A. McDONALD.
DETACHABLE RUBBER HEEL.
APPLICATION FILED OCT. 3, 1911.

1,039,306. Patented Sept. 24, 1912.

Fig. 1.

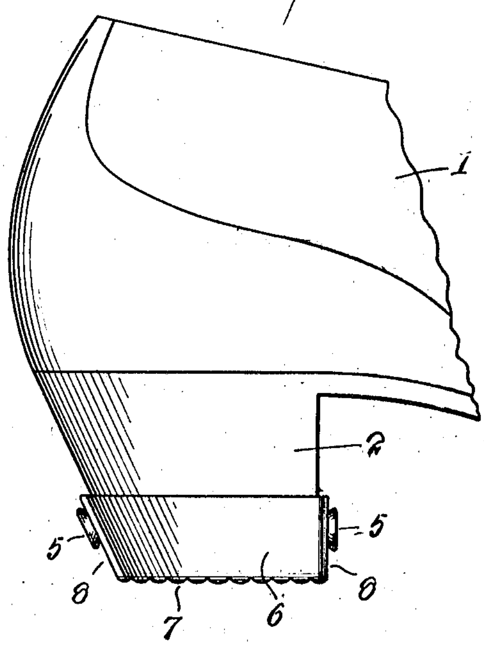


Fig. 2.

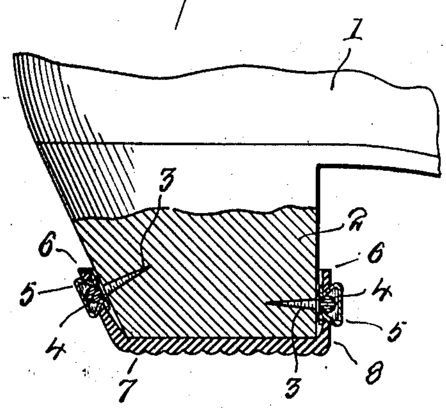


Fig. 3.

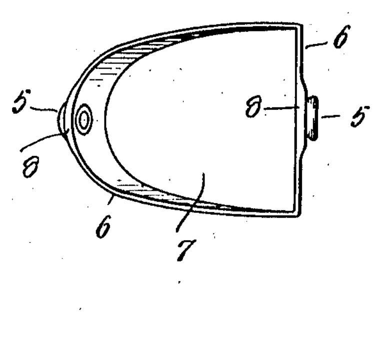
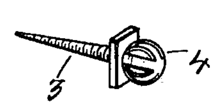


Fig. 4.



Inventor
Amanda McDonald

Witnesses
E. R. Ruppert.
E. Edwards Jr.

By Victor J. Evans
Attorney

UNITED STATES PATENT OFFICE.

AMANDA McDONALD, OF CENTRAL CITY, SOUTH DAKOTA.

DETACHABLE RUBBER HEEL.

1,039,306. Specification of Letters Patent. Patented Sept. 24, 1912.

Application filed October 3, 1911. Serial No. 652,515.

To all whom it may concern:

Be it known that I, AMANDA McDONALD, a citizen of the United States, residing at Central City, in the county of Lawrence and State of South Dakota, have invented new and useful Improvements in Detachable Rubber Heels, of which the following is a specification.

This invention relates to heels and more particularly to detachable cushion heels.

The object of the invention is the provision of a simple and efficient device of this character which may be readily attached to or detached from the heel so that it can be readily worn in the house or in a store and readily detached when the person goes out on the street.

Further objects of the invention will appear as the following specific description is read in connection with the accompanying drawing, which forms a part of this application, and in which—

Figure 1 is a side elevation. Fig. 2 is a vertical sectional view through the shoe with the device applied. Fig. 3 is a top plan view with the device removed from the shoe. Fig. 4 is a perspective view of one of the studs removed from the device.

Referring more particularly to the drawing, 1 represents a shoe having a heel 2 which is of ordinary construction. Threaded into a hole in the front and back thereof are pins or screws 3 having spring heads 4 which are adapted to be engaged by the socket members 5. These socket members are carried by the flexible flange 6 of the heel member 7 and are adapted to snap into engagement with the spring heads in a manner well-known in the art of glove and shoe fastenings. The heel base 7 and its flange are constructed as a unit, being preferably molded in a single operation and having the socket members substantially attached to the front and back of the vertical flange. The heel base is of course considerably thicker than the flange which is sufficiently resilient to permit the socket members to be readily detached from the spring headed studs, pins or screws 3. The bottom of the heel is roughened in any suitable manner, as by providing a plurality of projections which may be in the form of corrugations or in any other suitable form. The flange 6 is preferably reinforced at the points of attachment of the socket members by causing a thickening of the material, as shown at 8, thereby preventing the socket members from tearing out and at the same time permitting the remainder of the flange to be sufficiently resilient to allow the socket members to be disconnected, as before stated.

While it is customary to remove only the cushion heel, the spring headed studs may be also removed if desired without much trouble.

Having thus described the invention, what I claim as new is:—

A rubber heel adapted to be connected to a shoe heel and formed with a flange to embrace the shoe heel, and a base portion to underlie said shoe heel, fasteners adapted to extend into the shoe heel and provided with spherical heads, said heel flange being provided with openings to receive said heads, and female fasteners secured in said openings and adapted to snap on said heads and hold said rubber heel in position on the shoe heel.

In testimony whereof I affix my signature in presence of two witnesses.

AMANDA McDONALD.

Witnesses:

THOS. E. HARVEY,

H. WALTER TROTH.