April 26, 1932. D. L. MINTON 1,855,304

SHOE HEEL PROTECTOR

Filed March 6, 1931

Fig. 1.

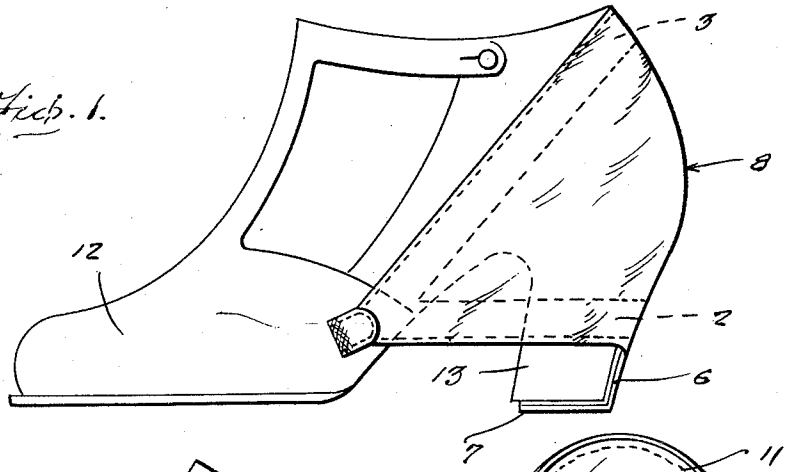


Fig. 3.

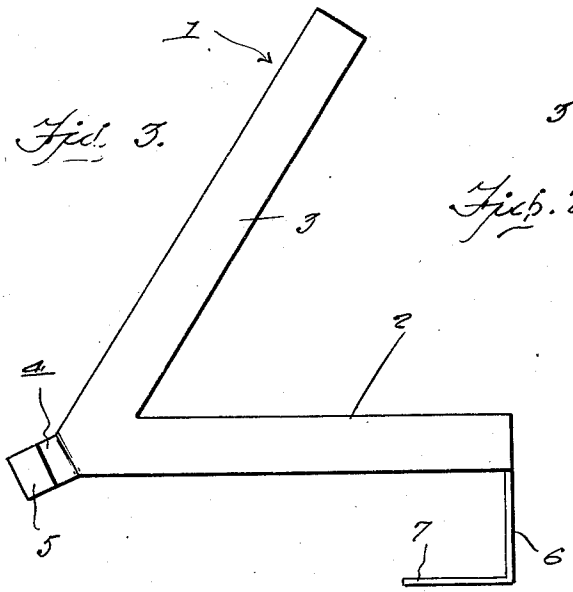


Fig. 2.

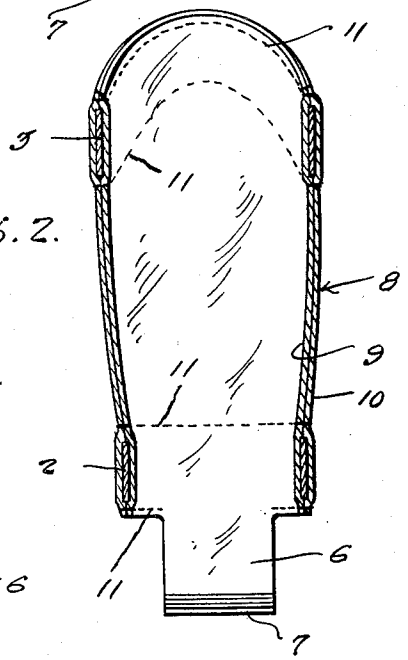
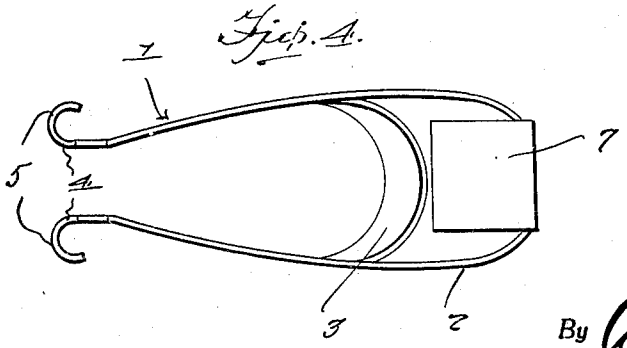


Fig. 4.



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UNITED STATES PATENT OFFICE

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SHOE HEEL PROTECTOR

Application filed March 6, 1931. Serial No. 520,671.

This invention relates to a shoe heel protector, and more particularly to a device of this character which is especially adapted for use on high heeled shoes worn by women when driving an automobile and has for one of its important objects to provide, in a manner as hereinafter set forth, a shoe heel protector embodying a novel construction and arrangement of parts whereby the same may be expeditiously mounted in position on a shoe or removed therefrom, the construction of the device being such as to retain itself in proper position on the shoe against accidental displacement or disarrangement without the necessity of extraneous securing means.

Other objects of the invention are to provide a heel protector of the character described which will be simple in construction, strong, durable, efficient and reliable in use, attractive in appearance and which may be manufactured at low cost.

All of the foregoing and still further objects and advantages of the invention will become apparent from a study of the following specification, taken in connection with the accompanying drawings wherein like characters of reference designate corresponding parts throughout the several views, and wherein:—

Figure 1 is a view in side elevation showing a protector in accordance with this invention mounted in position on a shoe.

Figure 2 is a view in vertical cross section through the device removed from the shoe and looking toward the rear thereof.

Figure 3 is a detail view in side elevation of the resilient frame.

