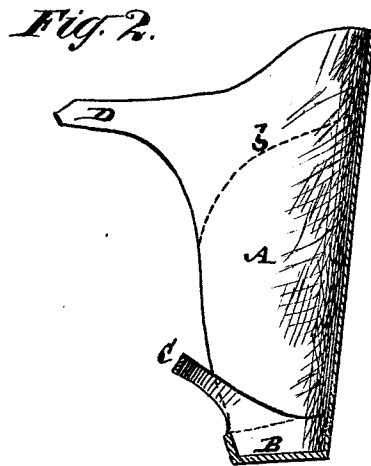
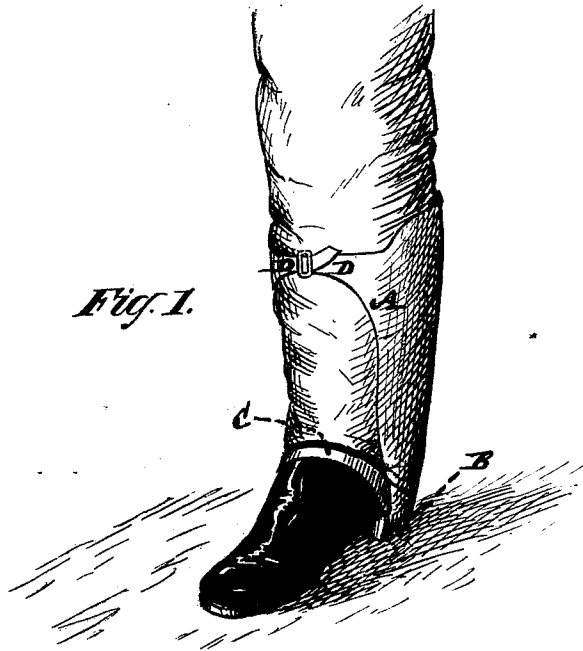


J. I. HOWARD & C. D. HAYWARD.

PANTALOON-PROTECTOR.

No. 185,923.

Patented Jan. 2, 1877.



Witnesses

John Becker.
Fred. Hume.

J. Irving Howard
Calvin D. Hayward
Lydia A. Howard
Rowntree Allen

UNITED STATES PATENT OFFICE

J. IRVING HOWARD AND CALVIN D. HAYWARD, OF NEW YORK, N. Y.

IMPROVEMENT IN PANTALOO-PROTECTORS.

Specification forming part of Letters Patent No. **185,923**, dated January 2, 1877; application filed March 11, 1876.

To all whom it may concern:

Be it known that we, J. IRVING HOWARD and CALVIN D. HAYWARD, both of the city, county, and State of New York, have jointly invented certain new and useful Improvements in Pantaloon-Protectors; and we do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing, which forms part of this specification.

This invention consists in a readily applied and removable covering or protector for the lower portions of pantaloons-legs, consisting of a longitudinally-open body portion having an attached hollow heel-seat and upper and lower fastening-straps, as hereinafter more fully described.

In the accompanying drawing, Figure 1 represents a view in perspective of a pantaloons-protector constructed in accordance with our invention, and as applied to the person. Fig. 2 is a vertical or longitudinal section of the same in direction of the length of the foot.

A is the body portion of the protector, which may be made of rubber, leather, or any other suitable material, and of sufficient dimensions to cover or take in the lower portion of the leg of the pantaloons, with an opening or cut-

away portion up the front. B is the attached heel-seat, which is constructed to form a receiving space or chamber for the heel of the boot or shoe within it, and is made of rubber, leather, or any other suitable material. Attached to this heel-seat in front, or to the lower front portion of the longitudinal edges of the body portion A is a strap, C, arranged to admit the boot or shoe, which is entered toe first through it, and so that said strap passes over the instep of the foot.

In order to retain the upper portion of the body A in position around the leg, it is provided or constructed with a fastening-strap, D, as shown.

A pantaloons-protector thus constructed is readily applied or removed without any necessary soiling of the hands.

We claim—

A pantaloons-protector, consisting of a longitudinally-open body portion, A, having an attached hollow heel-seat, B, and fastening-straps C and D, substantially as specified.

J. IRVING HOWARD.

CALVIN D. HAYWARD.

Witnesses:

HENRY T. BROWN,

MICHAEL RYAN.