Jan. 12, 1943. B. GREENHOLTZ 2,308,171

COMPOSITE GARMENT

Filed June 11, 1941 3 Sheets-Sheet 1

Fig. 1

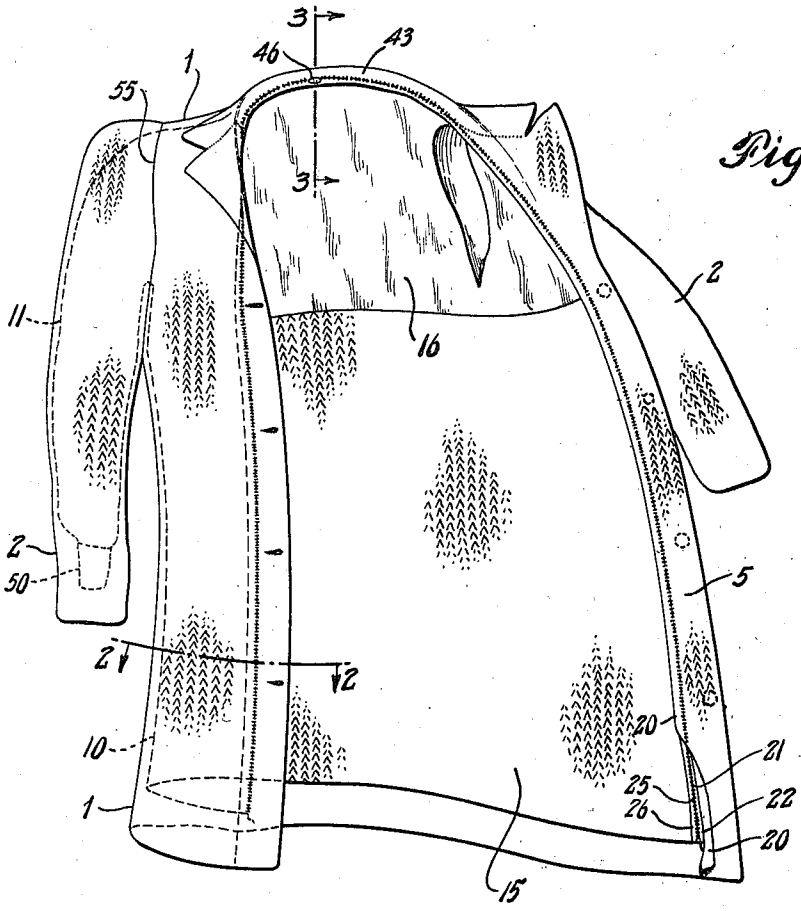
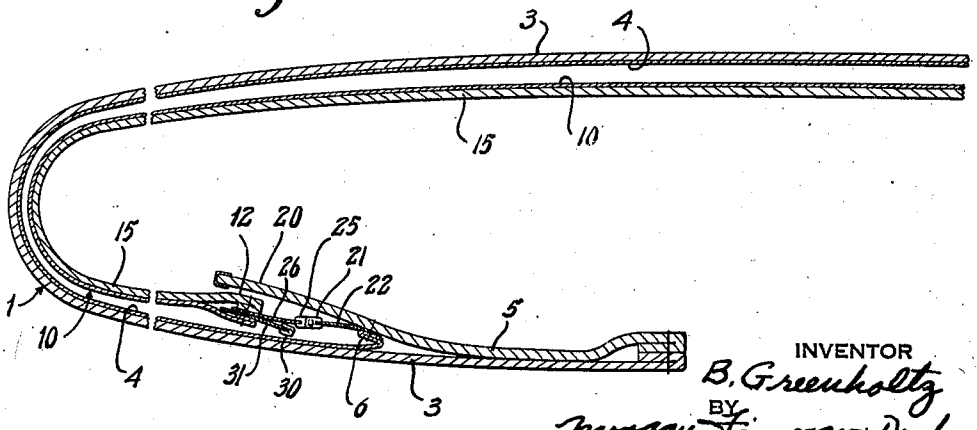


