

Jan. 22, 1924.

1,481,636

R. H. DETERT

SWEATER

Filed May 10, 1922

2 Sheets-Sheet 1

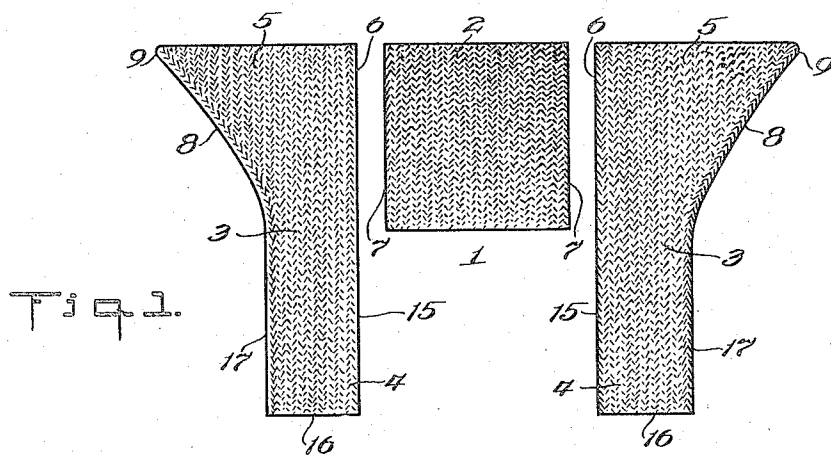
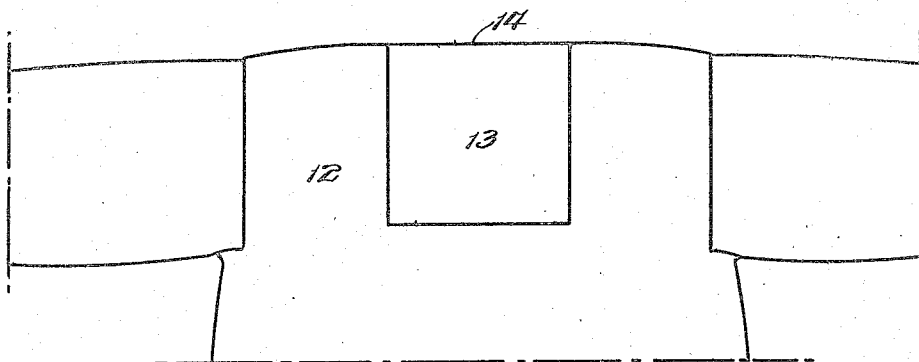


Fig. 2.

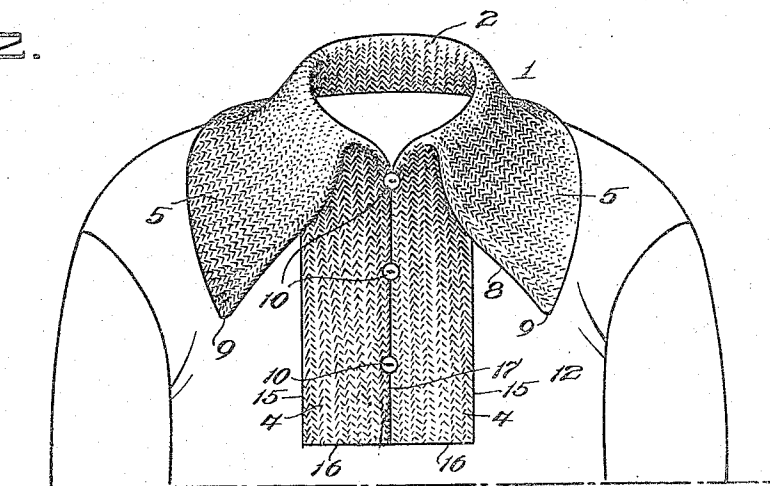


Fig. 3.

