April 6, 1948. A. D. GRISANTI 2,439,339

TROUSER WAIST GRIP BELT

Filed Jan. 26, 1946

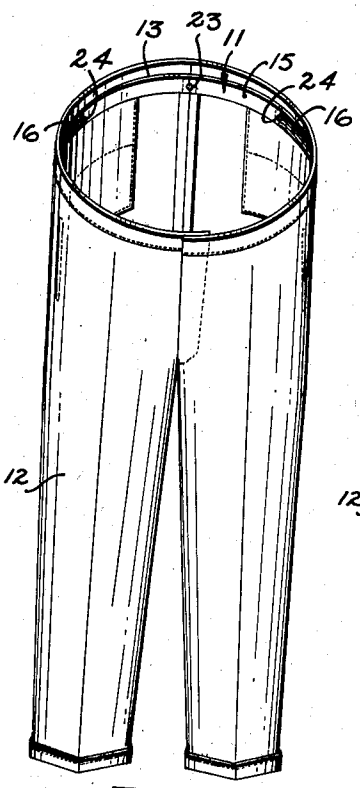


FIG. 1.

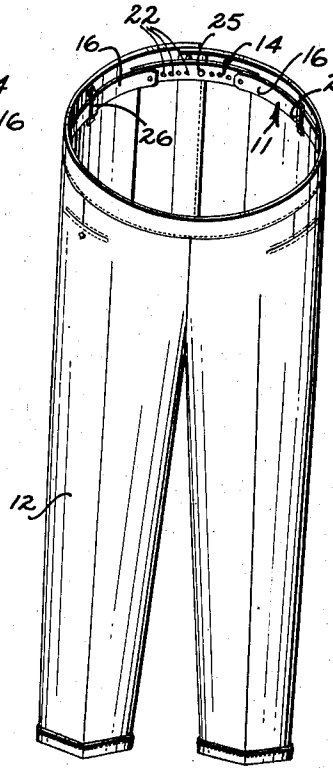


FIG. 2.

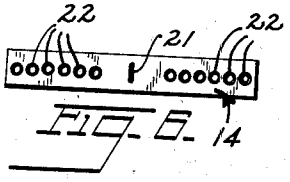


FIG. 6.

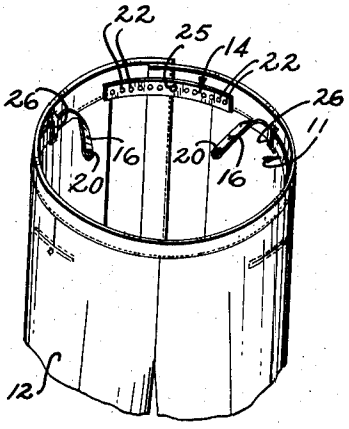


FIG. 3.

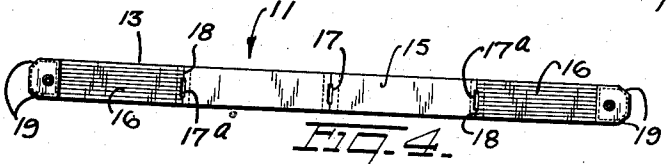


FIG. 4.

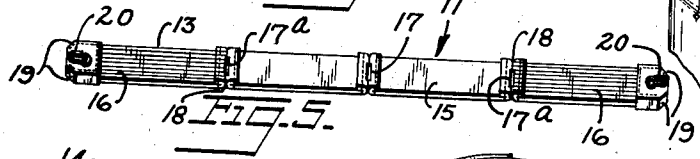


FIG. 5.

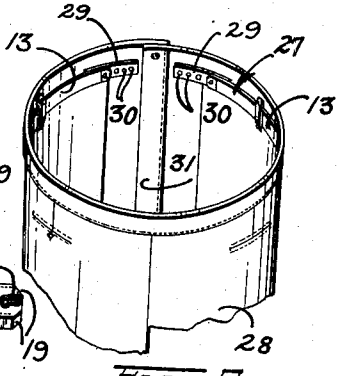


FIG. 8.

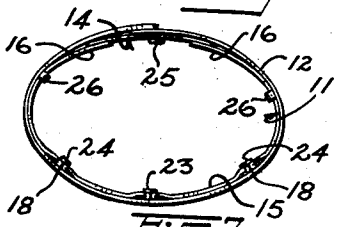


FIG. 7.

