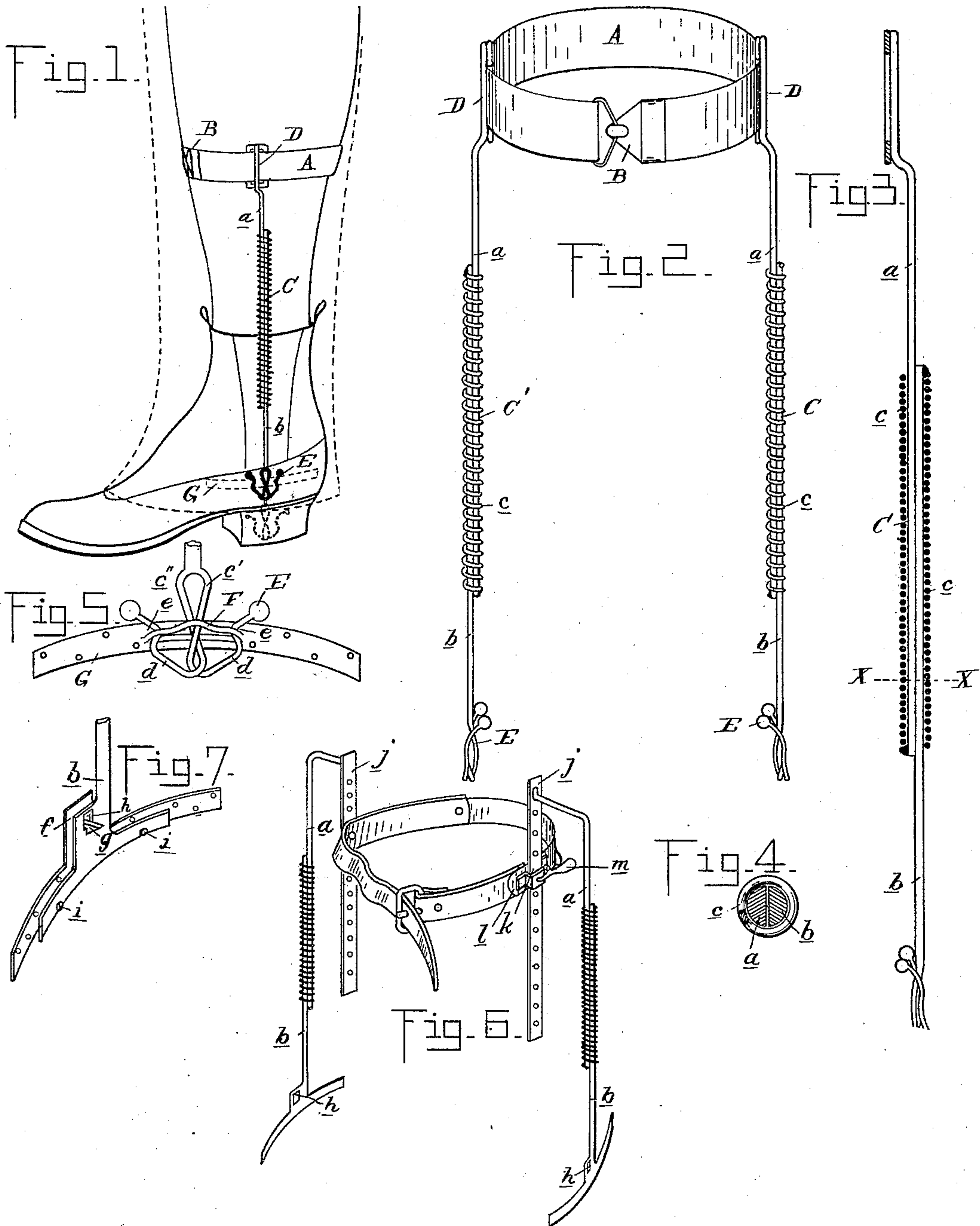


(No Model.)

L. SELLING.
TROUSERS SHAPING DEVICE.

No. 415,575.

Patented Nov. 19, 1889.



Witnesses:

Wm. A. Gregg
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By *Thos. McQueen*
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UNITED STATES PATENT OFFICE.

LOUIS SELLING, OF DETROIT, MICHIGAN, ASSIGNOR TO JOSEPH L. SELLING,
OF NEW YORK, N. Y.

TROUSERS-SHAPING DEVICE.

SPECIFICATION forming part of Letters Patent No. 415,575, dated November 19, 1889.

Application filed March 25, 1889. Serial No. 304,727. (No model.)

To all whom it may concern:

Be it known that I, LOUIS SELLING, a citizen of the United States, residing at Detroit, in the county of Wayne and State of Michigan, have

5 invented certain new and useful Improvements in Trousers-Shape Perfecters, of which the following is a specification, reference being had therein to the accompanying drawings.

