Aug. 19, 1930. O. S. GOOD 1,773,456

GARMENT ATTACHMENT

Filed Sept. 13, 1928 2 Sheets-Sheet 1

FIG. 1

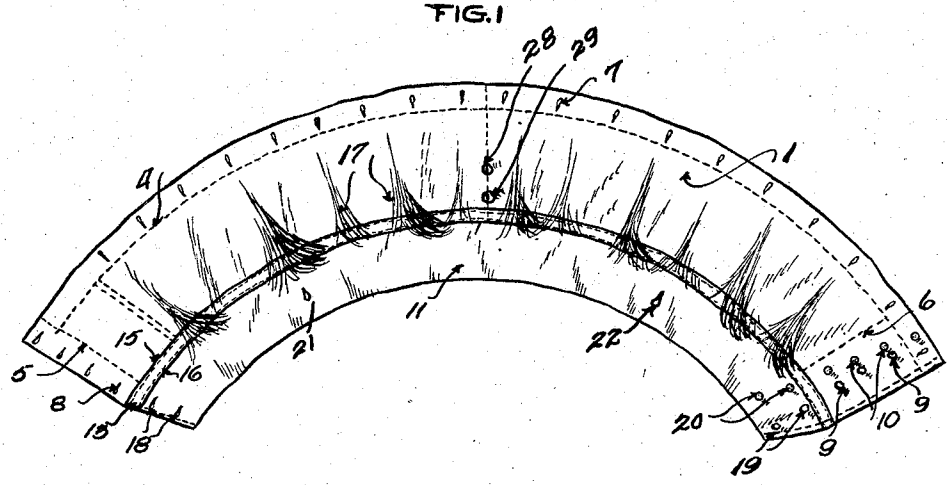
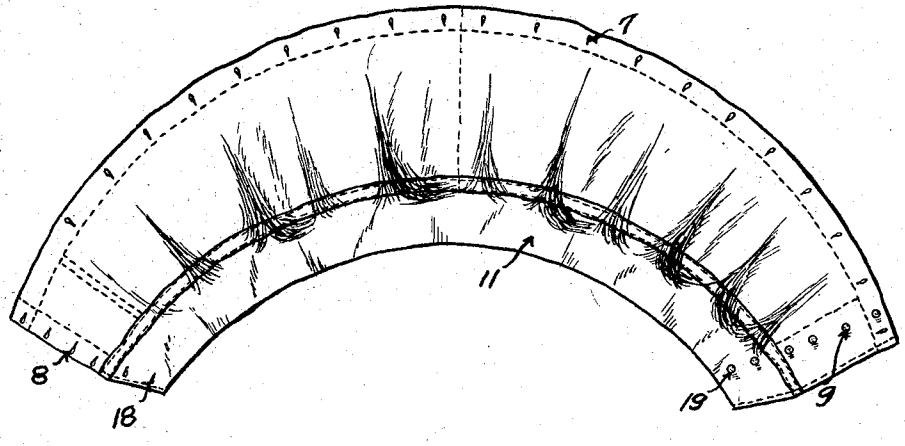
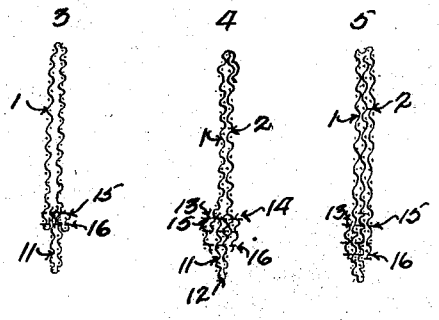


FIG. 2



FIGS.



INVENTOR.
ORRIN S. GOOD.
BY Semmes & Semmes
ATTORNEYS.

