

T. Symonds,
Ice Creeper,
No. 51,241, Patented Nov. 28, 1865.

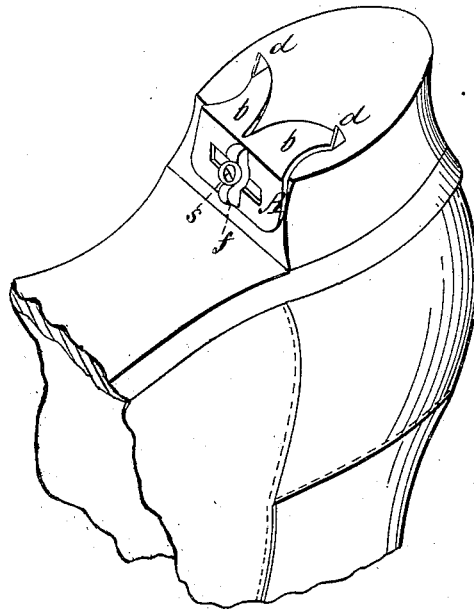


Fig. 1

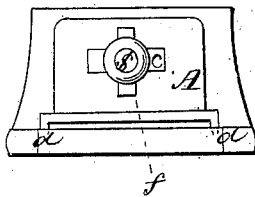


Fig. 2

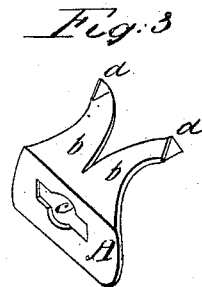


Fig. 3

Witnesses
William H. Clifford
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Inventor
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UNITED STATES PATENT OFFICE.

THOMAS SYMONDS, OF PORTLAND, MAINE.

IMPROVEMENT ON HEEL-CALKS.

Specification forming part of Letters Patent No. 51,241, dated November 28, 1865.

To all whom it may concern:

Be it known that I, THOMAS SYMONDS, of Portland, in the county of Cumberland and State of Maine, have invented a new and Improved Heel-Calk for Ladies' Boots and Shoes; and I hereby declare the following to be a full, clear, and exact description thereof, reference being made to the accompanying drawings, making part of this specification, in which—

Figure 1 shows a perspective of my invention attached to the heel; Fig. 2, an end view of the same reversed; Fig. 3, a perspective of the detachable plate.

My invention consists in a plate having a slot and bent so as to form a right angle, with one part thereof formed into two arms or prongs, with the ends pointed and turned up to serve as holders when the user is walking, and in the use of a button to secure the device to the forward part of the heel. The plate is bent in order to fit over the heel when secured for using, as seen in Fig. 1, and so as to fit into the space immediately in front of the heel when reversed, as shown in Fig. 2. In either case it is secured by the button *f*. The plate *A* is not secured immediately to the forward end of the heel, but rests on another permanently affixed thereto, and through which the screw *S* passes.

The plate *A* is applied to the heel by turning the button *f* so that it will pass through the slot *c*, and then by turning it in a position at

right angles to the slot it will hold the plate rigidly in position.

The plate *A* is so constructed that when the button is turned to hold it in position it presses with considerable force on either side of its pivot *S*, and cannot be easily turned.

When to be used the plate is placed on the heel with the arms or prongs *b b* resting on the bottom of the heel, as shown in Fig. 1. When not needed the plate is reversed, with the prongs lying on the sole of the instep of the boot or shoe, and the points inserted into holes made to receive them, and the corner between the sole of the boot and the heel receiving the corner of the bent plate, as shown in Fig. 2.

When any change in the position of the plate is desired, it must be taken from off the heel to be turned, but can be worn on the heel when either in use or not.

The plate *A* is intended to be made of sheet-steel.

What I claim as my invention, and desire to secure by Letters Patent, is—

The combination of the plate *A*, having the slot *c*, the prongs *b b*, and turned-up points *d d*, with the button *f*, as and for the purposes described.

THOMAS SYMONDS.

Witnesses:

WILLIAM H. CLIFFORD,
J. C. PLUMER.