

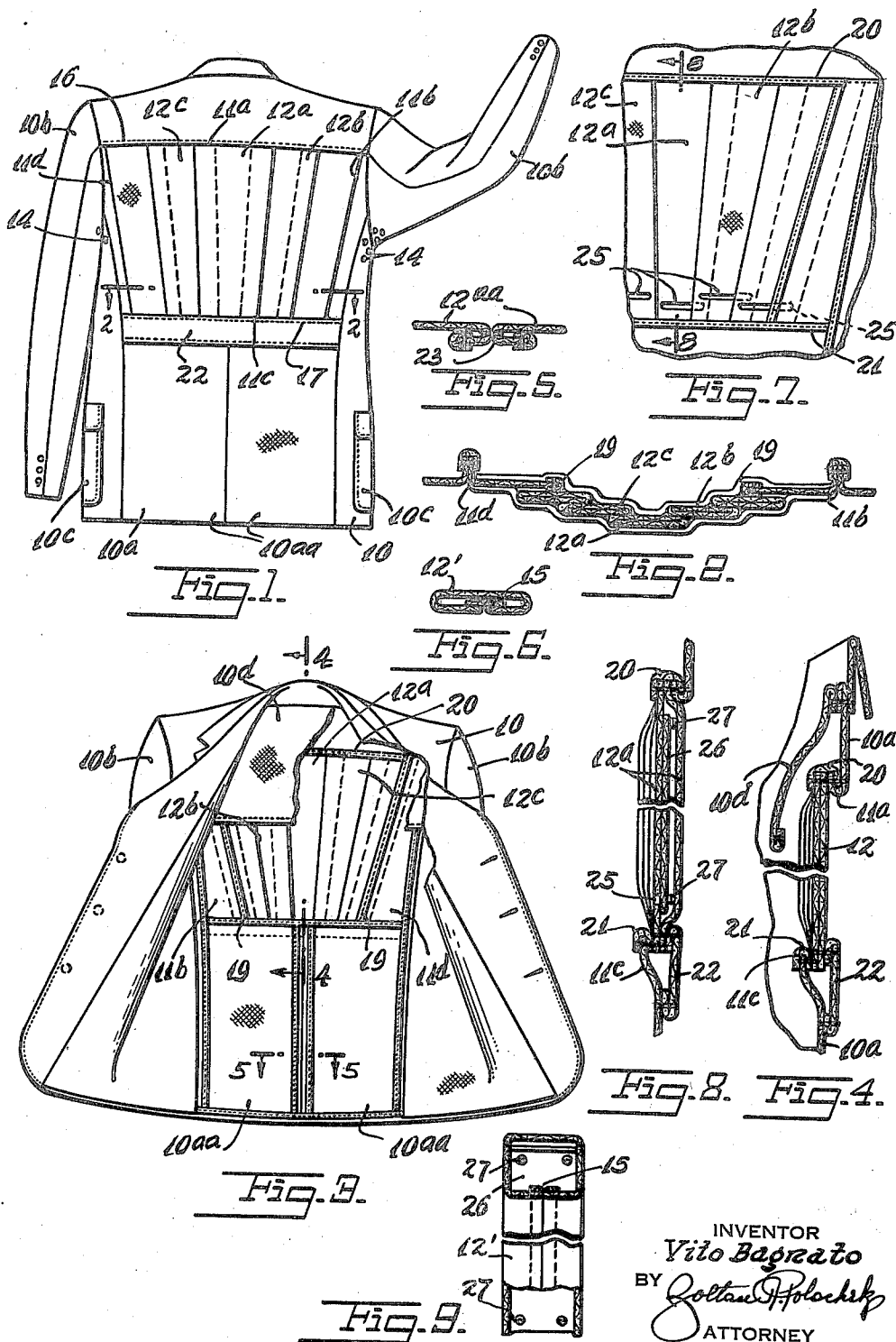
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AIR CONDITIONED GARMENT

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AIR CONDITIONED GARMENT

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3 Claims. (Cl. 2—93)

This invention relates to new and useful improvements in an air conditioned garment.

More specifically, the invention proposes the construction of an air conditioned area which may be incorporated in a sport garment, suit, overcoat, blouse or the like.

Particularly, the invention proposes the provision of an opening in the material forming a side portion of the garment, and the provision of a plurality of separate panels of cloth extended across said opening and attached to opposite edges thereof, and having overlapping edge portions so that there is covered passages through the garment between the said panels.

More specifically, the invention contemplates constructing each panel of a tubular flat piece of material having front and rear layers.

Still further the invention contemplates arranging the air conditioned area at the back of the garment so that it presents the appearance of a pleated sport back.

Still further the invention proposes the provision of lining material removably mounted in the tubular panels in a certain way allowing the removal of the linings when desired.

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 rear elevational view of a sport garment constructed in accordance with this invention.

