

(No Model.)

J. WAHL.
OVERALLS.

No. 275,441.

Patented Apr. 10, 1883.

Fig. 1.

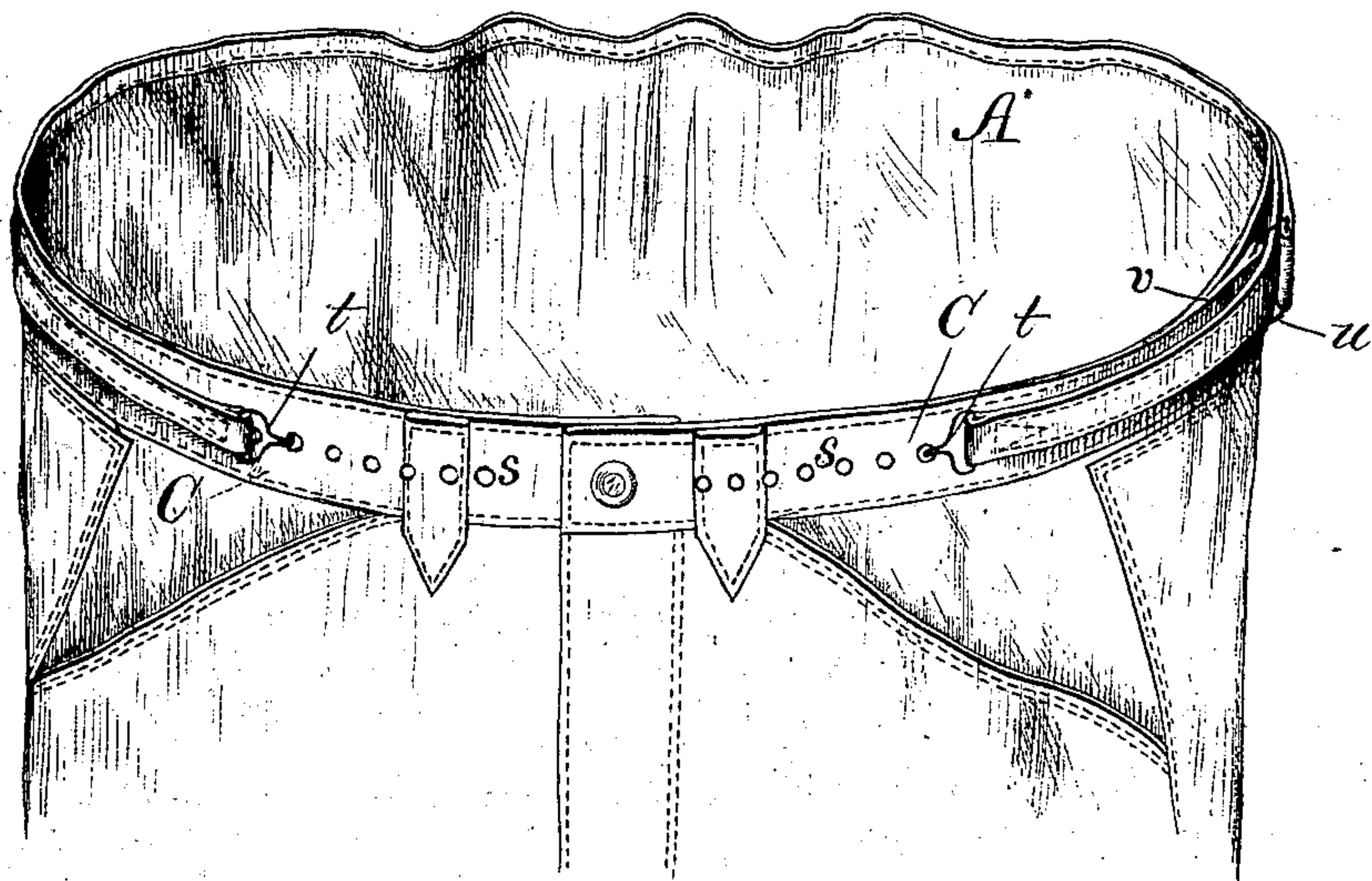
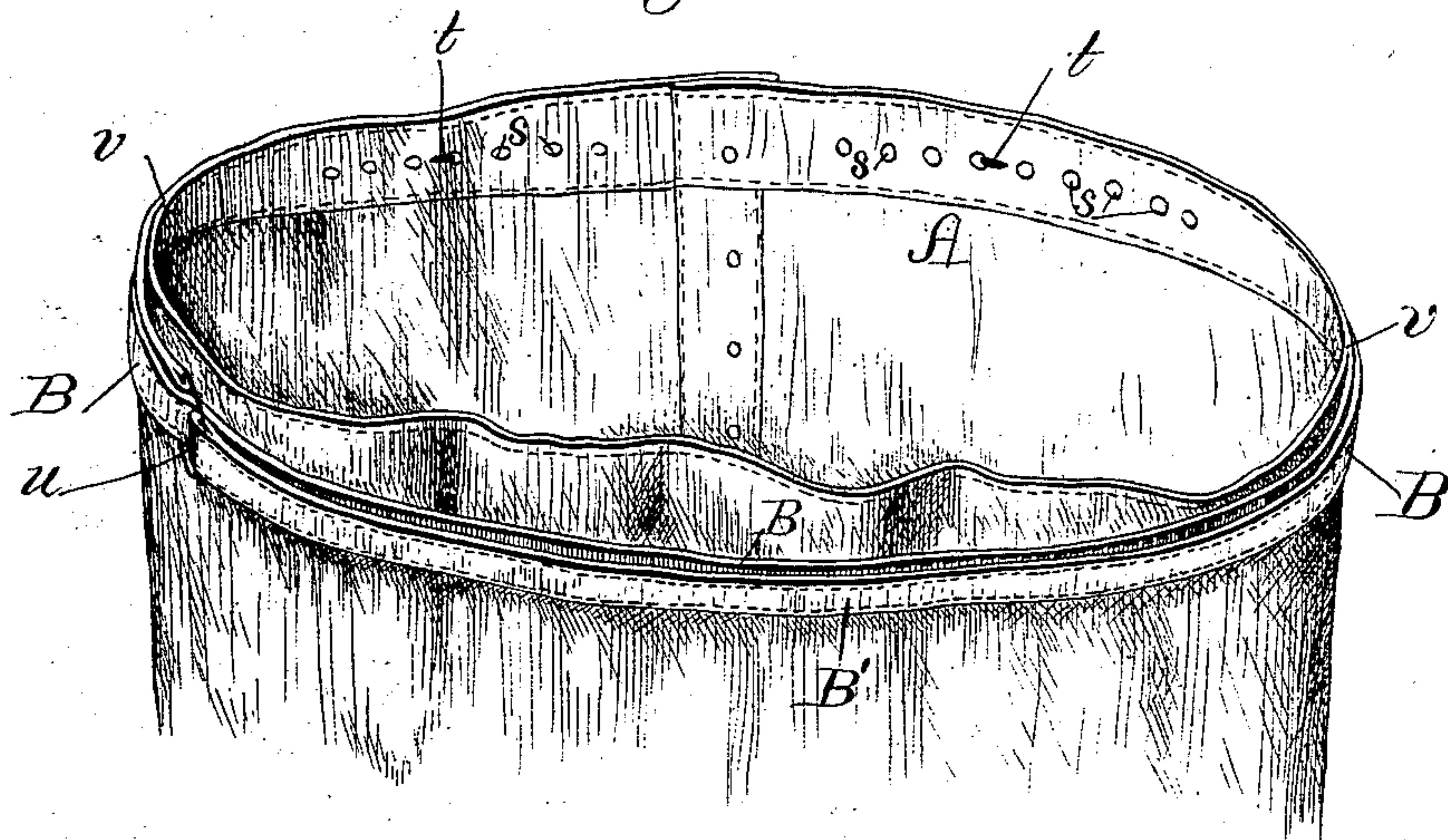


