Aug. 8, 1933. W. HYMES 1,921,467

ADJUSTABLE GARMENT CUFF

Filed Nov. 19, 1932

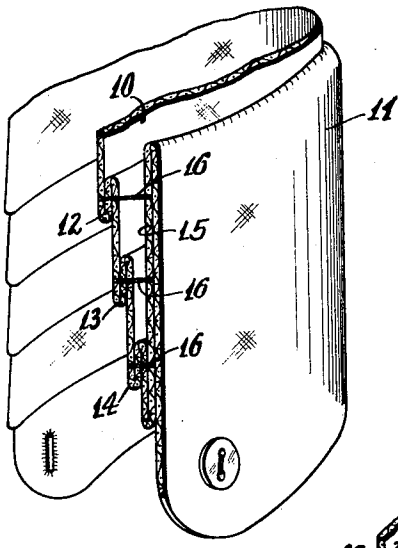


Fig. 1.

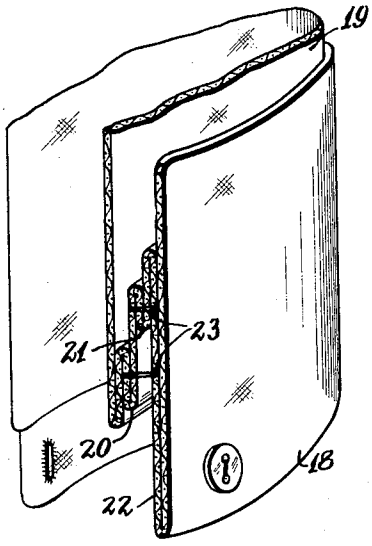


Fig. 2.

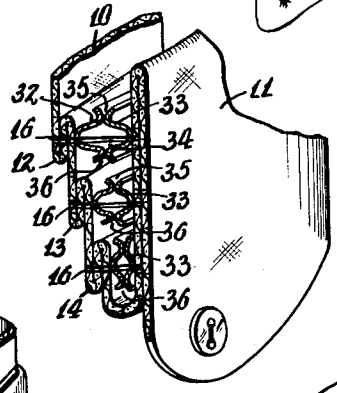


Fig. 5.

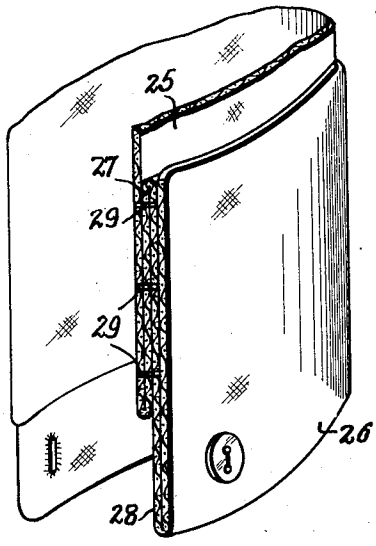


Fig. 3.

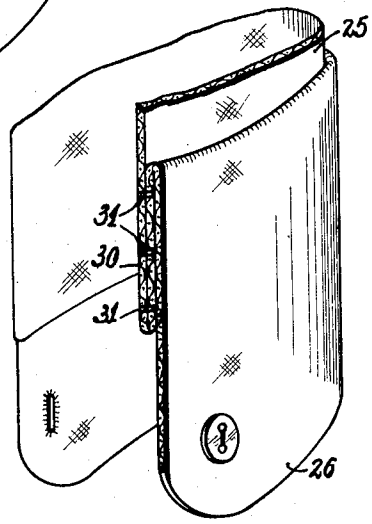


Fig. 4.

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ADJUSTABLE GARMENT CUFF

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Serial No. 643,353

5 Claims. (Cl. 2—123)

This invention relates to new and useful improvements in adjustable tubular elements with cuffs, such as shirt sleeves, trouser legs, etc.

The invention has for an object the construction of an adjustable arrangement upon the tubular element so that the length of the sleeve or trouser leg may be varied to insure a better fit for the wearer.

