April 15, 1941. F. GARDNER 2,238,466

SHIRT

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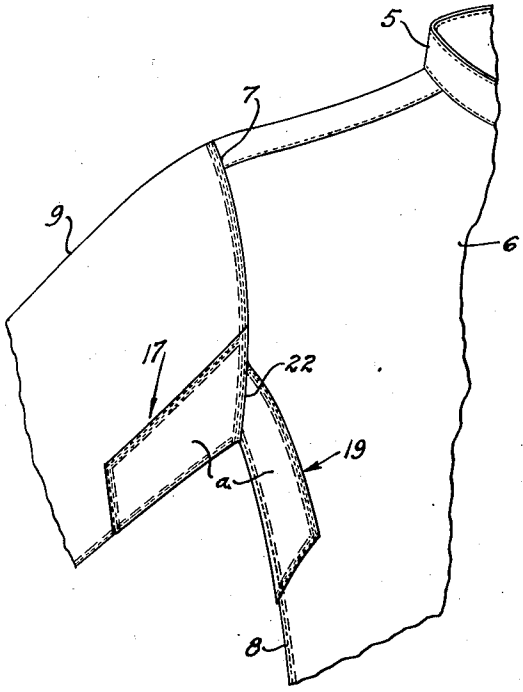
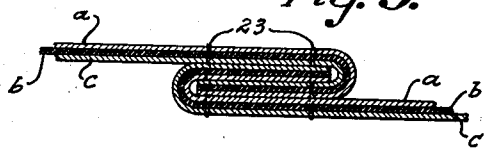


Fig. 1.

Fig. 3.



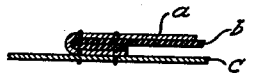


Fig. 4.

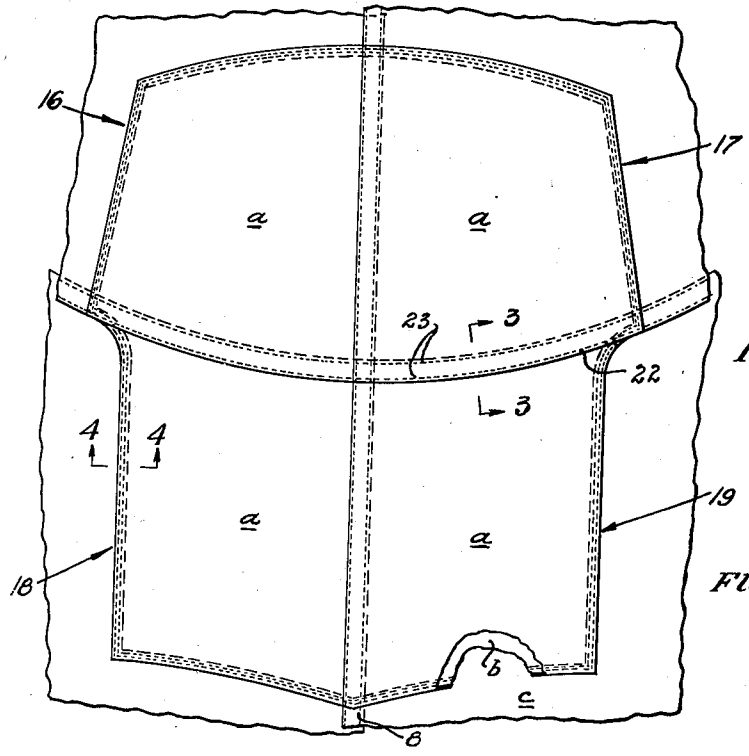


Fig. 2.

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2,238,466

SHIRT

Florinda Gardner, Los Angeles, Calif.

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2 Claims. (Cl. 2—54)

My invention relates to garment construction and, more particularly, to men's shirts including as a componental part thereof a protective element for preventing an outer garment worn over the shirt from being soiled and damaged by body perspiration which would otherwise pass through the shirt.

Because of the lack of any practical means for overcoming this shortcoming of prior garment construction, it has become the conventional practice to relatively heavily pad the arm pit area of men's coats to prevent body perspiration from passing entirely through that outer garment. Attempts have heretofore been made to overcome this objectionable problem by means of thick, bulky shields mounted on the coat, but aside from being unsightly and uncomfortable they quickly become soiled and yield an objectionable odor, and that condition cannot readily be remedied inasmuch as such outer men's garments as coats are not usually susceptible of being boiled and otherwise subject to such washing treatment, as is usually necessary to effectively remove objectionable perspiration odors.

One of the principal accomplishments of my invention is the provision of a washable shirt including in its structure a protective element which is washable along with the remainder of the shirt, and which prolongs the life of the garment by preventing their deterioration by perspiration.

Another accomplishment of my invention is the provision of a shirt so constructed and arranged that full protection of the outer garment against perspiration is afforded and at the same time the comfort to the wearer is not in the least diminished.

Another object is the provision of such a shirt in which the protective element is not visible when worn.