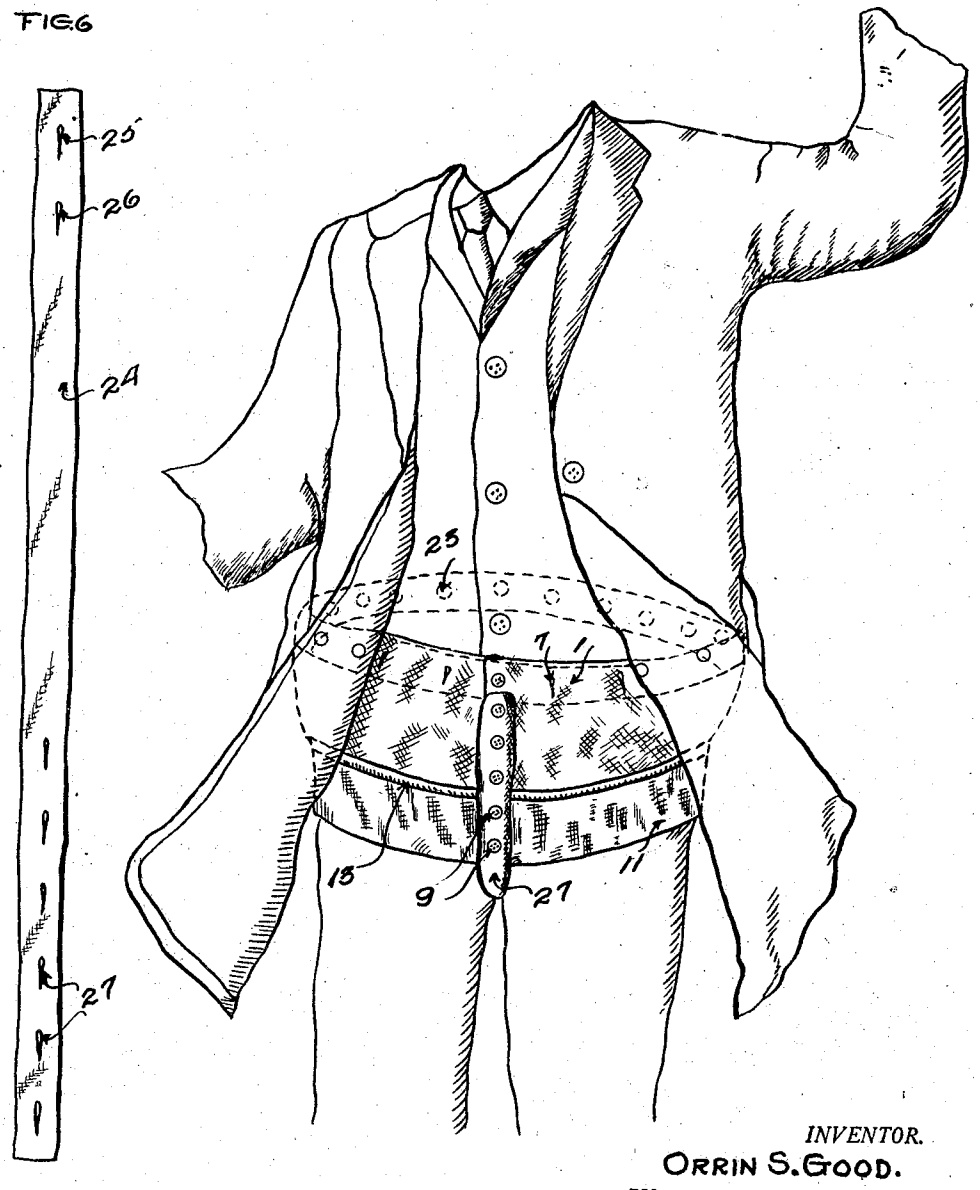
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GARMENT ATTACHMENT

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FIG. 7

FIG. 6



INVENTOR.
ORRIN S. GOOD.
BY Semmes & Semmes.
ATTORNEYS.

Patented Aug. 19, 1930 1,773,456

UNITED STATES PATENT OFFICE

ORRIN S. GOOD, OF NEW YORK, N. Y.

GARMENT ATTACHMENT

Application filed September 13, 1928. Serial No. 305,742.

This invention relates in general to wearing apparel, and more particularly has reference to an attachment for uniting an outer garment to trousers.

Previous to this time, in cold climates the various garments worn over the usual wearing apparel have not afforded the maximum amount of protection, inasmuch as the cold has been allowed to enter from the bottom which is usually open. Wearing apparel of this character, such as overcoats and mackinaws, have been provided with draw strings and the like at the bottom in an attempt to prevent cold from entering, but these types of coats have bound the limbs of the wearer so that their use has been attended by discomfort and in instances of use where strenuous activity is required, their employment has oftimes proved dangerous, by reason of the fact that the limbs are bound by such strings and their free use is not allowed. These garments have also been in line of departure from the ordinary fashion of such wearing apparel, and on dress occasions have not presented a becoming appearance.

