Aug. 22, 1939. B. H. REEVES 2,170,339

GARMENT

Filed July 21, 1937

Fig. 1.

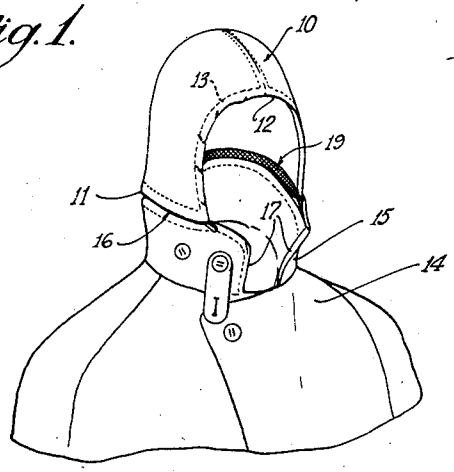


Fig. 4.

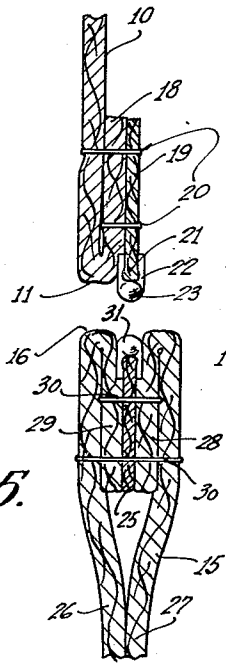


Fig. 3.

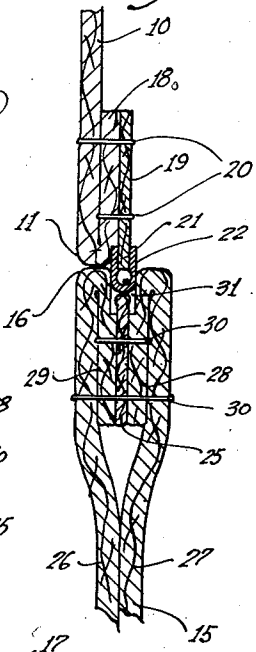
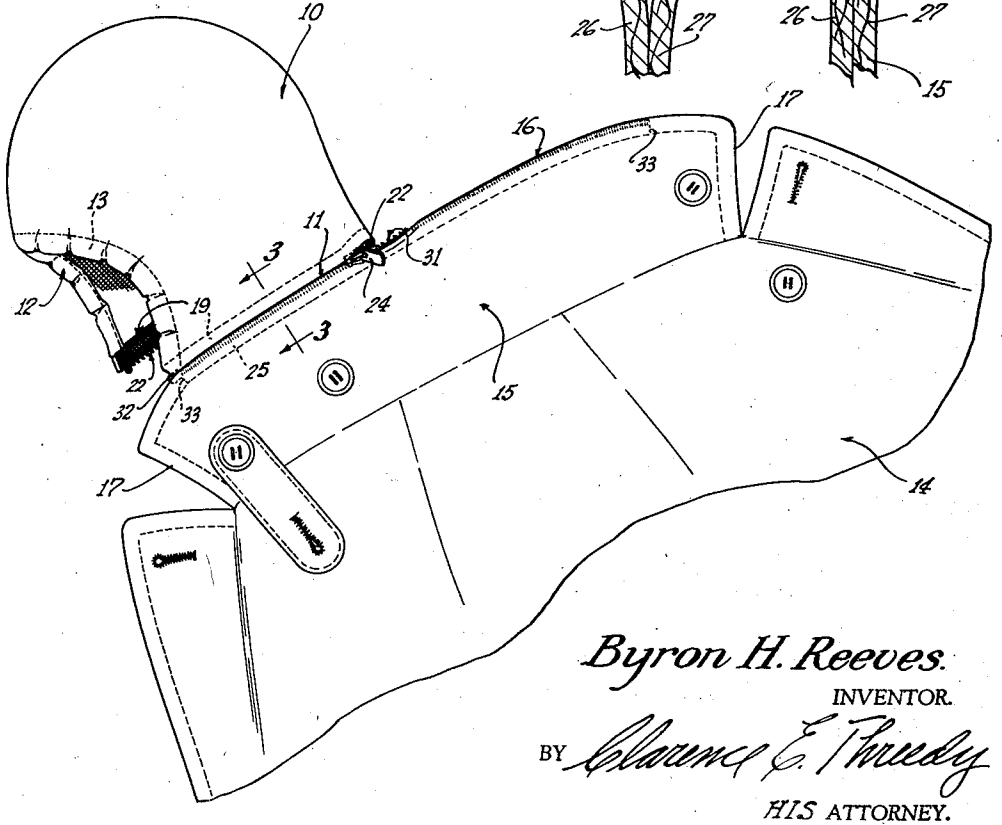


Fig. 5.

Fig. 2.