Figure 4 is a detail view in bottom plan of the resilient frame.

Referring to the drawings in detail, it will be seen that the reference numeral 1 designates generally a resilient, metallic frame comprising a horizontally disposed, substantially U-shaped portion 2 and an upwardly and rearwardly inclined substantially U-shaped portion 3, the U-shaped portions 2 and 3 being integrally connected at their forward or open ends with each other. Extensions 4 project from the connected ends of the substantially U-shaped portions 2 and 3 and said extensions terminate in outwardly and then rearwardly directed hooks 5.

An arm 6 depends from the bight portion of the substantially U-shaped portion 2 of the resilient clamp 1 and terminates in a horizontally disposed, forwardly projecting foot portion 7.

The frame 1 and the elements 4 to 7, inclusive, are entirely enclosed in a cover which is designated generally by the reference numeral 8, said cover being formed of suitable flexible material and comprising inner and outer plies 9 and 10, respectively. The plies 9 and 10 of the cover 8 are stitched together adjacent the marginal edges of the frame 1 and the elements 4 to 7, inclusive, as indicated at 11. The cover 8 extends between the substantially U-shaped portions 2 and 3 of the frame 1 and is of a shape conforming substantially to the rear portion of the shoe which is indicated at 12. The entire device is of a shape and size to snugly fit the shoe, as will be obvious.

In use, the protector is mounted in position on the shoe in the manner clearly illustrated in Figure 1 of the drawings in which position the frame 1 and the extension 4 yieldingly grip the shoe. The out-turned hook portions 5 provide means for conveniently spreading the forward ends of the device to facilitate mounting the same on the shoe or taking the same off. The out-turned hook portions 5 also permit the device to slide forwardly over the shoe when the same is being mounted thereon and will cause the forward ends of the side portions of the protector to ride easily over the sides of the shoe. The foot portion 7 is engaged beneath the heel 13 of the shoe 12 and prevents the protector from riding upwardly on the shoe, as will be obvious.

It is believed that the many advantages of a shoe heel protector constructed in accordance with this invention will be readily understood, and although the preferred embodiment of the invention is as illustrated and described, it is to be understood that changes in the details of construction may be had which will fall within the scope of the invention as claimed.

What is claimed is:—

1. A shoe heel protector comprising a resilient frame including a substantially horizontally disposed substantially U-shaped portion and an upwardly and rearwardly inclined substantially U-shaped portion, said substantially U-shaped portions being formed integral with each other at their open ends, extensions projecting from the connected ends of the substantially U-shaped portions, said extensions terminating in outwardly and rearwardly directed hook portions, and a cover enclosing the frame, the extensions and the hooks, said cover comprising inner and outer plies of flexible material extending over the inner and outer sides of the frame, the extensions and the hooks and extending between the substantially U-shaped portions of the frame, the inner and outer plies being stitched together adjacent the edges of the frame, the extensions and the hooks.

2. A shoe heel protector comprising a resilient frame including a horizontally disposed, substantially U-shaped portion and an upwardly and rearwardly inclined substantially U-shaped portion, said substantially U-shaped portions being connected integrally with each other at their open ends, an arm depending from the bight portion of the horizontally disposed U-shaped portion of the frame, a foot portion projecting forwardly from the lower end of the arm and engageable beneath the heel of the shoe, and a cover enclosing the frame, the arm and the foot portion.

3. A shoe heel protector comprising a resilient frame including a horizontally disposed, substantially U-shaped portion and an upwardly and rearwardly inclined substantially U-shaped portion, said substantially U-shaped portions being connected integrally with each other at their open ends, an arm depending from the bight portion of the horizontally disposed U-shaped portion of the frame, a foot portion projecting forwardly from the lower end of the arm and engageable beneath the heel of the shoe, and a cover enclosing the frame, the arm and the foot portion, said cover comprising inner and outer plies of flexible material extending on the inner and outer sides of the frame and on opposite sides of the arm and the foot portion, said cover extending between the substantially U-shaped portions of the frame, the inner and outer plies being secured together along the marginal edges of the frame, the arm and the foot portion.

4. A shoe heel protector comprising a resilient frame including a horizontally disposed, substantially U-shaped portion and an upwardly and rearwardly inclined substantially U-shaped portion, said substantially U-shaped portions being integrally connected with each other at their open ends, extensions projecting from the connected ends of the substantially U-shaped portions, outwardly and rearwardly directed hooks on the extensions, an arm depending from the bight portion of the horizontally disposed substantially U-shaped portion of the frame, a forwardly projecting foot portion on the lower end of the arm, and a cover enclosing the frame, the extensions, the hooks, the arm and the foot portion.

5. A shoe heel protector comprising a resilient frame including a horizontally disposed, substantially U-shaped portion and an upwardly and rearwardly inclined substantially U-shaped portion, said substantially U-shaped portions being integrally connected with each other at their open ends, extensions projecting from the connected ends of the substantially U-shaped portions, outwardly and rearwardly directed hooks on the extensions, an arm depending from the bight portion of the horizontally disposed substantially U-shaped portion of the frame, a forwardly projecting foot portion on the lower end of the arm, and a cover enclosing the frame, the extensions, the hooks, the arm and the foot portion, said cover including inner and outer plies of flexible material disposed on opposite sides of the frame, the extensions, the hooks, the arm and the foot portion, said cover extending between the substantially U-shaped portions of the frame, the inner and outer plies being stitched together adjacent the marginal edges of the frame, the extensions, the hooks, the arm and the foot portion.

In testimony whereof I affix my signature.

DESSIE L. MINTON.