An object of this invention is to provide an attachment for uniting an outer garment to trousers to preclude the entrance of cold.

Another object of this invention is to provide an attachment for preventing the entrance of cold under an outer garment that will not bind any portion of the wearer's anatomy.

Still another object of this invention is to provide an attachment for uniting an outer garment to trousers that will at all times conform to the configuration of the wearer's body.

A further object of this invention is to provide an attachment for uniting an outer garment to trousers that is adaptable to persons of varying girth.

A still further object of this invention is to provide an attachment for uniting an outer garment and trousers having an application which is not apparent in observing persons wearing the same.

With these and other objects in view which may be incident to my improvements, the invention consists in the parts and combinations to be hereinafter set forth and claimed, with the understanding that the several necessary elements comprising my invention, may be varied in construction, proportions and arrangement, without departing from the spirit and scope of the appended claims.

In order to make my invention more clearly understood, I have shown in the accompanying drawings means for carrying the same into practical effect, without limiting the improvements in their useful applications to the particular constructions, which for the purpose of explanation, have been made the subject of illustration.

In the drawings forming a part of this specification:

Figure 1 is the top view of the attachment forming the subject matter of this invention.

Figure 2 is a top view showing the method of constructing an attachment of this character for a corpulent person.

Figures 3, 4 and 5 are sectional views showing various methods of attaching the webbing to the material forming the body of the attachment.

Figure 6 is a top view of the joining tape.

Figure 7 is a perspective view, showing the the method of fixing the attachment between a person's outer garment and his trousers.

Referring by numerals to the drawings and more particularly to Figure 1, the attachment comprises a body portion 1 made out of any suitable material, preferably some heavy piece of flexible woolen goods. The strip of goods is cut in rectilinear form of such a length that it will encircle the inner portion of an outer garment with provision for the ends overlapping a sufficient distance to afford a snug closure.

The top and side edges of the strip are preferably turned over and sewn to corresponding edges on a lining 2 as shown in Figure 4, by seams 4, 5 and 6, as shown in Figure 1. The top edge is provided with a series of buttonholes 7 and the left-hand side edge is provided with a series of buttonholes 8. The opposite end of the strip is provided with a series of buttons 9 parallel to the edge of the strip, and another series of buttons 10 angularly disposed with respect to the edge of the

strip, having the top button common with the series of buttons 9.

The strip 1 is adapted to be placed about the hips of the wearer and fastened by engagement of the buttons 9 with the buttonholes 8. If a more snug fit of the strip is desired, the buttonholes are placed over the buttons 10, which are angularly arranged with respect to the edge.

The edges of a band of suitable elastic webbing 11 as shown in Figure 4, turned over at the bottom as in 12, are inserted in the openings between the bottom edges of the strip 1 and the lining 2. A plurality of tapes 13 and 14 are superimposed over the bottom edges of the strip and lining respectively, on the opposite faces of the garment and sewed thereon by seams 15 and 16. The elastic webbing 11 is preferably cut of such a length, that when it is practically fully stretched it will be the same length as the strip 1 and is sewed on the strip in this condition, so that when it is allowed to assume its normal length it will cause the formation of a series of gathers 17 in the body portion of the garment.

One end of the band of elastic webbing is provided with a plurality of buttonholes 18 formed in line with the series of buttonholes 8 on the body portion 1, and the plurality of buttons 19 and 20 are sewed on the other end of the webbing in line with the series of buttons 9 and 10 respectively. This series of buttons 9 and 10 is adapted to be fastened to the buttonholes 8 in the same manner as the buttons 19 and 20 on the webbing are fastened to the buttonholes 18, when the attachment is buttoned about the wearer. The band of elastic webbing is also provided with a pair of buttonholes 21 and 22 formed in approximately a vertical line with the arm pits of the wearer so that they will fall on the opposite side seams of a pair of trousers.