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2,170,339

GARMENT

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Application July 21, 1937, Serial No. 154,812

2 Claims. (Cl. 2—84)

This invention pertains to wearing apparel and has among its important objects the provision of a garment in the nature of a jacket or coat having a removable hood or helmet and means for removably attaching the hood to the collar portion of the jacket.

A more specific object is the provision of a garment having a standing collar or a collar which may be folded into standing position, and a helmet having a lower edge portion and slide fastening means for securing the upper edge portion of the collar and the lower edge portion of the hood or helmet together along a completely closed seam.

Another object is the provision in a garment of the type described of means for removably joining the lower edge portion of a hood or a helmet to the upper edge portion of a collar so as to provide a continuous and completely closed juncture or seam between the two members without increasing the thickness of material about the neck of the wearer.

Still another object is the provision of a garment having a collar adapted to be raised to standing position about the neck of the wearer and a hood or helmet having a continuous lower edge portion and complementary slide fastening or interlocking fastening means attached to the edge of the collar and to the edge of the hood, and means for joining or interlocking the fastening elements, or disengaging the same, for partial or complete attachment of the hood to the collar, or complete separation of these parts.

Yet another object is the provision of a garment having a standing collar with an upper edge portion, and a hood having a continuous lower edge portion, and means for attaching the hood to the collar with the respective edge portions in closely confronting relation so as to provide a smooth and continuously closed seam of no greater thickness than the thickness of the edge of the collar.

Still other objects and novel aspects of the invention reside in the particular manner of attaching the fastening means and in other details of construction and operation of the invention as will appear from the following description taken in view of the drawing in which:

Fig. 1 is a perspective view of the upper portion of a coat with the helmet attached;

Fig. 2 is an enlarged plan view of the upper portion of the coat with the helmet partially detached or unfastened;

Fig. 3 is an enlarged fragmentary vertical section taken along lines 3—3 of Fig. 2; while

Figs. 4 and 5 are complementary sectional views similar to Fig. 3, but showing the members of Fig. 3 separated.

The provision of hoods either permanently or removably attached to garments is old and well known in the art, and the attachment of a helmet to the collar portion of a coat is likewise known to the art. However, in prior practice the hood or helmet has been attached to the collar by means of buttons or snap fasteners of one form or another, which practice necessitated the existence of several folds of cloth in the region of the juncture between the hood or helmet and the collar. This naturally results in a bulky and awkward garment and one which is uncomfortable to the wearer when the collar and hood are closely fitted as they naturally must be to keep out as much of the elements as possible.

Moreover, these prior devices all share the common feature of having what is termed for convenience a "discontinuous seam" or juncture between the hood and the garment. More particularly, where snap fasteners or buttons are applied to the helmet or hood in spaced relation, it is apparent that there will be spaces or portions between the hood and the garment which are likely to be opened by various casual and natural movements of the wearer, which movements tend momentarily to flex the material and thus open or widen the juncture between the hood and garment. So that in addition to providing an unwieldy and uncomfortable attaching means, these prior devices have the additional disadvantage of affording only incomplete protection.

Still another objection to these prior devices is the fact that a plurality of manipulations is usually necessary to attach or detach the hood from the garment, that is to say, a number of buttons or snap fasteners must be manipulated for this purpose.

The present invention overcomes all of these difficulties and undesirable peculiarities of the prior art devices by providing a continuous connection between the extreme edge portions of the garment collar and the hood or helmet in a manner hereinafter to be described in detail, and in addition to providing a means whereby the hood may be attached or detached with a single movement or manipulation, the invention provides for a continuously closed seam which is smooth and free from binding or unwieldy thickness in the region of the "seam" between the hood and collar.

A preferred embodiment of the invention is

illustrated in Fig. 1 and includes a helmet or hood 10 having a lower marginal edge 11 and an upper arcuate profile edge 12, the latter being provided with an elastic 13 adapted to draw the marginal or profile edge portions closely around the face of the wearer when in use.

A jacket or coat 14 of any style, for instance a "lumber jacket" or Mackinaw type shown, includes what is termed herein for convenience a standing collar 15 having an upper marginal edge 16 terminated at its opposite ends by vertical marginal edge portions 17.

The collar 15 is normally adapted to be folded down upon the coat in the usual manner (not shown), and when the collar is in raised or standing position the marginal edge 16 is uppermost and adapted to confront the lower marginal edge 11 of the helmet.

The helmet 10 is preferably made from a single thickness of fabric, and as seen in Figs. 3 and 4, the lowermost marginal edge 11 of the same has a body portion 18 folded inwardly back upon itself to provide an edge of double thickness, and while this feature is not essential, its desirability in the present embodiment will later appear. An elongated slide fastener mounting fabric or strip 19 is attached to the edge portion 11 by any means such as the stitching 20 with the lower longitudinal edge portion 21 of the mounting strip disposed substantially on a line with the lowermost marginal extremity of the edge 11, the fastening elements 22 being disposed along this edge 21 at spaced intervals in the manner well known to the art, and being dimensioned to have their lowermost extremities 23 (Fig. 4 especially) extended very slightly below the lowermost marginal edge portion 11. To this slide fastening element 22 is preferably attached the slidable or movable runner or interlocking rider 24 (Fig. 2).