Fig. 2



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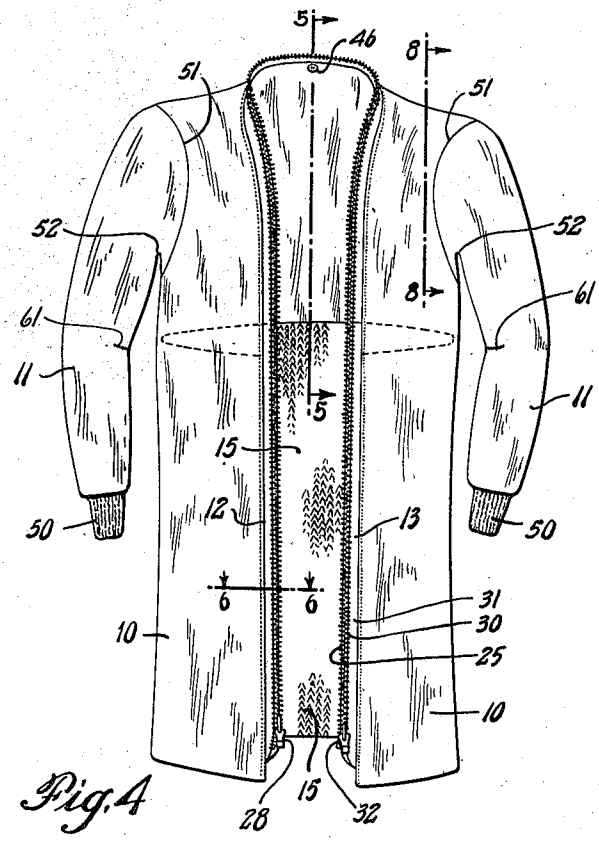


