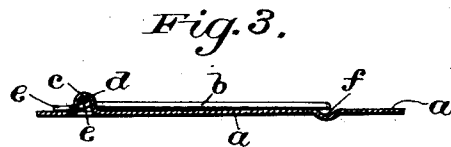
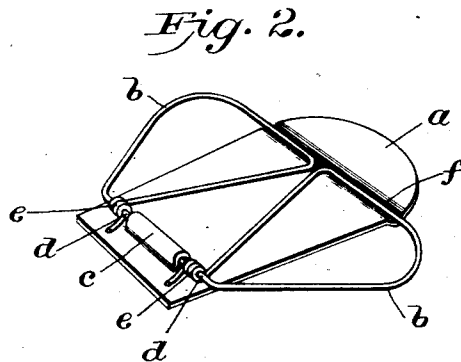
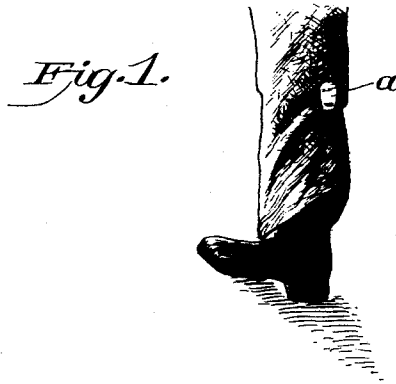


(No Model.)

E. I. PYLE.
TROUSERS SUPPORTER.

No. 525,513.

Patented Sept. 4, 1894.



WITNESSES:

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UNITED STATES PATENT OFFICE.

EDWIN I. PYLE, OF BRIDGEPORT, CONNECTICUT, ASSIGNOR OF ONE-HALF
TO EDWARD A. WILLIAMS, OF BROOKLYN, NEW YORK.

TROUSERS-SUPPORTER.

SPECIFICATION forming part of Letters Patent No. 525,513, dated September 4, 1894.

Application filed November 18, 1893. Serial No. 491,346. (No model.)

To all whom it may concern:

Be it known that I, EDWIN I. PYLE, a citizen of the United States, residing at Bridgeport, in the county of Fairfield and State of Connecticut, have invented certain new and useful Improvements in Trousers-Supporters; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to certain new and useful improvements in devices for supporting trousers and consists in the details of construction and combination of elements as will be more fully hereinafter set forth.

The object of my invention is to provide a device simple in construction and which may be quickly applied to trousers to hold the bottoms thereof, particularly the rear portion, elevated to prevent the same from trailing on the ground in wet weather.

Referring to the accompanying drawings—Figure 1 is a perspective showing my device applied in proper position on the trousers-leg. Fig. 2 is a detail perspective of the trousers supporter, and Fig. 3 a sectional elevation of the same.

Similar letters of reference denote like parts in the several figures of the drawings. *a* is a flat plate having hinged thereto the resilient wire loops *b, b*.

c is a socket formed on the plate *a*, and *d* a pintle in said socket, said pintle being formed integral with the wire loops *b, b*.

e, e, are springs made by coiling the ends of the wire which forms the loops *b, b*, around the pintle *d*, the extremities of such wire resting against the plate *a* so that said springs *e, e*, operate to keep the loops *b, b*, pressed against the plate *a*.

f is a groove extending across the face of the plate *a* and within said groove the garment on which the device is worn is pressed by the spring loops *b, b*, in order to prevent said device from slipping out of proper position.

To apply my device, a fold or tuck is made in the rear of the garment, near the bottom (as shown in Fig. 1) and said device is then placed in position by opening the spring loops *b, b*, against the resiliency of the spring *e, e*, and inserting said loops within the fold of cloth and releasing them. The springs *c* will cause the loops to bind the cloth firmly between said loops and plate *a*.

The spring loops *b, b*, yield readily to the muscular action of the leg of the wearer so that no discomfort will be experienced by using the device.

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

The combination of the plate having the raised socket formed therewith, with the cross wires passed through said socket and bent on opposite sides of the latter to form extended loops, the extremities of the wires being coiled around the cross wires and bearing against the plate whereby a spring is formed and said loops caused to bear normally against said plate and with an independent spring action, the cross wire and loops being formed from a single piece of wire and said loops extending in the same direction, substantially as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

EDWIN I. PYLE.

Witnesses:

F. W. SMITH, Jr.,
J. S. FINCH.