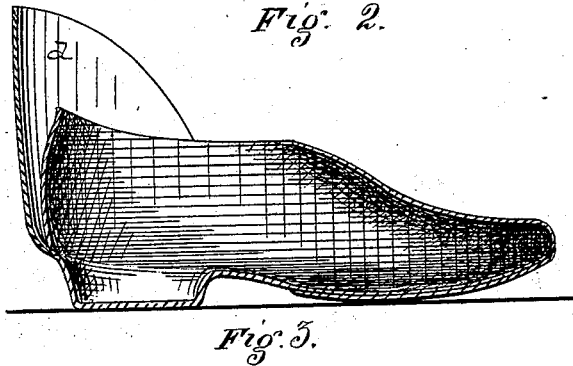
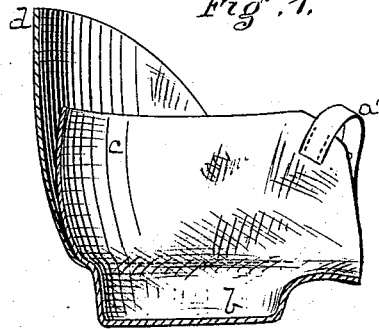
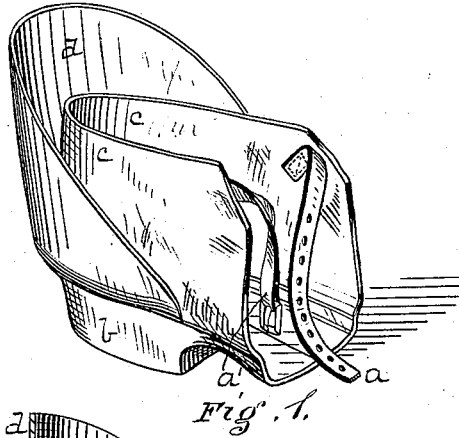


W. H. EWING.
Pantaloons Protector.

No. 209,162.

Patented Oct. 22, 1878.



Witnesses
Francis L. Clark
Claudius L. Parker

Inventor William H. Ewing,
By Attorney George H. Christy

UNITED STATES PATENT OFFICE.

WILLIAM H. EWING, OF PITTSBURG, PENNSYLVANIA, ASSIGNOR TO
WILLIAM M. CROFT, OF SAME PLACE.

IMPROVEMENT IN PANTALOOON-PROTECTORS.

Specification forming part of Letters Patent No. **209,162**, dated October 22, 1878; application filed
April 11, 1878.

To all whom it may concern:

Be it known that I, WILLIAM H. EWING, of Pittsburg, county of Allegheny, State of Pennsylvania, have invented or discovered a new and useful Improvement in Pantaloon-Protectors; and I do hereby declare the following to be a full, clear, concise, and exact description thereof, reference being had to the accompanying drawing, making a part of this specification in which—like letters indicating like parts—

Figure 1 is a perspective view of my improved pantaloon-protector in what I regard as the best mode of its construction for most uses. Fig. 2 is a sectional view thereof, and Fig. 3 shows the same invention when applied as a permanent attachment to or part of an overshoe.

The object of my improvement is to provide an attachment, either permanent or removable, to an ordinary boot or shoe, such as will protect the rear lower edge of pantaloon-legs from mud, and also from being trampled under the heel and worn out when wet, and, of course, will in like manner protect the rear face of the boot or shoe heel.

In one form of my improvement (illustrated in Figs. 1 and 2) I make a removable sock or heel attachment, to be buckled by straps *a a'*, or otherwise secured, at pleasure, onto the boot or shoe heel of the user. Preferably the heel-piece *b* extends under the boot or shoe heel to the shank, arch, or narrow part of the sole, and the sock extends upon the rear of the heel by a piece, *c*. Outside of this, and at a little distance from it, is the outer piece, *d*, the distance between the two being such that the rear lower edge of a pantaloon-leg may be inserted therein, and so protected as against mud or filth. The sock in this construction is made removable, so that the user can put it on and take it off, as the conditions of weather, roads, or sidewalk may suggest. The space between the parts *c* and *d* follows the general curvature of the boot or shoe, so that the "set" or "fit" of the pantaloon-leg will not be interfered with.

As illustrated in Fig. 3, the outer piece, *d*, may be made as a permanent attachment to the boot or shoe, so as to leave a space inside the same, within which the rear lower edge of the pantaloon-leg may rest to keep it out of the mud. This mode of using the invention will be chiefly useful as applied in the manufacture of india-rubber overshoes.

In either form of the apparatus the pantaloon-leg may be worn outside—as, for example, when there are indications of rain, and the user wishes to be provided against water or mud when the rain comes. He then can raise his pantaloon-legs a little and drop the lower ends inside the piece *d*.

The curved form of the pieces *d* and *c* tend to give them the requisite stiffness to keep their proper form, even though made of light material; and this material may be either rubber or any of the various kinds of leather which may be suitable for such use.

By extending the piece *c* higher up and so shaping it as to cover the rear portion of the limb, with, if desired, suitable straps to keep such extended part in place, the device will be well adapted for ladies' wear. In such case the piece *d* is not essential.

This device, as before stated, may be made light, and it will therefore offer but little or no inconvenience in walking.

I claim herein as my invention—

1. The pantaloon-protector *d*, attached at its lower edge to the boot or shoe, and open at its upper edge for the pantaloon-leg to pass between it and the boot or shoe, substantially as described.

2. The combination, in a pantaloon-protector, of the pieces *c d*, heel-piece *b*, and fastening-straps *a a'*, substantially as set forth.

In testimony whereof I have hereunto set my hand.

WILLIAM H. EWING.

Witnesses:

J. J. MCCORMICK,
CLAUDIUS L. PARKER.