

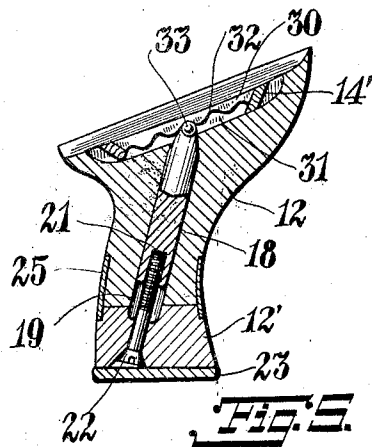
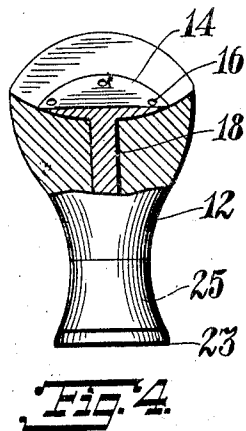
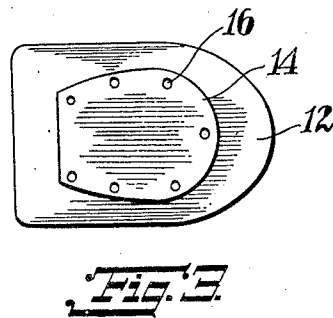
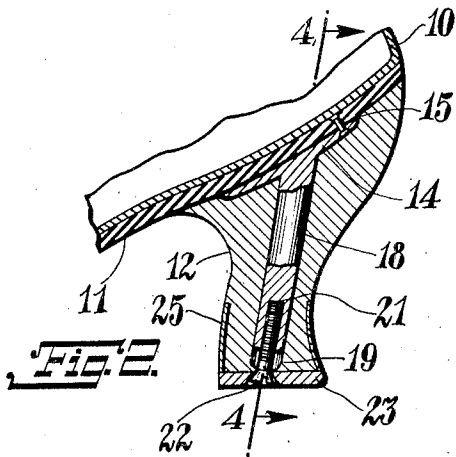
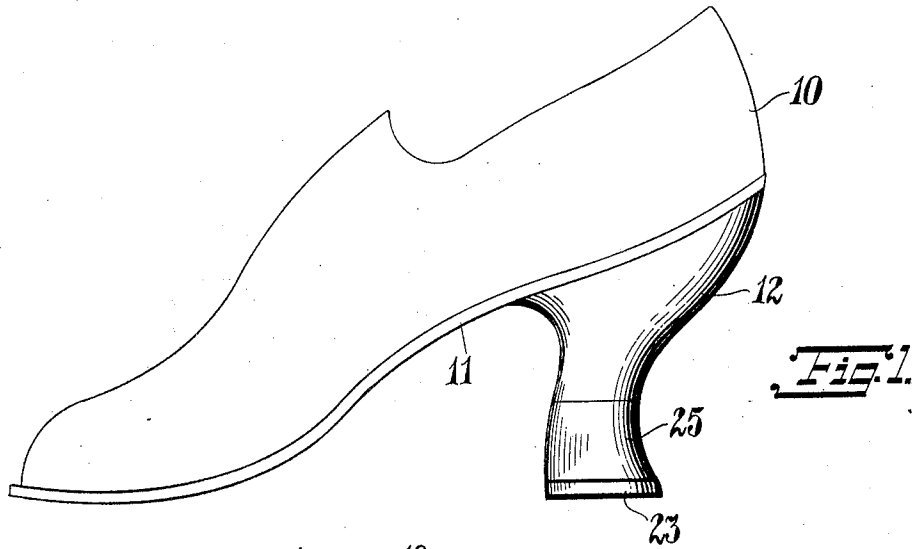
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1,598,397

F. SENISE

HEEL FOR SHOES

Filed Dec. 27, 1924



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UNITED STATES PATENT OFFICE.

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HEEL FOR SHOES.

Application filed December 27, 1924. Serial No. 758,319.

This invention relates to heels for ladies' shoes, the invention being intended more particularly for embodiment in what are known as high heels or French heels, in which the body of the heels is commonly made of wood.

The invention has for an object to provide a novel and improved type of heel which will permit of the ready replacement of the heel in the event of damage, a further object of the invention referring to the provision of a construction that will enable the heel to be varied in height without difficulty.

For further comprehension of the invention, and of the objects and advantages thereof, reference will be had to the following description and accompanying drawing, and to the appended claim in which the various novel features of the invention are more particularly set forth.

Fig. 1 of the drawing is a side view of a shoe showing my improved heel attached to the shoe.

Fig. 2 is a fragmentary longitudinal sectional view of the shoe, showing the construction of the heel.

Fig. 3 is a plan view of the heel, showing the heel as engaged with the plate by which it is secured to the shoe.

Fig. 4 is a view of the heel and securing plate partly in front elevation and partly in transverse section on the line 4-4 of Fig. 2.

Fig. 5 is a longitudinal sectional view of a modified form of the heel.

Referring now to the drawing the reference numeral 10 indicates in general the upper of a lady's shoe and 11 the usual sole that is extended backward over the heel. The heel comprises a suitably shaped wooden block 12 that is concaved on its upper side to fit snugly against the bottom of the element 11. To secure this heel in place I provide a plate 14 that is attached permanently to the sole element 11 by means of rivets such as 15 or the like, passed upward through apertures 16 in the said plate and into the sole element 11. Formed integrally with this plate and projecting downwardly therefrom at a slightly oblique angle, is a stud or rod 18 that is accommodated in the passage 19 in the heel element 12. This stud 18 is formed with a socket 21 entered upward therein from the lower end thereof and which is screw threaded to receive a screw 22 that is inserted upward

through the aperture or passage 19 in the heel 12 and engages in the said socket and thereby clamps the heel in place on the sole 11. The bottom of the heel 12 may be covered by an ordinary leather facing element 23. In order to reinforce the heel, and reduce danger of breaking at the narrow waist portion thereof, a ferrule 25 of aluminum or steel is preferably placed around the heel at this point. As will be understood, the heel, when in place is covered with an ordinary cloth or leather facing.

In the form of the invention shown in Fig. 5 of the drawing the ferrule 25 projects slightly below the main body of the heel 12 to receive the diminished upper end of a block 12' or lift that is likewise of wood, and through which the screw 22 is passed to secure the block to the main body of the heel and the latter to the sole of the shoe. This block 12' has the leather facing fixed to the bottom thereof. This construction enables the height of the heel to be changed as desired by replacing the block that may be on the heel with one of a different thickness. In this construction also the plate 14' is formed on its top face with a recess 30 into which a slot 31 enters upward from the bottom of the plate, the bottom of the recess 30 being transversely grooved as shown at 32. In these grooves a cross piece 33 on the top of the stud 18 engages, so that the position of the stud with respect to the plate may be varied when the stud is loosened. This construction enables heels of different shape to be secured to the shoe.

Having thus described my invention, what I claim as new and desire to protect by Letters Patent of the United States is as follows:—

In a shoe, a plate fixed to the heel portion of the sole element and provided with an upper recess and a longitudinal slot, the bottom of the said recess being formed with transversely extending grooves, a stud projecting upward through the said slot and having a crosspiece on its upper end selectively engaging in one of the said grooves, a wooden heel element having an aperture therein through which the said stud passes, and a screw threaded upward into the socket in the bottom of the said stud and bearing on said heel to clamp the heel in place.

In testimony whereof I have affixed my signature.

FRANK SENISE,