Jan. 13, 1931. H. H. MISHEL 1,788,731

GARMENT

Filed Aug. 26, 1929

Fig. 1.

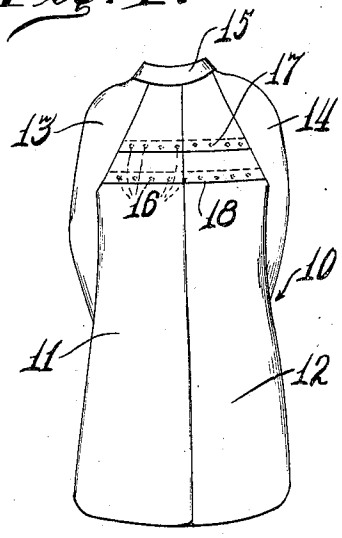


Fig. 2.

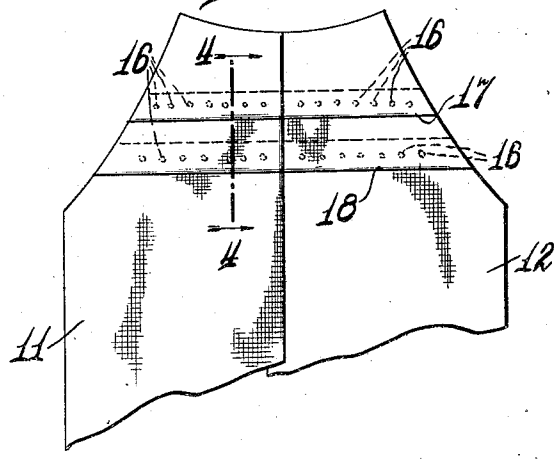


Fig. 4.

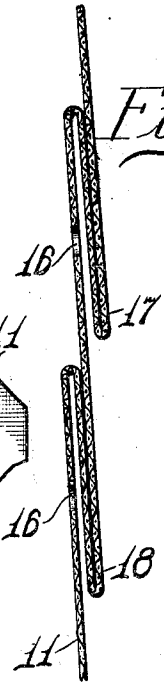


Fig. 3.

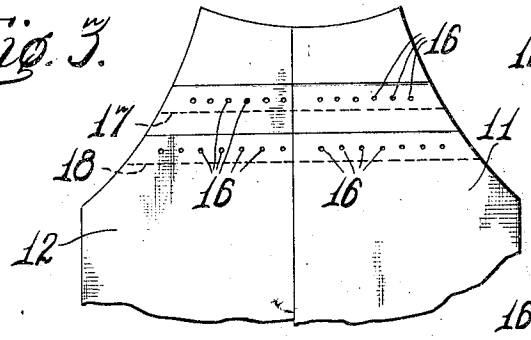
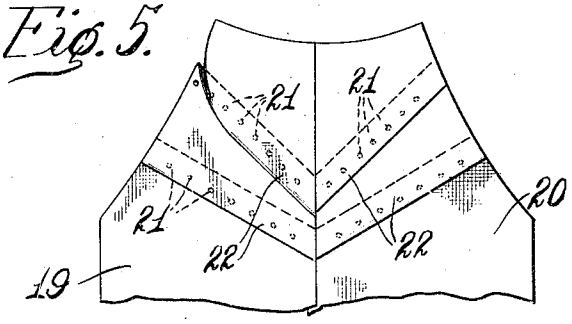


Fig. 5.



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UNITED STATES PATENT OFFICE

HYMAN H. MISHEL, OF CHICAGO, ILLINOIS

GARMENT

Application filed August 26, 1929. Serial No. 388,306.

My invention relates to garments and particularly to garments of the raincoat type, and it has for its object the provision of a new and improved arrangement for securing ventilation within the garment while at the same time preventing the entrance of rain. Heretofore raincoats of the ordinary construction have been objectionable both from the standpoint of comfort and from the standpoint of health in that they have had inadequate provision for the circulation of air about the body of the wearer. This lack of circulation of air has resulted often in undue perspiration on the part of the wearer, since the body heat is prevented from escaping, and the normal action of the skin as an eliminating and equalizing factor has been interfered with. The importance of securing proper ventilation is accordingly well understood and has been understood for many years.