Fig. 4

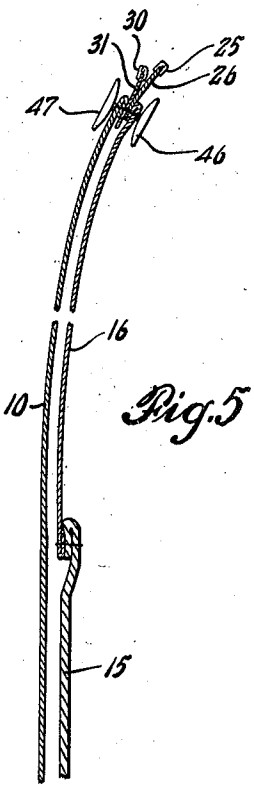


Fig. 5

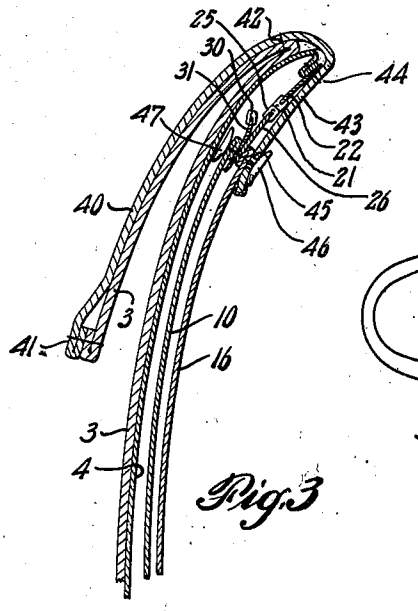


Fig. 3

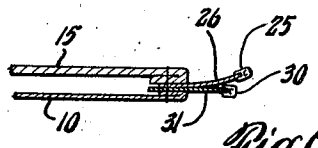


Fig. 6

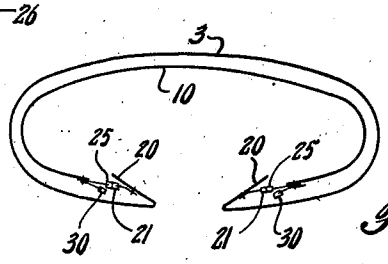


Fig. 7

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Fig. 8

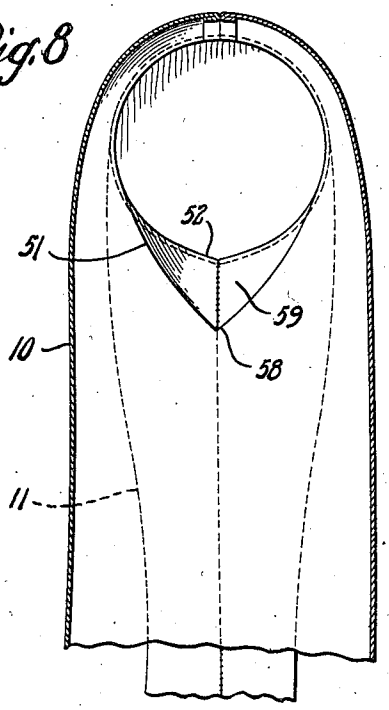


Fig. 9

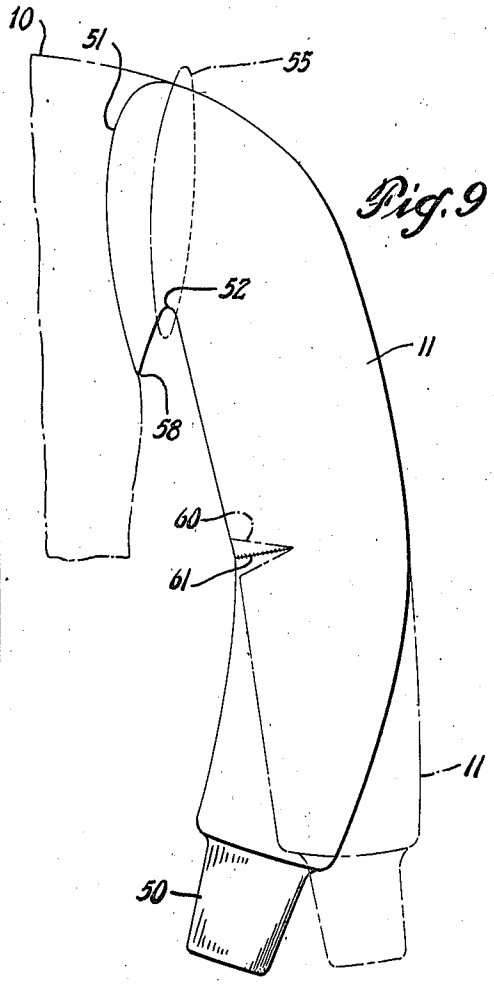
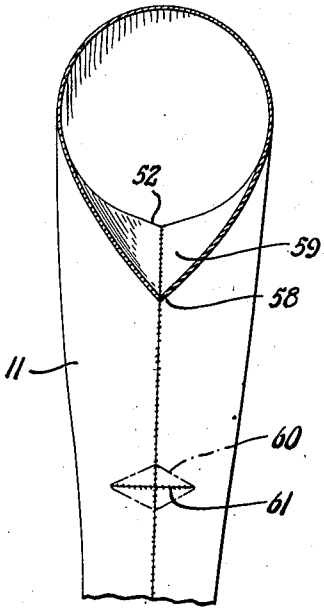


Fig. 10



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Patented Jan. 12, 1943 2,308,171

UNITED STATES PATENT OFFICE

2,308,171

COMPOSITE GARMENT

Benjamin Greenholtz, New York, N. Y.

Application June 11, 1941, Serial No. 397,511

3 Claims. (Cl. 2—97)

The invention relates to garments and more particularly to a new and useful composite garment having a removable and reversible lining.

Objects and advantages of the invention will be set forth in part hereinafter and in part will be obvious herefrom, or may be learned by practice with the invention, the same being realized and attained by means of the instrumentalities and combinations pointed out in the appended claims.

