

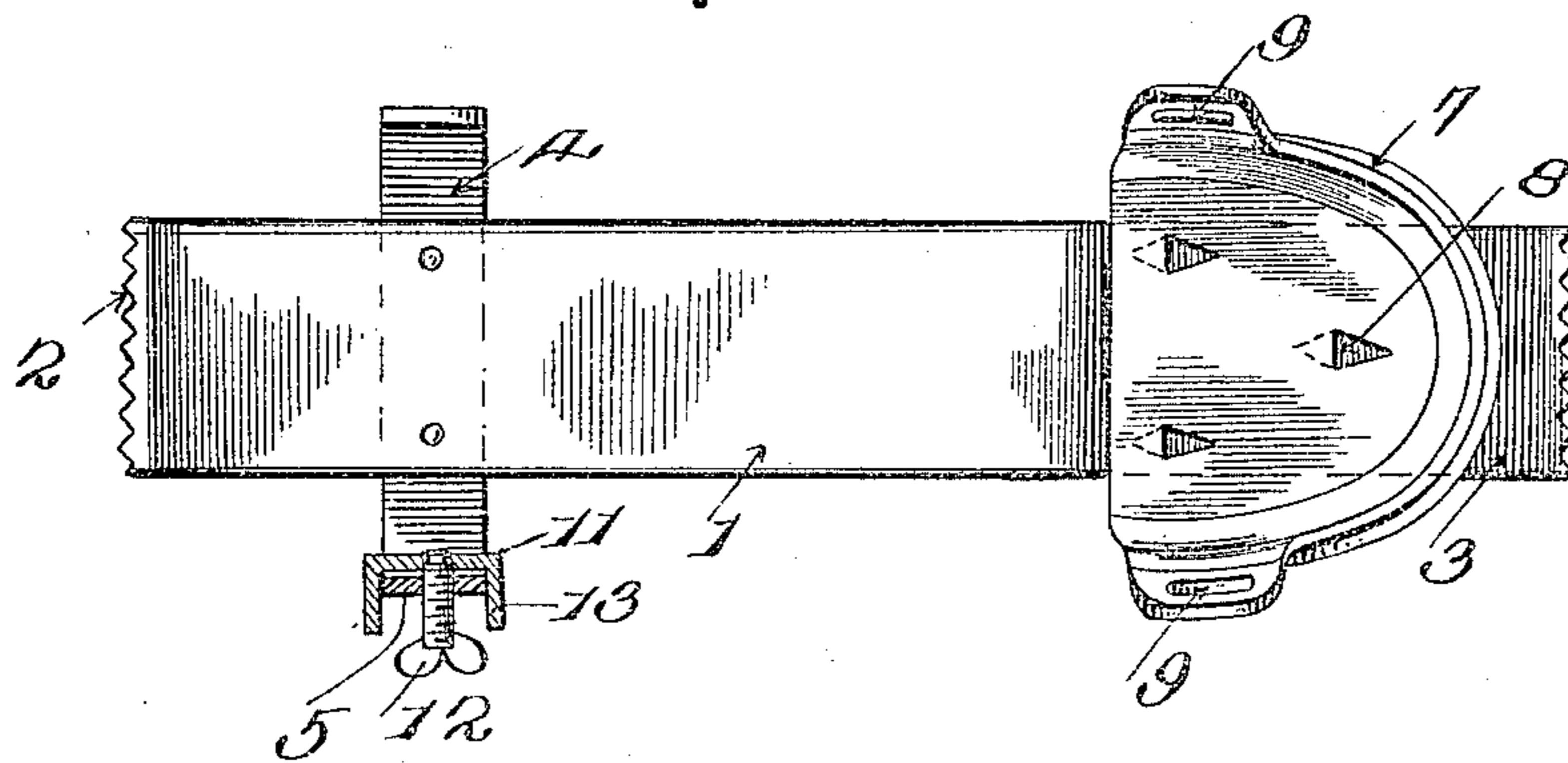
