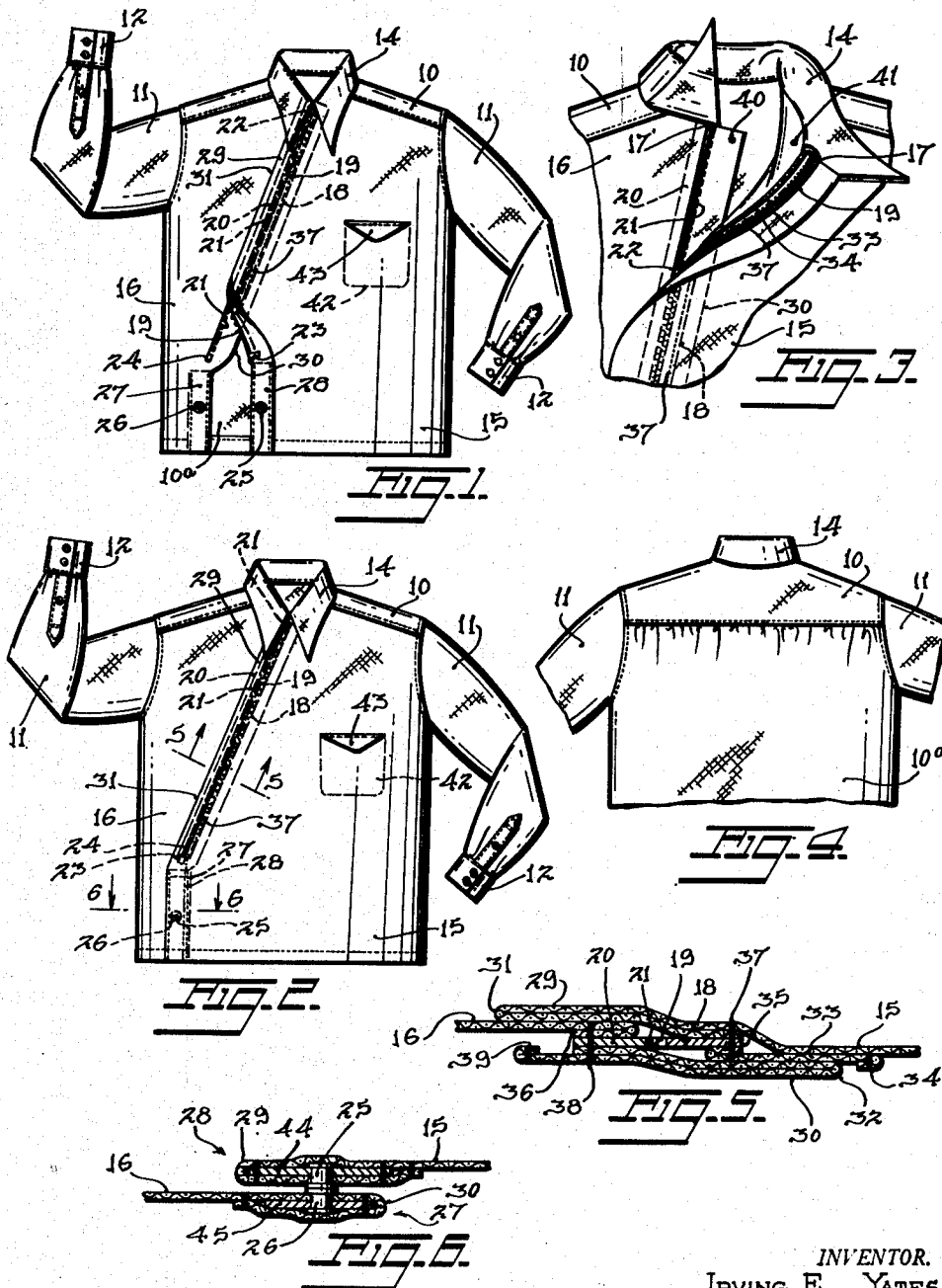


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SPORT GARMENT

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SPORT GARMENT

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This invention relates to new and useful improvements in garments, and, more particularly, aims to provide a novel and valuable garment especially well adapted to be fabricated as a man's sport shirt.

As preferably embodied, the invention provides a shirt like garment, having a fly front of unique kind. In this connection, the front portion of the garment is made of two sections completely separable, along a line obliquely extending from the top of the garment down to near the bottom thereof. Said line is substantially straight; and the garment is cut according to a pattern such that the tops of said two sections are so located as to meet at a point laterally offset from the vertical center line of the garment front, as under one of the two frontally dependent tabs of a turned down attached collar, and the points on said sections marking the bottom of said obliquely extending line are so located as to meet at a portion of the garment somewhat above the bottom thereof and further offset from said vertical center line than the offsetting of the top of said obliquely extending line from said vertical line.