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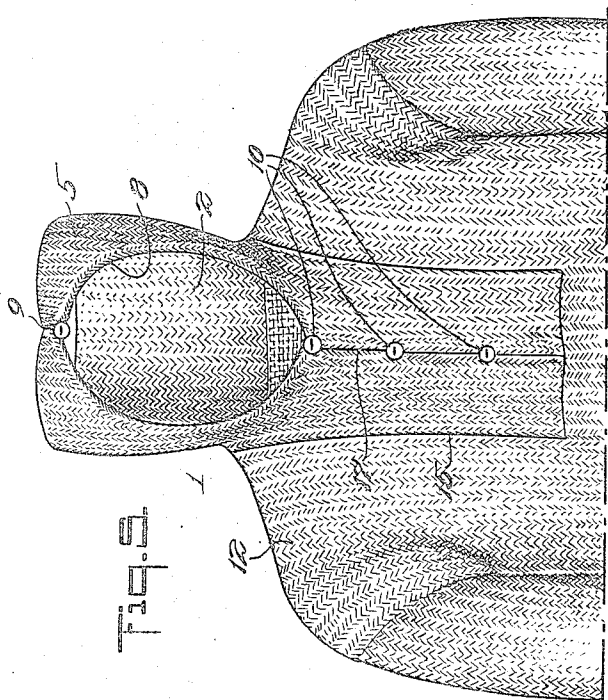
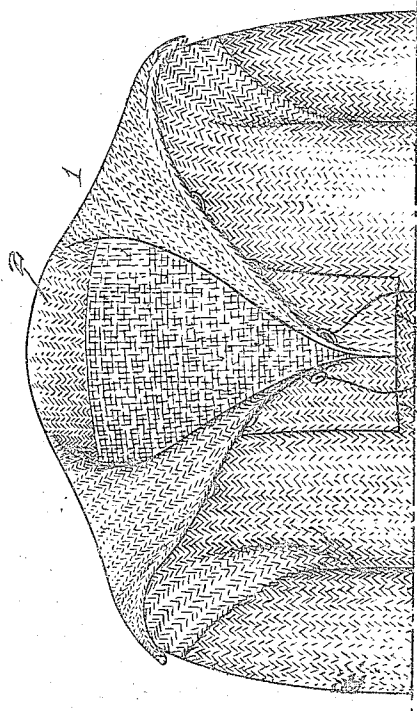
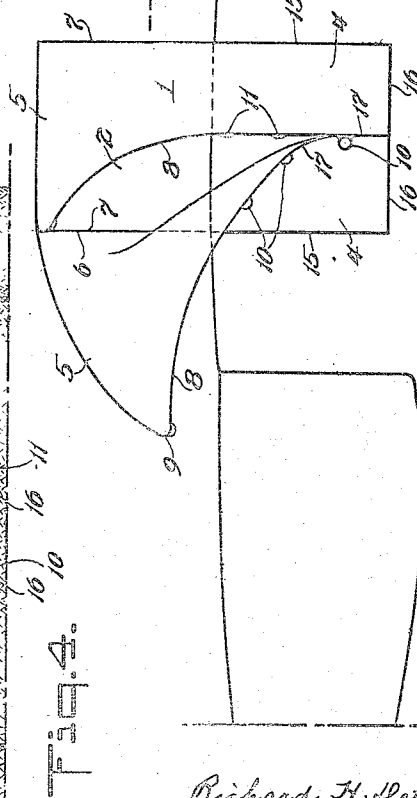
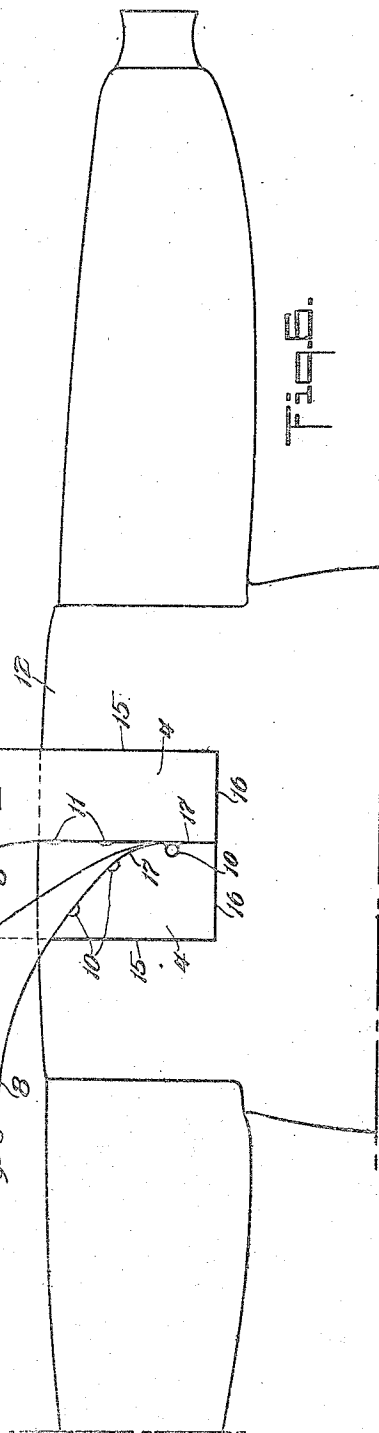
R. H. DETERT

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SWEATER

Filed May 10, 1922

2 Sheets-Sheet 2



Richard H. Detert Inventor
By Jacob B. Liberman
his Attorney

UNITED STATES PATENT OFFICE.

