

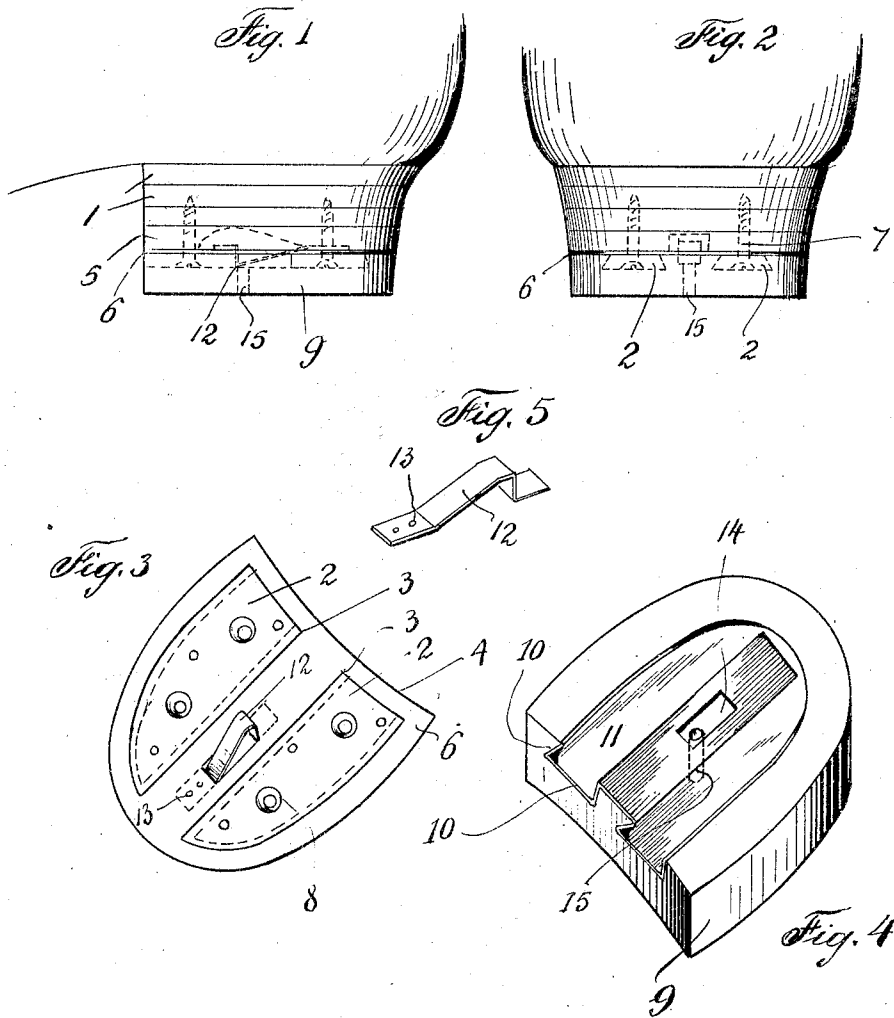
J. MLADEZKI & P. WENK.

RUBBER HEEL.

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UNITED STATES PATENT OFFICE.

JOHAN MLADEZKI AND PETER WENK, OF CHICAGO, ILLINOIS.

RUBBER HEEL.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that we, JOHAN MLADEZKI and PETER WENK, both subjects of the King of Hungary, residing at Chicago, Illinois, have invented certain new and useful Improvements in Rubber Heels, of which the following is a specification.

The essential object of the present invention is to provide a rubber heel for boots and shoes, which can be applied to and removed from the shoe more easily than is possible with rubber heels now in use, and which can be held upon the shoe without the use of nails.

In the drawings Figure 1 is a side elevation and Fig. 2 is a rear elevation of a shoe to which the rubber heel is applied; Fig. 3 is a bottom plan view of the device or devices secured to the bottom lift of the leather part of the heel; Fig. 4 is a top plan or perspective view of the rubber part of the heel; and Fig. 5 is a perspective view of part of the locking means.

The heel is composed of a suitable number of lifts 1 which may be made of leather, wood, or other suitable material. To the bottom lift the members 2 are secured, each of said members being preferably an iron piece which is shaped like a wedge or truncated prism, and both of the members 2 being disposed so that their inner edges 3 are parallel and substantially perpendicular to the breast of the heel. Between said members 2 and the bottom lift 5 is a thin metal plate 6. Screws 7, the heads of which are countersunk at 8 in the members 2, pass through said members 2 and through plate 6 and into the leather lifts 1.

The rubber cushion 9 is provided on its upper surface with recesses 10 into which a metallic plate 11 fits. The plate 11 and the recesses 10 are shaped so as to conform to the shape of the members 2 so that, when the heel is affixed to the shoe, the members 2 will exactly fill the spaces 10.

The spring-like tongue is riveted at 13 to the plate 6 so that said tongue is permitted to project downwardly from the leather part of the heel. The plate 11 is punched or perforated at 14, and when the heel is assem-

bled the spring-like tongue seats within said notch or perforation 14 and locks the rubber cushion in place upon the shoe.

In order to permit the removal of the rubber cushion from the shoe, as is necessary when the cushion becomes worn or misshapen, the cushion is perforated at 15 and an awl or similar tool can be driven through the perforation 15 until it strikes the tongue 12. The tongue can thus be pushed up and out of the notch 14, after which the rubber cushion can easily be removed.

When the device is to be assembled the cushion is forced toward the left in Fig. 1, the members 2 fitting within recesses 10 and pushed toward the left in said Fig. 1 until the tongue 12 seats within the notch 14. This will lock the rubber cushion 9 upon the heel and the cushion will there remain until the tongue is forced out of said notch. When that is done the cushion may be pulled toward the right in Fig. 1 and thus removed from the heel.

Obviously many changes in details of construction may be made without departing from the scope of the invention.

We claim as our invention:

A heel comprising a resilient cushion, the upper surface of which is provided with a pair of substantially parallel wedge-shaped recesses, a metallic plate of such shape as to cover the exposed surface of said recesses and the rib therebetween, a pair of strips upon the bottom of the heel corresponding in size and shape to said recesses and adapted to be received therewithin, and a tongue upon the heel located in the space between said strips and projecting downwardly from said heel, said plate being provided with a perforation and the upper surface of said cushion being provided with a notch within which said tongue is received.

In testimony whereof we have hereunto affixed our names in the presence of two witnesses.

JOHAN MLADEZKI.
PETER WENK.

Witnesses:

ROBT. KLOTZ,
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