A slide fastener is used for closing said sections along said obliquely extending line, between the top and the bottom thereof, which bottom is ideally located for allowing a single auxiliary fastening means, as a button and buttonhole, a snap fastener, or the like, to be employed below the bottom of the said obliquely extending line, for completing the securement of said sections in a way to coact with the slide fastener in spreading the front of the garment smoothly yet comfortably over the front of the torso of the wearer while acting properly to close the garment at the portion thereof below the bottom of said obliquely extending line.

In order to obtain the advantages just mentioned, and at the same time to have the garment present an appearance suggestive of a slip-over blouse, rather than an open front shirt, and incidentally to conceal the fact that a slide fastener is present, a special construction is provided in connection with the slide fastener; that is, in addition to the two tapes, which in a slide fastener usually carry the coating fastener teeth spaced therealong, with one such tape secured as by stitching along the openable side of one of the said front sections of the garment and the other such tape secured as by stitching along the openable side of the other of said sections, a strip-like plural-ply structure, including a panel of the fabric of which the garment is made, is carried by one of said sections and arranged

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thereon in such manner that while the garment is on the wearer said plural-ply structure, with said panel outermost, overlies and entirely conceals the slide fastener. Nevertheless, the arrangement is such that the entire front of the garment may be quickly opened, from top to bottom, for removing the garment from the body of the wearer and for substantially flat spread to facilitate perfect laundering.

Said plural-ply structure includes also a panel for underlying and projecting laterally beyond the slide fastener, and is carried by the section other than the section carrying the panel mentioned in the last preceding paragraph. For holding said underlying panel to flat, smooth and comfortable disposition, there is provided a second auxiliary fastening means, as a snap fastener, with one element thereof on the upper portion of said underlying panel and with the complementary element of said fastener on the upper portion of the section carrying said overlying panel.

For further comprehension of the invention, and of the objects and advantages thereof, reference will be had to the following description and accompanying drawings, and to the appended claims in which the various novel features of the invention are more particularly set forth.

In the accompanying drawings forming a material part of this disclosure:

Fig. 1 shows in front elevation an embodiment of the invention, as now favored, with the afore-said garment sections partially open near the bottom of the garment.

Fig. 2 is a view similar to Fig. 1, but with said front sections fully closed.

Fig. 3 is a fragmentary perspective view, showing the upper part of the garment, with said front sections partially open near the top of the garment.

Fig. 4 is a fragmentary rear elevation.

Fig. 5 is an enlarged detail view, being a section taken on the line 5--5 of Fig. 2.

Fig. 6 is an enlarged horizontal sectional view taken on the line 6--6 of Fig. 2.

Referring to the drawings more in detail, the garment shown, by way of example, includes a rear upper section 10, a rear lower section 10^a, a pair of sleeves 11--11, each with an openable cuff 12, and a turned down collar 14, is completed by a larger front section 15 and a smaller and complementary front section 16.

The garment is cut according to a pattern such that the front thereof is openable and closable along a straight line, by, respectively, opening

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and closing the slide fastener aforesaid. Said line at its top is to one side of the front vertical center line of the garment. Referring to Fig. 3, such point, on the section 15, is indicated at 17, and such point, on the section 16, is indicated at 17'. The aforesaid tapes for carrying the coacting teeth of the slide fastener are suitably secured as by stitching to the facing edges of the sections 15 and 16; the tape thus carried by the section 15 being marked 18 and its teeth 19, and the tape thus carried by the section 16 being marked 20 and its teeth 21.

The key or slider 22, movable in the familiar way along the tapes 18 and 20, to open and close the slide fastener, will be noted in Fig. 3. The slide fastener may be arranged on the garment either so that the slider 22 is slid upward for closing the garment, or downward for effecting such closure. As indicated in Fig. 3, the arrangement of the slide fastener is preferably such that the slider 22 is slid upward to effect a closure, and so, of course, downward, to open the garment.

Since the garment should be wholly openable at its front, that is, all the way from the top to the bottom thereof, for an advantage already stated, the type of slide fastener used is the familiar one which allows complete separation of the two teeth-carrying tapes and which, therefore, has the tapes equipped, as indicated as 23 and 24 in Fig. 1, with temporarily interlockable male and female pieces. In this connection it may be explained that, in order clearly to show in Fig. 1 the section 15 considerably rolled back at its bottom in the vicinity of said pieces 23 and 24, the slide fastener is here illustrated as though it could have been and had been closed, without interlocking said pieces, and merely from a point well above the latter up to the top of the garment.

