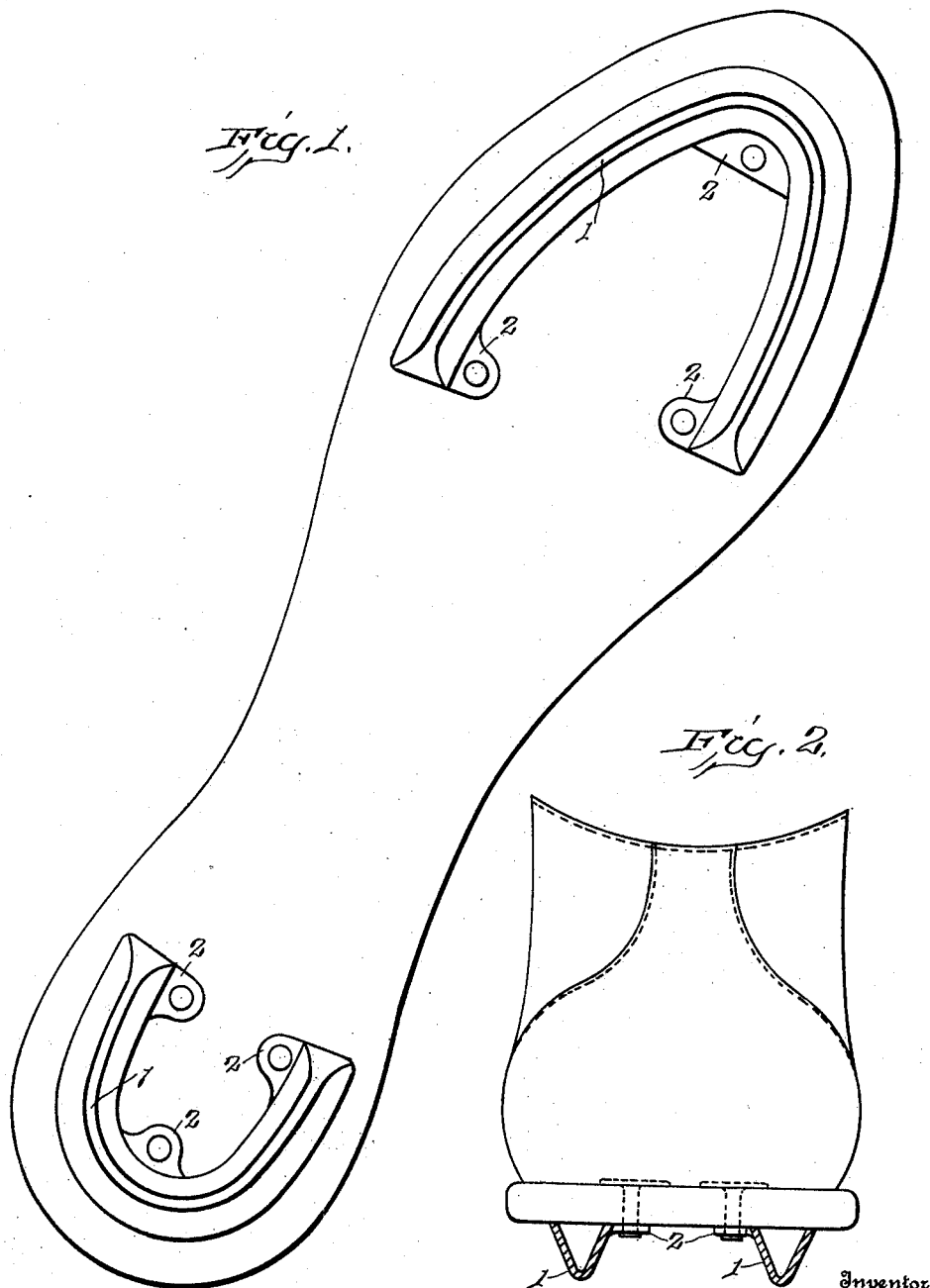


983,393.

H. J. NYE.
ANTISLIPPING DEVICE.
APPLICATION FILED JAN. 24, 1910.

Patented Feb. 7, 1911.