Still further it is proposed to arrange the adjustable element hid from view by location behind the cuff, and to so arrange the cuff that it may be temporarily bent away from its association with the adjusting elements so as to be adapted for ironing by itself. In previous constructions the cuff was fixed relative to the adjusting arrangement and when ironed in such fixed position various portions of the adjustments were ironed through and visible from one exterior of the cuff.

It is a still further object of this invention to accomplish the adjustment by a plurality of stitches holding adjacent layers of material of the tubular member in a fashion so that portions of the stitches may be released to accomplish extension.

Further, it is proposed to so construct the areas stitched together that they may be conveniently cut apart without any possibility of damage to the adjacent layers of the tubular member.

This invention has for a still further object the construction of an article as mentioned which is simple and durable and which may be manufactured and sold at a reasonable cost.

For further comprehension of the invention, and of the objects and advantages thereof, reference will be had to the following description and accompanying drawing, and to the appended claims 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:—

Fig. 1 is a fragmentary perspective view of a tubular member, namely a shirt sleeve, shown provided with a cuff and constructed according to this invention.

Fig. 2 is a similar view showing a modified form of the invention.

Fig. 3 is another similar view showing a further modified form.

Fig. 4 is still another similar view showing a still further modified form.

Fig. 5 is a fragmentary view similar to a portion of Fig. 1 but illustrating a further modified form.

The adjustable tubular element and cuff according to this invention, comprises a tubular element 10 associated with a cuff 11, the junction between the tubular element and the cuff, in Fig. 1, comprises a plurality of superimposed rows of pleats 12, 13 and 14 immediately adjacent a vertical layer 15 which connects at its upper edge with the cuff 11. A plurality of rows of stitches 16 connect the pleats 12, 13 and 14 with the layer 15 so as to permanently connect the parts together but said stitches being of the type, for example, basting stitches, so as to be readily destroyed or removed to allow adjustments of the cuff when desired. For example, if it is desired to lengthen the sleeve and cuff, the upper row of stitches, which hold the pleat 12 closed, should be removed so that the pleat 12 may now open and extend the sleeve. Further extension is accomplished by opening the pleats 13 and 14. The cuff 11 is of the type supported at the top and extending downwards.

In Fig. 2, a modified form of the invention has been disclosed in which a cuff 18 is shown associated with a tubular element 19, and said cuff being of the type supported at the lower edge and extended upwards. More particularly, the adjustable construction is accomplished by forming the junction between the tubular element and the cuff 18 with a plurality of super-imposed rows of pleats 20, and 21 arranged immediately adjacent a layer 22 of the material which joins at its bottom with a bottom edge of the cuff 18 so that the cuff itself is directed upwards. The pleats 20 and 21 are held closed by stitches 23. The sleeve and cuff may be extended by opening either of the rows of stitches holding either of the pleats 20 and 21 closed or opening both of the rows of stitches.

In Figs. 3 and 4 still further modified forms of the invention have been been disclosed which are very similar to each other except that Fig. 3 illustrates an upward directed cuff, while Fig. 4 a downward directed cuff. Referring particularly to Fig. 3, reference numeral 25 indicates a tubular element which is associated with the cuff 26. The junction between these parts comprises one large pleat 27 arranged immediately adjacent a layer 28 connected at its bottom edge with the cuff 26. A plurality of parallel slightly spaced circular rows of stitches 29 serve to hold the pleat 27 closed in a fashion so that one or more of these rows of stitches may be opened for extending the sleeve and cuff. Fig. 4 is quite similar except that the junction between the tubular element 25 and the cuff 26

comprises one large pleat 30 held closed by a plurality of parallel rows of stitches 31 and the outer side of the pleat 30 joins directly with the upper edge of the cuff 26 so that the cuff 26 itself is directed downwards.

