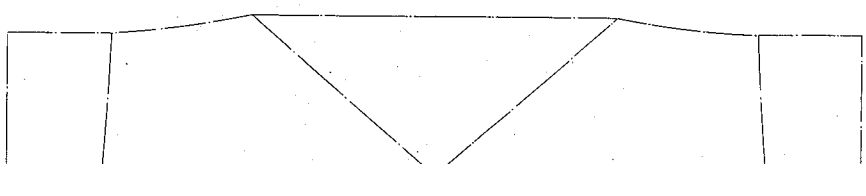
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KNIT FABRIC WITH SCALLOPED EDGE

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KNIT FABRIC WITH SCALLOPED EDGE

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5 Claims. (Cl. 66—176)

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This invention relates to knit fabrics and more particularly to knit fabrics provided with a scalloped edge.

The purpose of the present invention is to produce a knitted fabric or a knitted article having a knit scalloped edge. For example, but without limitation, the lower integrally knit border of the body portion of a sweater or other knitted article may be provided with a scalloped edge which is formed directly by the knitting operation.

Another object of the invention is to produce a knitted fabric of the above described character without requiring the formation of open knitwork in order to provide the scalloped edge.

The above and other objects, features and advantages of the present invention will be fully understood from the following description considered in connection with the accompanying illustrative drawings.

In the drawings:

Fig. 1 is a view of a garment provided with a scalloped-edge knit fabric embodying the present invention, said fabric being illustrated as the lower border of the garment, the major portion of which is shown in dot-and-dash outline;

Fig. 2 is a sectional view on the line 2—2 of Fig. 1;

Fig. 3 is a view of knit-fabric having a scalloped edge and a straight edge at its opposite sides.

Referring now to the drawings in detail, the knit fabric 10 embodying the present invention is shown as the border of a sweater. Said border is provided with a scalloped edge 12 and is formed in integral knit relation with the knitted body portion 14. The border 10 and the fabric of the body portion 14 are formed in integral knit relation on a Stafford & Holt circular knitting machine having vertical and horizontal needles. Said border 10 is formed of rib knitted fabric comprising alternate sections 16 and intermediate sections 18. Sections 16 are formed of cuff-knit stitches, while the intermediate sections 18 are formed of half-cardigan stitches. More particularly, each section 16 comprises a series of wales 20 of cuff-knit stitches, while each section 18 comprises a series of wales 22 of half-cardigan knit stitches. When the fabric is knitted on a Stafford & Holt circular knitting machine, as hereinbefore mentioned, the wheel for a set of the horizontal needles is provided with jacks for moving one group of horizontal needles further toward the vertical needles than the remaining horizontal needles of the set which is operated

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by said wheel. Said one group of needles produce the half-cardigan stitches and the remaining needles produce the cuff-knit stitches in adjacent sections 16 and 18, respectively. As here shown, but without limitation, the fabric which was produced in accordance with the present invention and which is illustrated by the drawings, had its cuff-knitted sections formed as the result of the action of eleven horizontal needles of the wheel and the half-cardigan knit sections were formed by the action of ten of the horizontal needles of the same wheel. It will be understood also that each course is continuous in all of the sections 16 and 18 so that said sections are in integral knit relation, and that sections 16 and 18 are formed of the same yarn. As the result of the knitting of the cuff-knit stitching continuously with the knitting of the intermediate sections 18 of half-cardigan stitches, with the same number of courses in sections 18 as are in sections 16, sections 18 are narrower than sections 16, i. e., the wales 22 of sections 18 are shorter than the wales 20 of sections 16, so that the scalloped terminal edge 12 is formed.

It will be understood that after the border 10 is formed on the knitting machine, all of the horizontal needles are withdrawn from operation, in accordance with the usual mode of operating the knitting machine of the type referred to, so that the continued operation of the machine with the vertical needles only produces the plain or jersey knit fabric of the body portion 14.

In Fig. 1 the heavy line indicated at 24 merely designates the line of juncture between the border 10 and the body portion 14, it will be understood, therefore, that although said line is shown comparatively dark on the drawing, for illustrative purposes, it is not intended to represent that the knit portion at said juncture is darker in color than that of the knit fabric of the body portion 14 and the border fabric 10. It will be observed, however, that the line of juncture between the body portion 14 and the border 10, as indicated by the line 24, is of wavy or scalloped formation corresponding to the wavy or scalloped terminal edge 12.

As shown in Fig. 2 the sweater comprises front and back layers which are stitched together at their side edges as indicated at 26. It will be noted that the fabric of border 10 is flat. In this connection it will be understood that when the knitted fabric of the border 10 comes off the knitting machine, sections 16 tend to have a transversely curved formation due to the tension of sections 18 thereon, and that this curved for-

mation is eliminated when the fabric is subjected to the usual steam pressing operation.

If desired scalloped edge fabric having one of its side edges straight may be provided by knitting fabric like the border 10 of any suitable width and then cutting said fabric laterally of the scalloped edge along a line spaced therefrom to provide a straight edge, as shown in Fig. 3, on a knitted band, for example. This band may be stitched at its edge 28 to a garment or other article as a trimming. For example, but without limitation, the band may be stitched to the ends of the short sleeves 30 of the article shown in Fig. 1.

It will be understood that the invention is susceptible of modifications without departing from the underlying idea or principles of the invention within the scope of the appended claims.

Having thus described my invention, what I claim and desire to secure by Letters Patent is:

1. A knit fabric comprising a plain-knit body portion and a scalloped border portion knit integrally therewith, said border portion comprising a series of alternate sections each formed of a plurality of wales of cuff-knit stitches and a series of intermediate sections each formed of a plurality of wales of half-cardigan stitches, said intermediate sections being knit integrally with said alternate sections and being narrower than the latter, said alternate and intermediate sections extending in the same direction.

2. A knit fabric comprising a plain-knit body portion and a scalloped rib-knit border portion knit integrally therewith, said border portion comprising a series of alternate longitudinally extending sections each formed of a plurality of walls of cuff-knit stitches and a series of intermediate longitudinally extending sections each formed of a plurality of wales of half-cardigan stitches, said intermediate sections being knit integrally with said alternate sections and being narrower than the latter.

3. A knit fabric comprising a plain knit body portion and a rib-knit portion integral therewith, said rib-knit portion having a scalloped edge, and comprising a series of alternate longitudinally extending sections each formed of a plurality of wales of cuff-knit stitches and a series of intermediate longitudinally extending sections each formed of a plurality of wales of half-cardigan stitches, said intermediate sections being knit integrally with said alternate sections and being narrower than the latter.

4. A knit fabric comprising a plain knit body portion and a rib-knit portion integral therewith, said rib-knit portion having a scalloped edge and comprising a series of alternate longitudinally extending sections each formed of a plurality of wales of cuff-knit stitches and a series of intermediate longitudinally extending sections each formed of a plurality of wales of half-cardigan stitches, said intermediate sections being knit integrally with said alternate sections and being narrower than the latter, the scalloped edge of said rib-knit portion being defined by the adjacent end stitches of said wales of stitches of said alternate and intermediate sections.

5. A sweater having a body portion formed of plain knit fabric and a border knit integrally with said body portion and having a scalloped edge, said border comprising a series of alternate sections each formed of a plurality of wales of cuff-knit stitches and a series of intermediate sections each formed of a plurality of wales of half-cardigan stitches, said intermediate sections being knit integrally with said alternate sections and containing the same number of courses as the latter, said alternate and intermediate sections extending in the same direction.

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