

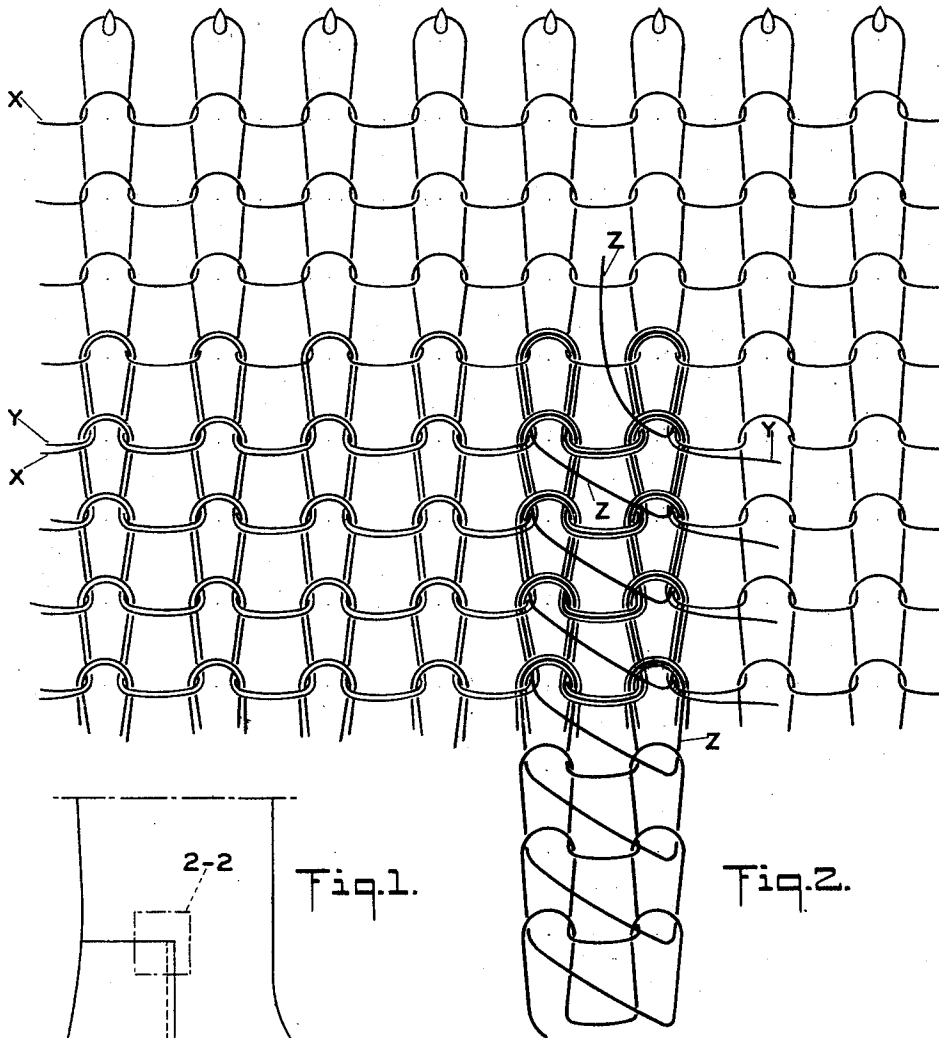
July 28, 1931.

J. H. WILSON

1,816,709

KNITTED FABRIC

Filed Jan. 7, 1930



INVENTOR
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UNITED STATES PATENT OFFICE

JOSEPH HARVEY WILSON, OF LOOKOUT MOUNTAIN, TENNESSEE, ASSIGNOR TO SCOTT AND WILLIAMS, INC., OF NEW YORK, N. Y., A CORPORATION OF MASSACHUSETTS

KNITTED FABRIC

Application filed January 7, 1930. Serial No. 419,103.

This invention relates to fabric and more particularly to stockings and the like in which there are partial reinforcements such, for example, as the high splice and the sole reinforcement of stockings. When the stocking is knit on a circular machine these partial reinforcements are usually put in by lifting the splicing yarn finger out of action for the part of the revolution of the cylinder where the stocking is not to be reinforced. The so called floats resulting from this process must be clipped out by a separate operation, and the resulting ends are generally about one-fourth of an inch or more long in order that they may not work through to the outside. In a sheer stocking these ends are liable to show through the fabric. One of the objects of my invention is to take care of these loose ends. According to my invention the needle or needles forming the high splice are knit in with an extra yarn making a vertical reinforced stripe at the edge of the high splice, thus anchoring the ends and making it possible to cut the ends very much shorter.

In the drawings—

Fig. 1 is a view of part of a stocking showing the location of the portion of fabric shown in Fig. 2; while

Fig. 2 is a diagrammatic showing of the portion of the high splice of the stocking marked in Fig. 1 by the numerals 2—2.

According to the drawings the main yarn is indicated by the letter *x*, the splicing yarn by the letter *y* and the vertical yarn by the letter *z*. The yarn *z* can be fed to the needles above the latches in order that this extra reinforcing or warp yarn *z* may be knit in with the other yarns. Having thus locked the reinforcing yarn it will be obvious that the floats can be cut off close to the reinforcement without any fear of the yarn ends coming through to the outside or showing if it does come through. While the extra yarn is shown knit in on two wales it may be knit in one or more than two wales.

This extra or warp thread at the edge of the high splice may be employed to provide a form of patterning if the yarn used be of

a different color or kind from the yarn of the body.

The feeding of the warp yarn can be accomplished in any desired or well known manner. Thus, for instance, the needles forming the vertical edges of the high splice can be raised selectively by jacks and the yarn wrapped by mechanism such as shown in the patent to Jose Bosch No. 1,615,807 dated January 25, 1927.

What I claim is—

1. A knitted stocking having a portion spliced with a reinforcing yarn having free ends, in combination with an additional yarn knit in the wale or wales at the edge of the spliced portion to bind the free ends of the splicing yarn.

2. A knitted stocking having a portion spliced with a reinforcing yarn having free ends, in combination with an additional yarn knit in the wale or wales at the edge of the spliced portion to bind the free ends of the splicing yarn, the said additional yarn being continuous.

3. A seamless stocking having portions on the sole and above the heel in the back reinforced with a splicing yarn having free ends, the wale or wales at the edges of the spliced yarn containing a warp yarn continuous from course to course and binding the free ends of the splicing yarn.

In testimony whereof I have signed my name to this specification.

JOSEPH HARVEY WILSON.