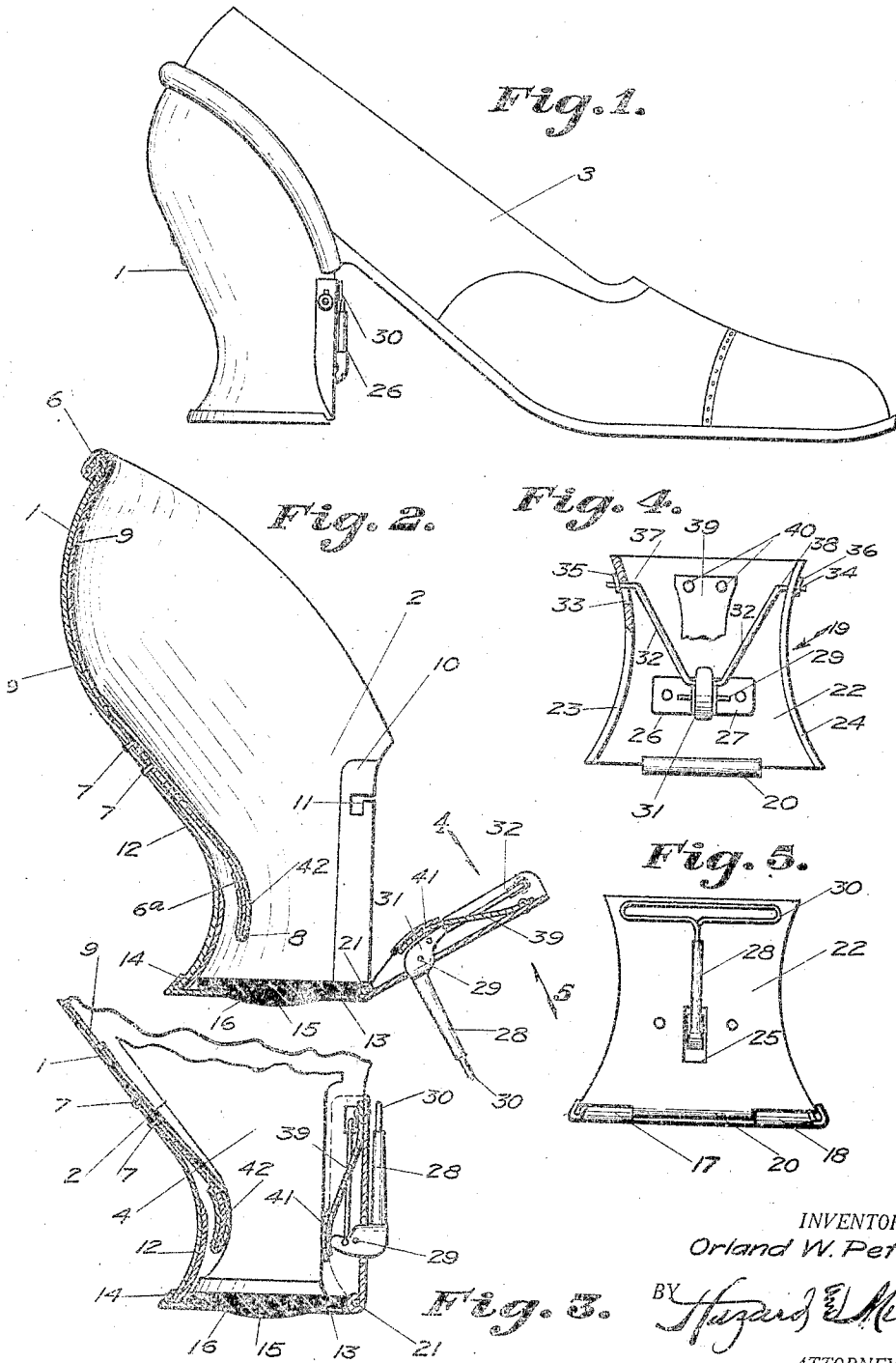


O. W. PETERS.
 SHOE PROTECTOR.
 APPLICATION FILED JULY 25, 1919.

1,345,875.

Patented July 6, 1920.



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UNITED STATES PATENT OFFICE.

ORLAND WELLSLEY PETERS, OF LOS ANGELES, CALIFORNIA.

SHOE-PROTECTOR.

1,345,875.

Specification of Letters Patent.

Patented July 6, 1920.

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To all whom it may concern:

Be it known that I, ORLAND W. PETERS, a subject of the King of Great Britain, residing at Los Angeles, in the county of Los Angeles and State of California, have invented new and useful Improvements in Shoe-Protectors, of which the following is a specification.

My object is to make a shoe protector, and my invention consists of the novel features herein shown, described and claimed.

Figure 1 is a side elevation of a shoe provided with a shoe protector in accordance with the principles of my invention.

Fig. 2 is a sectional elevation on a plane parallel with Fig. 1 and showing the shoe protector open ready to receive the shoe.

Fig. 3 is a view analogous to Fig. 2 and showing the heel of the shoe in place and the shoe protector closed as in use.

Fig. 4 is an inside detail view of the hinged clamping member, the view being taken looking in the direction indicated by the arrow 4 in Fig. 2.