The invention consists in the novel parts, constructions, arrangements, combinations and improvements herein shown and described.

The accompanying drawings, referred to herein and constituting a part hereof, illustrate one embodiment of the invention, and together with the description, serve to explain the principles of the invention.

Of the drawings:

Fig. 1 is a front perspective view of a composite garment embodying my invention;

Fig. 2 is an enlarged detail section on line 2—2 of Fig. 1;

Fig. 3 is an enlarged vertical section on line 3—3 of Fig. 1;

Fig. 4 is a front elevation of the removable and reversible lining or shell comprising a feature of the invention;

Fig. 5 is an enlarged fragmentary vertical section on line 5—5 of Fig. 4;

Fig. 6 is an enlarged fragmentary section on line 6—6 of Fig. 4;

Fig. 7 is a diagrammatic view showing the parts of the garment of Fig. 1 in one of their positional relations;

Fig. 8 is a vertical section on line 8—8 of Fig. 4;

Fig. 9 is a fragmentary enlarged section of the sleeve construction of the garment shown in Fig. 4 with diagrammatic indication of the positional relation of the sleeve of the outer garment with respect thereto; and

Fig. 10 is a fragmentary detail of the sleeve construction of the garment shown in Fig. 4.

In the production of top coats, particularly those worn by women, it has recently become customary to provide a removable liner or "shell" which may be attached to the inside of the coat, overlying the usual fixed coat lining for the purpose of increasing the weight and warmth.

One object of the present invention is to provide a composite garment having a removable liner or shell which is reversible so that it may be faced in either direction when fastened or mounted within the outer coat or garment. Whereas, heretofore, such removable liners or shells were capable of being attached to the outer garment to face only in one direction, the shell of my garment may be reversed to face in either direction and is conformably finished on both sides or faces so that it will present an appropriate appearance in either case. Accordingly, my invention provides a composite garment which has a greatly increased range of usefulness. That is, when the removable shell is faced in one direction the exposed face thereof may be finished with a facing or lining material having the same appearance as that of the permanent lining of the outer coat, thereby effectively concealing the fact that the coat is provided with a removable lining, while at the same time imparting the desired additional weight and warmth. By having the removable liner or shell finished on the opposite side with different material, a quite different appearance can be given to the composite garment by fastening the shell therewithin in its reversed position. In addition, of course, the durability of the garment as a whole is increased by the facility for interchangeably exposing different faces of the liner to wear.

Although the removable and reversible shell of the invention may be sleeveless, in its preferred form it is provided with sleeves which fit within those of the outer coat or garment. One object of the invention is to provide a sleeve construction and attachment thereof to the body of the removable shell whereby complete freedom of sleeve and arm movement is enjoyed with the shell in place in the outer coat in either of its reversible positions.

One object of the invention is to provide rapid, convenient and attractive fastening means for securing the shell within the coat in either of its reversed positions. The fastening operation is most effectively and efficiently accomplished by means of "hookless" slide fasteners. In accordance with the invention a novel constructional arrangement of such fasteners is provided whereby the coat or outer garment carries one set or track of such "hookless" fasteners. The removable shell is provided with two sets of such fastener devices, either one of which is adapted to mate with that fixed to the coat. The sets of fasteners on the shell are disposed in parallel rows but are arranged in opposite senses with respect to each other whereby one of said sets will cooperate with the set on the coat when the shell is faced in one direction, and the other set will cooperate with those on the coat when the

shell is reversed or turned inside out. In accordance with the invention the idle set of fasteners on the shell is so disposed that it will always be covered and concealed in the space between the shell and the inside face of the coat when the shell is fastened in place within the coat.

It will be understood that the foregoing general description and the following detailed description as well are exemplary and explanatory but are not restrictive of the invention.

