

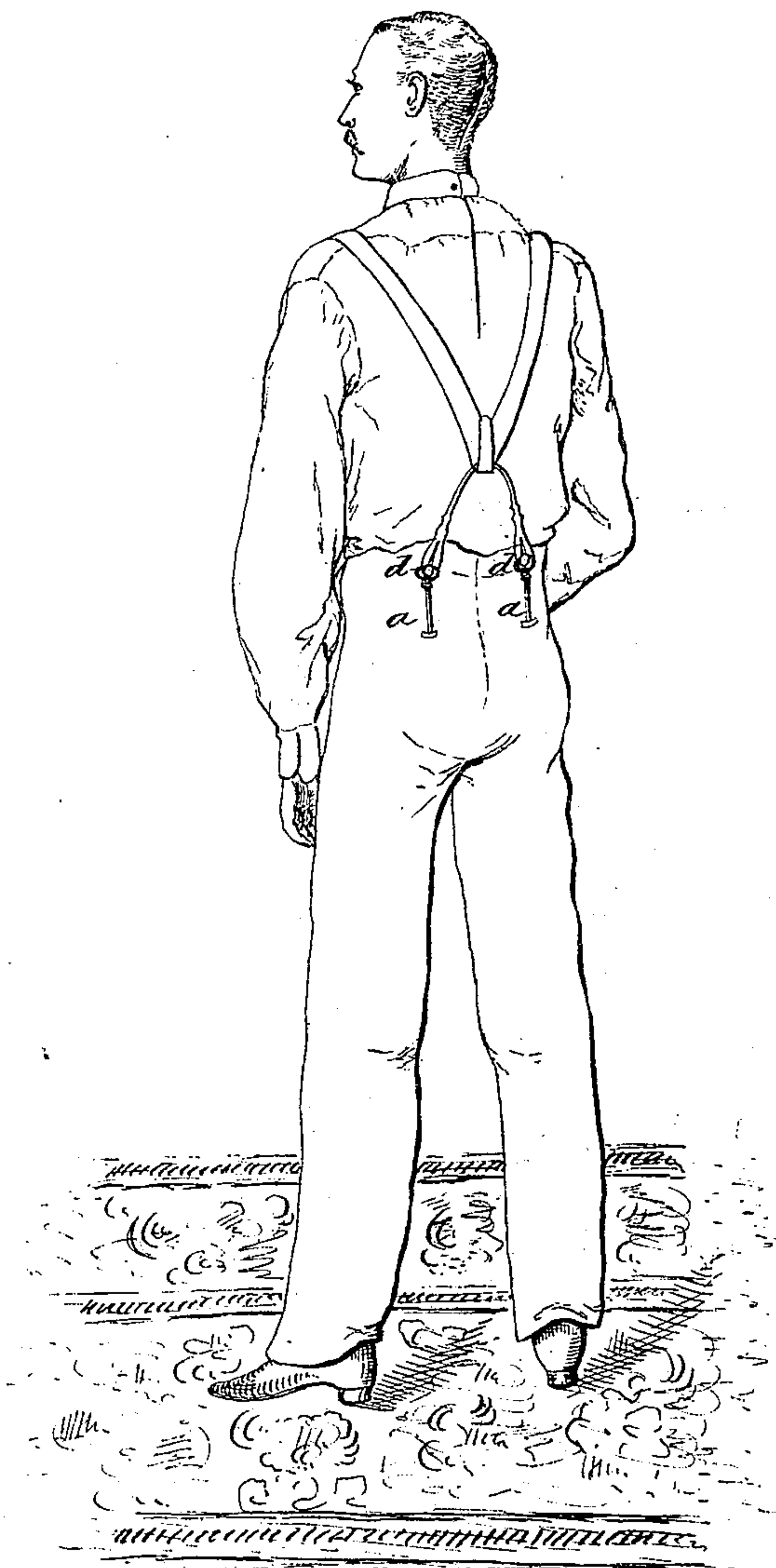
(No Model.)