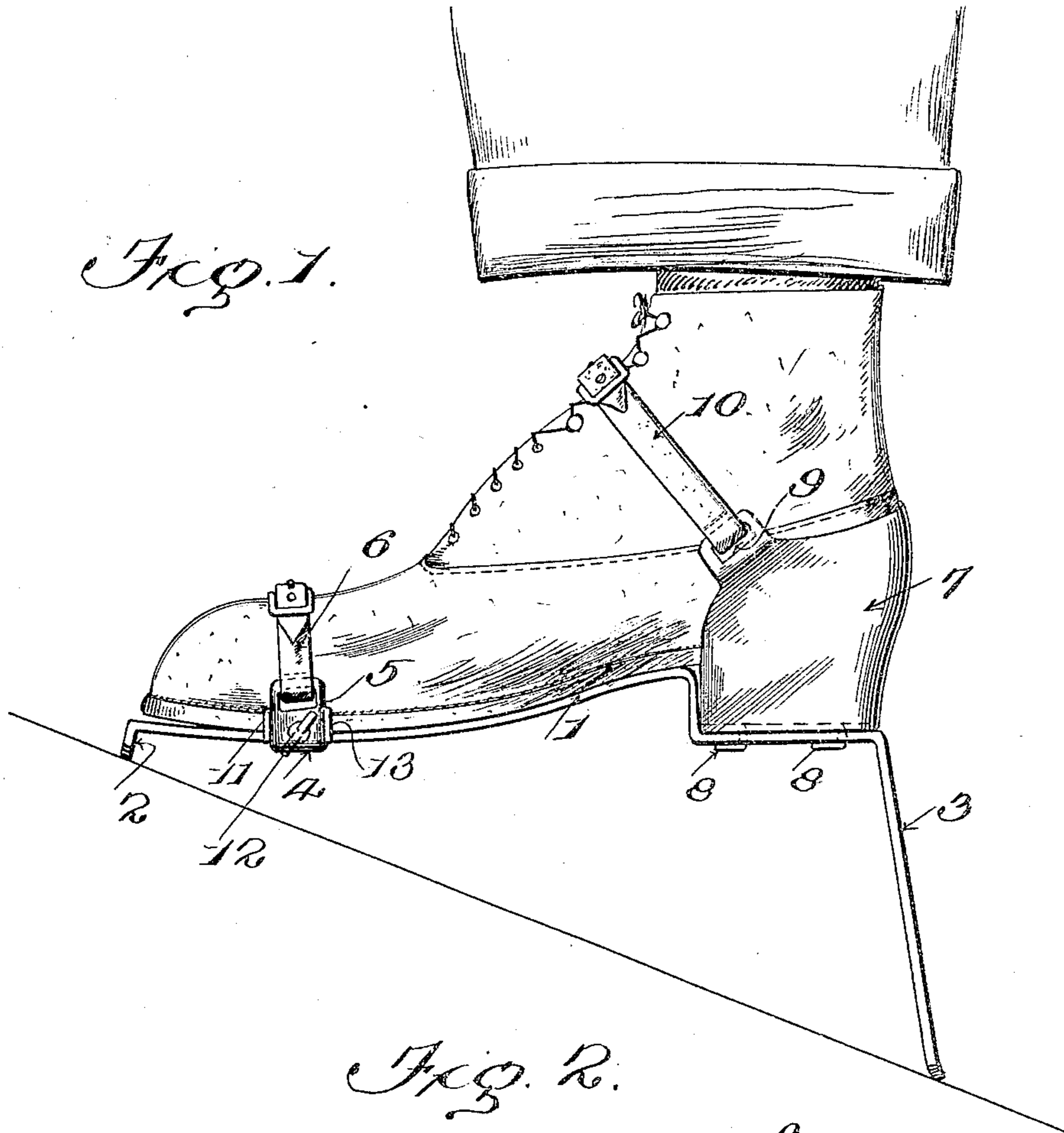
C. W. PHINNY.

