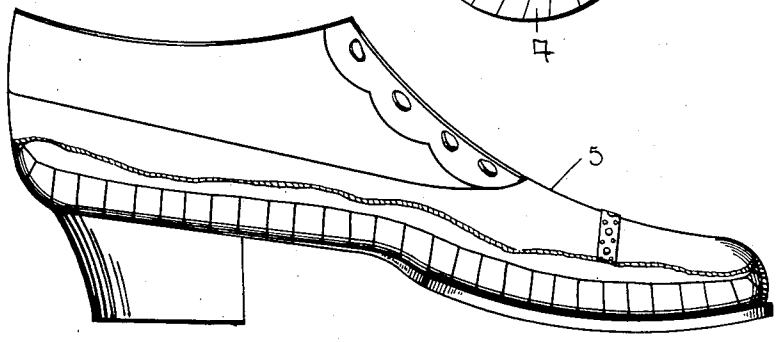


Fig. 1.

Fig. 2.



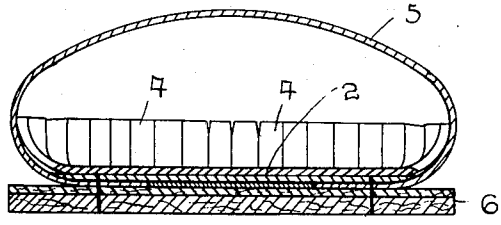


Fig. 3.

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UNITED STATES PATENT OFFICE.

LAURENCE CARR, OF RICHMOND, CALIFORNIA.

INSOLE FOR BOOTS AND SHOES.

1,111,361. Specification of Letters Patent. Patented Sept. 22, 1914.

Application filed April 16, 1913. Serial No. 761,468.

To all whom it may concern:

Be it known that I, LAURENCE CARR, a citizen of the United States, residing at Richmond, in the county of Contra Costa and State of California, have invented certain new and useful Improvements in Insoles for Boots and Shoes; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to certain new and useful improvements in insoles for boots and shoes and it consists primarily in providing an insole formed of impervious and flexible material as isinglass, whereby the foot will be practically insulated from dampness and will be afforded a grateful form of seating.

My invention will therefore be described in detail in the following specification, reference being had to the accompanying drawing, in which, Figure 1 shows preferred form of insole construction. Fig. 2 shows my insole as applied to use within a shoe, and, Fig. 3 is a cross section of a shoe or boot showing my insole disposed therein.

For convenience of reference, the various details and coöperating accessories of my invention will be designated by numerals, the same numeral applying to a corresponding part throughout the several views.

In materializing my invention, I select preferably, a suitable sheet of isinglass and shape the same so that it will fit within the shoe or boot. In some instances, I shape the insole of sufficient size to permit the slitted edge thereof to be curved upward to protect the sides of the foot from moisture and from direct contact with the interior of the shoe, thereby more effectively insulating the foot, as will be obvious from the accompanying drawing, particularly as shown in Figs. 2 and 3.

1 indicates the main or body portion of my insole upon which the forward portion of the foot is designed to rest, while 2 shows the heel portion, said parts being formed integral with each other and as stated, in some instances, a plurality of slits 3 may be formed in the entire edge of the insole inasmuch as said severed sections, as indicated by the numeral 4, are readily bent upward and will lie in contact with the upper of the shoe as indicated in Figs. 2 and 3, thus providing an insulated housing for the lower portion of the shoe, it being understood that in some instances, the plurality of sections 4 may be of proper length to reach upward and curl around the lower half, more or less, of the foot.

By reference to Fig. 3, it will be noted that 5 indicates the upper portion of the shoe, of the usual or any preferred construction, while 6 designates the sole of the shoe to which the upper is secured in the usual manner, my improved form of insulated insole being placed directly in the bottom of the boot or shoe, as stated, and affords a very smooth and grateful form of resting place for the foot, and by reason of the fact that it is formed of isinglass or other impervious material, the foot is kept thoroughly dry at all times. It is also believed that since the isinglass is a non-conducting material the electricity in the body will be greatly conserved by the use of my improved form of insole.

Believing that the advantages and manner of using my invention have thus been made clearly apparent, further description is deemed unnecessary.

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

A removable insole of isinglass for shoes comprising a body portion having a ball section and a heel section, said sections approximating the outline of the interior of the shoe, and a plurality of tongues surrounding the edge portion of said removable insole, said tongues being of an approximately equal length and equal width, and being also approximately twice as deep as broad, said insole being adapted to be removably inserted in the shoe so that said tongues will have a gradual upward curl without creasing so as to exert an outward pressure against the inner faces of the uppers of the shoe, in such manner that no crease will be made in the tongues or body portion of the insole.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

LAURENCE CARR.

Witnesses:
W. E. FLAGG,
D. B. MOORE.