

(No Model.)

J. R. RUSSELL.
ICE CREEPER.

No. 521,821.

Patented June 26, 1894.

Fig. 1.

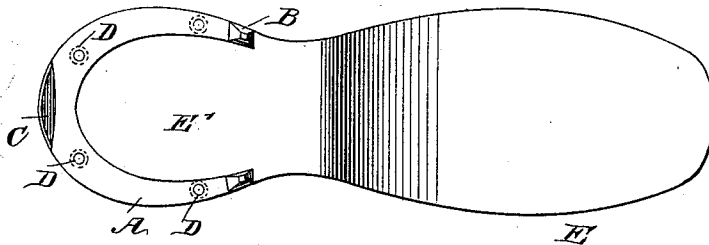


Fig. 2.

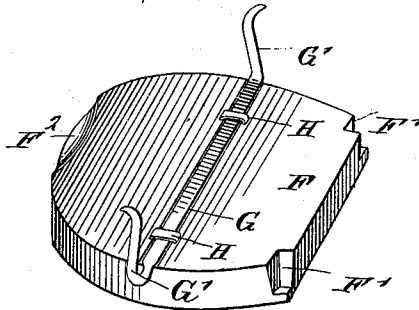
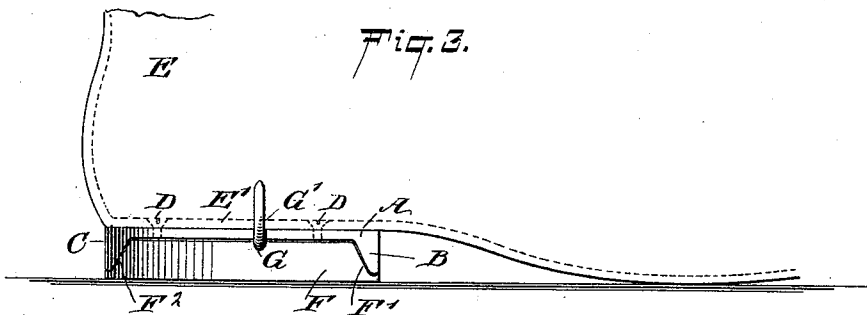


Fig. 3.



WITNESSES:

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JAMES ROGERS RUSSELL, OF HOPEWELL HILL, CANADA.

ICE-CREEPER.

SPECIFICATION forming part of Letters Patent No. 521,821, dated June 26, 1894.

Application filed July 14, 1893. Serial No. 480,483. (No model.)

To all whom it may concern:

Be it known that I, JAMES ROGERS RUSSELL, of Hopewell Hill, New Brunswick, Canada, have invented a new and Improved Ice-Creeper and Cover for the Same, of which the following is a full, clear, and exact description.

The invention is embodied in the construction and combination of parts hereinafter described and shown in the accompanying drawings, in which—

Figure 1 is an inverted plan view of the ice creeper applied. Fig. 2 is a perspective view of the cover; and Fig. 3 is a side elevation of the heel attachment as applied on the shoe.

The improvement is shown applied to a moccasin but it can be applied to any shoe or boot.

The ice creeper consists of a flat metallic plate A, bent in U-form as plainly shown in Fig. 1, and provided at its ends with calks B, and with the calk C, in the middle near the outer edge, as will be readily understood by reference to Figs. 1 and 3. The plate A is bent so as to conform to the shape of the rear or heel part of the sole E' of the moccasin E, and the said plate is attached to the sole by screws D, screwing through the sole into tapped apertures in the plate A. The screws are preferably formed with large flat heads which embed themselves in the soft material of the moccasin so as to form no rough projections on the inside thereof. By this arrangement the plate A can be readily removed from or attached to the moccasin whenever desired.

A device of this description, applied on a moccasin will enable the wearer thereof to readily walk over ice, slippery ground, or support him safely on trees while cutting the

same. It will also greatly aid the wearer in walking on slippery hills in winter time. Now when the operator enters a house or does not intend to use the ice creeper, he applies a block F made of leather, wood, metal or other suitable material and conforming in shape to the plate A. This block is formed on its top surface with recesses F' and F² for engagement with the calks B B and C respectively, to fit the top surface of the block F snugly on to the under side of the plate A as will be readily understood by reference to Fig. 3. In order to securely hold this block temporarily in place on the moccasin and permit of conveniently removing it whenever desired, I provide a clamping bar G secured by staples H in a recess in the top surface of the block F as shown in Fig. 2. The ends G' of the bars G are bent upwardly and curved to form spring clamps adapted to engage the sides of the moccasin to securely hold the block F in place and thereby cover up the calks and plate A, and form a heel for the moccasin.

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

As a new article of manufacture, a cover for ice creepers, consisting of a block recessed to receive the spurs or projections of the creeper, and a clamp for securing the cover to a boot or shoe over the creeper, consisting of a bar secured to the block and having its ends bent upwardly and outwardly, as set forth.

JAMES ROGERS RUSSELL.

Witnesses:

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