L. E. CUMMINGS.

HEEL CUSHION FOR SHOES.

APPLICATION FILED JUNE 7, 1907.

922,094.

Patented May 18, 1909.

Fig. 1.

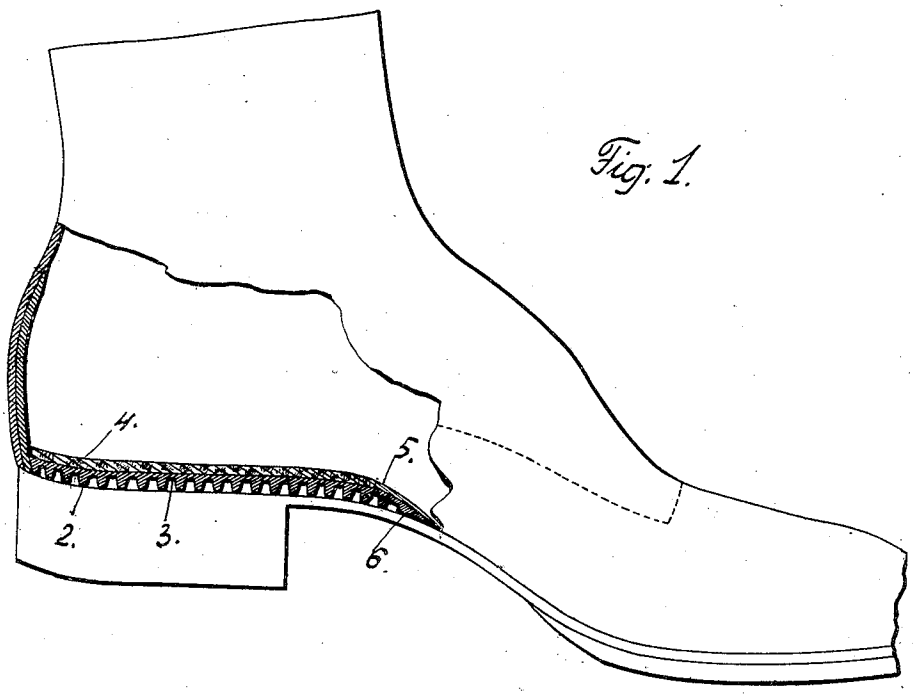
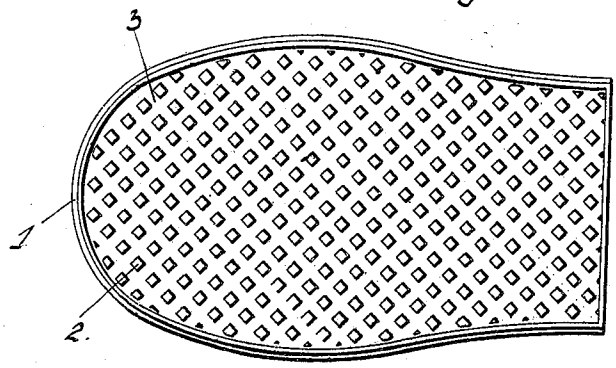


Fig. 2.



WITNESSES:

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HEEL-CUSHION FOR SHOES.

No. 922,094. Specification of Letters Patent. Patented May 18, 1909.

Application filed June 7, 1907. Serial No. 377,697.

To all whom it may concern:

Be it known that I, LELAND E. CUMMINGS, citizen of the United States of America, residing at Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Heel-Cushions for Shoes, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to improvements in heel cushions for shoes, boots and similar footwear, and the invention has for its object to provide a novel heel cushion through which air can circulate, thus ventilating a shoe and providing a soft elastic cushion for the heel.

My invention aims to provide a resilient cushion of rubber or similar material having a corrugated or recessed surface, for allowing air to pass between the cushion and the bottom of a shoe.

The cushion is provided with a covering of non-absorbing material, such as cork, and in its entirety presents a sanitary article that can be easily and quickly placed in position for use.

The detail construction of a heel cushion will be presently described and specifically pointed out in the appended claim.

In the drawing, Figure 1 is an elevation of a shoe partly broken away, illustrating the cushion in position over the heel of the shoe, and Fig. 2 is a bottom plan of the cushion.

The cushion is made of a piece of rubber 1 conforming in shape to the contour of the inner heel part of the shoe sole. The rubber is provided with a plurality of equally spaced teats or lugs 2 providing spaces 3 for the circulation of air beneath the cushion, when placed in a shoe as illustrated in Fig. 1 of the drawing. The lugs 2 are arranged in transverse rows with the lugs of one row alternately disposed with respect to the lugs of an adjacent row.

Suitably secured directly upon the upper face of the cushion and forming a seat for a person's heel is a piece of non-absorbent material 4, preferably cork. The piece of cork conforms in shape to the cushion and has its one edge beveled, as at 5, to meet the beveled edge 6, of the cushion, thereby providing a smooth and uninterrupted surface for a person's foot within a shoe.

Having fully described my invention, what I claim and desire to secure by Letters Patent is:

A heel cushion for shoes comprising a strip of resilient material having its lower face formed with a plurality of independent depending lugs arranged in transverse rows, the lugs of one row alternately disposed with respect to the lugs of an adjacent row and all of said lugs so disposed with respect to each other as to provide a series of diagonally extending channels between the lugs, said channels uninterrupted from end to end, the lugs of each outer row of lugs being of less length than the other rows, said lugs having flat lower ends and gradually decreasing in cross sectional area toward their lower ends, the lugs of the rows between the outer rows of lugs being of the same length, said strip of a length as to extend over approximately half of the arch portion of a shoe and having its forward end beveled with the lower face of said beveled portion smooth, said transverse rows of lugs extending from a point in close proximity to the rear terminus of said strip to a point in close proximity to the said beveled portion at the forward terminus of the strip, and a strip of cork secured directly to the upper face and corresponding in contour to the shape of said resilient strip, said strip of cork having a beveled portion mounted upon the beveled portion of the resilient strip.

In testimony whereof I affix my signature in the presence of two witnesses.

LELAND E. CUMMINGS.

Witnesses:
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