Fig. 5 is a front elevation of the hinged clamping member as seen looking in the direction indicated by the arrow 5 in Fig. 2 with the parts in clamping position.

The principal object of my invention is to protect the heel portion of a high heeled shoe from being marred and to strengthen the heel and the heel portion of the shoe, make a wider base upon the heel, and a rubber cushion under the heel.

The casing 1 is cut and pressed and formed of suitable sheet metal and has a chamber 2 adapted to receive the heel portion of a shoe 3. The casing 1 is open at the top and forward side and covers the sides and rear of the French heel 4 and the heel portion 5 of the shoe. A leaf spring 6 is attached at its upper end in position to be against the upper part of the heel 4 and secured in place by rivets 7. A bead 8 is turned outwardly around the upper edge of the casing 1, and a lining 9 is placed within the casing 1 in the chamber 2 and extends around the bead 8 and is hooked under the heel so as to make a soft cushion to contact with the shoe and a soft edge extending outwardly from the contacting portion.

The metal of the casing 1 is bent inwardly and backwardly upon the lining 9 to form the straight reinforced edges 10 and to hold the lining, and bayonet slots 11 are cut in the edges 10 and extend downwardly. The

lower portion 12 of the casing is inclined outwardly all the way around the three sides. The bottom plate 13 has a hooked flange 14 and the bottom fits upwardly against the edge of the casing 1, and the flange 14 hooks around the lower portion 12.

A central opening 15 is formed in the bottom plate 13 and a rubber cushion 16 is placed upon the bottom plate and projects downwardly through the opening 15 to engage the ground. Hinge members 17 and 18 extend forwardly from the bottom plate 13, said hinge members being in a plane between the reinforced edges 10 and at their lower ends.

The hinged clamping member 19 has a central hinge pin 20 fitting between the hinge members 17 and 18, and a hinge pin 21 is inserted through the hinge members 17, 20 and 18. The details of the hinged clamping member 19 are as follows:

A flat plate 22 extends from the hinge member 20 and flanges 23 and 24 extend from the side edges of the plate 22 and fit outside of the reinforced edges 10. An opening 25 is formed through the plate 22. Bearing brackets 26 and 27 are secured against the inner face of the plate 22 one on each side of the opening 25. A hand lever 28 is inserted through the opening 25 between the brackets 26 and 27. A pin 29 is inserted through the brackets 26 and 27 and through the hand lever 28. A handle 30 is formed upon the outer end of the hand lever 28. An arm 31 extends from the hand lever 28 at right angles. A link 32 is inserted through the arm 31 near its free end and bent upwardly and outwardly and the ends of the link extend through slots 33 and 34 in the flanges 23 and 24, and washers 35 and 36 are fixed upon the outer ends of the link.

The link 33 has horizontal portions 37 and 38 inside of the flanges 23 and 24 adapted to pass into the bayonet slots 11 when the hand lever 28 is down and adapted to pass downwardly in the slots when the hand lever 28 is raised. A leaf spring 39 is secured at its upper end against the inner face of the plate 22 by a rivet 40 and the leaf spring extends downwardly behind the arm 31. A cushion 41 is fixed upon the inner face and lower end of the spring 39, so that when the hand lever 28 is operated to lock the hinged clamping member 19 against the front face of the heel 4 the arm 31 presses the cushion 41 against the front side of the

heel and presses the heel back against the tension of the spring 6. A cushion 42 is applied to the spring 6. The heel 4 is enlarged at its bottom to extend into the enlarged part of the chamber 2 and the heel is clamped between the cushions 41 and 42 so as to secure the shoe protector to the heel.

It is intended that a person wearing fine shoes having French heels will apply the heel protectors when going out for hard walking, automobiling, picnicking and the like, and that upon returning the heel protectors will be removed and the shoes will be unmarred. The shoe protectors will not only save the shoes from being marred, but will provide a support for the heels, a wider foundation for the base of the heel, and a rubber cushion under the heel, and prevent the heels from going down at the side.

Various changes may be made without departing from the spirit of my invention as claimed.

I claim:

1. A shoe protector comprising a casing adapted to fit the sides and back of the heel of a shoe having an outwardly flaring bottom edge, a bottom plate having its edges clamped upwardly and inwardly and adapted to be slipped upon the outwardly flaring

bottom edge of the heel casing from the rear, a clamping means hingedly mounted at the front edge of the bottom plate adapted to swing upwardly against the heel under the instep, and means for securing the clamping means to the front edges of the sides of the heel casing.

2. A shoe protector comprising a casing adapted to fit the sides and back of the heel of a shoe having an outwardly flaring bottom edge, a bottom plate having a large central hole and having its edges clamped upwardly and inwardly and adapted to be slipped upon the outwardly flaring bottom edge of the heel casing from the rear, a clamping means hingedly mounted at the front edge of the bottom plate adapted to swing upwardly against the heel under the instep, means for securing the clamping means to the front edges of the sides of the heel casing and a rubber wearing lift having a flange adapted to be clamped by the bottom plate, and an enlarged central portion adapted to protrude through the hole in the bottom plate.

In testimony whereof I have signed my name to this specification.

ORLAND WELLSLEY PETERS.