RICHARD H. DETERT, OF JERSEY CITY, NEW JERSEY, ASSIGNOR TO THE CHN., ZIMMERMANN & SON CO., OF NEW YORK, N. Y., A CORPORATION OF NEW JERSEY.

SWEATER.

Application filed May 10, 1922. Serial No. 559,725.

To all whom it may concern:

Be it known that I, RICHARD H. DETERT, a citizen of the United States, and a resident of Jersey City, county of Hudson, and State of New Jersey, have invented certain new and useful Improvements in Sweaters, of which the following is a specification.

The object of my invention is to manufacture a sweater having a roll collar portion, the distinguishing feature of which is that it rolls back like the conventional collar of ordinary garments, and can be fastened close at the neck to maintain the true collar form, or if desired, the ends of the collar can be drawn upwardly so that the entire collar surrounds the head of the wearer forming a partial winter sport helmet with closely buttoned neck. A further novelty consists in the fact that the weave used on the collar portion is substantially vertical.

Fig. 1 is a plan view of the three novel parts which make up the collar portion of the sweater.

Fig. 2 is a front view in outline of the sweater body with opening therein before the collar is inserted.

Figs. 3, 4 and 5 are front views in perspective of the collar incorporated into the sweater showing the various positions in which the collar can be maintained.

Fig. 6 is a general assembly showing the various parts of the invention.

In the figures, 1 is the collar consisting of the back portion 2 which is preferably square or rectangular in shape, and front portions 3; these front portions have an upper section 5 with straight inner sides 6 and flaring outer sides 8 terminating at points 9. The front portions also have lower sections 4 which are substantially rectangular in shape. The inner sides 6 of the upper sections 5 of the front portions are stitched to the sides 7 of the back portion 1. The three portions of the collar are thus sewn together along straight lines leaving the lower sections 4 of the front portions free. The neck 13 of the sweater body 12 is knitted with an extended rectangular or square opening so as to permit the straight lower sections 4 to be sewn therein. The collar is sewn into the sweater body by hand or machine so that the bottom line of the back portion 2 joins with the upper back collar line 14 of the body of the sweater, and the inner sides 15 and the bottoms 16 of the lower sections 4 of front

portions 3 joins with the balance of the neck opening of the body of the sweater. The outer sides 17 of the sections 4 form the neck and chest closure of the sweater and are provided with buttons 10 on one side and button-holes 11 on the other.

A collar fashioned in this way and applied in the manner shown produces a roll collar with a substantially straight chest insert instead of one formed diagonally as is usually the case. This causes the collar to roll back in precisely the same fashion as an ordinary collar on a shirt, while the front of the sweater lies perfectly flat up to a point where the collar begins to roll.

It will be observed that the weave of the collar is vertical throughout. Owing to the particular physical qualities of worsted or yarn when knitted into a chain stitch, a knitted section sewn into the garment in diagonal form will not lie smooth and flat but will spring away from the rest of the garment, while such sections formed of vertical knitted yarn will lie flat and even. I have taken advantage of this property to form the collar of vertically disposed yarn in the back and front pieces not only permitting a natural roll of the collar but insuring great simplicity and strength in the manner of stitching the collar to the body of the sweater along the seams, and further permitting the chest portion of the collar to lie flat and even no matter what position the rolling portion of the collar takes. In Fig. 3 the garment is shown buttoned up to the neck leaving the flaring ends of the collar free. There are no double folds of material nor clumsy thicknesses such as are usually found in sweaters of this character. Where it is desired to open the neck further to expose the throat as in Fig. 4 it is only necessary to unbutton the front ends and turn them slightly outwardly. The third possibility peculiarly adapted to winter sports is shown in Fig. 5 where the front is closely buttoned and the free ends 9 of the upper portion of the collar fasten together above the ears to constitute a three-quarter helmet leaving the necessary portion of the face free owing to the contour of the upper ends of the collar.

Since the neck buttons smoothly and closely as in the conventional roll collar used in garments, other than sweaters (unlike the so-called sport-shirt) a tie can be worn if desired. Incidentally, the sweater buttons

so closely to the neck and fits so snugly at that point that no shirt or other undergarment is necessary.

I claim:

- 5 1. A sweater having a roll collar consisting of a straight edged back portion and front portions comprising an upper section with a straight inner edge connected with one edge of the back portion and a lower
10 substantially straight edged section, fitted into the front of the sweater body and adapted to lie evenly therewith, the said straight edges of each section being in alignment with each other.

2. A sweater having a roll collar consisting of a straight edged back portion and front portions comprising an upper section with a straight inner edge connected with one edge of the back portion and a lower section fitted into the front of the sweater body, the knitted stitch of each portion following parallel vertical lines to permit the collar to roll back in normal position.

Signed at New York, in the county of New York and State of New York, this 9th day of May 1922.

RICHARD H. DETERT.