Jan. 5, 1926. **1,568,329**

J. GREENBERG

METHOD OF ALTERING WAIST LINE OF TROUSERS

Filed Sept. 10, 1924

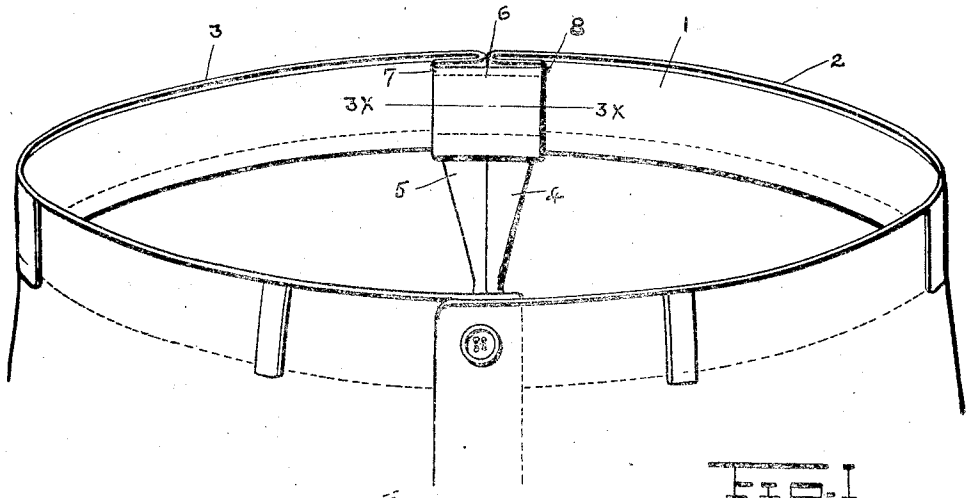


Fig. 1

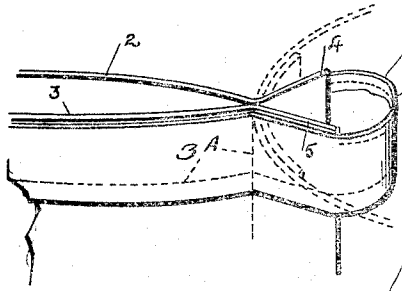
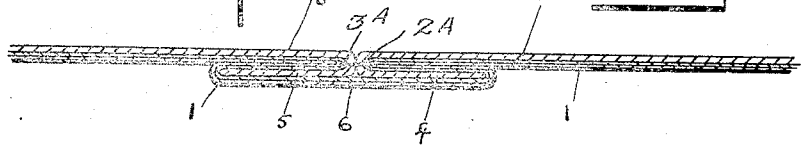


Fig. 2

Fig. 3



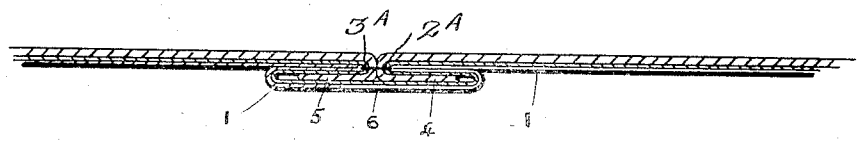


Fig. 4

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Patented Jan. 5, 1926. 1,568,329

UNITED STATES PATENT OFFICE.

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METHOD OF ALTERING WAISTLINE OF TROUSERS.

Application filed September 10, 1924. Serial No. 737,002.

To all whom it may concern:

Be it known that I, JACOB GREENBERG, a citizen of the United States, residing at Rochester, in the county of Monroe and State of New York, have invented certain new and useful Improvements in Methods of Altering Waistlines of Trousers, of which the following is a specification.

The object of this invention is to provide a new and improved method of sewing the waist band to a pair of ready made trousers so that the trousers can be quickly altered at the waist line to fit the buyer of the trousers.

Another object of this invention is to practice this method in such a manner that when the trousers are altered at the waist line, that is made larger or smaller, the waist line will present as finished an appearance as it presented originally before the trousers were altered at this point.

These and other objects of this invention will be fully illustrated in the drawing, described in the specification and pointed out in the claims at the end thereof.

In the accompanying drawing:

Figure 1 is a perspective view of the waist line of a pair of trousers.

Figure 2 is a perspective view of the rear portion of a pair of trousers showing the method of attaching the waist band to the trousers material.

Figure 3 is a horizontal sectional view of a portion of the rear of a pair of trousers embodying the new method of applying the waist band thereto, the section being taken on the line 3^{x}—3^{x} of Figure 1.