The attachment is adapted to be buttoned to the inner portion of an outer garment as shown in Figure 7 through the agency of buttons 23, sewn around the inner face of the garment adapted to engage the buttonholes 7 worked in the top of the strip 1. The elastic webbing 11 is preferably worn about the hips of the wearer with the bottom approximately in line with the crotch. The row of buttons 23, are positioned on the inside of the outer garment to allow the webbing to hang at this point according to the width of the strip 1. It is preferred that the strip be of such a width that the attachment may be positioned approximately about the waist of the wearer, so that beside precluding the entrance of cold, the garment will serve to lend additional protection to the abdominal portion of the wearer's anatomy.

It is manifest that the bottom of the garment by reason of the elasticity of the webbing, will fit snugly below the hips of the wearer at the crotch without binding his limbs, and conform at all times to his figure and even in occasion of strenuous activity not hinder their use.

To insure a snug fit of the garment between the limbs of the wearer, a strap 24 having a plurality of buttonholes 25 and 26 formed on one end, and a series of buttonholes 27 worked in the other end may be fastened to the front and back portions of the garment. A plurality of buttons 28 and 29 are sewed on the back portion of the strip 1 as shown in Figure 1 adapted to receive the buttonholes 25 and 26. The buttonholes 27 are adapted to be buttoned over the same series of buttons 9 and 10 as secure the front edges of the union garment.

The strap 24 is preferably made of elastic material so that it will in no way bind the wearer and allows adjustment over a range of the distance between the buttonholes 25 and 26, inasmuch that in place of the two buttonholes being fixed over the buttons 28 and 29, the buttonhole 25 may be fixed over the button 29 or the buttonhole 26 fastened over the button 28, so that the strip hangs loosely or a tighter adjustment is afforded. The strap 24 can be further adjusted by changing the position of the buttonholes 27 as shown in Figure 6, over the buttons 9, illustrated in Figure 7, or 9 and 10, or 10 and 20 as shown in Figure 1, as the buttonhole end of the strap in front is the portion which is ordinarily adjusted. Oppositely disposed buttons (not shown) may be sewn on the side seams of the trousers to engage the buttonholes 21 and 22 in the webbing, so that when the strap 24 is worn with the garment, a tight fit is also insured at the sides, although it is manifest that it is not necessary to use either the strap 24 or attach the buttons to the sides of the trousers unless a more secure fit is desired.

It is manifest that this invention is in nowise restricted to the use of buttons, as any other conventional type of fastening means, such as hooks and eyes, or any suitable type of snap buttons may be used and in the same manner the particular method of attaching the webbing to the strip 1, or different formation of the strip 1 may be employed.

The strip 1 may be turned over at the top as shown in Figure 3, and the bottom edges turned in and sewn to the inserted edges of the webbing, thereby dispensing with the use of the lining 2 and tapes 13 and 14, or the strip 1 may be turned over at the top in the same manner and the lining 2 interposed between the folded strip and the ends of the webbing sewn at the bottom with only the tape 13 and the bottom edge of the inner portion of the strip 1 turned in to afford a finished edge on the inside.

To properly fit corpulent persons, the strip 1 may be cut differently to conform with in-

creased abdominal proportions. The body is cut so that the width in the middle is greater than that at the ends, as shown in Figure 2, and the webbing joined in the same manner. It is apparent that this construction may be varied to any desired degree to suit the requirements of the various anatomical peculiarities of different persons.

There is accomplished by this invention an attachment for uniting an outer garment to trousers, buttoned approximately about the waistline of the outer garment and fitted about the trousers slightly below the hips of the wearer, that will not bind the limbs of the person, but work to exclude the penetration of cold, and lend additional protection to the abdominal portions.

I claim:

1. An attachment for uniting an outer garment and trousers, comprising a cloth strip turned over at the top and side edges, a series of buttonholes worked in the top edge of the strip adapted to engage corresponding buttons sewn around the inner portion of an outer garment, a series of buttonholes worked in one side edge of the strip adapted to engage corresponding buttons sewn on the opposite side edge, a lining sewed in the turned over top and side edges of the strip, a folded-over strip of elastic webbing having the edges sewed between the bottom of the lining and the strip, said elastic webbing being sewn while stretched between the bottom of the lining and the strip, and means to secure the ends of the elastic webbing.