Witnesses

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HERMAN J. NYE, OF SPRINGFIELD, OHIO.

ANTISLIPPING DEVICE.

983,393.

Specification of Letters Patent.

Patented Feb. 7, 1911.

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To all whom it may concern:

Be it known that I, HERMAN J. NYE, a citizen of the United States, residing at Springfield, in the county of Clark and State of Ohio, have invented certain new and useful Improvements in Antislipping Devices, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention relates to anti-slipping devices, and more particularly to what are known as spikes for baseball shoes. The spike now in use on such shoes comprises a number of prongs having sharp cutting edges, and, while it is very efficient as an anti-slipping device, its use is dangerous and frequently results in injury to baseball players.

The object of the present invention is to provide a device of this character which will effectually prevent the wearer from slipping and which will be so constructed that it will not be liable to inflict serious injury should it come in contact with the person of a player.

To this end it is a further object to provide the shoe with a rib of rigid material having a blunt or non-cutting edge, the rib being so arranged on the shoe as to exert a maximum gripping action when in contact with the ground.

In the accompanying drawings, Figure 1 is a plan view of the sole of a shoe having both the sole and heel equipped with my invention; Fig. 2 is a rear elevation of the shoe, showing the spike in section.

In these drawings I have illustrated one embodiment of my invention and have shown the same as comprising a rib 1, of rigid material, shaped to conform substantially to the contour of that portion of the shoe to which it is secured, *i. e.*, either the sole or the heel of the shoe. In the present instance the device is formed of pressed steel, but, obviously, it may be constructed in any suitable manner. In the form here shown both the toe spike and the heel spike are substantially U-shaped in contour and are provided with apertured lugs 2 to enable the same to be secured to the shoe by means of screws or rivets. The rib is provided with a non-cutting edge and is here shown as having its sides converging away from the sole of the shoe and having the edge opposite the edge which is secured to the shoe rounded. In

the case of the spike which is secured to the sole of the shoe I have shown that portion of the U-shaped rib extending along the outer edge of the sole as of greater length than the portion extending along the inner edge of the sole, thus causing the spike to conform more nearly to the outline of the sole. As a further result of this arrangement the spike is so positioned on the sole of the shoe that substantially the entire edge of the device will be in engagement with the ground when the wearer is running, and, when the wearer is walking, will extend beneath the ball of the foot and so support the weight as to enable him to walk comfortably. The spike comprises merely a skeleton outline or rib, and, consequently, interferes to a minimum extent with the flexibility of the sole of the shoe. The cross sectional shape of the spike is such that in spite of its round or blunt edge it will dig into the ground, whether hard or soft, sufficiently to prevent the wearer from slipping. The outline of the spike is such as to utilize to the fullest the gripping action of the spike when in engagement with the ground. Further, the shape of the spike as a whole is such as to prevent slipping in any direction. This effect is further increased by the placing of the U-shaped spikes in both the sole and heel of the shoe in reverse positions.

While I have here shown one embodiment of my invention it will be apparent that the construction of the device could be varied to a considerable extent without departing from my invention and I, therefore, wish it to be understood that I do not desire to be limited to the details of construction shown and described, for obvious modifications will occur to a person skilled in the art. Having thus fully described my invention, what I claim as new and desire to secure by Letters Patent, is:—

1. An anti-slipping device for baseball shoes comprising a single hollow rib, substantially V-shaped in cross section and curved to conform substantially to the outline of that portion of the shoe to which it is to be attached.

2. An anti-slipping device for baseball shoes comprising a single rib, bent into a substantially U-shape to conform to the outline of the sole of a shoe and having its sides converging downwardly and its lower edge blunt.

3. An anti-slipping device for baseball shoes comprising a single hollow rib of metal, substantially V-shaped in cross section, said rib being curved to conform substantially to the outline of the sole of a shoe and having its ends disconnected and arranged on opposite sides of said sole.

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

HERMAN J. NYE.

Witnesses:

J. ED. CABANISS,
MARTIN E. NYE.