In Fig. 5, a further modified form of the invention has been disclosed in which a means is provided between the junction by guiding a blade (not shown on the drawing) to cut the stitches without any possibility of cutting the material of the layers. This arrangement permits the stitches to be "machine" stitches instead of basting as previously called for in this specification. More particularly, the means comprises a pair of adjacent strips 32 each having their central portions bulged away from each other producing a central passage 34 and having the edges contacting along the areas 35 except that the extreme elements of the edges are flared away from each other producing wedged-shaped openings for guiding a razor blade to cut the threads. The strips are secured down simultaneously with the stitching so that the stitchings extend through the centers of the passages 34. In other respects the construction is similar to the preferred form.

Fig. 5 distinctly shows the form of the invention illustrated in Fig. 1, similar parts being recognizable by corresponding reference numerals but it should be borne in mind that the strips may be correspondingly inserted between the layers or pleats of the other forms illustrated in Figs. 2, 3 and 4. The strips preferably should be made of flexible material sufficiently stiff to maintain its shape, such as waxed cardboard or the like. Thus the strips themselves will not interfere with the wearing of the garment to which the invention is applied.

In all the forms of the invention disclosed, the cuffs are arranged so as to normally be extended over the pleats used for the adjustability. Upon inspecting all of the figures, it should be noticed that these cuffs may be bent away from their positions so that they may be ironed singularly instead of being ironed out over the pleats which would naturally cause embossing of the cuff to some degree showing the pleats. For example, in the form of the invention illustrated in Figs. 1 and 4 the cuffs 11 and 26 respectively may be opened upwards to be free from the pleats while in the form of the invention illustrated in Figs. 2 and 3 the cuffs 18 and 26 respectively may be opened downwards.

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

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

1. An adjustable tubular element and cuff for shirt sleeves, trouser legs and the like, comprising a tubular element associated with the cuff, the junction between these parts including a pleat and stitches holding said pleat closed, a pair of adjacent flexible stiff straps between the layers of said pleat, the longitudinal central areas of said strips being bowed away from each other, and the edges being in contact with each other except for the extreme elements thereof arranged flared away to produce a guiding passage for the insertion of a cutting implement to cut said stitches.

2. An adjustable tubular element and cuff for shirt sleeves, trouser legs and the like, comprising a tubular element associated with the cuff, the junction between these parts including a pleat and stitches holding said pleat closed, and a pair of adjacent shielding straps stitched down by said stitches and having their edges in contact with each other except for the extreme elements of the edges of said shielding straps, said extreme elements being arranged flared away from each other.

3. In an adjustable tubular element and cuff for shirt sleeves, trouser legs and the like, a tubular element associated with the cuff, the junction between these parts including a plurality of vertically spaced rows of pleats, said rows of pleats being closely spaced to each other and having the lower bends of each row spaced from the upper bends of immediately adjacent lower rows so that the thickness of the tubular element and the cuff varies along its height in progressive steps, and means for maintaining the shapes of said steps.

4. In an adjustable tubular element and cuff for shirt sleeves, trouser legs and the like, a tubular element associated with the cuff, the junction between these parts including a plurality of vertically spaced rows of pleats, said rows of pleats being closely spaced to each other and having the lower bends of each row spaced from the upper bends of immediately adjacent lower rows so that the thickness of the tubular element and the cuff varies along its height in progressive steps, and a plurality of strips mounted behind said pleats to aid in maintaining the step formation.

5. In an adjustable tubular element and cuff for shirt sleeves, trouser legs and the like, a tubular element connecting at the bottom with an upward disposed layer of material in turn connecting with a downward disposed cuff, the lower portion of said tubular element immediately behind said upward disposed layer being formed with a plurality of vertically spaced rows of pleats, said rows being closely spaced to each other and having the lower bends of each row spaced from the upper bends of immediately adjacent rows so that the thickness of the tubular element and cuff varies along its length in progressive steps, and strips interposed between said pleats and said upward disposed layer of material and having flared away edges and serving the simultaneous purpose of holding the progressive step formation and producing a guide for the insertion of a cutting implement to segregate the pleats.

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