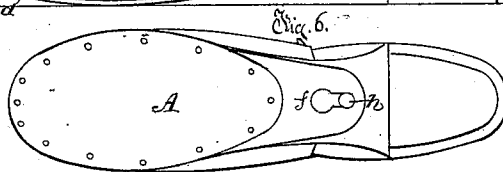
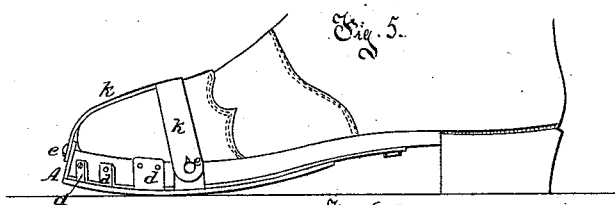
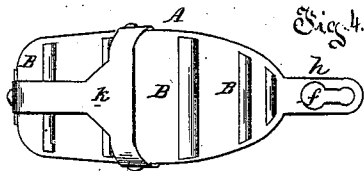
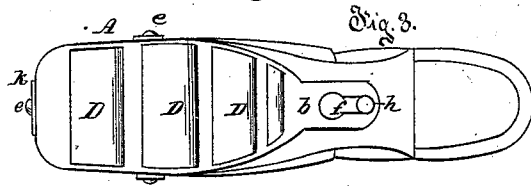
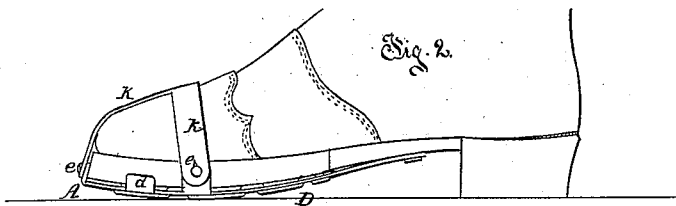
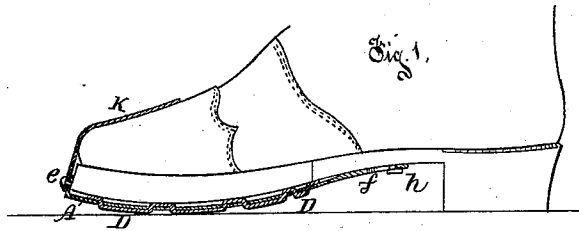


M. Warne,

Ice Creeper.

No. 83229.

Patented Oct. 20. 1868.



Witnesses { *Wm. Steel.*
Ernst Schiffo

Mahlon Warne
by his attorney
Henry Howson

United States Patent Office.

MAHLON WARNE, OF PHILADELPHIA, PENNSYLVANIA.

Letters Patent No. 83,229, dated October 20, 1868.

IMPROVED SABOT.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, MAHLON WARNE, of Philadelphia, Pennsylvania, have invented an Improved Sabot; and I do hereby declare the following to be a full, clear, and exact description of the same.

My invention consists, firstly, of a metal plate, of a shape similar to that of the sole of a boot or shoe, and secured to the latter by the devices described hereafter, and, secondly of a strip of cloth, or equivalent fabric, secured to the said plate, in such a manner as to be easily removed therefrom when worn out, and by the use of which the efficiency of the sabot, as a means of preventing falls in walking over slippery sidewalks, &c., is greatly increased.

In order to enable others to make and use my invention, I will now proceed to describe its construction and operation, reference being had to the accompanying drawing, which forms a part of this specification, and in which—

Figure 1 is a sectional view of my improved sabot, applied to a boot or shoe;

Figure 2, a side view of the same;

Figure 3, an inverted plan view;

Figure 4, a plan view of the sabot, detached from the boot or shoe; and

Figures 5 and 6, views illustrating a modification of my invention.

A is a metal plate, of a shape corresponding to that of the sole of a boot or shoe, and terminating at its rear end in a projection, *b*.

A number of transverse slots, *B*, are cut in the plate *A*, and a strip, *D*, of cloth, coarse linen, or similar fabric, is passed through these slots, as shown best in fig. 1, one or both ends of the said strip being so sewed, or otherwise secured, as to prevent accidental withdrawal from the plate.

The edges of the plate *A*, near the front of the same, are turned up, so as to form projections, *d*, which serve to confine the said plate to the toe of the boot, and to these projections are riveted, or otherwise secured, buttons *e*.

A T-shaped strip of leather, *k*, which forms a toe-piece for the sabot, is secured to two of the buttons *e*, and is arranged to be attached to the third, as will be hereafter described.

A longitudinal slot, *f*, enlarged at its front end, is cut in the projection *b* of the plate *A*, and a screw, *h*,

arranged to enter this slot, is driven into the sole of the boot, in front of the heel.

When the sabot is to be secured to the boot or shoe, the head of the screw *h* is passed through the enlarged end of the slot *f* of the plate *A*, and the latter is then drawn forward, the head of the screw being thus confined within the narrow portion of the slot, in which position it aids in preventing any lateral movement of the plate, and the fastening is completed, and all longitudinal motion of the plate prevented, by the leather strip *k*, which is passed over the toe of the boot or shoe, and attached to the buttons *e*.

In ordinary sabots, the socket for the toe of the boot is of such a form that, while it will receive the round toe of one boot, it will not permit the introduction of the square toe of another. By my improvement, owing to the peculiar form of the strip *k*, the sabot may be secured as firmly to one form of boot as to another.

By the application of cloth, or equivalent fabric, to the under side of the plate *A*, the efficiency of the sabot, when used in walking over slippery sidewalks, &c., is greatly increased, and it will be evident that the strips of cloth, when attached to the sabot in the manner described, may be easily removed, and replaced by others whenever they have become worn, and unfit for further use.

The strip of cloth may, however, be dispensed with, if desired, and a piece of leather, cut to the required shape, may be riveted to the plate, as shown in the modification, figs. 5 and 6.

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

1. The T-shaped strip *k*, secured at two of its ends to a plate, *A*, and having in the other end an opening, for the reception of a button on the plate, substantially as and for the purpose described.

2. A strip, *D*, of cloth, or equivalent fabric, secured to the plate *A*, in the manner described.

In testimony whereof, I have signed my name to this specification in the presence of two subscribing witnesses.

MAHLON WARNE.

Witnesses:

JOHN WHITE,
C. B. PRICE.