

L. C. WARNER.
SUSPENDERS.

No. 186,775.

Patented Jan. 30, 1877.

Fig. 1.

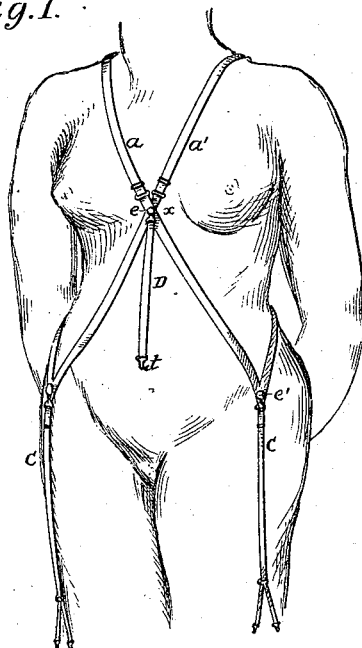


Fig. 2.

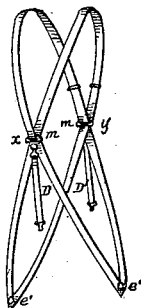
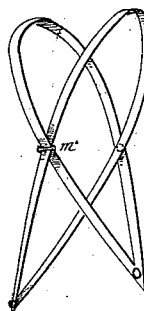


Fig. 3.



Attest:

J. M. Green
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L. C. Warner
By his attorney
Charles E. Foster.

UNITED STATES PATENT OFFICE.

LUCIEN C. WARNER, OF NEW YORK, N. Y.

IMPROVEMENT IN SUSPENDERS.

Specification forming part of Letters Patent No. **186,775**, dated January 30, 1877; application filed December 18, 1876.

To all whom it may concern:

Be it known that I, LUCIEN C. WARNER, of the city, county, and State of New York, have invented Improvements in Supporters, of which the following is the specification:

The object of my invention is a supporter, constructed as described hereafter, to support various articles of ladies' wear, and to prevent the body from being pressed upon, and to avoid that interference with the movements of the wearer resulting from the cross-bands in supporters as usually made.

In the accompanying drawing, Figure 1 illustrates the construction and application of my improved supporter, and Figs. 2 and 3 modifications.

Stocking-supporters as ordinarily constructed are objectionable, as they restrict the movements of the body, owing to the use of bands crossing the back or breast or encircling the waist.

My object has been to avoid the use of any cross-bands or waist-bands whatever, and to so place the supporting-strap that, while the strain will be in nearly straight lines from the shoulders as points of support, the straps will not in the least bind the body, impede circulation, or restrict the wearer's movements.

The further object is to afford a comfortable and ready attachment and support for the usual bandage.

For these purposes I construct the supporter of straps *a a'*, each extending over one of the shoulders, crossing the breast and back diagonally, with the lower ends connected together at a point at the side of the leg near the thigh, as shown in Fig. 1.

The straps are capable of extension and retraction, and are brought together or cross at the points *x y*, at the front and back, and a button, hook, or other fastening, *e*, is secured at each of said crossings, and other buttons *e'* are placed at the lower ends of the straps. The stocking-supporters *C C* are connected to the lower buttons and to the stockings, each stocking being thus supported by a strap

crossing the opposite shoulder, and hanging freely, so as to accommodate itself to all the movements of the body without restricting the motion or binding on any part thereof. This arrangement allows of a most convenient and accommodating support and attachment for the bandage, the ends of which are secured to clasps or attachments *t* at the lower ends of bands *D D'*, hung detachably from the buttons or other retainers *e*.

Both shoulder-straps may consist of one piece passing through loops *m m*, to which the ends of two side traps are connected, as shown in Fig. 2; or the entire supporter may be made of one strap folded, looped, and having a sliding connection at *m'*, as shown in Fig. 3. It will be seen, however, that these constructions all constitute practically two continuous straps extending each over one shoulder to the side of the opposite leg, and are equivalents of each other.

It will be apparent that the supporter may be cheaply constructed, and is easily adjustable to fit persons of different sizes.

I claim—

1. A supporter consisting of straps *a a'*, arranged to cross the shoulders, united at the back and front, and extending to the sides, and there provided with attachments for the stocking-bands, substantially as set forth.

2. A stocking-supporter consisting of straps bearing upon the shoulders, and extending to the sides, crossing the chest and back, as specified, whereby each stocking is supported by the strap bearing on the opposite shoulder, as set forth.

3. The combination, with a stocking-supporter bearing upon the shoulders, of central straps *D D'*, for the purpose specified.

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

LUCIEN C. WARNER.

Witnesses:

H. J. BURROWS,
GEO. S. BANTING.