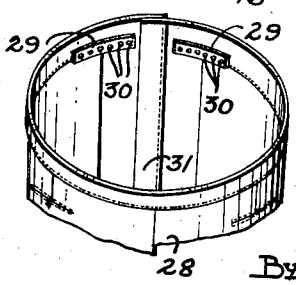


FIG. 9.

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Patented Apr. 6, 1948

2,439,339

UNITED STATES PATENT OFFICE

2,439,339

TROUSER WAIST GRIP BELT

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Application January 26, 1946, Serial No. 643,508

1 Claim. (Cl. 2—237)

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This invention relates to articles of clothing, and more specifically to new and useful improvements in a hidden waist grip belt suitable for use with trousers, riding breeches, skirts and other garments requiring support at the waist.

Heretofore, large sums of money have been expended and considerable labor employed to alter ready-to-wear clothing, taking in or letting out garments at the waist.

An object of this invention therefore is to provide a waist grip belt that can be used with garments of the kind specified and will result in a satisfactory fit without the need of waistline alterations.

Another object is to provide a waist grip belt that will permit adjustment in waist measurements up to about three inches without marring the appearance of the garment when worn.

A further object is to provide an adjustable waist grip belt which when fitted on a garment and adjusted will force the surplus of material to the sides, leaving the front and back portions of the garment smooth and unruffled in action or repose.

Still another object is to provide a hidden belt which is comfortable to wear and adapted to conform to changes in abdominal size resulting from motion, respiration and exercise.

Briefly, these and other objects are accomplished in one form of the invention by providing an adjustable waist grip belt comprising a three-quarter belt member having elastic side elements, and a non-elastic adjusting strap, the three-quarter belt member and the adjusting strap having coacting interlocking means that can be adjusted to different waist sizes. Loops and fastening means on the belt and trousers or other waist supported garment are located at definite positions to force to the sides surplus material resulting from differences in measurement between the waist of the garment and the adjusted belt.

For further comprehension of the invention, and of the objects and advantages thereof, reference will be had to the following description and accompanying drawings, and to the appended claim in which the various novel features of the invention are more particularly set forth.

In the accompanying drawing forming a material part of this disclosure:

Figs. 1 and 2 are perspective views of a hidden waist grip belt used in combination with a pair of trousers.

Fig. 3 is a perspective view similar to Fig. 2 with the belt elements unfastened.

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Fig. 4 is a front view of a three quarter belt portion of the waist grip belt shown in Figs. 1 to 3.

Fig. 5 is a rear view of the three quarter belt shown in Fig. 4.

Fig. 6 is a front view of an adjusting strap of the waist grip belt.

Fig. 7 is a diagrammatic plan view of the waist grip belt in combination with a pair of trousers.

Fig. 8 is a perspective view of a variation in the invention.

Fig. 9 is a fragmentary perspective view showing the inside front of the trousers and two strap elements secured thereto.

In the drawings and in the specification, in which like reference numbers designate similar parts, a hidden waist grip belt 11 used in association with a pair of trousers 12 and shown in Figs. 1 to 7 inclusive embody features of the invention herein.

The belt 11 is comprised of a three quarter belt member capable of extending about approximately three fourths of the way around the waist of the trousers, and a non-elastic adjusting strap member 14.

The three quarter belt member 13 (see Figs. 4 and 5) is formed with a non-elastic back portion 15 and two elastic side portions 16, one being disposed on each side of the back portion. Three buttonholes are provided in the three quarter belt, buttonhole 17 being centrally located in the back portion 15 and a buttonhole 17a being located in each line of junction or seam 18 joining the back portion to one of the side portions. If it is desired, the back portion 15 can be made in two equal strips with the buttonhole 17 in the line of junction of the strips. The free end of each side portion is formed with cutaway corners 19 and is provided with a hook 20.

The non-elastic adjusting strap member 14 (see Fig. 6) has a central buttonhole 21 and a plurality of eyes 22 longitudinally aligned on either side of the buttonhole 21. Each of the eyes 22 is adapted to coact and interlock with one of the hooks 20 so that an endless belt of adjustable circumference can be formed by detachably hooking each end of the three quarter belt member into one of the aligned eyes on each side of the member strap 14.

If it is so desired, the adjusting strap member 14 can be made of two straps of equal length joined together with the buttonhole 21 on the line of junction.

The trousers 12 are provided with buttons secured to the inside thereof about its waist as

follows: A back button 23 positioned at the back center of the trousers and adapted to coact with the buttonhole 17 in the back portion 15 of the three quarter belt member 13, two side buttons 24 positioned at the side back of the trousers and adapted to coact with the buttonholes 17a in the three quarter belt member, and a front center button 25 adapted to coact with the buttonhole 21 in the adjusting strap member 14.

