

(No Model.)

J. E. SCOTT.
ICE CREEPER.

No. 502,324.

Patented Aug. 1, 1893.

FIG. 1

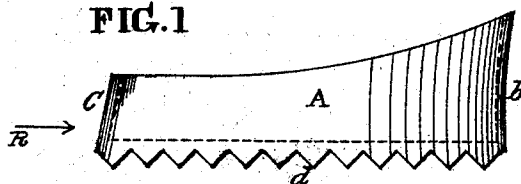


FIG. 2

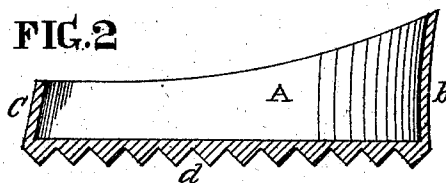


FIG. 3

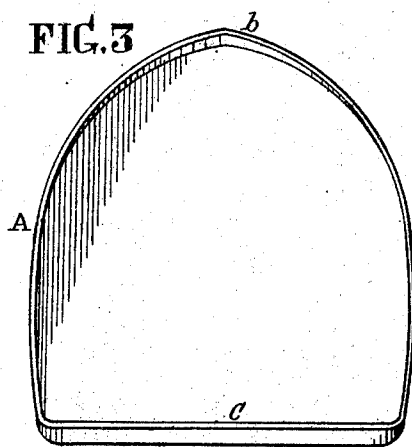
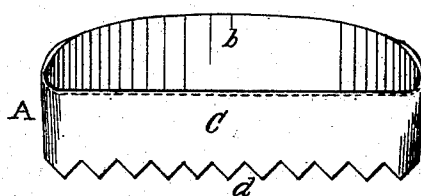


FIG. 4



Witnesses.
S. E. W. Bewley.
C. Moore.

Inventor
John E. Scott.
per Thomas J. Bewley, atty.

UNITED STATES PATENT OFFICE.

JOHN E. SCOTT, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR OF ONE-HALF
TO ROBERT L. RUSSELL, OF SAME PLACE.

ICE-CREEPER.

SPECIFICATION forming part of Letters Patent No. 502,324, dated August 1, 1893.

Application filed February 2, 1893. Serial No. 460,808. (No model.)

To all whom it may concern:

Be it known that I, JOHN E. SCOTT, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented a new and useful Improvement in Ice-Creepers, of which the following is a specification.

The invention consists of a supplemental, or inclosing heel for a boot, or shoe, constructed of a piece of india-rubber, or rubber coated fabric, so shaped within its inner surfaces, as to conform to the curvatures of the outer surfaces of the heel, and provided with an upwardly projecting flange that extends at a slight angle rearward laterally across the front surface of the heel. This upright flange being inclined slightly to the rearward, causes by contact with the straight forward surface of the heel, resistance sufficiently great to bind the creeper tightly and rigidly hold it in position upon the heel of the boot, without the aid of confining clamps, or screws, as will be more clearly understood from the following description, and accompanying drawings making a part of this specification, in which—

Figure 1, is a side elevation of my improved creeper. Fig. 2, is a vertical section of the same. Fig. 3, is a plan view. Fig. 4, is a front elevation, viewed in the direction of the arrow R, see Fig. 1.

Like letters of reference in all the figures indicate the same parts.

A, is the improved creeper, which has the rear portion *b*, extended at a slight angle

outward vertically, and of curved form circumferentially, so as to surround and conform to the outer surface of the curvature of the heel of a boot, and of sufficient height to secure a firm retaining hold thereon.

C, is a flange, forming part of the heel, extending upward from the sole of the creeper, and at a slight angle rearward laterally to the main portion A, in such a manner as to draw the rear portion *b*, forward, by reason of the resistance of the straight forward surface of the heel against the inclined inner surface of said flange C, thus retaining the creeper in position.

The outer surface *d*, of the sole of the creeper is formed into inverted pyramidal points, to clutch onto icy places.

I claim as my invention—

The herein described creeper, consisting of the integral elastic casing, conforming to the contour of the heel, and comprising a roughened, or corrugated base, and an upwardly projecting flange, or wall surrounding the same, the height of the wall being substantially the height of the heel and having the front wall set rearward, or at an angle less than a right angle with relation to the bottom of the creeper, to clasp the breast of the heel, substantially in the manner herein shown and described for the purpose set forth.

JOHN E. SCOTT.

Witnesses:

THOMAS J. BEWLEY,
S. H. WETHERILL.