

(No Model.)

L. E. NOBLE.
TROUSERS STRETCHER.

No. 549,525.

Patented Nov. 12, 1895.

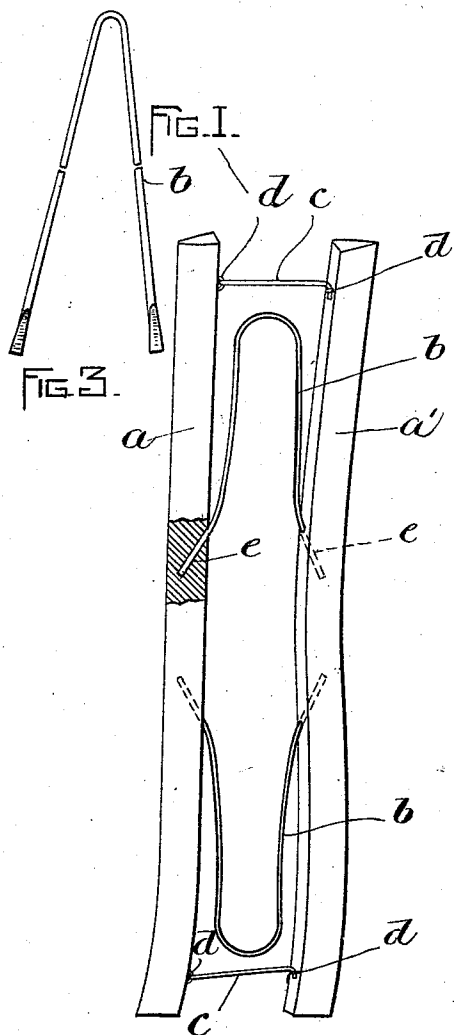
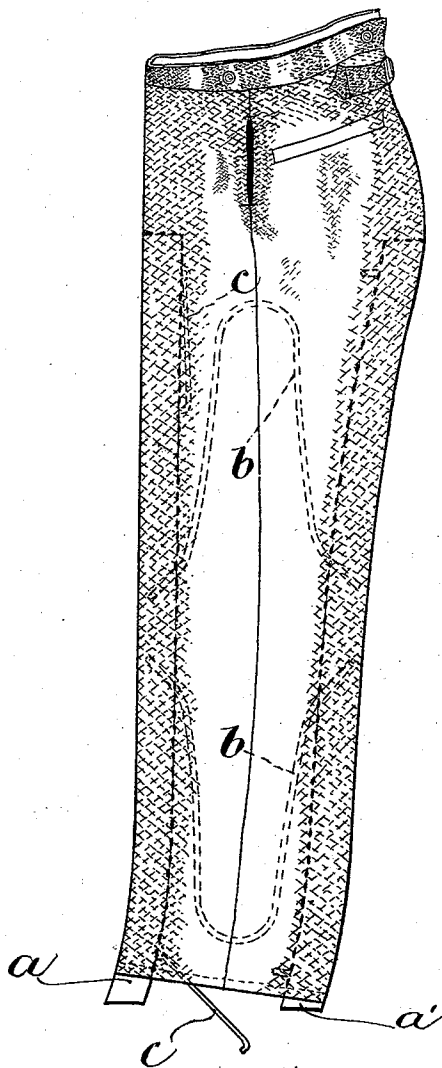


FIG. 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

LOUIS E. NOBLE, OF BOSTON, MASSACHUSETTS.

TROUSERS-STRETCHER.

SPECIFICATION forming part of Letters Patent No. 549,525, dated November 12, 1895.

Application filed November 30, 1894. Serial No. 530,304. (No model.)

To all whom it may concern:

Be it known that I, LOUIS E. NOBLE, a citizen of the United States, residing in the city of Boston, in the county of Suffolk and State of Massachusetts, have invented a new and useful Improvement in Trousers-Stretchers, of which the following, taken in connection with the accompanying drawings, is a specification, reference being made to the accompanying drawings, forming a part of the specification.

The invention relates to a device for forming into proper shape the legs of trousers, whereby the necessity of pressing may be obviated.

Figure 1 is a side and partially perspective view showing the device clamped in its proper form ready for insertion into the trousers-leg. Fig. 2 shows the trousers with the stretcher inserted and released from its contracting-hooks and exercising its expansive force to give the desired form. Fig. 3 is a spring of the required form.

Referring to the drawings, *a* is a piece of wood having its outer side reduced to an edge to properly crease the cloth and having the outline from end to end, as desired, in the front of the trousers-leg. *a'* is a similar piece of wood having the same kind of edge as *a*, and having its outline from end to end of the form required for the back of the trousers-leg.

b b are U-springs, the ends being straight and flattened, as shown in Fig. 3.

c c are hooks held in *a* by staples *d d* and

engaging staples *d d* in *a'* when the stretcher is compressed.

e e are holes in *a* and *a'*, bored at such an angle as to form a bearing at their outer ends, over which the straight ends of springs *b b* are compressed, thus getting the effect of three springs in the outward pressure exerted by each of the springs *b b*.

In the manufacture of my trousers-stretcher I form the wooden pieces *a* and *a'* as shown in Fig. 1, and the springs *b b* as shown in Fig. 3, with the ends flattened to prevent their turning in the holes, then separate the wood pieces sufficient to allow the straight ends of the springs to enter the holes in a straight line, thereby insuring the effect in outward pressure of three springs in one when pressed together and inserted into the trousers-leg.

Having thus described my invention, I claim and desire to secure by Letters Patent of the United States—

A trousers stretcher comprising the front and back rigid bars and the reversibly arranged U shaped springs having straight and flattened ends, said ends being embedded in the bars as shown.

In testimony whereof I have signed my name to this specification, in the presence of two subscribing witnesses, on this 27th day of November, A. D. 1894.

LOUIS E. NOBLE.

Witnesses:

O. L. NOBLE,

H. STORER BARRY.