C. R. PLYMPTON.  
Pantaloons Elevator.

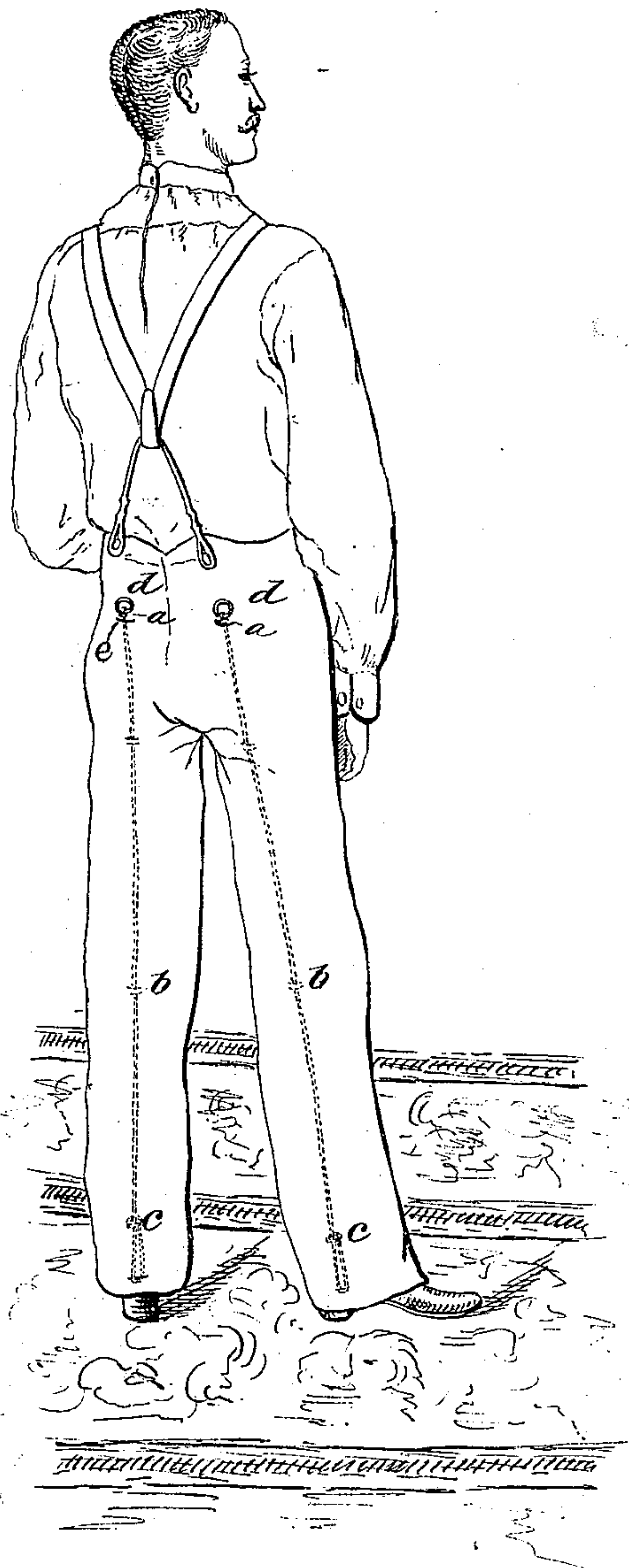
No. 234,427.

Patented Nov. 16, 1880.

*Fig. 1.*



*Fig. 2.*



WITNESSES:

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# UNITED STATES PATENT OFFICE.

CHARLES R. PLYMPTON, OF NEW YORK, N. Y.

## PANTALOONS-ELEVATOR.

SPECIFICATION forming part of Letters Patent No. 234,427, dated November 16, 1880.

Application filed May 10, 1880. (No model.)

*To all whom it may concern:*

Be it known that I, CHARLES R. PLYMPTON, of the city, county, and State of New York, have invented a new and Improved Pantaloon-Elevator, of which the following is a specification.

This invention relates to that class of devices designed and arranged for elevating or lifting the bases of the legs of pantaloons from contact with the ground or with the heels of the boots or shoes of the wearer, and adapted to such articles of wearing-apparel as a permanent fixture or attachment, thereby being ready for use at any moment when needed.

In the present instance the invention consists in applying drawing or lifting cords the entire interior length of both legs of the pantaloons, their position therein being at the rear center thereof and lying close against the material, the lower ends of each cord being attached to the base of the pantalon-leg at the rear center, so that when the garment is worn the lifting attachment is directly opposite the rear center of the heel of the boot. These cords extend upwardly and are secured to the interior surface of the garment by suitable means, which prevent them from sagging and coming in contact with limbs of the wearer. At the rear of the body of the garment, a short distance below the waistband and above the seat, these cords pass through suitably-prepared openings to the exterior of the garment, and such ends are provided with hooks or loops, which hang loosely at such openings when not in use, which are lifted and hooked upon the suspender-buttons when it is desired to use the elevating device.

