A. JENCZYK.

RESILIENT HEEL FOR SHOES.

APPLICATION FILED MAR. 16, 1911.

1,039,409.

Patented Sept. 24, 1912.

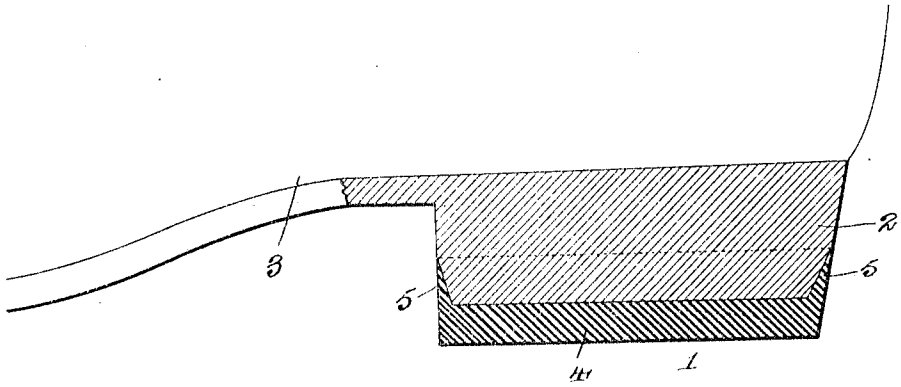

Fig. 1.

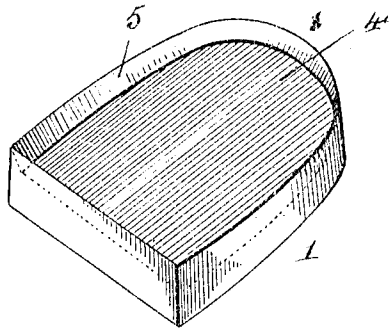

Fig. 2.

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UNITED STATES PATENT OFFICE.

ANDREW JENCZYK, OF CHICAGO, ILLINOIS.

RESILIENT HEEL FOR SHOES.

1,039,409. Specification of Letters Patent. Patented Sept. 24, 1912.

Application filed March 16, 1911. Serial No. 614,909.

To all whom it may concern:

Be it known that I, ANDREW JENCZYK, a citizen of the United States, and a resident of the city of Chicago, county of Cook, and State of Illinois, have invented certain new and useful Improvements in Resilient Heels for Shoes, of which the following is a specification.

My invention relates to improvements in resilient heels for shoes.

At the present time resilient heels are universally secured in position upon the shoe by means of metallic transversely extending securing devices such as nails or screws. The employment of the latter in this capacity defeats the purpose for which the resilient heel is designed, namely, that of lending resiliency to the heel in walking, since such devices contact with the pavement in walking, thereby, because of their rigidity, preventing free compressing or cushioning action of the heel.

The object of the present invention is the provision of a heel which may be readily and easily secured in position without the use of extraneous securing devices and which therefore will be of greatest efficiency and afford greatest resiliency in use.

A further object is the provision of a resilient heel as mentioned, which will be of simple and economical construction and hence one which may be manufactured at a low cost.

Other objects will appear hereinafter.

With these objects in view, my invention consists in a resilient heel characterized as above mentioned and in certain details of construction which will be hereinafter fully described and particularly pointed out in the appended claim.

My invention will be best understood by reference to the accompanying drawing forming a part of this specification and in which,

Figure 1 is a fragmentary side elevation of the rearward end portion of an ordinary shoe to the heel of which is secured a resilient heel section embodying my invention, the shoe heel and the resilient attachment being shown in section, and Fig. 2 is a perspective view of the resilient heel section detached.

The preferred form of my construction as illustrated in the drawing comprises a resilient heel section 1 which is adapted for arrangement upon the base or lower end portion of the heel 2 of an ordinary shoe which is shown at 3. The heel section 1 is formed entirely of resilient rubber, the same comprising the base portion 4 which is of a marginal form corresponding with that of the heel 2. Provided at the periphery of the base portion 4 is an upwardly projecting circumferential flange 5 which embraces the lower end portion of the heel 2. The portion of the heel 2 engaged by the flange 5 is beveled and the flange 5 is correspondingly upwardly tapered so that the peripheral edges of said shoe heel and said resilient section will correspond, that is be flush. By beveling the heel 2 as stated the base portion of the flange 5 may be correspondingly increased in thickness thereby adapting said flange to better serve the purpose for which the same is designed. Also, by so forming said heel a smooth surface is afforded at the conjuncture of the resilient section and the shoe heel so that when said sections are colored the same, the presence of the resilient section will not be apparent. In applying the resilient section the contacting portions thereof, that is, the upper side of the portion 4 and the inner side of the flange 5, are securely cemented to the adjacent surfaces of the shoe heel, thereby permanently securing said section in position.

A resilient heel of the construction as set forth may be readily and quickly secured in position upon a shoe heel and after being properly attached will be securely held by the cement so that removal thereof will be impossible. A resilient heel of the construction set forth is free from any securing devices which tend to impair the free cushioning or compressing action thereof, hence the same is adapted to efficiently serve to facilitate walking by lending resiliency to the step.

While I have illustrated and described the preferred construction for carrying my invention into effect, this is capable of variation and modification without departing from the spirit of the invention. I, therefore, do not wish to be limited to the precise details of construction as set forth, but desire to avail myself of such variations and modifications as come within the scope of the appended claim.

Having described my invention what I

claim as new and desire to secure by Letters Patent is:

The combination with a shoe heel having the lower portion of its four edges inwardly and downwardly beveled, of a rubber tread; and a continuous upstanding flange substantially V-shaped in cross section on the outer edge of said tread and formed to fit said beveled edge, the outer surface of said tread and flange being so formed that when the tread is applied to said heel said flange shall snugly fit said beveled portion with its outer face flush with the adjacent faces of the shoe heel whereby the outer surfaces of the completed heel will be smooth and continuous, substantially as described.

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

ANDREW JENCZYK.

Witnesses:

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