

(No Model.)

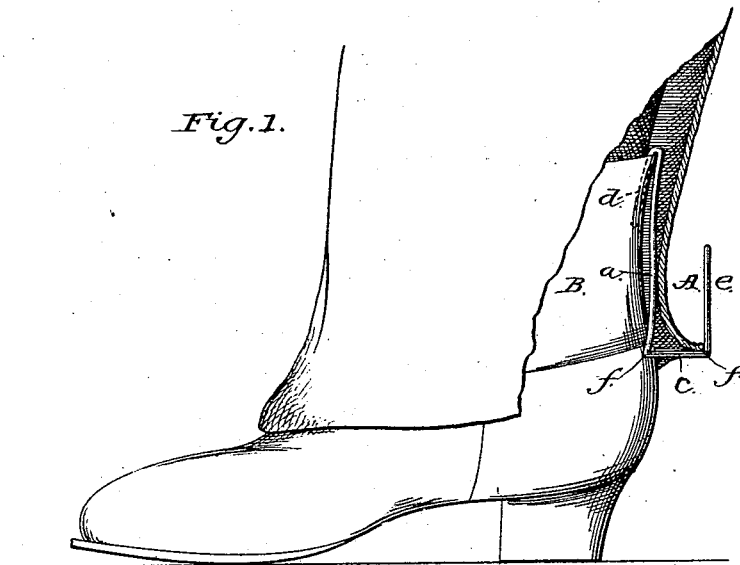
J. D. HANAN.

PANTALOONS PROTECTOR.

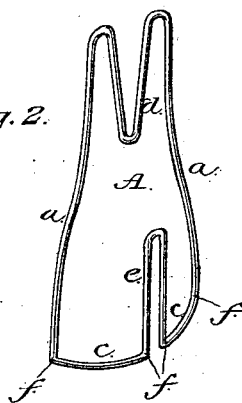
No. 346,652.

Patented Aug. 3, 1886.

*Fig. 1.*



*Fig. 2.*



WITNESSES:

*John A. Ellis.*  
*C. Sedgwick*

INVENTOR:

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# UNITED STATES PATENT OFFICE.

JAMES D. HANAN, OF BROOKLYN, NEW YORK.

## PANTALOONS-PROTECTOR.

SPECIFICATION forming part of Letters Patent No. 346,652, dated August 3, 1886.

Application filed May 10, 1886. Serial No. 201,704. (No model.)

*To all whom it may concern:*

Be it known that I, JAMES D. HANAN, of the city of Brooklyn, in the county of Kings and State of New York, have invented a new and Improved Pantaloon-Protector, of which the following is a full, clear, and exact description.

The invention consists of the special construction of the protector, as hereinafter described and claimed.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in both the figures.

Figure 1 is a side elevation of my protector, shown in position for use; and Fig. 2 is a perspective view of the protector.

A represents the protector attached to the top of the shoe B by the tongue *d*, so that the supporting-pieces *c c* elevate the bottom of the pantaloons, the same being retained thereon by the upwardly-projecting finger or point *e*.

In forming the protector I prefer to use a circular piece of wire with its ends welded to-

gether. This I bend to form the curved side pieces, *aa*, the downwardly-projecting tongue *d*, and the upwardly-projecting retaining-finger *e*. This done I form the four sharp bends *f* in the wire, and then curve the supporting-pieces *c* thus formed outward, so they will fit the heel of the shoe and set the retaining-finger *e* back from the heel, so there will be no difficulty in placing the bottom of the pantaloons upon the supports *c*, between the finger *e* and the heel of the shoe.

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

As an improved article of manufacture, the pantaloons-protector A, made of wire bent to form the side pieces, *a*, tongue *d*, outwardly-curved supports *c c*, and upwardly-projecting finger *e*, substantially as described.

JAMES D. HANAN.

Witnesses:

H. A. WEST,  
EDGAR TATE.