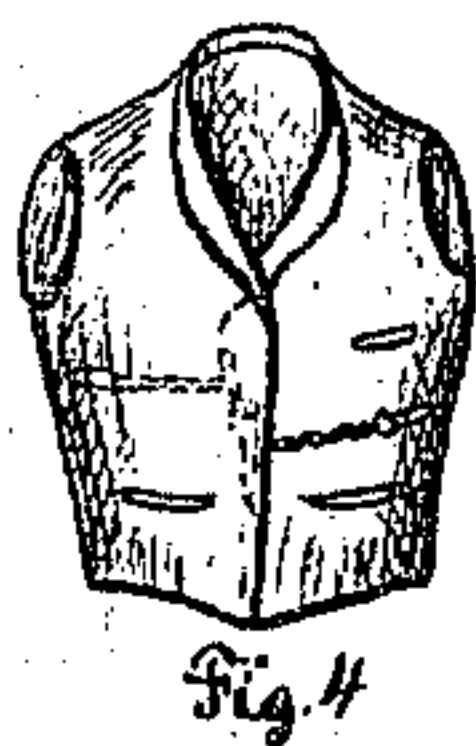
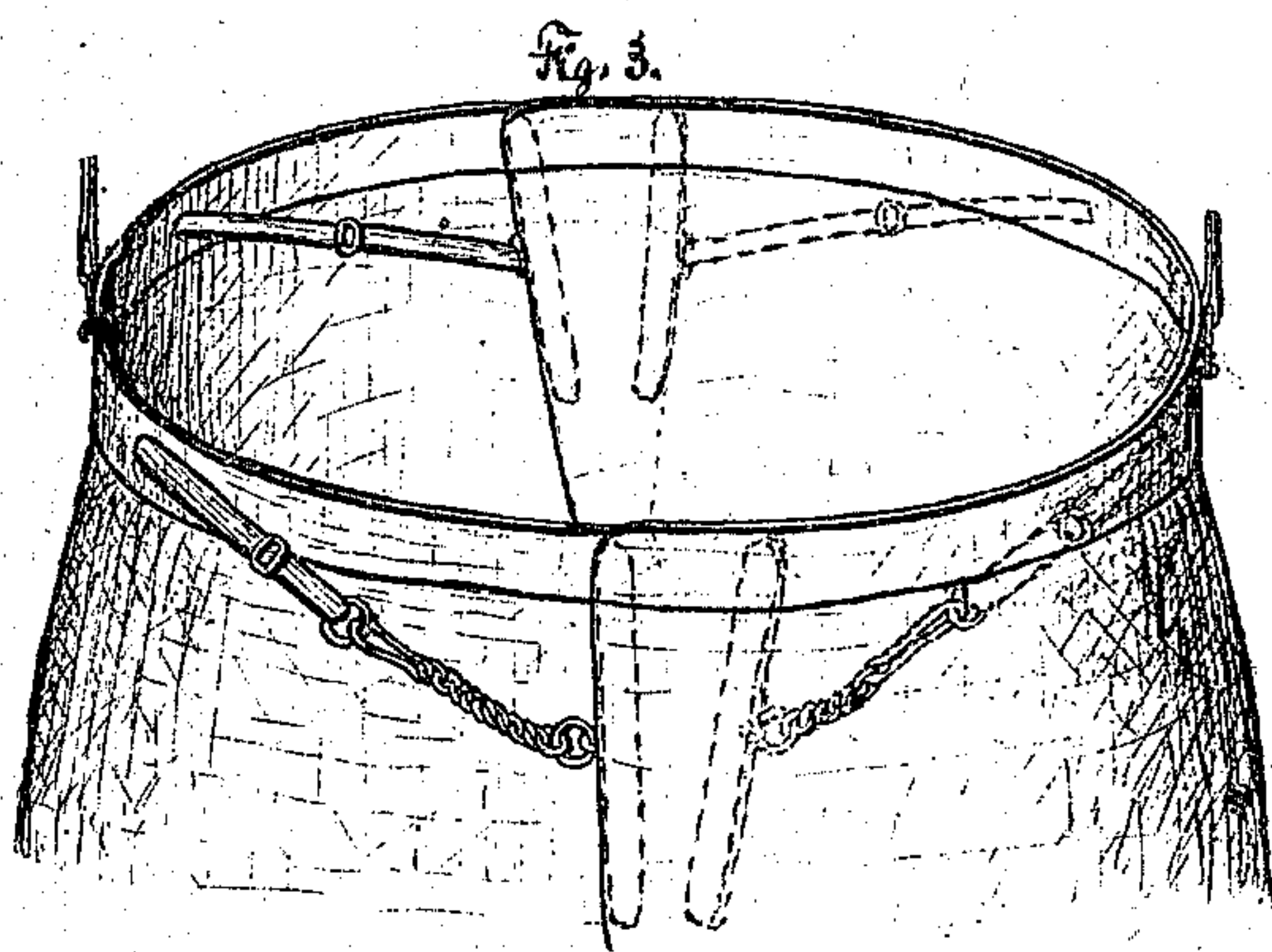