Referring now in detail to the present preferred embodiment of the invention, illustrated by way of example in the accompanying drawings, an outer garment 1 comprising a woman's top coat, is illustratively shown as representative of a preferred embodiment of the invention. It will be understood that the invention is broadly applicable to many other types of coats, dresses and other garments wherein a removable and reversible liner or plaque would be desirable or useful. The coat 1 is of any general or standard construction having sleeves 2 and conventional buttons and button holes for the front closure. The coat as shown is made of camel's hair cloth or similar material comprising the outer layer 3, while the coat is preferably provided with the usual fixed or permanent lining 4 of satin or other suitable material. The front edges of the coat extending from the lapels to the bottom are provided with the usual inside facing strips or panels 5 of the same material as the outside layer 3 which strips extend to overlie a portion of the permanent coat lining 4 and are affixed to the terminal edge 6 thereof by stitching.

Referring now to the removable and reversible shell (Fig. 4) same comprises a coat-like garment having body portion 10 to which sleeves 11 are preferably attached. As shown the face 10 of the garment is preferably formed of satin or other material similar in appearance to the fixed lining 4 of the coat. The opposite or inside face 15 of the shell (as shown in Fig. 4) is formed of or faced with different material which, as shown, is similar in appearance to that of the exterior finish 3 of the coat. Facing 15 preferably terminates about on the line of the armpits and the remainder of the shell on the side is preferably a satin facing 16. The invention is not limited in this respect, however, as the two faces of the shell may be finished in the same materials or the one face 15 may be finished in a material different from either the coat or lining, such as a plaid material, to give a sports garment effect.

The dimensions of the shell are such as to fit conformably within the outer coat as shown in Figs. 1 and 2. The vertical front edges 12 and 13 of the shell are disposed to underlie the free edge 20 of the inner panel 5 of the coat, as shown in Fig. 2.

The vertical front edges 12 and 13 of the shell are provided with sets of fastening means adapted to cooperate with mating fasteners on the coat in either direction of facing of the shell. As embodied a set of hookless fasteners, comprising one-half of a complete metal seam adapted to be joined to a mating set, is mounted at 21 on the supporting strip 22 which is fastened between the panel 5 and the lining 6 of the coat and extends inwardly of the coat beneath the flap 20. A mating set of fasteners 25 is mounted on a supporting strip 26 which is held between the terminal edges of the facings 10 and 15 of the shell and extends beyond said edges as shown in Figs. 2 and 6. A slide 28 for joining or hooking together the two sets of fasteners 21 and 25 is permanently mounted on the set of fasteners 25 and is adapted to engage same with the set 21 and form a closed metal seam in known manner.

A second set of fastening hooks 30 is mounted on a supporting strip 31 to extend parallel to the set of fasteners 25, said strip 31 also being held between the edges of the layers 10 and 15 of the shell. It will be noted that the extending portion of strip 31 is slightly narrower than the strip 26 so that the row of fasteners 30 are lapped within those of the row 25, whereby the two rows of fasteners do not directly overlie each other, thus avoiding an undesirable thickness and preventing the two sets from becoming entangled. A slide member 32 is permanently attached to the set of fastener hooks 30 for effecting the mating engagement thereof with the set 21 on the coat. It will be understood that the set of fastener hooks 30 are disposed in the opposite direction or sense from those of the set 25 so that in order to engage the set 30 with the coat set 21 it is necessary entirely to reverse the shell, that is, turn it inside out so that the set 30 will then be positioned in the correct sense to mate with the set 21 by movement of the slide 32. It will further be observed that when the set of fasteners 30 is idle, the engagement of the set 25 with the coat fasteners 21 effects a complete concealment of the idle set 30 between the inner face 4 of the coat and the continuously joined flaps 22 and 26. When the shell is reversed and the set of fasteners 26 is idle, the joinder of the fasteners 30 to the coat set 21 causes the idle set 25 to be similarly concealed. In every case the flap 20 of the inner coat panel 5 overlies the entire assembly of fastening devices.

