

No. 769,787.

PATENTED SEPT. 13, 1904.

P. CARROLL.
ANTISLIPPING ATTACHMENT FOR SHOE HEELS.
APPLICATION FILED MAR. 3, 1904.

NO MODEL.

Fig. 1.

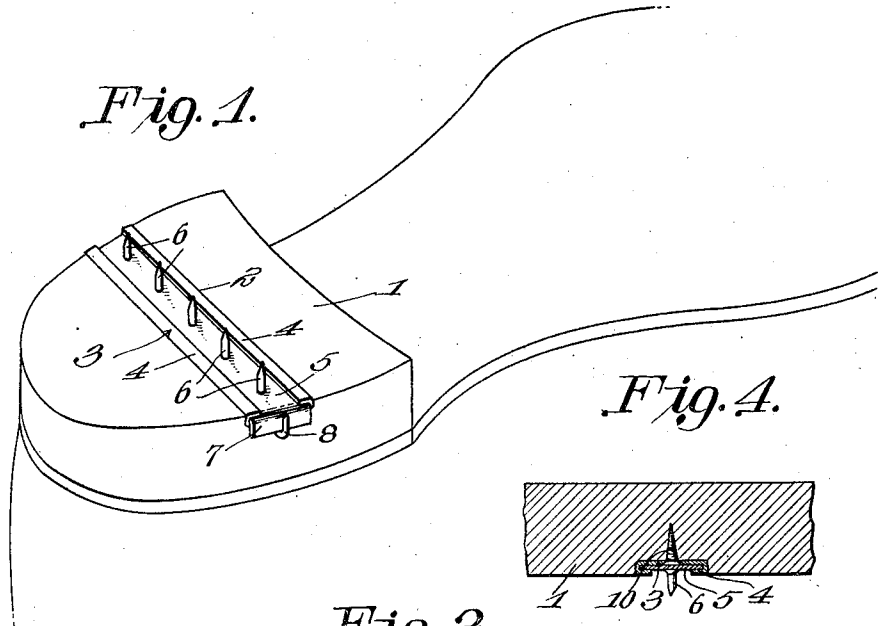


Fig. 4.

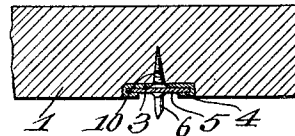


Fig. 2.

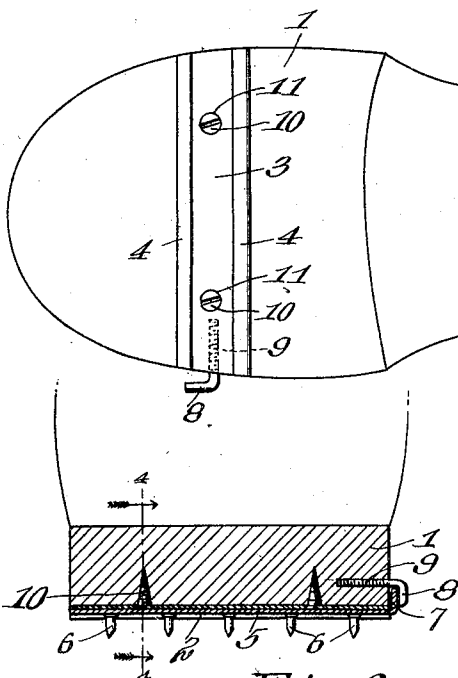


Fig. 5.

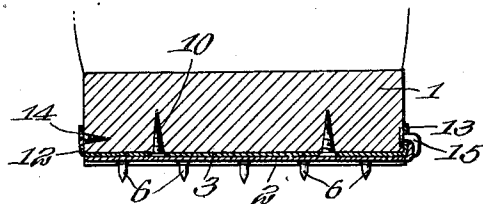


Fig. 3.

Witnesses
E. C. Stewart
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UNITED STATES PATENT OFFICE.

PATRICK CARROLL, OF NEWARK, OHIO.

ANTISLIPPING ATTACHMENT FOR SHOE-HEELS.

SPECIFICATION forming part of Letters Patent No. 769,787, dated September 13, 1904.

Application filed March 3, 1904. Serial No. 196,421. (No model.)

To all whom it may concern:

Be it known that I, PATRICK CARROLL, a citizen of the United States, residing at Newark, in the county of Licking and State of Ohio, have invented a new and useful Antislipping Attachment for Shoe-Heels, of which the following is a specification.

This invention relates to that class of antislipping devices which are adapted to be detachably connected with heels of boots and shoes for the purpose of preventing the wearer from slipping and falling; and it has for its object to provide a device of this class which shall possess superior advantages in point of simplicity, durability, facility of adjustment and detachment to and from the shoe-heel, and general efficiency.