ROOF SHOE.

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958,277.

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UNITED STATES PATENT OFFICE.

CHRISTOPHER W. PHINNY, OF BROWNWOOD, TEXAS.

ROOF-SHOE.

958,277.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, CHRISTOPHER W. PHINNY, citizen of the United States, residing at Brownwood, in the county of Brown and State of Texas, have invented certain new and useful Improvements in Roof-Shoes, of which the following is a specification.

This invention has for its primary object a simple, durable and efficient construction of shoe attachment for use by carpenters and other workmen in laying, repairing or otherwise working upon a shingle roof, and the invention consists in certain constructions and arrangements of the parts that I shall hereinafter fully describe and claim.

For a full understanding of the invention reference is to be had to the following description and accompanying drawing, in which:—

Figure 1 is a side elevation of a roof shoe constructed in accordance with my invention, and Fig. 2 is a top plan view thereof, the attaching straps being omitted.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawing by the same reference characters.

My improved roof shoes are to be made to fit different sized boots or shoes and each of the roof shoes comprises a preferably steel base-plate 1 which is preferably shaped to fit the sole and heel of an ordinary leather boot or shoe, the front edge of the base-plate 1 being bent downwardly and toothed or serrated as indicated at 2, while the rear edge of the base-plate is downwardly extended to a greater length than the extension 2, as indicated at 3, being correspondingly toothed or serrated along its lower margin, as clearly illustrated in the drawing.

A transversely extending bar 4 secured, as by rivets, or other fastening devices to the lower face of the base-plate near the front end thereof, the extremities of said cross-bar 4 being turned upwardly along the side edges of the base-plate at 5 and being formed with openings to receive straps 6, said straps being preferably of leather being secured over the toe-portion of the wearer's foot by buckles or similar separable fastening devices.

A counter-plate 7 is formed with relatively short tangs 8 at any desired number,

clenched in openings formed for them in the base-plate 1 near the rear end of the latter, said counter-plate being adapted to extend around the heel portion of the wearer's boot or shoe, as clearly illustrated in the drawing. The counterplate 7 is formed, near its forward upper corners, with openings 9, the metal defined by said openings being bent outwardly sufficiently to receive instep straps 10 without binding against the wearer's foot. These straps may be detachably connected together by a buckle or in any desired way.

As a further means of attaching the roof shoe to the boot, I use the clamp screw 12 whose inner end is formed with a clamp plate 11 having outwardly extending end portions 13 fitting on either side of the plate 5. The clamp screw 12 is screw-threaded to the plate 5. It will be obvious that by turning up the screw 12, the clamp is forced against the edge of the shoe, thus holding the plate 1 securely in place upon the sole of the shoe. It will be obvious that in a device of this character, it is particularly necessary that the roof shoe itself should be securely and immovably held upon the wearer's foot, as otherwise the device would be a source of danger, instead of a source of safety.

From the foregoing description, in connection with the accompanying drawing, the operation of my improved roof shoe will be apparent. In the practical use of the device, a pair of these roof shoes are secured to the boots or shoes of the workman, and, owing to the relatively short downward extension 2 and the relatively long heel extension 3, together with the roughened or serrated margins of these parts, the workman will be enabled to work securely on the roof and comfortably with his feet in a substantially horizontal position.

Having thus described the invention what is claimed as new is:—

A roof shoe, comprising a base plate formed with a relatively long downwardly projecting rear extension and a relatively short downwardly extending front extension, a cross bar secured to the base plate between the front ends thereof, and having upwardly extending ends, straps secured to said ends and adapted to pass over the foot, a clamp screw working through one of the

upwardly projecting ends of the cross bar,
a clamping plate secured to the inner end
of said screw and having outwardly turned
ends embracing the side edges of the cross
5 bar, a counterplate secured to the base plate,
and instep straps connected to said counterplate.

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

CHRISTOPHER W. PHINNY. [L. s.]

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