Feb. 16, 1926. 1,573,788

O. C. WIESE

CLOTH

Filed Nov. 3, 1922

Fig. 1.

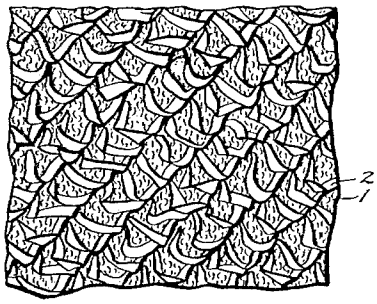


Fig. 2.

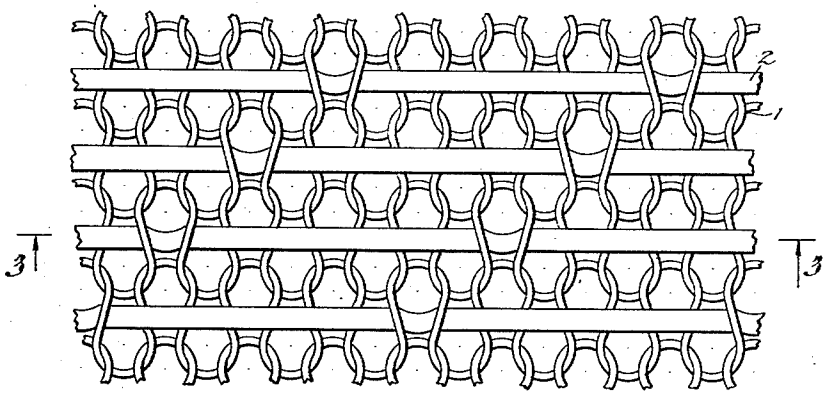


Fig. 3.

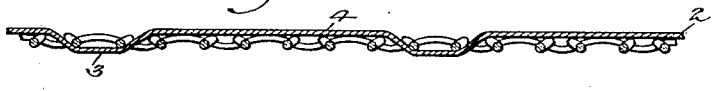


Fig. 4.

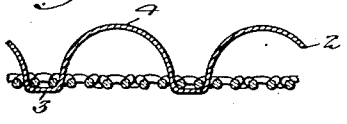


Fig. 5.



WITNESSES

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UNITED STATES PATENT OFFICE.

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CLOTH.

Application filed November 3, 1922. Serial No. 598,824.

To all whom it may concern:

Be it known that I, OTTO C. WIESE, a citizen of the United States, and a resident of the city of New York, borough of Brooklyn, in the county of Kings and State of New York, have invented a new and Improved Cloth, of which the following is a full, clear, and exact description.

This invention relates to an improved cloth and has for an object to provide a cloth which may be easily produced with ordinary knitting machines operating at the usual speed.

Another object of the invention is to provide an improved construction of cloth wherein ornamental strips are utilized to produce a facing for the cloth without injuring the body of the cloth.

A still further object of the invention is to provide a cloth with an added yarn of inelastic material arranged in such a manner that there will be an excess of elastic yarn when the cloth is in an unstretched condition.

In the accompaying drawing—

Figure 1 is a plan view of a piece of cloth constructed according to the present invention.

Figure 2 is an enlarged fragmentary view of the piece of cloth constructed according to the present invention, the same appearing as it appears while in the knitting machine.

Figure 3 is a sectional view through Figure 2 approximately on line 3—3.

Figure 4 is a view of the same structure shown in Figure 3 except that the body of the cloth has been allowed to contract after it is removed from the knitting machine.

Figure 5 is a view similar to Figure 4 but showing the inelastic yarn collapsed so as to produce the appearance from the front as illustrated in Figure 1.

Referring to the accompanying drawing by numerals, 1 indicates a knit body of cloth which is knit by an ordinary machine. During the kniting of the body an inelastic yarn 2 is looped in with the body 1 as illustrated in Figure 2, said yarn being inserted only at spaced intervals, as for instance every fourth loop of the body 1. In the drawing, the yarn 2 has been shown knitted into the body 1 at every fourth loop of the body but it will be evident that it might be knitted in oftener or less often as desired according to the amount of the yarn 2 desired on the face of the finished piece of cloth.

In Figures 2 and 3 the cloth is shown in a stretched condition as it is knit. It will be noted that the yarn 2 lies flat against the body 1 when the cloth is stretched and that by the fact that the yarn is knit into the body 1 at spaced intervals, a resulting peculiar structure is presented, namely, the yarn 2 has a very small section 3 visible from the back of the body 1 and a large section 4 visible from the front. This yarn is any desired ornamental yarn, as for instance, straw.

When the knit cloth first leaves the machine, the loops of the body 1 will immediately contract as shown in Figure 4. This will cause the sections 4 to bow outwardly and then become crushed down as the garment is moved so that eventually the position will be as shown in Figures 1 and 5. In case the garment should at any time be put under tension, body 1 will be stretched and the crushed down portions of the yarn 2 will straighten out and the parts will again assume the position shown in Figure 3 which will automatically return to the position shown in Figures 1 and 5 as soon as the tension has been removed. This form of cloth is particularly adapted for ladies' hats as it produces a nice appearing cover and also background to any trimming which may be placed on the hat. It will, of course, be understood that the straw or other form of yarn 2 may be colored the same as the body 1 or a different color in order to secure the desired appearance. When the cloth is finished as shown in Figure 1, body 1 will produce a background for the ornamental yarn 2 which assumes different positions as a superimposed surface.

What I claim is:—

1. A cloth, comprising a body, and an inserted straw yarn looped into the body at spaced intervals while the body is stretched whereby more of said inserted yarn will be on one face of the body than on the other and whereby the inserted yarn will be crushed somewhat together when the body is not under tension.

2. A cloth, comprising a plain base knit under tension and an inserted inelastic yarn of strawlike material looped into the base at spaced intervals while the base is under

tension whereby more of said yarn will be on one face of the base than on the other and whereby the inelastic yarn will be crushed somewhat together when the base is not under tension.

3. A cloth, comprising a plain knit base and an ornamental facing therefor formed from inelastic yarn of strawlike material knit into the base at spaced intervals while the base is under tension whereby when said tension is relieved said inelastic yarn will be somewhat crushed.

4. An ornamental cloth of the character described, comprising a plain knit base and an inelastic yarn of strawlike material knit into each row of loops of the base while the same is under tension whereby when said tension is relieved said inelastic yarn will be somewhat crushed.

OTTO C. WIESE.