Detachable Sleeve for Garments

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D. Stramiello

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INVENTOR
Domenich Stramiello

ATTORNEY
This invention relates to new and useful improvements in a detachable garment sleeve.

The invention has for its object the construction of a short sleeve which is characterized by a short sleeve portion and an extension portion for constituting a long sleeve, the two adjacent edges of said portions having bent in sections upon which an inter-engaging hook device is mounted. The arrangement permits the extension portion to be removed when desired so that the sleeve may be shortened.

Still further the invention specifically contemplates the provision of strips of flexible material attached at their outer edges upon the bent in sections of the short sleeve portions and an arrangement by which the inter-engageable hooks are mounted upon said strips of flexible material.

Another one of the objects of this invention resides in the provision of a cover strip which is adapted to extend across the inner side of the junction between the extension portion and the short sleeve to prevent the inter-engaging hooks from engaging against one's skin.

Still further the invention proposes to arrange the parts that when the extension portion is removed the said covering strip may be folded up and beneath one of the strips of flexible material to which elements of the inter-engageable hooks are mounted, to encase and cover them from exposure and possible engagement against one's skin when the shirt is worn.

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 perspective view of a shirt with sleeves constructed according to this invention.
- Fig. 2 is a fragmentary perspective enlarged detailed view of one of the sleeves illustrated with the extension portion partially removed so that the details of the flexible strips and the inter-engaging hooks may be clearly seen.
- Fig. 3 is a fragmented enlarged sectional view taken on the line 2—3 of Fig. 2.
- Fig. 4 is a view similar to Fig. 3 but illustrating a modification of the invention.
- Fig. 5 illustrates the sleeve shown in Fig. 4 with the covering strip folded upwards to encase the flexible strip provided with the inter-engageable hooks.
- Fig. 6 is a similar view to Fig. 1, but illustrating another form of the invention.

According to this invention the shirt sleeve comprises a short sleeve portion 10 and an extension portion 11 constituting a long sleeve. The adjacent edges of said sleeve portions have bent in sections 13 and 14 respectively. Specifically, these bent in sections comprise an outer layer 15 continuing into an interior layer 16. A strip of flexible material 12 is attached at its outer edge 17 to each of the bent in sections of the sleeve portions, Fig. 4. For this purpose there is a line of stitches 18 which extends through the bent in section and the adjacent portion of the flexible strip of material to accomplish the attachment of these parts.

An auxiliary line of stitches 19 is arranged parallel to the stitches 18 at another area of these parts and serves merely for the purpose of more securely connecting the parts together. The adjacent edges of the flexible materials are provided with inter-engageable hooks 14. These hooks are of the type which may be inter-engaged with a control slide such as the slide 15 shown in Fig. 2. The inter-engaging hooks 14 are arranged completely along the lengths of the strips 18.

At one point one of the edges is provided with a starting block 18 adapted to receive a stud 17 from the other edge so as to hold the hook fastener in a starting position. The control slide 16 may be slipped on the hook fastener in a conventional manner and drawn along to cause the fasteners to engage each other. The details of the fastener, the starting points 16 and 17, and the control slide 15 form no part of this invention and are generally known in the art and therefore will not be given in this specification.

In Figs. 4 and 5 a modification of the invention has been disclosed in which a covering strip of material 20 is disposed across the junction between the short sleeve portion and the extension portion and is attached at its top edge 20 by the line of stitches 18 to the strip 12 and the adjacent bent portion 16 of the shirt sleeve. This covering strip of material is of sufficient width to extend over the junction between the sleeve portions and cover the hook fasteners.

Auxiliary hook elements 21 are attached at spaced intervals along the free edge of the covering strip 20 and are adapted to coact with fixedly mounted eye elements 22 upon the lower strip portion 11, as clearly shown in Fig. 4. It should be noted that the covering strip serves to encase the hook fasteners and prevents them from coming into intimate contact with one's skin.
When the extension sleeve portion 11 is removed the covering strip 20 may be folded in a novel manner so as to encase the hooks 14 on the strip 12 which is mounted on the short sleeve portion. More specifically, the lower edge of the covering strip 20 is bent upwards across the hook fastener 14 to a position in which the hooks 11 engage complementary eye elements 21 mounted on the outer face of the flexible strip 12. The device is shown in this condition in Fig. 5. When thus arranged the covering strip will protect one's skin from intimate contact with the hook fasteners.

In Fig. 6 buttons and buttonholes 22 are illustrated for joining the extension portions 14 to the short sleeves 10 of the garment. These buttons may also be in the form of ornamentations, or snap fasteners.

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 claims.

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

1. A sleeve comprising a short sleeve portion having its outer edge portion bent inwards, a flexible strip of material disposed against the inner face of said bent in edge portion and attached at its inner edge on said edge portion, hook elements on the outer edge portion of said flexible strip of material and adapted to interengage complementary hook elements associated with an extension portion for said sleeve to make a full length sleeve, a covering strip of material disposed against the inner face of said flexible strip of material and attached at its inner edge and extending over the free edge of said flexible strip to the outer face thereof, fastening elements on said covering material, and coacting fastening elements on the outer face of said flexible strip for holding the covering strip releasably in position to be releasable to extend over complementary hook elements of said extension portion.

2. A sleeve comprising a short sleeve portion having its outer edge portion bent inwards, a flexible strip of material disposed against the inner face of said bent in edge portion and attached at its inner edge on said edge portion, hook elements on the outer edge portion of said flexible strip of material and adapted to interengage complementary hook elements associated with an extension portion for said sleeve to make a full length sleeve, a covering strip of material disposed against the inner face of said flexible strip of material and attached at its inner edge and extending over the free edge of said flexible strip to the outer face thereof, fastening elements on said covering material, and coacting fastening elements on the outer face of said flexible strip for holding the covering strip releasably in position to be releasable to extend over complementary hook elements of said extension portion.