A second or complementary slide fastening strip 25 substantially identical with the strip 19 is mounted between opposite thicknesses 26 and 27 of the collar 15 of the jacket, upper edge portions 28 and 29 of the collar being folded inwardly to provide a quadruple thickness of material and also to provide what may be termed a longitudinally extensive channel in which the second or complementary mounting strip 25 is disposed between the folded edge portions 28 and 29 for attachment to the latter by such means as the stitching 30. The attaching elements 31 on the strip 25 are arranged to lie very slightly below the upper marginal edge portion 16 of the collar, and in this sense may be said to be substantially hidden from view when the hood is detached from the collar. The helmet attaching strip 19 (Fig. 2) is provided at one of its extremities with a guide clip 32 adapted to facilitate the positioning of the helmet and its attaching member relative to the collar attaching strip.

It is important to observe in Fig. 2 particularly that the collar fastening member or strip 25—31 terminates at each of its extremities 33 at a point substantially spaced from the vertical edge portions 17 to be tailored for as close a fit as may be desired, while conforming the profile or facial edge portions 12 of the hood as closely as desired to the facial contour especially in the region of the mouth and chin. Thus by carefully tailoring the hood and the jacket, with a special reference to the collar thereof, both the hood and collar may be designed to fit the average wearer with any desired degree of closeness, the provision of the edge elastic 13 further enhancing this feature.

The hood 10 may be readily attached to the collar 15 by positioning the aligning clip 32 on the stationary or collar slide fastener strip 25 and thereafter sliding the rider 24 toward the opposite end of the strip, thus interlocking the two slide fastener strips and providing a continuously and firmly closed "seam" or union between the lower edge 11 of the helmet and the upper standing edge 16 of the collar.

From an examination of Fig. 3, it will be readily apparent that an even thin juncture results from the arrangement of attaching means herein described. Attention is called to the fact that the quadruple fold along the edge 16 of the collar is greatly exaggerated in the drawing for the purpose of clear illustration, and in reality is of only slightly greater thickness than the adjoining double folds 26 and 27 of the collar material.

Moreover, as will appear from an examination of Fig. 3 in particular, the arrangement of attaching means herein described provides for the close confrontation of the outermost marginal edge portions 11 and 16 in such a manner as to protect and shield the fastening mechanism 22—31, itself, from the elements, as well as from view, so that the entrance of wind, snow or rain is entirely prevented and there is no evidence to the observer of any attaching mechanism or unsightly line of demarcation between the helmet and collar.

It will be apparent, of course, that various modifications may be made of the particular embodiment herein described explicitly for purposes of illustration, and it is intended that all such modifications, variations and rearrangements in form or substance of the improvements herein set forth are to be included within the call of the appended claims.

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

1. A garment having a collar with an upper marginal edge portion having opposite terminal extremities, and an interlocking slide fastener strip attached to said marginal edge portion and substantially flush with the edgewise extremity thereof and terminating at its opposite ends in inwardly spaced relation to each of the said terminal extremities of said marginal edge of the collar, and a hood having a lower marginal edge portion adapted to confront said marginal edge of the collar and having a complementary slide fastener strip attached to the inner side of said marginal edge portion thereof and substantially flush with the edge thereof, together with slide fastening means cooperable with said slide fastening strips to interlock the same with said marginal edge portions of the collar and the helmet in closely confronting relation, the opposite ends of said lower marginal edge portion of the helmet terminating substantially at the aforesaid opposite ends of the slide fastening member on said collar.

2. A garment having a collar adapted to be raised into standing position relative to the neck of the wearer and formed of two thicknesses of fabric, the uppermost marginal edges of which are turned inwardly back against themselves each toward the other, an elongated slide fastener strip disposed between said folded edge portions and having slide fastener means arranged along the uppermost edge thereof sub-

stantially in alignment or even with the uppermost marginal edge portions of said folds, said strip and folds being secured together, and a helmet having a lower marginal edge portion with opposite extremities converging into an arcuate facial profile edge in the helmet, the latter having portions adjoining said lower marginal edge thereof folded inwardly back upon itself with an elongated slide fastener strip secured thereto and having along its lowermost edge portion fastening elements extending slightly below or beyond said marginal edge portion and adapted for interlocking engagement with the first-mentioned slide fastener elements on said collar, slidable fastener means for interlocking said fastener elements of the hood with those of the collar, said several fastener elements being arranged to dispose said converging extremities of the marginal edge of said hood at opposite points spaced inwardly of the terminal extremities of said marginal edge of the collar.

BYRON H. REEVES.