The details of the construction and application of such apparatus, with its advantages over all preceding devices, will be hereinafter fully pointed out and described.

In the drawings, which form an essential and important part of this specification, Figure 1 illustrates the figure of a man, showing the application of my invention to the pantaloons; and Fig. 2 is a similar view, showing the elevating devices in their normal position before being used to elevate the bottom of the pantaloons.

Similar reference-letters in the two drawings will locate and designate corresponding parts.

*a a* are the elevating-cords, of any approved material, which are attached at their lower ends to the interior of the pantaloons-legs, at the base and rear center thereof, or slightly above the base, as indicated at *c* in the drawings. The preferred place of attachment is at the top of that portion of the leg turned up inside in the form of a hem, as the goods being doubled affords means for making the attachment strong and durable, such protecting means for insuring it from wear and tear being adopted as skill may suggest. These elevating-cords follow closely the inner surface of the rear center of the pantaloons-legs, and may be covered into a long pocket or sleeve or pass loosely through loops or bands *b*, which may be attached at intervals to the leg of the garment.

The cords *a* make their exit from the interior of the garment through openings *e* midway between the seat and waistband thereof, the upper ends of such cords being supplied with loops or rings *d*, arranged to be fastened to the suspender-buttons usually attached to this class of garments. In case buttons are not used, hooks suitable for the purpose may take their place.

When not in use as elevators, as in Fig. 1, the cords *a* will hang loosely in their place, the loops or rings *d* being arrested at the openings *e*, which point is their normal position, and in which position the pantaloons-legs will hang naturally, as in Fig. 2.

When the wearer desires to elevate the rear of the bottom of the legs of the pantaloons he simply grasps the rings or loops *d* and lifts the cords *a*, passing the rings *d* over the suspender-buttons, as shown in Fig. 1. This has the effect of raising that part of the base of the pantaloons-legs at their rear center only, as is plainly shown in Fig. 1. The front of the garment, that rests upon or over the instep of the foot, is not lifted or disturbed; neither are the sides disturbed, and therefore the set of legs of the pantaloons is not affected so that it is apparent to the eye of a casual observer; and herein lies the particular virtue of my invention, for if an elevator disturbs the ordinary set of the legs to any marked degree it is too objectionable to be used.

I am aware that other forms of elevators are in use; but all of them either lift the entire



leg of the pantaloons or lift that part of the leg from the knees, in both of which cases the lift is equal at all parts of the foot, and consequently has the same appearance as if the legs  
5 were raised wholly from the waistband by means of the suspenders. Other devices are entirely attached to the exterior of the body of the pantaloons and extend down on the outside of the leg a short distance below the seat  
10 far enough to grasp the upper part of the leg portion of the garment. Such device lifts the entire leg, and, furthermore, being attached on the sides, causes a side or cross hitch to the legs, which is exceedingly annoying to the  
15 wearer, besides destroying the natural set of the garment.

My invention, being applied to the interior of the garment, is wholly out of sight, and it simply lifts at the exact and only spot that  
20 needs the protection that is sought for.

I claim as my invention—

1. A pantaloons-elevator consisting of longitudinal cords extending the entire interior length of the legs thereof, the lower ends being  
25 attached to the base of each leg at the rear center thereof, the upper ends passing out

to the exterior of the garment at the rear and midway between the seat and waistband, and provided with hooks or loops as a means of attachment to the usual suspender-buttons, all  
30 substantially as and for the purposes as herein shown and described.

2. The combination, with the legs of pantaloons, of the elevating-cords *a*, provided with securing and lifting loops or rings *d* at their  
35 upper ends, arranged longitudinally within such pantaloons-legs at the rear center thereof, and at their lower ends, *c*, attached to the bases of the pantaloons-legs at their rear center, all substantially as and for the purposes as  
40 herein shown and set forth.

3. Pantaloons or trousers provided on both sides of the body thereof, at the rear, midway between the seat and waistband, with interior devices for lifting and supporting, as described,  
45 the bases only of the legs thereof at their rear center, all substantially as and for the purposes as herein shown and set forth.

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Witnesses:

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