As will be clear from the drawings, the rows of fasteners 25 and 30 extend along the edge 12 of the shell garment from near the bottom thereof to around the collar line and back to the same level on the opposite side 13. Similarly the set of fastening members 21 on the coat extends over a corresponding circuit on the inside of the coat itself. The coat collar is formed by turning back the outer coat layer 3 to hang an appropriate distance down the back of the garment to form the collar and lapels. A second piece of similar material 40 overlies the collar flap 3 and is joined thereto at 41 and again at 42 and thence extends over the upper edge of the garment to hang inside forming the inside collar flap 43. After turning said upper edge, the flap 43 is fixed at 44 to the coat lining 4, and between them is fixed the fastener strip 22 so that the set of fasteners 21 extends downwardly from the collar as shown in Fig. 3. By means of this construction the upwardly extending fasteners 25 and/or 30 are adapted to engage the downwardly extending row of coat fasteners 21 while the flap 43 overlies the fastener assembly in the collar area as shown. A button hole 45 is provided in the lower edge of the flap 43 to receive either one of the buttons 46 or 47 which are fixed to either face of the shell at the top thereof.

Referring now to the sleeve construction of the shell, it will be noted that the sleeves, both inside and out, are preferably formed of satin or other smooth material to facilitate introduction of same into the sleeves of the coat. Preferably also the lower ends 50 of said shell sleeves are provided with wrist bands of jersey-type construction to assist in holding the sleeves in position on the arms.

In accordance with the invention the sleeves of the shell are provided with a novel form of attachment to the body thereof. As shown the junction line 51 between the shell sleeve and the body is set somewhat in from the normal sleeve line rising from the armpit section 52. By this arrangement the seam joining the shell and its sleeve is offset from the seam 55 of the coat 1 with its sleeve 2, thereby preventing an undue bulking of material from the two sleeves when they are in telescoped relation.

As a further means of facilitating sleeve and arm movement of the shell with respect to the coat and the wearer, it will be noted that the junction between the sleeve shell 11 and the body 10 is extended tapering downwardly from the armpit 52 to a point 53 a substantial distance along the body portion below the armpit. This V-shaped extension 59 on the shell sleeve serves to give additional freedom of arm movement.

As a further means for facilitating the positioning and operation of the shell sleeve 11 within the coat sleeve 2, I provide a double dart 60 at the inside of the elbow on the shell sleeve, with a seam 61 extending along the center of said dart to draw the material thereof together and thereby give an inwardly curved shape to the sleeve as indicated in Fig. 9. This construction causes the sleeve to assume a somewhat curved shape and thereby conform more readily to the arms of the wearer.

The invention in its broader aspects is not limited to the specific mechanisms shown and described but departures may be made therefrom within the scope of the accompanying claims without departing from the principles of the invention and without sacrificing its chief advantages.

What is claimed is:

1. A composite garment including in combination an outer garment having a set of fastening members at the interior thereof, a removable shell for lining the interior of said outer garment, said shell having two sets of fastening members one of which is complemental to and cooperable with the set in the outer garment when the shell is faced in one direction and the other set being complemental to and cooperable therewith when the shell is reversed to face in the opposite direction.

2. A composite garment including in combination an outer garment having a set of fastening members at the interior thereof, sleeves in the outer garment, a removable shell for lining the interior of said outer garment, sleeves on said shell adapted to fit within the sleeves of the outer garment, said shell having two sets of fastening members one of which is complemental to and cooperable with the set in the outer garment when the shell is faced in one direction and the other set being complemental to and cooperable therewith when the shell is reversed to face in the opposite direction.

3. A composite garment including in combination an outer coat, one set of "hookless" fastener members attached to the interior thereof and running substantially along the edge normally formed by a coat lining, a removable shell for lining the coat, said shell having two parallel sets of hookless fastener members along its edge, one of said sets being engageable in fastening relationship with the set on the coat when the shell faces in one direction and the other set on the shell being similarly engageable when the shell is reversed to face in the opposite direction, the idle set of fastener members on the shell being concealed between the shell and the coat when the shell is attached thereto in either direction, said shell being finished in appearance on both faces.

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