Fig. 2.



Witnesses:

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UNITED STATES PATENT OFFICE.

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OVERALLS.

SPECIFICATION forming part of Letters Patent No. 275,441, dated April 10, 1883.

Application filed February 7, 1883. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH WAHL, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Overalls; and I hereby declare the following to be a full, clear, and exact description of the same.

One of the chief difficulties encountered by manufacturers and dealers in supplying the trade with overalls is the great variety required in the matter of waist measurements, owing to the inadequacy of the means hitherto employed for graduating the size of the garment at that point. This difficulty not only works a disadvantage to the manufacturer by requiring him to provide a large number of different sizes, and to the dealer by requiring him to keep various sizes on hand, some of which may never be called for, but it is also a matter of much inconvenience to the ultimate purchaser, who often finds it impossible to obtain a properly-fitting garment without vexatious delay, and perhaps additional expense.

The object of my invention is to overcome the above difficulty by providing the garment with an adjusting device at the waist, of such scope as to admit of its being fitted to any waist, (provided of course that the latter be not too large for the garment to encompass,) and so easily operated as to give no trouble to the user.

To these ends my invention consists in providing a pantaloon garment with two straps, (which may be of the same fabric as the garment itself,) secured to the waist, one toward each side, with a view to being passed around the back, and one of the straps having a suitable opening in it for the passage through it of the other, and combining with these features means for attaching the straps to the front portion of the waist at the adjacent sides of the front opening, with a tension suited to the requirement.

It consists, also, in the particular construction which, for effectiveness and economy, I prefer to employ as to the waistband and straps, in combination with an adjustable fastening device at the front; and, also, in the particular construction which, for like reasons, I prefer to employ as to the adjustable fastening device at the front, in combination with

the two straps attached to the waist and passing in contrary directions around the back, all as hereinafter more fully set forth.

In the accompanying drawings, Figure 1 is a front view, and Fig. 2 a rear view, of the upper portion of a pantaloon garment provided with my improvements.

A is the waist portion of the garment, and B B' the two straps, preferably secured thereto at about the points *v*, though these points may vary (especially by being brought farther around toward the rear) without affecting the general nature of the invention. The strap B' is provided with an opening, *u*, at a point within convenient reach of the wearer, for the passage of the strap B, which opening I prefer to form of an interposed wire link, as shown, though a transverse slit, like a button-hole, may be used instead, if desired. While any convenient method may be adopted for attaching these straps to the garment, the one represented in the drawings is recommended as, in my opinion, the simplest and most practical that can be devised. In this the waistband C, instead of extending entirely around the garment, as is generally the case, extends only across the front, being sewed thereto as far as the points *v*, and being continued into the straps B and B' from that point onward. This strengthens that part of the waist which alone is subjected to strain when in use. The back, which is relieved from all strain by the operation of the straps, is of only one thickness below the hem. The straps are of such length that when passed in contrary directions around the back to the front, with the waist of the garment fully distended, their ends will fall considerably short of the front opening, and here the straps and the upper margin of the garment are provided with means for attaching the two together, and at the same time allowing the tension of the straps to be graduated to any required degree, thus enlarging or contracting the garment at the waist, as circumstances may require. For the purpose of this adjustment, various contrivances might be adopted, all more or less effective. For example, the end of each strap might be provided with a button on the inside, and the front of the waist with a series of button-holes on each side of the front opening; or (though this is less desirable) each strap, toward its outer end,

might be provided with a series of button-holes, and the margin of the garment with a button on each side of the front opening, at some distance therefrom; but the way which I prefer, as the simplest, cheapest, and most effective of all, is to provide the end of each strap with a hook, *t*, and the front of the garment, at the upper margin, with a series of metal eyelets, *s*, on each side of the front opening, sufficient in number to admit of a considerable range in the adjustment of the garment, all as shown in the drawings. After putting on the garment the ends of the straps B and B' are brought around to the front, as represented in the drawings, and the hooks *t* inserted in such of the eyelets *s* as afford the required degree of tightness. This throws the strain partly upon the straps B and B' and partly upon the front, which latter, as before stated, is re-enforced by the band C. The back gathers together between the points *v* to conform to the person of the wearer, and thus sustains no strain.

From the foregoing description it will be obvious that with my improvements the number of different waist measurements in overalls may be reduced to two or three general sizes, while at the same time the convenience of the garment and comfort of the wearer are increased.

What I claim as new, and desire to secure by Letters Patent, is—

1. In a pantaloon garment, the straps B and

B', secured to the waist toward the sides thereof, the strap B' having an opening, *u*, for the passage of the strap B when the two are passed in contrary directions around the back of the garment, as shown, in combination with means, substantially as described, for attaching each strap to the front of the waist at the adjacent side of the front opening, and for regulating the tension of the straps, as set forth.

2. In a pantaloon garment, the band C, sewed to the front margin of the waist, and terminating at or near the sides, and prolonged into straps B and B', the strap B' having an opening, *u*, for the passage of the strap B, in combination with means, substantially as described, for attaching each strap to the front of the waist at the adjacent side of the front opening, and for regulating the tension of the straps, as set forth.

3. In a pantaloon garment, the straps B and B', secured to the waist toward the sides thereof, the strap B' having an opening, *u*, for the passage of the strap B when the two are passed in contrary directions around the back of the garment, as shown, in combination with the hook *t* upon the ends of the straps, and the eyelets *s* on each side of the front opening, substantially as described.

JOSEPH WAHL.

In presence of—

WM. H. DYRENFORTH,
EPHRAIM BANNING.