

E. SPIES.
Pantaloons and other Garments.

No. 220,885.

Patented Oct. 21, 1879.

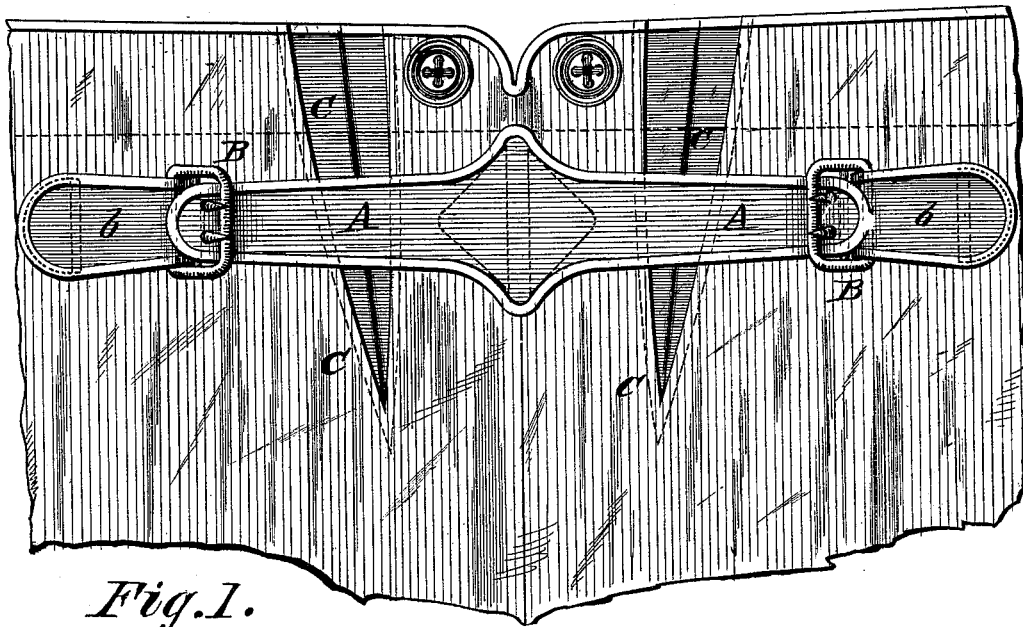


Fig. 1.

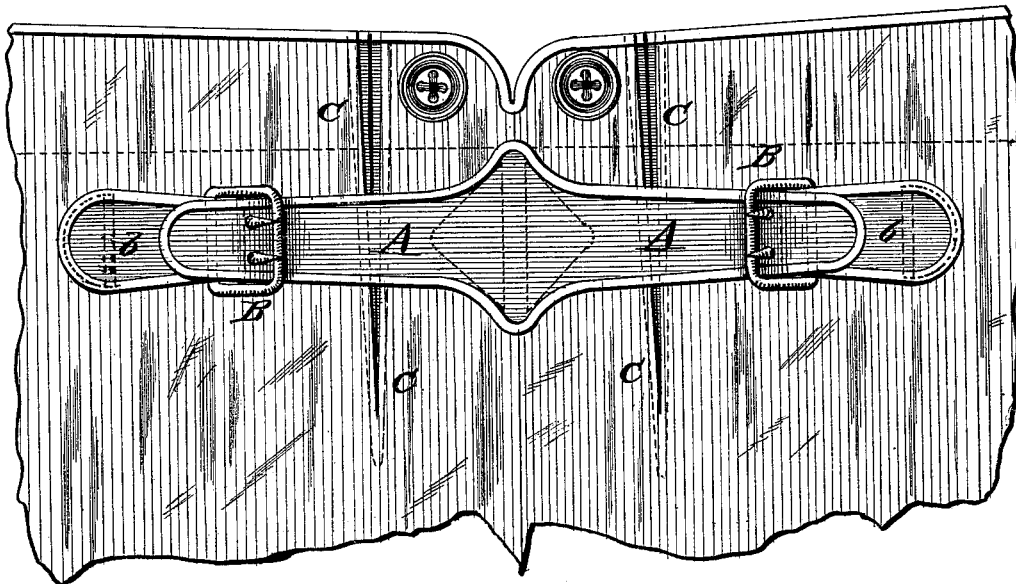


Fig. 2.

Witnesses:

P. C. Dettmich
J. A. Stockman.

Per *W. A. Watson & Co.*

Inventor
Edward Spies
Attorneys.

UNITED STATES PATENT OFFICE.

EDWARD SPIES, OF WASHINGTON, DISTRICT OF COLUMBIA.

IMPROVEMENT IN PANTALOONS AND OTHER GARMENTS.

Specification forming part of Letters Patent No. **220,885**, dated October 21, 1879; application filed September 18, 1879.

To all whom it may concern:

Be it known that I, EDWARD SPIES, of Washington, District of Columbia, have invented certain new and useful Improvements in Wearing Apparel; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention relates to an improvement in wearing apparel; and the object of the same is to provide a means for tightening and loosening the waist of pantaloons, &c.

Heretofore such devices have been made by sewing a strap to each side of the back of the garment, one of these straps having a buckle on one of its ends, or by a short strap and buckle, or equivalent take-up device extending from the side seam to a distance from the middle on the same side of the garment, and having two inclined gores in the rear of the side seam.

The first method is objectionable, as it gives an unsightly appearance to the garment by bunching the material in the seat. The second is also objectionable, for the reason that when the side straps are tightened they draw the material in a bunch at the side and twist the legs of the garments out of shape, which makes them hang awkwardly on the wearer.

The object of the present invention is to provide a means which can be easily operated, and by which the garment may be tightened without discomfort to the wearer, and without making any unsightly bulk of material at either the back or sides of the garment, and also without causing the garment to twist out of shape.

In the annexed drawings, Figure 1 is a view, showing the straps loosened, and Fig. 2 a view showing the same drawn tight.

A represents the tightening-strap, which is

sewed or otherwise secured at its center to the back of the garment, as shown.

B B are buckles attached to the small straps *b b*, which are secured to the garment a little behind the side seams and below the waistband.

C C are the gores, which are inserted from the waistband and located between the buckles B B and center of the strap A.

Where gores have been used heretofore they were placed at the side of the garment, and, by tightening the straps, were made to bunch and bag in such manner as to present an unsightly appearance. By my construction this is prevented. The gore is made to lap over one-half by making a crease in the center of the gore, and to lap over one-fourth by inserting a piece of stiffening equal to one-fourth the width of the gore. The lap can be lengthened or shortened by lengthening or shortening the stiffening.

The advantages of my strap above all others are apparent, because, first, it takes less time, trouble, and material to make it, which, in the eyes of a workman, is a very important feature; and, second, it is easily operated, and does not allow the buckles to hitch off to one side, as the old method does, while being hurriedly tightened.

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

The combination, in pantaloons and other garments provided with the back gores, C C, of the straps A A, centrally attached to the said garment, buckles B B, and tabs *b b*, when constructed and arranged for operation substantially as and for the purpose set forth.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

EDWARD SPIES.

Witnesses:

WM. B. UPPERMAN,
FRANK GALT.