Another object is the provision in such a shirt of a stop seam which divides the perspiration receiving area of the shirt into sectors, each of which is separated from adjacent sectors by a stop seam to prevent seepage from one to the other of the sectors and to provide a maximum thickness of protective material at the arm pit.

Another object is the provision of a shirt which eliminates the necessity of the conventional excessive padding of the arm pit area of the outer garment.

Another object is the provision of a shirt which comprises means for preventing the body perspiration from passing through or being visible on the exposed outer surface of the shirt.

Other objects and corresponding accomplishments of my invention will become obvious from the description of one presently preferred adaptation thereof, for which purpose I shall refer to the accompanying drawing, in which:

Fig. 1 is a front view in perspective;

Fig. 2 is an enlarged view of the arm portion of my shirt taken from the inside;

Fig. 3 is a section on line **3—3** of Fig. 2; and

Fig. 4 is a section on line **4—4** of Fig. 2.

In the drawing, I show a shirt having a collar **5**, a body portion **6** an arm hole **7**, a side seam **8** and a sleeve **9**. In Fig. 1, only a portion of the right side of the shirt is shown inasmuch as the left side would be of the same construction.

At and adjacent the arm pit portion of the shirt I provide a reinforcing and protective element comprised of four sections **16**, **17**, **18** and **19**. Each of those sections is comprised of an inner layer of fabric *a*, an outer fabric layer *c* and an intermediate layer *b*, which latter layer is of a thin water-proof material capable of being washed and boiled along with the laundering of the garment. Typically I use for the purpose of layer *b* a fleeced rubberized fabric. The main fabric of the shirt forms outer layer *c*.

In construction, the shirt is first cut out of the whole cloth in the usual manner and then layer *b* is placed against the inner surface of the shirt (layer *c*) and over that is placed the inner layer *a*. The peripheral portions of layers *a* and *b* are then turned under and sewed together and to outer layer *a* by a double stitch seam shown in detail in Fig. 4. At the side seam of the shirt the adjacent edges of said sections **16**, **17** and of sections **18**, **19** are turned under, interlocked and double stitched in the manner to be hereinafter described in connection with Fig. 3. The parallel sections **16**, **17** are interlocked at seam **22** with the adjacent edges of parallel sections **18**, **19**, by being turned under and double stitched at **23**, as shown in Fig. 3. By this construction the protective element conforms to the pattern and shape of the shirt; it is concealed within the shirt and prevents body perspiration of the wearer from reaching even the outer portion of the garment. Each of the four sections of which the protective element is comprised is separated from the adjacent sections by the stop seam which prevents the running of perspiration from one section to the other and, at the arm pit proper, where the greatest perspiration is apt to take place, there is provided the greatest thickness of

material, there being, as shown in Fig. 3, twelve layers of material at that point.

By means of such a shirt, the wearer may materially prolong the life of a shirt and prevent its outer garment from becoming soiled and odorous while, at the same time, he does not experience any of the discomforts of a bulky or padded shield in the outer garment, such as has heretofore been used. By incorporating a protective element of the character described within and as a part of the shirt structure, it is kept sanitary by frequent washing, inasmuch as it is washed along with and as a part of the shirt.

While I have resorted to particular details of construction in describing how my invention may be carried into practice, it will be understood of course that within the scope of the appended claims, various modifications may be made without departing from the spirit of the invention.

I claim:

1. In a shirt of the character described, a body portion having an armhole therein, a sleeve having one end intersecting and secured to the body portion around said armhole by means of an interlocking seam, said sleeve and body portions each having a longitudinal seam intersecting the first mentioned seam, a pair of strips of absorbent fabric, one of said strips lining the body portion only at and adjacent the lower edge of the armhole, the other of said strips lining the sleeve only at and adjacent the lower edge of the armhole, and a pair of strips of water-proof material substantially coextensive with and underlying said respective absorbent strips, said respective pairs of strips being secured together in end to end engagement and interlocked with each other and with the said intersecting portions of the body and sleeve at the lower edge of the armhole by means of said interlocking seam and stitched to the respective sleeve and body portions along said respective longitudinal seams.

2. In a shirt of the character described, a fabric body portion having an arm hole therein, said body portion having a longitudinal side seam intersecting the arm hole, a fabric sleeve having one end intersecting and secured to the body portion around said arm holes by means of an interlocking seam, said sleeve having a longitudinal seam intersecting the arm hole, and a protective element including: a lining of absorbent material lining the sleeve and body portion only at and adjacent the lower edge of the arm hole, said lining being comprised of two pairs of strips, the strips of one pair being positioned side by side and sewed together along said first mentioned seam, the strips of the other pair being positioned side by side and sewed together along the third mentioned seam, said respective pairs of strips being positioned end to end and interlocked in the said interlocking seam, and two pairs of strips of water-proof material substantially coextensive with and underlying the respective strips of absorbent material.

FLORINDA GARDNER.