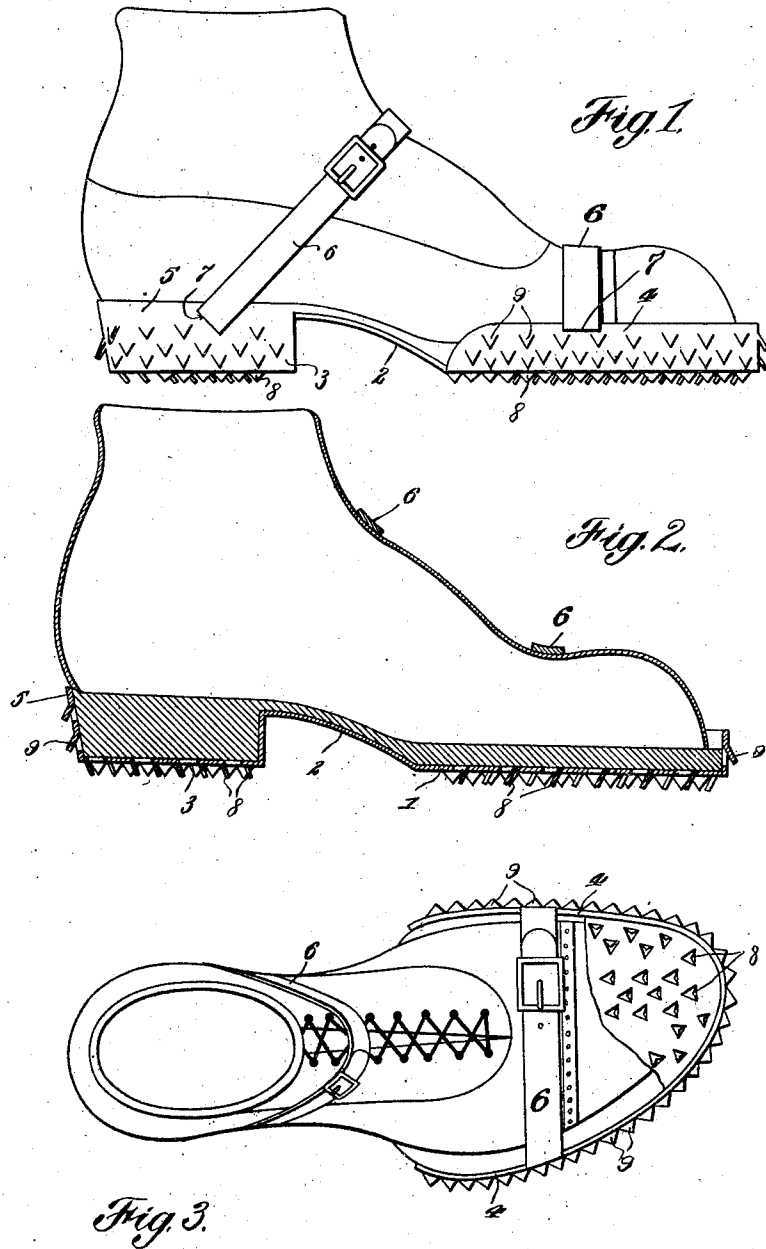


H. E. EVES.
 ROOFER'S SHOE.
 APPLICATION FILED JUNE 8, 1910.

987,054.

Patented Mar. 14, 1911.



Witnesses
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UNITED STATES PATENT OFFICE.

HARRY E. EVES, OF ALTUS, OKLAHOMA.

ROOFER'S SHOE.

-987,054.

Specification of Letters Patent. Patented Mar. 14, 1911.

Application filed June 8, 1910. Serial No. 565,743.

To all whom it may concern:

Be it known that I, HARRY E. EVES, a citizen of the United States, residing at Altus, in the county of Jackson and State of Oklahoma, have invented new and useful Improvements in Roofers' Shoes, of which the following is a specification.

This invention relates to a roofer's shoe, that is to say, a shoe intended to be worn by carpenters, shinglers, painters and the like, in working on sloping shingle or other roofs.

The invention has for one of its objects to provide an extremely simple, practical and effective shoe of this character whereby the maximum safety to the wearer is secured without, however, being cumbersome and in the way, the shoe being provided with prongs which engage the roof so that slipping will be prevented.

Another object of the invention is the provision of a sheet metal or steel shoe that is provided with heel and sole engaging marginal flanges which, together with the bottom of the shoe, are provided with spurs so arranged that the shoe can effectively take hold of the roof with the feet disposed in different positions.

With these objects in view and others, as will appear as the description proceeds, the invention comprises the various novel features of construction and arrangement of parts which will be more fully described hereinafter and set forth with particularity in the claims appended hereto.

In the accompanying drawing, which illustrates one embodiment of the invention, Figure 1 is a side view of the shoe applied. Fig. 2 is a longitudinal section thereof. Fig. 3 is a plan view of the shoe.

Similar reference characters are employed to designate corresponding parts throughout the views.

Referring to the drawing, 1 designates the sole of the shoe, which is connected by a shank 2 of the heel 3. The bottom of the shoe is so shaped that it will fit an ordinary shoe and around the sole is an upstanding marginal flange 4 that engages the sole of the leather shoe. The heel 3 is formed with an upstanding marginal flange 5 which en-

gages the heel of the leather shoe. The flanges are integrally connected with the heel and sole, respectively, and serve to prevent lateral displacement of the shoe on the foot.

The metal shoe is fastened by straps 6 which are engaged in slots 7 in the flanges 4 and 5, the straps being passed over the top of the foot to hold the shoe in place.

The sole 1 and heel 2 are provided with spurs 8 that are stamped downwardly out of the metal and, as these are of triangular form, they provide numerous downwardly-extending points which firmly bite into the wood or surface over which the wearer walks, so that slipping is prevented. The spurs are arranged close to the margins of the sole and heel so that when the shoe is tilted, these marginal spurs will bite into the surface. The flanges 4 and 5 are provided with outstanding spurs 9 that serve to engage the roof when the foot is inclined, and by means of these, it is unnecessary for the user to maintain a position with the soles and heels of the shoes flat against the roof. Hence, by the use of these different groups of spurs, the user can assume various positions with absolute safety.

From the foregoing description, taken in connection with the accompanying drawing, the advantages of the construction and of the method of operation will be readily apparent to those skilled in the art to which the invention appertains, and while I have described the principle of operation of the invention, together with the device which I now consider to be the best embodiment thereof, I desire to have it understood that the device shown is merely illustrative, and that such changes may be made when desired as are within the scope of the claims appended hereto.

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

1. A shoe of the class described comprising a sole, a shank, a heel, upstanding marginal flanges on the sole and heel, and outstanding spurs on the flanges and on the sole and heel, and means for securing the shoe to the foot, the spurs on the flanges having

their points extending downwardly at an acute angle to the vertical.

2. A shoe of the class described comprising a single piece sheet metal structure
5 formed into a sole, a shank, a heel depressed below the shank, a marginal flange extending around the sole and projecting upwardly therefrom, downwardly-stamped pointed

spurs on the sole and heel, and outwardly stamped pointed spurs on the said flanges. 10

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

HARRY E. EVES.

Witnesses:

E. W. SICKAFUS,

E. B. ALLEN.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."