Figure 4 is a similar sectional view showing the trousers material in an altered position from that illustrated in Figure 3.

In the several figures of the drawing like reference numerals indicate like parts.

In the present method of applying the waist band to trousers the waist band is made up in two sections. These sections are sewed to the material so that the rear ends thereof extend to the end of the trousers material where each end of each section of the waist band has to be finished off with the trousers material in order to present a finished appearance. As is well known so-called ready made trousers have to be altered at the waist line in almost every instance to fit the buyer thereof. When, therefore, the waist band is in two sections and is finished off with the trousers material it is necessary not only to alter the trousers material to increase or decrease the waist line of the trousers material, but alter the waist band with it and then afterwards finish off the waist band with the trousers material to give it the finished appearance it had in the first place.

In my present invention the altering of the trousers at the waist line is greatly facilitated by providing a method with which such an alteration can be made quicker than is possible with the old method pointed out above. Furthermore, the new method hereinafter described will present a much better appearance of the waistband both before and after an alteration is made at the waist line of the trousers.

As illustrated in the drawing the waist band 1 used in my improved method is left in one length and is properly sewed to the waist line of the trousers material. Each pair of trousers is made in two sections 2 and 3 that are sewed together at the back and provision is made to allow the rear ends of the sections 2 and 3 to be let out or taken in to either increase or decrease the waist line of the trousers. For this purpose the rear ends of the sections 2 and 3 are doubled back to provide short extentions 4 and 5 that can be increased or decreased whenever it is necessary to increase or decrease the waist line of the trousers. In providing these extensions 4 and 5 a folded edge is formed at the rear of each of the trousers sections 2 and 3 which edges are sewed together after the desired length of waistline has been secured. The extensions 4 and 5 are only provided near the waist line of the trousers as it is only this part of the trousers that needs alteration in order to make the trousers fit the body properly.

As heretofore pointed out the waist band 1 is made up of a single length and extends from one side of the front of the trousers to the other side thereof. The waist band 1 is suitably sewed to the waist line of the trousers on the inside thereof as indicated at 2^{A} and 3^{A} except between the rear ends of the sections 2 and 3 of the trousers. There an additional short length of the waist band indicated in the drawing by reference numeral 6 is left free between the two ends of the trousers sections. This is illustrated

in perspective in Figure 2. The free intermediate section 6 provided between the rear ends of the trousers sections 2 and 3 covers the top of the extensions 4 and 5 at the waist band and gives the inside of the trousers the finished appearance after it has been pressed down as illustrated in perspective in Figure 1, and in sections in Figures 3 and 4.

The ready adjustment of the rear of the trousers for the purpose of increasing or decreasing the waist band thereof is readily seen by an inspection of Figures 3 and 4. For example if it is desired to lengthen the waist line of the trousers in order to fit a larger man than the trousers will fit in the size they were made in the factory, the folded edges between the sections 2 and 3 are separated and the extensions 4 and 5 shortened. After this is done the newly formed folded edges between the trouser sections 2 and 3 are again sewed together making the waist line of the trousers correspondingly larger.

This is illustrated in Figures 3 and 4 of which Figure 3 illustrates the sections before they are lengthened and Figure 4 after they are lengthened.

After the waist line has been altered in the manner above described the waist band is again pressed over the extensions 4 and 5, the outer edge or edges of the fold formed by the free waist band sections 6 may be tacked to the portion of the waist band that it overlaps at 7 and 8 in order to make it retain the new position in which it has been placed.

I claim:

1. The method of making and altering the waist line of a pair of trousers which consists in sewing the two sections of trousers together at the back with a folded edge leaving short extensions of the trousers sections projecting inwardly thereof, then sewing a continuous narrow strip of waist band to the full length of the waist line of the trousers with a free loop of the waist band overlapping the inwardly projecting extensions of the trousers sections.

2. The method of making and altering the waist line of a pair of trousers which consists in sewing the two sections of trousers together at the back with a folded edge leaving short extensions of the trousers sections projecting inwardly thereof, then sewing a continuous strip of waist band to the waist line of the trousers with a free loop of the waist band overlapping the inwardly projecting extensions of the trousers sections, allowing said folded edge to be opened and sewed together again after shortening or lengthening the inwardly projecting flanges of said trousers sections without disturbing said waist band and making said waist band overlap said altered lengths of said inwardly projecting flanges of said trousers sections.

In testimony whereof I affix my signature.

JACOB GREENBERG.