July 1, 1930. G. SIESE, JR 1,769,758

SHOE HEEL PROTECTOR

Filed Dec. 12, 1929

Fig. 1.

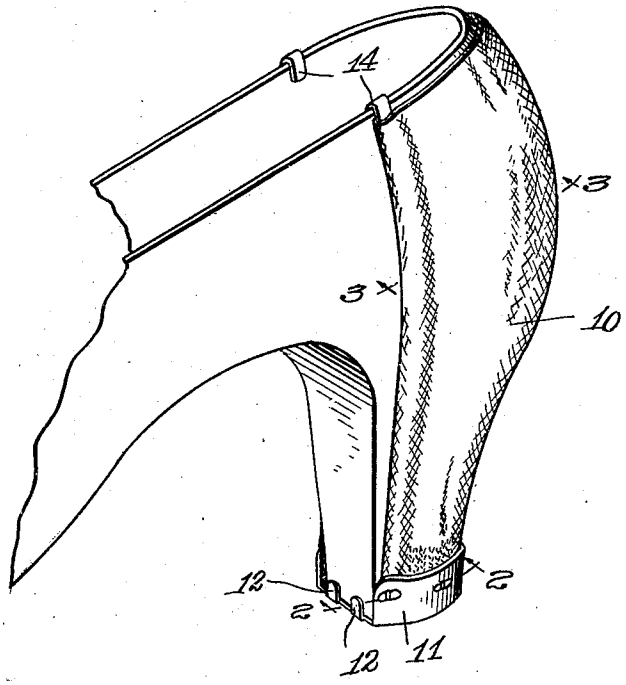


Fig. 2.

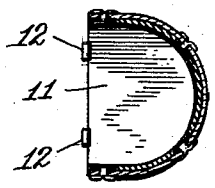


Fig. 3.

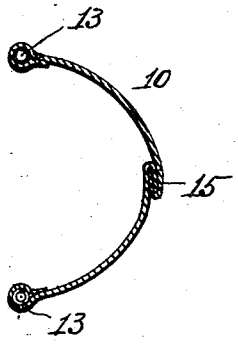
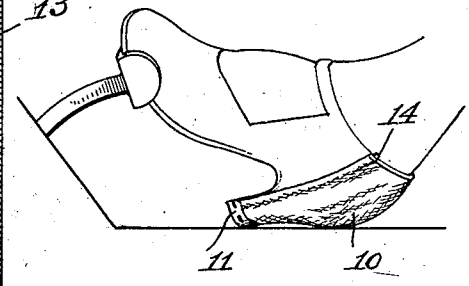


Fig. 4.



Fig. 5.



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UNITED STATES PATENT OFFICE

GUSTAV SIESE, JR., OF ORLANDO, FLORIDA

SHOE-HEEL PROTECTOR

Application filed December 12, 1929. Serial No. 413,562.

The object of this invention is to provide a simple and inexpensive protector especially adapted for attachment to the heel-portions of women's shoes so that the shoes will not be scarred or worn or soiled while operating the accelerator-pedal of an automobile, as more fully hereinafter set forth.

In the drawing annexed—

Fig. 1 is a perspective view of the rear portion of a woman's shoe showing my device applied thereto;

Fig. 2 is a section on the line 2—2 of Fig. 1, looking downwardly;

Fig. 3 is a section on the line 3—3 of Fig. 1;

Fig. 4 is a detail view of one of the retractile springs employed;

Fig. 5 is a miniature perspective view showing the manner of using the device in an automobile.

Referring to the drawing annexed by reference-characters, 10 designates a piece of textile or other fabric sufficiently flexible to fold or crinkle, this fabric being shaped to fit and envelop the rear rounded end of a woman's shoe. The lower end of this fabric is fastened to the upstanding flange of a metallic socket-plate 11 which is adapted to fit against the lower end of the heel and be held thereon by said upstanding flange and also by one or more upstanding lugs 12.

In the hem of each forward edge of the fabric is enclosed a retractile coil-spring 13 which, when the device is in use, lies against the side portion of the heel and conforms to the curvature thereof. The lower end of each of these springs is attached to the socket-plate 11 and its upper end projects beyond the upper edge of the fabric cover and is provided with a hook 14 adapted to engage over the adjacent edge of the shoe-upper. In applying the device, the hoops 14 are engaged by the opposite upper edges of the shoe-upper in such position that the fabric cover will envelop the rear end of the shoe and the springs are stretched sufficiently to enable the socket-plate to be engaged over the lower end of the heel so that when released the socket-plate will be normally drawn up against the heel and be held against displacement by means of the upstanding flange on the plate and the lugs 12. When thus positioned on the heel-portion of a shoe, the fabric 10 will adjust itself to the rounded, convexed shape of the heel-portion of the shoe, the fabric being sufficiently flexible to fold or crinkle sufficiently for this purpose if the device does not exactly fit the particular shoe to which it is applied. By reason of the flexibility of the fabric and the extensibility of the springs, the device is applicable to shoes of various shapes and various heel-heights. I believe that two sizes will be sufficient to enable the device to be applied to all types of women's shoes now on the market; one will be expressly adapted for what is known as a Cuban heel and the other will be adapted for what is known as French and spiked heels. Also, the flexibility of the fabric and the retractile tendency of the springs will enable the device to adjust itself to shoe-heels that are considerably worn. The fabric will be of some tough, wear-resisting stuff such, for instance, as canvas, and, to increase the wearing capacity of the device and also for convenience in manufacturing and shaping the article, I may place a central seam 15 running down the central back-edge of the article, this location for this wearing-seam being chosen because that is the part of the device that will rub against the floor of the car when the foot is placed on the accelerator-pedal. The essential feature of the device, however, is the use of a flexible fabric and two retractile springs in its front edges to adapt the device not only to hug the rear end of the heel closely and neatly, but also to adapt it for heels of different heights.

What I claim as new is:

A heel structure of the type set forth consisting of a flexible fabric covering for the rear end of the shoe having at its lower end a heel-socket and provided along its front edges with a pair of retractile springs each having a hook at its upper end to engage over the opposite top edges of the shoe-upper.

In testimony whereof I hereunto affix my signature.

GUSTAV SIESE, JR.