2. An attachment for uniting an outer garment and trousers comprising, a cloth strip turned over at the top and the side edges, a series of buttonholes worked in the top edge of the strip adapted to engage corresponding buttons sewn around the inner portion of an outer garment, a series of buttonholes worked in one side edge of the strip adapted to engage corresponding buttons sewn on the opposite side edge, a supplementary series of buttons being sewn on said opposite side edge angularly disposed with respect to the first named series of buttons, a lining sewn in the turned-over top and side edges of the strip, a folded-over strip of elastic webbing having the edges sewn between the bottom of the lining and the strip, said elastic webbing being sewn while stretched between the bottom of the lining and the strip, one of the side edges of the elastic webbing being provided with a plurality of buttonholes in line with the buttonholes on the side edge of the cloth strip and two pairs of buttons sewn to the opposite side edge of the elastic webbing in line with the double series of buttons on the side edge of the strip.

3. An attachment for uniting an outer garment and trousers comprising, a cloth strip turned over at the top and side edges, a series of buttonholes worked in the top edge of the strip adapted to engage corresponding buttons sewn around the inner portion of an outer garment, a series of buttonholes worked in one side edge of the strip adapted to engage corresponding buttons sewn on the opposite side edge, a supplementary series of buttons being sewn on said opposite side edge angularly disposed with respect to the first named series of buttons, a lining sewn in the turned-over top and side edges of the strip, a folded-over strip of elastic webbing having the edges sewn between the bottom of the lining and the strip, said elastic webbing being sewn while stretched between the bottom of the lining and the strip, one of the side edges of the elastic webbing being provided with a plurality of buttonholes in line with the buttonholes on the side edge of the cloth strip, two pairs of buttons sewn to the opposite side edge of the elastic webbing in line with the double series of buttons on the side edge of the strip, a plurality of tapes sewn on the seam between the webbing and the strip, and the webbing and the lining, and a plurality of buttonholes worked in the opposite sides of the webbing adapted to engage corresponding buttons sewn on the side seams of the trousers.

4. An attachment for uniting an outer garment and trousers comprising, a cloth strip turned over at the top and side edges, a series of buttonholes worked in the top edge of the strip adapted to engage corresponding buttons sewn around the inner portion of an outer garment, a series of buttonholes worked in one side edge of the strip adapted to engage corresponding buttons sewn on the opposite side edge, a supplementary series of buttons being sewn on said opposite side edge angularly disposed with respect to the first named series of buttons, a lining sewn in the turned-over top and side edges of the strip, a folded-over strip of elastic webbing having the edges sewn between the bottom of the lining and the strip, said elastic webbing being sewn while stretched between the bottom of the lining and the strip, one of the side edges of the elastic webbing being provided with a plurality of buttonholes in line with the buttonholes on the side edge of the cloth strip, two pairs of buttons sewn to the opposite side edge of the elastic webbing in line with the double series of buttons on the side edge of the strip, a plurality of tapes sewn on the seam between the webbing and the strip and the webbing and the lining, and a plurality of buttonholes worked in the opposite sides of the webbing adapted to engage corresponding buttons sewn on the side seams of the trousers, and an elastic strip having a plurality of buttonholes worked in one end and a series of buttonholes worked in the other end and the pair of buttonholes being adapted to engage a pair of corresponding buttons sewn on the back of the cloth

strip and the series of buttonholes being adapted to engage one of the series of corresponding buttons sewn on the side edges of the cloth and webbing strips, engaging the buttonholes worked in the opposite edges.

5. An attachment for uniting an outer garment and trousers comprising a cloth strip of a width substantially the same as the distance between the waistband and the crotch of the trousers, means to fasten the cloth strip to the inner portion of an outer garment adjacent the waistband of the trousers, means to secure the ends of the cloth strip together, means carried by the bottom of the strip to afford a snug fit about the legs of the wearer below the hips without binding, and means detachably fastened to said securing means adapted to pass under the crotch of the wearer and to be fastened to the back of said cloth strip for maintaining said attachment about the legs and hips of the wearer.

In testimony whereof I affix my signature.

ORRIN S. GOOD.