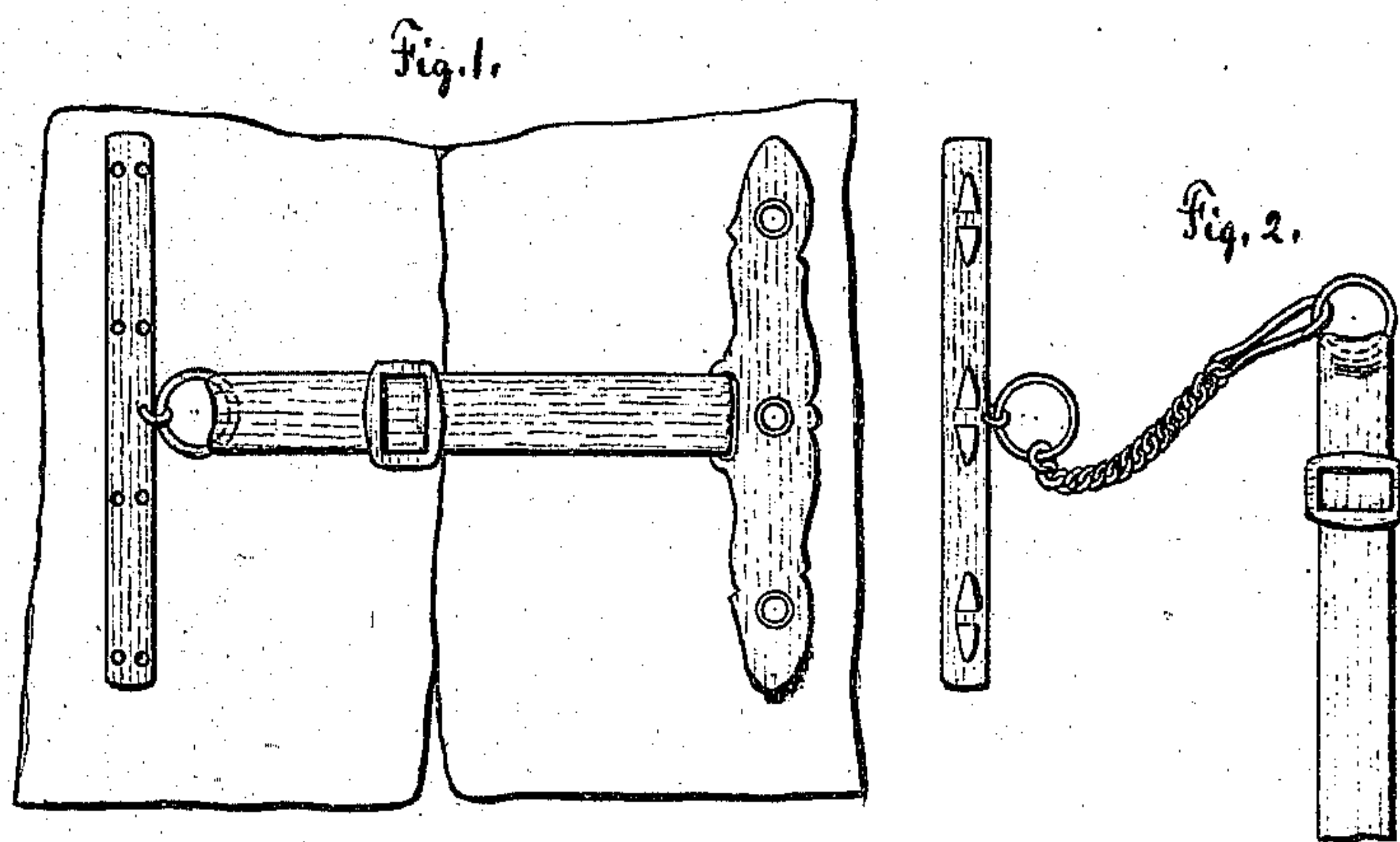