From the bottom ends of the slide fasteners, the sections 15 and 16 continue downward into vertically extending edge portions 28 and 27. At these vertically extending edge portions 28 and 27, the edges of the material is folded back beneath the back faces of the sections 15 and 16, as shown in Fig. 6. Reenforcing strips 44 and 45 of buckram, or other similar reenforcing material, are disposed between the adjacent faces of the sections 15 and 16 and the folded back edge portions of these sections 15 and 16. Snap fasteners 25 and 26 are provided on the vertically extending edge portions 27 and 28 for releasably securing the edge portions together. As shown in Fig. 6, the cooperative snap fasteners are only mounted through the reenforcing strips 44 and 45 and the folded back edges of the edge portions 27 and 28, so that when the fasteners are engaged they are entirely hidden from view, both inside and outside of the garment. Stitches are engaged through the overlapped layers of material including the reenforcing strips 44 and 45 for securing the reenforcing strips in position. If desired, the fasteners 25 and 26 could be replaced with a single button on one section engageable with a button hole in the other section.

The fastener 25 is carried by the aforesaid plural-ply structure, the aforesaid panel of which is marked 29; while the fastener 26, as the other and complementary element of the snap fastener 25, is carried by the section 16 where the latter is overlapped by the lower portion of the flap 29 when the front of the garment is fully closed. This flap, as will be noted from Fig. 1, has a diagonally extended main upper length in parallelism with the line of teeth 19 of the tape 18

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and a lower, minor vertically extending length at about the midpoint along which the button 25 or equivalent is placed; said minor, lower length being coextensive with the lower vertically extending edge 28 of the section 15. The point of merger of said two lengths of the flap 29 is approximately at the line around the garment which would be at the waist level of the wearer of the garment.

Desirably there is present, in addition to the flap 29, a flap 30, this carried by the section 16, and long enough to be substantially coextensive with the tape 18 on said section, and so to prevent any part of the slide fastener from contacting the body of the wearer of the garment.

Referring now particularly to Fig. 5, it will be observed that the flap 29 at the portion thereof here shown, that is, along the main upper length thereof extended in parallelism with the line of teeth 19 of the tape 18, is integral with the section 15, and is folded on itself at 31 to provide a two-ply flap; that the flap 30, a fabric piece separate from the section 16, is also folded on itself, at 32, to provide a two-ply flap; that an additional fabric strip 33, along each of its opposite sides given a lapped edge seam 34 or 35, is interposed between the tape 18 and the main portion of the section 15; that the section 16 is given a lapped edge seam 36 at the location of the tape 20, this seam somewhat wider than the seam 34; that the seam 35, at the location of the tape 18, is also somewhat wider than the seam 34; that a line of stitching 37 locks together both plies of the flap 29, the tape 18, and the strip 33 at the two-ply portion of the latter established by its seam 35; and that a line of stitching 38 locks together the section 16 at the two-ply portion thereof established by the seam 36, the tape 20, and the two plies of the flap 30 at a point across the latter remote from its fold line 32. Also, it will be observed that, beyond the stitching 38, and in a direction away from the fold line 32, the inner ply of the flap 30 is projected beyond the strip 33 and the tape 20, and, well beyond the latter, is given a narrow lapped edge seam 39 like the seam 34.

The relationship of and coaction between the various sheet members of the plural-ply structure just described, and existent as a single composite such structure when the slide fastener is closed, are such, it has been found, as will attain, while the garment is being worn, at once all the objectives of providing a blouse-like appearance at the front of the garment, of snugly flatly pocketing the closed slide fastener, of securing an ideal frontal drape of the garment, of always fully covering and concealing the presence of the slide fastener, of holding the flap 29 to flat, smooth and unwrinkled spread diagonally of the front of the garment, and, at the same time, of preventing the outer surface of said flap from projecting noticeably above the portion of the section 15 immediately adjoining said flap.

The other of the auxiliary fastening means aforesaid, the one second-mentioned, is shown in Fig. 3 as incorporating a single snap fastener one of the complementary elements of which is carried, as at 40, by the panel 30, and the other of which elements is carried, as at 41, by the section 15.

The new garment may include a pocket or pockets; for instance, such a breast pocket as that indicated at 42, which is shown as provided with a top closing flap 43.

While I have illustrated and described the preferred embodiment of my invention, it is to be

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understood that I do not limit myself to the precise construction 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. An open-front shirt-like garment, comprising a front portion which includes two portions separable along a line extending diagonally from a point offset from the vertical center line of the front of the garment down to a point above the bottom of the garment, a slide fastener extended along said line with one of the teeth-carriers of said fastener secured to one of said sections and the other teeth-carrier secured to the other section, both of said sections below the bottom of said slide fastener having substantially vertically extending edges both shorter than said line, said sections being so shaped that with the slide fastener closed, the marginal portions of said sections at their last-named edges overlap, and a releasable fastening means partially carried by each of said marginal portions, there being an elongate flap carried by each of said sections, each such flap substantially coextensive with the teeth-carrier on that section and projected beyond said teeth-carrier toward the other section, one of said flaps partially laterally underlying the teeth-carrier on its section and the other of said flaps partially laterally overlying the teeth-carrier on its section, said overlying flap being integral with the fabric of its carrying section, and being longitudinally folded on itself to establish a two-ply flap structure with the free end of the flap on the inside of the last-named section, said overlying flap having both its plies overlying the teeth-carrier on its section and there being an auxiliary fabric strip underlying said teeth-carrier, said two plies of the last-named flap, the last-named teeth-carrier, and said auxiliary fabric strip being connected by a line of stitches passing through said two plies of the last-named flap, the last-named teeth-carrier and said auxiliary strip.