10 This invention relates to new and useful improvements in a device for perfecting the shape of trousers when upon the wearer, and commonly called a "trousers - shape perfecter."

15 The invention consists in the peculiar combinations and the construction of parts, all as more fully hereinafter described and claimed.

In the drawings which accompany this specification, Figure 1 is a perspective view 20 of my device as in use. Fig. 2 is a perspective view of my device detached. Fig. 3 is a vertical central section through one of the spring-arms. Fig. 4 is an enlarged cross-section on line X X in Fig. 3. Fig. 5 is a detached perspective view of the spring-catch 25 and stay. Fig. 6 is a perspective view of a modification of my device for wear with boots. Fig. 7 is a detached view of the catch and stay as in Fig. 6.

30 A is a strap, preferably elastic, provided with a suitable catch or buckle B, and of suitable size to clasp about the leg of the wearer.

C C' are spring-arms engaging at their top with the strap. They may be fixedly secured 35 thereto or slidingly engaged therewith, either by a buckle or a friction-bar D, as shown in the drawings. The spring-arms are provided at their lower ends with a suitable spring-catch E, adapted to engage with a suitable 40 eye F, provided in the stay G, secured in the inner side of the trousers at or near the bottom. The arms C C' consist of two parts a and b, slidingly engaging upon each other, preferably of semicircular cross-section, as 45 shown in Fig. 4, and these are held together by the spiral spring c, the upper end of which is secured to the upper end of the part b, while the lower end is secured to the lower end of the part a. This construction allows 50 of the sliding up of the part b and the sliding down of the part a, the normal position being

when the spring is at rest, the spring being extended and under tension when either part is moved upon the other.

The parts being thus constructed, they are 55 intended to operate as follows: The strap is secured upon the leg of the wearer, preferably in such position as to encircle the top of the stocking and act as a garter or stocking-supporter, the lower ends of the arms C 60 C' extending a little distance below the stay secured in the bottom of the trousers-leg, as shown in Fig. 1 in dotted lines. The spring is then put under tension by engaging the spring-clamps E into the eyes F, and holds 65 the trousers down into their proper position, giving them a perfect shape, drawing out any wrinkles or the appearance of bagging at the knees. At the same time the pressure is upward upon the garter, and thus tends at all 70 times to hold up the stocking. The spring allows of lifting the pants, as required when bending the knees or in stooping down.

I preferably make the spring-clamp E, as shown, of a single piece of spring-wire secured 75 at its middle point to the lower end of the part b, and bent so that the parts c' and c'' cross each other, and then bent upwardly into the arms d, in which notches e are made, adapted to be secured in the sides of the eye 80 F of the stay.

Any other form of catch may be used, such as that shown in Fig. 7, wherein f is the stay provided with a spring-latch g, engaging 85 into a hole h in the enlarged end of the arm b, and the end of the arm abuts against the stops i, which receive the thrust of the spring. The modification shown in Fig. 6 is designed to be used upon boots, and differs from the device before described only in the fact that 90 it is made vertically adjustable by means of the bar j, slidingly engaging into a slot k in the bearing-plate l, secured upon the strap, a spring-latch m being provided to enter the holes in the bar and hold it in its adjusted 95 position.

Various modifications in detail may be resorted to without departing from the spirit of the invention.

What I claim as my invention is—

1. In a garment shaping or holding device, the combination, with a belt, of the spring-

arm consisting of two parts, one of which is connected with said belt and the other provided with attachment for the trousers, and a spring attached at one end to each part and
5 arranged between the belt and the trousers end of the device, substantially as shown and described.

2. In a garment-shaping device, the combination of the spring-arms, each consisting
10 of two parts slidingly secured together within a spring attached at one end to each of said parts, the buckle secured to the upper part and the spring-clamp secured to the lower part, and the stay secured to the garment,
15 substantially as described.

3. In a garment-shaping device, the combination of spring-arms, each consisting of two parts slidingly secured within a spring attached at one end to each of said parts, the
20 buckle secured to the upper part and engag-

ing with a securing-strap, a spring-clamp secured to the lower part, and a stay secured in the garment, substantially as described.

4. In a garment-shaping device, a spring-arm consisting of two parts and the spring connecting said two parts, the buckle secured to one part and the spring-clamp secured to the lower end of the other part, consisting of the spring-wire connected at its middle to the bar and bent into the arms *c* and *d*, in combination
25 with the stay provided with the eye *F*, substantially as described. 30

In testimony whereof I affix my signature, in presence of two witnesses, this 14th day of March, 1889.

LOUIS SELLING.

Witnesses:

J. PAUL MAYER,
A. B. EATON.