*B. J. Greely,
Suspender.*

No. 97,629

Patented Dec. 7, 1869.



Witnesses.
J. E. Maynard
Chas. F. Sleeper.

Inventor.
B. J. Greely

United States Patent Office.

BENJAMIN J. GREELY, OF BOSTON, MASSACHUSETTS.

Letters Patent No. 97,629, dated December 7, 1869.

IMPROVEMENT IN ATTACHMENTS FOR FASTENING OVERLAPPING PARTS OF GARMENTS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, BENJAMIN J. GREELY, of Boston, in the county of Suffolk, and State of Massachusetts, have invented new and useful Improvements in Waistcoats and Pantaloons; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, making a part of this specification, in which—

Figures 1 and 4 show a waistcoat, with my improvements.

Figure 2 is a detached view.

Figure 3 shows pantaloons, with my improvement.

The purpose of my invention is—

First, to dispense with the buttons and button-holes commonly used to fasten together the overlapping parts of garments, which I do by substituting therefor a plate of metal, to which is attached a narrow strap, cord, or chain, as shown in figs. 2, 3, and 4. This is as readily unfastened as a single button, holds the garments quite as securely as the buttons and button-holes, and prevents wrinkling. I prefer to use an elastic strap, as thereby the garment can yield to the motion of the body.

I have shown the metal plate attached to the inner part of the garment, over which the other part laps, as well as to the outer part, which overlaps the inner part, and this I prefer; but it is obvious that the need of the metal plate is less on this inner part, as it is not exposed to view, and is, in a great measure, prevented from wrinkling by the outer part.

The second purpose of my invention is, to dispense with the wide straps used to take up garments around the waist, commonly sewed on the backs of pantaloons and waistcoats, with their free ends united by buckles, by substituting therefor a narrow elastic strap, which is adjustable, and is attached at each end to a metal plate. This strap being adjustable, operates precisely as the straps now in use, in that respect; but as it is also elastic, it has a still further adjustability, as its elasticity allows it to yield to the motions of the body without being permanently elongated, thereby keep-

ing the pantaloons or waistcoat close against the body, without causing them to be uncomfortably tight. The two metal plates prevent the strain from being brought upon a small part of the garment, owing to the rigidity of the metal in the direction of the strain, while its flexibility in the other direction prevents it from being uncomfortable.

I commonly sew the plates to the cloth, passing the threads through small holes, made for that purpose in the plate; but when used upon the front of the waistcoat, I prefer to insert the plates between the pieces of cloth which form the front of the waistcoat, and to use an ornamental chain outside of the waistcoat, which is connected by a hook and ring to the side of the waistcoat, far enough round to be hid by the coat; and I prefer to connect the plates as shown in section in Figure 5, in which *a* is the front of the pantaloons, and *b* shows the cloth which surrounds the plate, and is sewed to the front of the pantaloons in much the same manner in which the button-hole lapel is commonly made.

I do not claim to have invented any new form of plate, nor any new method of attaching a plate to a garment, nor any new method of attaching the cord, strap, or chain, to the plate; but

I do claim—

1. The combination of the plate and its cord with the overlapping part of a garment, when the plate is attached to the overlapping part, and one end of the cord is attached to some other part of the garment, the whole combination being and operating substantially as specified.

2. The combination of the two plates and elastic strap with the waist of a garment, when each plate is attached to the waist of the garment, and the strap connects together the two plates, the whole combination being and operating substantially as specified.

B. J. GREELY.

Witnesses:

J. E. MAYNADIER,
CHAS. F. SLEEPER.