Two trouser loops 26 are secured to the inside of the trousers at its waist, each being positioned about a half inch forward of the side seam and being adapted to admit the elastic side portion 16 of the three quarter belt member. The location of the loops somewhat forward of the side seams leaves a distance of one-eighth of the waist measurement between each loop and the adjacent side back button 24. The half inch allowance on each side offsets losses due to present methods in manufacturing and cutting skirts and pants which result in a back waist measurement one inch longer than the front waist measurement, seam allowances being taken from the front portion only.

The belt 11 is fitted to the trousers 12 and adjusted as follows:

The distance between the buttonholes 17a in the belt should correspond with the distance between the side back buttons 24 in the trousers. Similarly the distances between the buttonholes 17a and 17 in the belt correspond to the distances between the buttons 24 and 23 in the trousers. This fitting is important since it results in a smooth, unwrinkled back waistline. Having thus fitted the appropriate belt and trouser parts, the buttons 23 and 24 are buttoned in the holes 17 and 17a respectively with the hooks 20 facing the pants so that they will not cause discomfort to the wearer. The free ends of the three quarter belt member with its cut-away corners 19 are then passed through the loops 26.

The adjustable strap member 14 is secured to the pants by buttoning the pants button 25 to the adjustable strap buttonhole 21. The trousers are now ready to be donned and adjusted. The combination of elasticity in the three quarter belt member and the plurality of available eyes in the adjustable strap member provide ample latitude in fit and stretch, one of the primary objects of this invention. Each of the hooks 20 is interlocked in the eye 22 that will provide the greatest comfort in action or repose.

Since there can be no relative movement or adjustment between the belt and trousers in the back, the surplus of pants material about the waist over the natural waist measure as fixed by the belt must be taken up elsewhere. Since it is equally desirable that the front of the pants be free of wrinkles and fit smoothly, the loops 26 are fitted tightly about the belt to limit relative movement or adjustment between the belt and trousers in front, thus forcing all surplus to the sides, between the loops and the sideback buttons where it will have the least effect in appearance and comfort.

In the modification of the invention shown in Figs. 8 and 9, a belt 27 is used in association with a pair of trousers 28.

The belt 27 has a three quarter belt member 13, similar in every respect to the one heretofore described, and two non-elastic adjustable strap members 29. Each strap member 29 is provided with a plurality of eyes 30 longitudinally aligned

and is secured to the inside of the trousers at its waist, one on each side of a front fly 31. The trousers 28 do not have a front center button 25 and are in all other respects similar to the trousers 12 heretofore described.

When the hooks 20 are interlocked with two of the eyes 30, the surplus of material resulting from differences in measurement between the waist of the trousers and the adjusted belt is forced to the sides, leaving the front and rear of the pants neat and flat.

Although the drawings and the description show the three quarter belt member 13 secured to the trousers 12 and 28 by button and buttonhole means, and the three quarter belt member secured to the adjustable strap 14 in one case and the straps 29 in the modification by interlocking hooks and eyes, it is to be understood that other types of fastenings and attachments can be employed such as buckles, snap fasteners, T and socket fittings, etc.

While I have illustrated and described the preferred embodiments of my invention, it is to be understood that I do not limit myself to the precise constructions herein disclosed and the right is reserved to all changes and modifications coming within the scope of the invention as defined in the appended claim.

Having thus described my invention, what I claim as new and desire to secure by United States Letters Patent is:

In combination with a pair of trousers having a waist band portion, an adjustable waist grip belt, on the trousers and two trouser loops each disposed on the inside of the waist band portion forward of and near the sides of said trousers, the waist grip belt comprising a three quarter belt member and an adjusting strap member, the three quarter belt member being formed with a non-elastic back portion and two elastic side portions each secured to an end of the said back portion, the free end of each elastic side portion being provided with a locking element, and the adjusting strap member being non-elastic and having a plurality of longitudinally aligned cooperating locking elements adapted to coact with the locking elements on said elastic side portion to join the belt members detachably and adjustably, the waist grip belt being disposed about the waist inside the trousers and extending through the trouser loops and being detachably secured to said trousers by fastening elements, one set of fastening elements joining the center of the adjusting strap member to the front of the trousers, and additional fastening elements joining the non-elastic back portion of the three quarter belt to the trousers at the back near its sides.

AMEDEO D. GRISANTI.

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