(No Model.)

A. F. MARSH.

OVERSHOE.

No. 588,158. Patented Aug. 17, 1897.

Fig. 1.

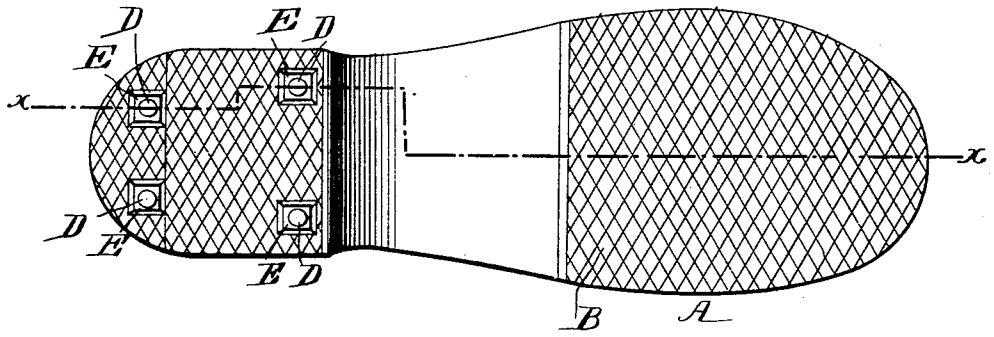


Fig. 2.

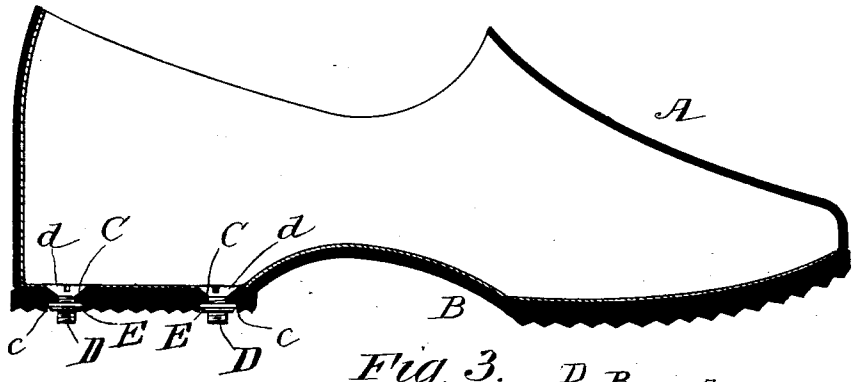
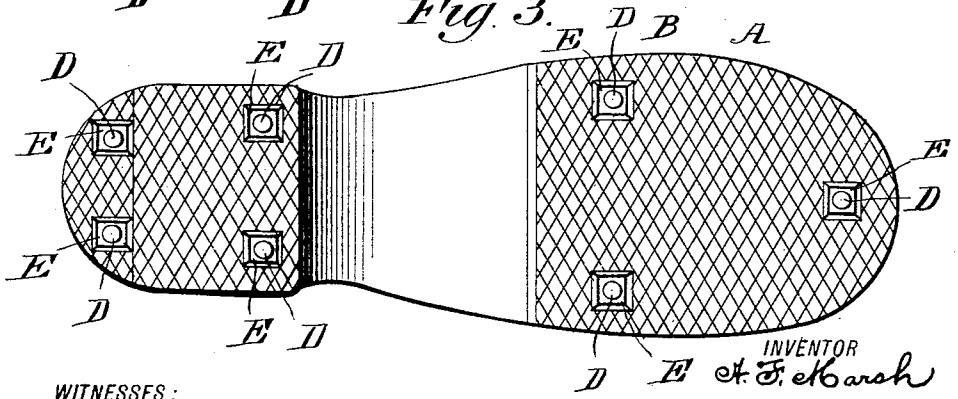


Fig. 3.



WITNESSES:
O. C. Wingo
M. G. McClure

INVENTOR
A. F. Marsh
BY
Church, Deemer & Co
ATTORNEYS.

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

ANDREW FERNANDO MARSH, OF NORTH PLAINFIELD, NEW JERSEY, ASSIGNOR OF ONE-HALF TO SAMUEL PETERS MARSH, OF EAST STROUDSBURG, PENNSYLVANIA.

OVERSHOE.

SPECIFICATION forming part of Letters Patent No. 588,158, dated August 17, 1897.

Application filed November 7, 1896. Serial No. 611,340. (No model.)

To all whom it may concern:

Be it known that I, ANDREW FERNANDO MARSH, a citizen of the United States, and a resident of the borough of North Plainfield, county of Somerset, and State of New Jersey, have invented certain new and useful Improvements in Overshoes, of which the following is a specification, reference being had to the accompanying drawings, forming a part thereof, in which similar letters of reference indicate corresponding parts.

This invention relates to improvements in overshoes, the object thereof being to supply an article of this character which is so constructed as to prevent slipping over iced or slippery surfaces, whereby a wearer can safely walk out in all kinds of weather.

The invention will be hereinafter fully described, and specifically set forth in the annexed claims.

In the accompanying drawings, forming part of this specification, Figure 1 is an inverted plan view of my improved shoe. Fig. 2 is a longitudinal sectional elevation thereof, taken on the line x x, Fig. 1; and Fig. 3 is an inverted plan view illustrating a slightly-modified form of shoe.

In the practice of my invention I supply, primarily, a shoe A, of rubber or other waterproof material, the shoe being of any ordinary approved form and having a thickened and roughened sole B, all portions of the shoe being formed integrally after the common manner of manufacturing rubber overshoes.

Through the heel portion of the shoe I form a plurality of openings C, adapted to receive screws D, the heads d of which are countersunk into the heel, whereby a smooth inner surface is provided therefor.

Upon the outer surface of the heel countersunk recesses c are provided, which said recesses receive nuts E, which are securely threaded to the screws D, and by their engagement with the recesses c they are securely locked to the screws and prevented from accidental turning thereon. The outer ends of the screws project beyond the surface of the sole for engagement with the iced surfaces to be walked on, whereby a pedestrian can readily walk upon ice or any other smooth surface.

When the screws are worn down so that they no longer project beyond the sole, the nuts can be removed therefrom and new screws inserted, whereby the life of the sole will be materially lengthened, owing to the fact that it does not come in direct contact with the ground. These projecting screws or creepers may be inserted through the heel portion of the shoe only, as illustrated in Fig. 1 of the drawings, or they may be applied to the forward part of the sole and to the heel, as illustrated in Fig. 3 of the drawings.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A shoe having a plurality of screws projected through the sole thereof, said screws having their heads countersunk into the inner surface of said sole and having nuts engaging with their projected outer ends, said outer ends having plane surfaces, substantially as shown and described.

2. A rubber or other flexible overshoe having countersunk apertures leading through the heel portion thereof, in combination with a plurality of screws with flat ends engaging the said apertures and projecting below the heel, said screws being secured therein by means of nuts which are countersunk into recesses depressed into the outer surface of the heel, substantially as shown and described.

3. The combination of a rubber shoe having a plurality of countersunk apertures leading through the heel and sole thereof; with a plurality of metallic headed screws threaded and flattened projections engaging with and leading through said apertures, and means for fastening the projections to the sole, substantially as shown and described.

In testimony that I claim the foregoing as my invention I have signed my name, in presence of two witnesses, this 29th day of October, 1896.

ANDREW FERNANDO MARSH.

Witnesses:

RICHARD ALEXANDER BOYCE,

WILLIAM EGBERT MATTISON.