2. An open-front shirt-like garment, comprising a front portion which includes two portions separable along a line extending diagonally from a point offset from the vertical center line of the front of the garment down to a point above the bottom of the garment, a slide fastener extended along said line with one of the teeth-carriers of said fastener secured to one of said sections and the other teeth-carrier secured to the other section, both of said sections below the bottom of said slide fastener having substantially vertically extending edges both shorter than said line, said sections being so shaped that with the slide fastener closed the marginal portions of said sections at their last-named edges overlap, and a releasable fastening means partially carried by each of said marginal portions, there being an elongate flap carried by each of said sections, each such flap substantially coextensive with the teeth-carrier on that section and projected beyond said teeth-carrier toward the other section, one of said flaps partially laterally underlying the teeth-carrier on its section and the other of said flaps partially laterally overlying the teeth-carrier on its section, said overlying flap being integral with the fabric of its carrying section, and being longitudinally folded on itself to establish a two-ply flap structure with the free end of the flap on the inside of the last-named section, said

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overlying flap having both its plies overlying the teeth-carrier on its section, and there being an auxiliary fabric strip underlying said teeth-carrier, said two plies of the last-named flap, the last-named teeth-carrier, and said auxiliary fabric strip being connected by a line of stitches passing through said two plies of the last-named flap, the last-named teeth-carrier and said auxiliary strip, said auxiliary strip being longitudinally marginally folded on itself to provide a two-ply subdivision thereof and said stitches passing through both of said plies.

3. An open-front shirt-like garment, comprising a front portion which includes two portions separable along a line extending diagonally from a point offset from the vertical center line of the front of the garment down to a point above the bottom of the garment, a slide fastener extended along said line with one of the teeth-carriers of said fastener secured to one of said sections and the other teeth-carrier secured to the other section, both of said sections below the bottom of said slide fastener having substantially vertically extending edges both shorter than said line, said sections being so shaped that with the slide fastener closed, the marginal portions of said sections at their last-named edges, overlap and a releasable fastening means partially carried by each of said vertically extending edges, said vertically extending edges of both sections have their edge portions bent back and upon themselves, reinforcing means engaged between said edges and the bent back edge portions, and said fastening means being mounted through said reinforcing means and the contacting faces of said overlapped vertical edges.

4. An open-front shirt-like garment, comprising a front portion which includes two portions separable along a line extending diagonally from a point offset from the vertical center line of the front of the garment down to a point above the bottom of the garment, a slide fastener extended along said line with one of the teeth-carriers of said fastener secured to one of said sections and the other teeth-carrier secured to the other section, both of said sections below the bottom of said slide fastener having substantially vertically extending edges both shorter than said line, said sections being so shaped that with the slide fastener closed, the marginal portions of said sections at their last-named edges, overlap and a releasable fastening means partially carried by each of said vertically extending edges, said vertically extending edges of both sections have their edge portions bent back and upon themselves, reinforcing means engaged between said edges and the bent back edge portions, and said fastening means being mounted through said reinforcing means and the contacting faces of said overlapped vertical edges, said reinforcing means comprising strips of buckram stitched in position between said edge and said bent back edge portions and coextensive with said vertically extending edges.

5. In an open-front shirt-like garment, a front portion formed with a front opening extended diagonally from a point at the top thereof offset from the vertical center line of the garment to a point above the bottom of the garment, means for holding said diagonally extended front opening closed, said front portion below said front opening having substantially vertically extending edge portions which are overlapped when the front opening is closed, said edge portions being doubled back upon themselves, reinforcing strips

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inserted between the adjacent faces of said edge portions and their doubled back parts, and fastening means for releasably connecting together said edge portions.

6. In an open-front shirt-like garment, a front portion formed with a front opening extended diagonally from a point at the top thereof offset from the vertical center line of the garment to a point above the bottom of the garment, means for holding said diagonally extended front opening closed, said front portion below said front opening having substantially vertically extending edge portions which are overlapped when the front opening is closed, said edge portions being doubled back upon themselves, reinforcing strips inserted between the adjacent faces of said edge portions and their doubled back parts, and fastening means for releasably connecting together said edge portions, said fastening means

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comprising complementary snap fasteners mounted on said edge portions intermediate of their top and bottom ends.

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