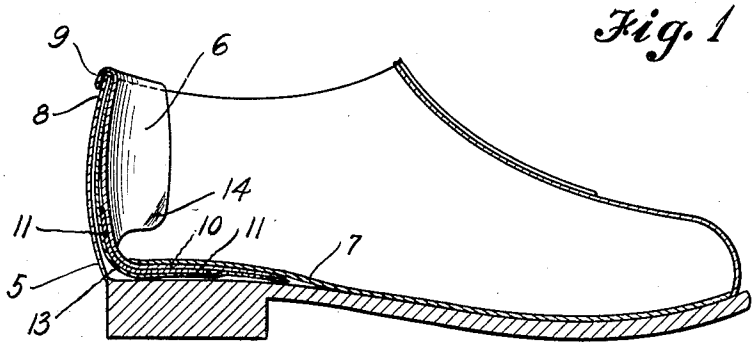
Feb. 13, 1934. T. SAITO 1,946,591

LINER PLATE FOR SHOES

Filed April 29, 1933

Fig. 1



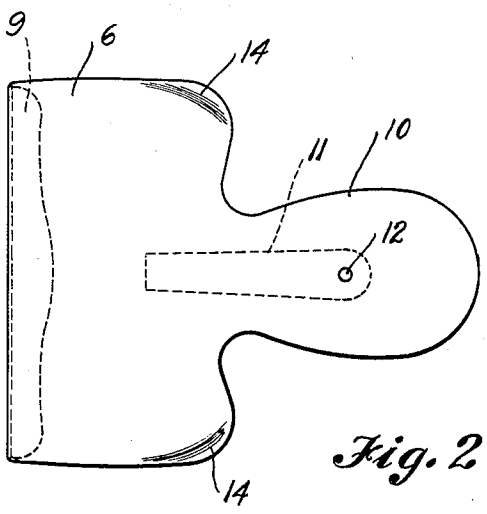


Fig. 2

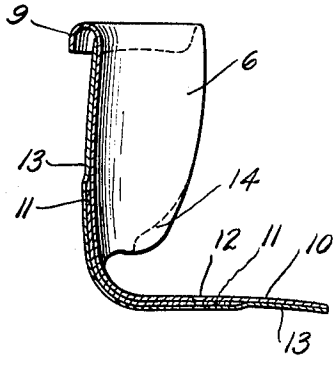


Fig. 3

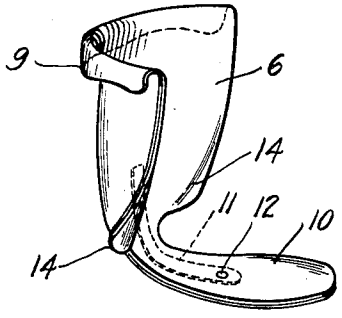


Fig. 4

INVENTOR.
T. Saito
BY
G. Ward Kemp
ATTORNEY.

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LINER PLATE FOR SHOES

Tomosaburo Saito, Seattle, Wash.

Application April 29, 1933. Serial No. 668,479

2 Claims. (Cl. 36—55)

This invention relates to liner plates for shoes, and particularly to such plates for the rear portions of shoes.

The objects of the invention are to provide a smooth resilient plate to be inserted in the heel end of oxford shoes for maintaining the shoes in desired shape, and to prevent the shoe from moving lengthwise on the foot of the wearer, to cause friction and wear on stockings.

A further object is to provide such a plate with a double tongue and overturned top which may be easily inserted in or removed from Oxford shoes without special tools therefor, and when inserted to retain their desired position without adhesives or permanent attachment, and preserve the top edge of the shoe.

With these and other objects that may be hereinafter stated, I have illustrated my invention by the accompanying drawing, of which:

Figure 1 is a sectional side elevation of the plate in position in the rear end of the Oxford shoe,

Figure 2 is a plan of the plate in extended form, for illustration,

Figure 3 is an enlarged side elevation of the plate in section,

Figure 4 is a perspective view of the plate and attachments.

Like numerals on the different figures represent like parts.

Numeral 5 represents the heel end or rear part of any low cut or Oxford shoe. 6 represents the main plate portion of my device, which is preferably formed of thin smooth material such as celluloid or metal and preferably with some resiliency to resume its extended form at all times. This plate is of suitable width to cover that portion of the rear end of the shoe against which the heel of the wearer contacts when the shoe is worn, and being smooth prevents chafing of the stockings. The body portion of the plate is of sufficient length to extend from the insole 7 of the shoes to the top 8 thereof, and is there provided with an overhanging lip 9. This lip hooks over the top of the shoe to prevent the plate from working down into the shoe, when worn, and for retaining the top edge and rear of the shoe in desired shape at all times. When the plate is applied thereon it will guard such top edge of the shoe to prevent the usual wear and disfiguration thereof in use.

A tongue member 10 is extended from the center of the plate at its base, for insertion beneath the ordinary insole 7 and thereby the plate is held in suitable position, and the lip held down over the edge of the shoe, and both shoe and plate thereby retained in desired shape.

Added resiliency is provided by a flat and normally straight metal spring 11 which is affixed by a rivet 12 or other suitable means to the tongue, so that when the plate is compressed into position in the shoe this spring is bent, and by its natural tendency to straighten, tends to press the body of the plate forward against the foot of the wearer and prevent the shoe from sliding on the foot. By way of further cushion, I attach to the tongue, a lining of cloth or other soft fabric 13 which adds resiliency behind the plate and prevents the spring from chafing the inside of the shoe to deface the same objectionably, in case the owner should desire later to wear shoes without the plate.

The lower corners of the plate 6 are slightly curved backward to provide bearing flanges 14, 14 thereby. These normally impinge against the inner sides of the shoe to prevent such lower edges from chafing against the stockings; and they also give resiliency to the plate, in addition to the resiliency of the spring and bent tongue, for holding the plate against the heel of the wearer, and so preventing the shoe working on the foot of the wearer.

It will be understood that any inexperienced person can apply the plate, by simply raising the rear end of the insole, and inserting the tongue thereunder, and then pressing the insole down thereover.

Having described my invention I claim as new:

1. A liner plate for shoes, comprising a thin resilient plate for the rear end of Oxford shoes, with a tongue bent and projected forward from the lower end of the plate for insertion beneath the insole of the shoe for retaining the plate down in position, a spring on the under portion of the tongue for resiliently holding the plate against the heel of the wearer, and an overturned flange around the top of the plate for preventing the plate from working down into the shoe and for maintaining the top of the shoe in desirable shape and to prevent wear and disfigurement thereof.

2. A liner plate for low cut shoes, comprising a smooth resilient plate adapted to be inserted into the rear end of such shoes and removed therefrom without the use of special tools therefor, the lower outer edges of the plate bent backward to prevent chafing of the stocking against the same, a resilient tongue adapted to be projected forward from the base of the plate beneath the insole of the shoe, a flat spring attached to the tongue and adapted to press the plate forward for resiliency, with a fabric covering behind the spring to prevent the same from chafing the inside of the shoe and to provide a cushion behind the plate.

TOMOSABURO SAITO.