With these and other ends in view, which will readily appear as the nature of the invention is better understood, the same consists in the improved construction, arrangement, and combination of parts, which will be hereinafter fully described, and particularly pointed out in the claims.

In the accompanying drawings has been illustrated a simple and preferred form of embodiment of my invention, it being understood, however, that I do not necessarily limit myself to the structural details therein exhibited, but reserve the right to such changes, alterations, and modifications as come fairly within the scope of the invention and which may be resorted to without departing from the spirit or sacrificing the efficiency of the same.

In said drawings, Figure 1 is a perspective view of the heel portion of a shoe having my invention applied thereto. Fig. 2 is a plan view of the same, the antislipping element having been detached. Fig. 3 is a transverse sectional view with the antislipping element in position. Fig. 4 is a sectional view taken on the line 4 4 in Fig. 3. Fig. 5 is a transverse sectional view illustrating a modification.

Corresponding parts in the several figures are indicated by similar numerals of reference.

The shoe-heel 1, to which my invention is applied, is provided with a transverse groove or recess 2, in which is seated a metallic plate 3, provided at its front and rear edges with overhanging flanges 4 4. This plate or holder

extends entirely across the heel, and the outer sides of the flanges 4 are level with the tread or bottom portion of the heel.

5 designates a slide adapted to be inserted between the flanges 4 4 of the plate or holder 3. This slide is provided on its under side with a plurality of spurs 6, which may be integral therewith or attached thereto in any suitable manner. The slide 5 is provided at one end with a downturned lip 7, which when said slide is fully inserted between the flanges of the holder will abut against the edge of the heel. The latter is provided with a hook member 8, which may be formed with a screw-threaded shank 9, whereby it will be retained securely in position, said hook member constituting a turn-button, which by turning it into engagement with the outer side of the lug will prevent the withdrawal of the slide 5.

The flanged plate or holding member 3 is to be permanently secured in the recess 2, and this attachment may be effected by screws 10, inserted through perforations 11 in the holding member and engaging the heel.

Under the modified form illustrated in Fig 5 of the drawings the holding member 3 is provided at the ends thereof with lugs 12 and 13, abutting upon the side edges of the heel, with which one of said lugs, 13, may be connected by a fastening member 14. The lug 12 carries a hook member 15, having swivel connection therewith and capable of being used in lieu of the hook member 8 as a fastening device for the spur-carrying slide.

The operation and advantages of this invention will be readily understood from the foregoing description, taken in connection with the drawings hereto annexed. By simply turning the hook member or fastening member 8 out of engagement with the lug 7 of the spur-carrying slide the latter may be readily detached from the heel to be readjusted for use whenever desired. When the fastening member 8 is used, the connection of the screw-threaded shank 9 will serve to tighten the hook member 8 into engagement with the lug 7, and thereby tend to prevent displacement and loss of the spur-carrying slide. This, however, is not liable to occur even when the swiveled fastening member 15 is used, inas-

much as the latter will frictionally engage the lug 7, and thus be prevented from displacement.

My improved antislipping device may be applied, if desired, not only to the heels, but to the soles of boots and shoes. It is simple, inexpensive, and easily adjusted in operative position or detached, as may be required.

Having thus described my invention, I claim—

1. An antislipping device including a flanged holder, a spur-carrying slide detachably engaging said holder, and a hook member mounted for rotation and located to engage one end of the slide to prevent withdrawal of the latter from the holder.

2. An antislipping device including a flanged holder, a spur-carrying slide engaging said holder and provided with a lug at one end, and a rotatively-mounted hook member located to engage said lug to prevent withdrawal.

3. The combination with a transversely-recessed shoe-heel, of a flanged holder secured in the recess, a spur-carrying slide engaging

said holder, and a rotatable and axially-movable hook member engaging the heel and located to engage and retain the slide.

4. The combination with a transversely-recessed shoe-heel, of a flanged holder secured in the recess, a spur-carrying slide engaging said holder, and a hook member adapted to engage the end of the slide to prevent withdrawal of the latter, said hook member having a threaded shank engaging the shoe-heel.

5. In a device of the class described, a transversely-recessed shoe-heel, a flanged holder seated in the recess and having lugs at the ends thereof engaging the sides of the heel, a spur-carrying slide engaging the holder, and a rotatable hook member adapted to engage the slide and retain the latter operatively in engagement with the holder.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

PATRICK CARROLL.

Witnesses:

OWEN A. NASH,
J. B. JONES.