Fig. 2 is a fragmentary horizontal sectional view taken on the line 2—2 of Fig. 1.

Fig. 3 is a perspective view of the garment shown in Fig. 1, viewed from the front, with a portion thereof broken away to illustrate under parts.

Fig. 4 is a fragmentary enlarged vertical sectional view taken on the line 4—4 of Fig. 3.

Fig. 5 is a horizontal sectional view taken on the line 5—5 of Fig. 3.

Fig. 6 is a horizontal sectional view of one of the panels used in the air conditioning area.

Fig. 7 is a fragmentary enlarged elevational view similar to Fig. 3 but illustrating a garment constructed in accordance with a modification of this invention.

Fig. 8 is a fragmentary vertical sectional view taken on the line 8—8 of Fig. 7.

Fig. 9 is a fragmentary perspective view of one

of the panels used in the garment illustrated in Figs. 7 and 8.

The air conditioned sport garment, in accordance with this invention, includes a garment 10 of any design and construction having a side portion formed with an opening. In the specific garment illustrated on the drawing, this opening is bounded by the edge portions 11^a, 11^b, 11^c and 11^d. A plurality of separate panels 12^a, 12^b, 12^c, etc., of cloth material is extended across opposite sides of the opening, and are attached to the edges thereof. These panels have their adjacent edge portions overlapping.

The garment 10, as illustrated on the drawing, is a sport jacket. It is provided with a sport back 10^a which includes the separate panels 12^a, 12^b, 12^c, etc. These panels simulate a pleated sport back. The garment 10 has the conventional sleeves 10^b, the armpits of which are ventilated with eyelets 14 engaged through the material of the garment. At the sides the garment has pockets 10^c. Inside there is a half lining 10^d. The more important parts of the garment have been pointed out to assist in the recognition thereof.

Each of the separate panels forming the back of the garment is formed from flat tubular material, as clearly illustrated in Figs. 2 and 6. This tubular material is formed from cloth sheet material 12' which has its edge portions bent over adjacent areas thereof and secured together with a line of stitches 15 (see Fig. 6). These panels are then ironed flat.

Lines of stitches 16 and 17 engage through the edge portions 11^a and 11^c of the opening in the garment material, respectively, and through the upper and lower ends of each of the separate panels to fixedly mount the panels in position. The edges 11^b and 11^d are finished by having tape material 19 sewed thereon. Tape material 20 is also sewed across the top edges of the separate panels for concealing cut edges. Similarly, tape material 21 is engaged over the bottom edge 11^c and adjacent the bottom edges of the separate panels for concealing the cut edges. The garment is also provided with a belt 22 secured across the back thereof, immediately below the bottom ends of the separate panels.

The separate panels 12^a, 12^b, 12^c, etc., have been shown disposed in the vertical direction. This is merely for the purpose of illustration. It is conceivable that they may be arranged in other directions. The coat back 10^a has lower panel portions 10^{aa} which are secured together at the center line by a line of stitches 23.

In Figs. 7-9 inclusive, a modified form of the invention has been disclosed which distinguishes from the prior form in the fact that an arrangement has been made for lining each of the separate panels. In accordance with this form of the invention the inner layer of each tubular flat panel has a horizontal opening 25 spaced slightly upwards from its bottom end. A sheet of lining material 26 is engaged into the tubular panel through the opening 25. This lining 26 has fastening elements 27 at the corners thereof, cooperative with complementary fastening elements mounted upon the inner faces at the corners of the panels. The arrangement is such that the fastening elements 27 hold the lining 26 in a properly extended position within the panel.

When desired, the linings 26 may be removed, and if desired replaced with heavier linings, by reaching in through the openings 25.

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 modification 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. In a garment, material forming a side portion thereof and having an opening, a plurality of separate panels of cloth material extended across said opening and attached on opposite edges of said opening, and adjacent panels having

overlapping edge portions, each panel being of tubular flat material having front and rear layers, with one of said layers having a slit, and lining material removably mounted in each tubular panel and removable from said slit, and means for releasably holding the linings stretched within said separate panels.

2. In a garment, material forming a side portion thereof and having an opening, a plurality of separate panels of cloth material extended across said opening and attached on opposite edges of said opening, and adjacent panels having overlapping edge portions, each panel being of tubular flat material having front and rear layers, with one of said layers having a slit, and lining material removably mounted in each tubular panel and removable from said slit, and fastening elements for releasably holding the linings properly stretched within said separate panels.

3. In a garment, material forming a portion of said garment and having an opening, a plurality of separate panels of tubular cloth material extended across said opening substantially parallel to each other and having their ends attached to opposite edges of said opening, a slit formed in each of said panels adjacent the bottom end thereof, lining material removably inserted into each of said panels through said slit, and snap fastener elements mounted on the ends of said lining material and engageable with complementary snap fastener elements mounted on the inside wall of one of the walls of said panels for removably maintaining said lining material in position within said panels.

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