Regardless of this general understanding as to the importance of ventilation in coats of this type and of the desire on the part of manufacturers to meet requirements in this respect, no one heretofore has produced a satisfactory garment of this type, so far as I am aware.

It is the object of my invention to provide a series of openings through the cloth of the coat at a point over the shoulders of the wearer, or at any other point as may be desirable, together with means which shall serve effectively for preventing the entrance of water either through the openings or through the cloth in the neighborhood of such openings.

It is another object of my invention to improve garments in sundry details hereinafter pointed out. The preferred means by which I have accomplished my objects are illustrated in the drawing and are hereinafter specifically described. That which I believe to be new and desire to cover by Letters Patent is set forth in the claims.

In the drawing,—

Fig. 1 is a view of my improved coat held in substantially the condition of use when worn;

Fig. 2 is an outside view of the two back pieces of the coat before their incorporation into the completed garment;

Fig. 3 is an inside view of the parts shown in Fig. 2;

Fig. 4 is an enlarged detail, being substantially a section taken at line 4—4 of Fig. 2; and

Fig. 5 is a view similar to Fig. 2 but showing a modified form of construction.

Referring to Figs. 1 to 4 of the drawing, in which corresponding parts are indicated by the same reference characters, 10 indicates my improved garment comprising back pieces 11 and 12, sleeves 13 and 14 joined by stitching to the back pieces, and a collar 15, in the construction shown the sleeves being of a one-piece type and extending upwardly to the collar.

As is best shown in Fig. 3, the back pieces 11 and 12, which are preferably formed of rubber-filled material are provided with two rows of openings 16 extending thereacross from the sleeve 13 to the sleeve 14. Above each row of openings 16, the material is creased to form a pleat, said pleats being indicated by the numerals 17 and 18. Each of the pleats is preferably held in closed condition with the two plies of the pleat pressed closely together by means of an adhesive whereby it is not necessary to provide stitching through the back pieces 11 and 12 for this purpose. In the construction shown the adhesive qualities of the rubber contained in the fabric are relied upon for holding the plies of the pleat together, the material of the pleats being vulcanized for effecting the desired result.

For providing further support for the pleats 17 and 18, such pleats are extended at the sides of the pieces 11 and 12 into the line of stitching by which such pieces 11 and 12 are connected with the sleeves 13 and 14, such lines of stitching extending across the ends of the pleats serving very materially to reenforce the adhesive for holding the parts in position.

By the use of my improved construction, ample ventilation is provided for the coat whereby the objectionable features of prior constructions are avoided. At the same time,

the rain is prevented from entering through the openings 16, since the pleats 17 and 18 provide adequate covers with respect thereto.

In the construction shown in Fig. 5, side pieces 19 and 20 are shown which are similar in all respects to the side pieces 11 and 12 except that the rows of openings 21 are in diagonal position rather than in horizontal position as shown in Fig. 2, the pleats 22 being also disposed diagonally to correspond with the changed position.

By the use of my invention, I have provided a construction which is very neat and attractive and which is of very great merit as compared with prior constructions in which greatly inadequate ventilation has been provided.

While I prefer to employ substantially the construction as shown in my drawing and as above described, I do not limit my invention precisely thereto, except so far as the claims may be so limited by the prior art, it being understood that changes might well be made with respect to the form or position of the parts without departing from the spirit of my invention.

I claim:—

1. A coat made of waterproofed material and comprising two back pieces stitched together and stitched to the side portions of the coat, having a series of ventilating openings through the material across the two back pieces of the coat, with a pleat formed in said material above said row of openings and extending downwardly over the openings at the outer face of the coat, said pleat being stitched at the ends where the back pieces join the side portions of the coat for holding the pleat in closed condition.

2. A coat made of waterproofed material and comprising two back pieces stitched together and stitched to the side portions of the coat, having a series of ventilating openings through the material across the two back pieces of the coat, with a pleat formed in said material above said row of openings and extending downwardly over the openings at the outer face of the coat, the two plies of the pleat being held together by an adhesive therebetween and by lines of stitching across the pleat at its ends where the back pieces join the side portions of the coat.

HYMAN H. MISHEL.