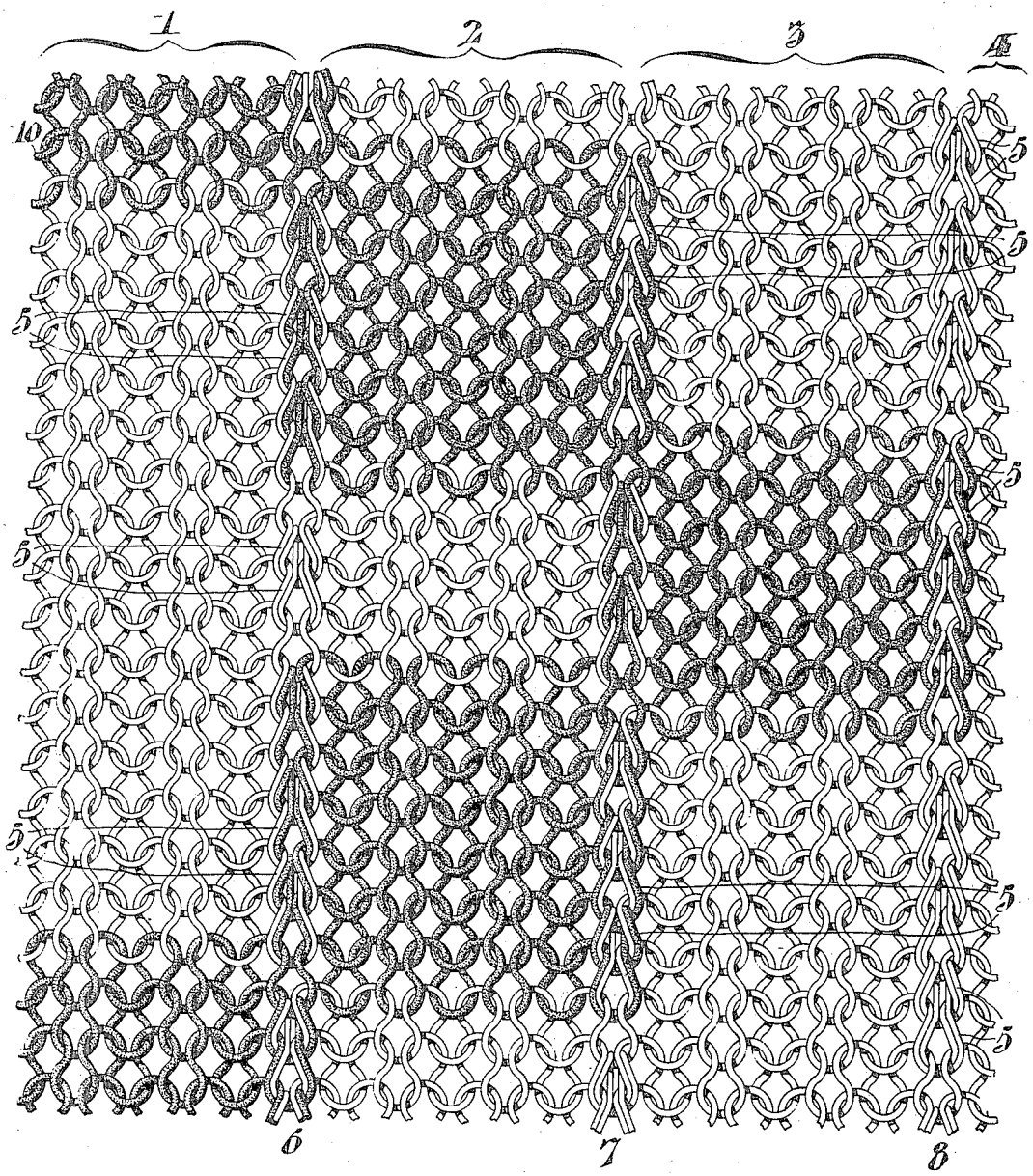
W. WILSON.

KNIT FABRIC.

APPLICATION FILED JULY 22, 1915.

1,229,369.

Patented June 12, 1917.



Witnesses

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UNITED STATES PATENT OFFICE.

WALLACE WILSON, OF PHILADELPHIA, PENNSYLVANIA.

KNIT FABRIC.

1,229,369. Specification of Letters Patent. Patented June 12, 1917.

Application filed July 22, 1915. Serial No. 41,217.

To all whom it may concern:

Be it known that I, WALLACE WILSON, of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Knit Fabrics, whereof the following is a specification, reference being had to the accompanying drawings.

My improvements relate to knit fabrics in which color effects are produced in the nature of stripes, plaids or checks. The stripes are produced by the simultaneous knitting of a number of narrow vertical webs, the selvage loops of adjoining webs being knit simultaneously into a common or suture wale so as to accomplish the union between the webs. By varying the color of successive courses horizontal stripes may be combined with the vertical stripes with the formation of checks, etc.

I have illustrated an embodiment of my invention in the accompanying drawing, which represents a portion of a knit web of my invention, showing two full vertical stripes, and parts of two such adjoining stripes. With these are combined horizontal stripes varied from time to time to form a plaid or checker-board pattern. An examination of the fabric as figured in the drawings will show that it consists of a series of narrow vertical selvaged webs 1, 2, 3, 4, which are knit simultaneously side by side, the selvage loops 5, 5, 5, of each web being interknit simultaneously with the selvage loops of the adjoining web, with formation of common or suture wales 6, 7, 8, in which two threads are simultaneously interknit loop by loop, while the rest of the fabric shows the interlooping of but a single thread. If the fabric thus described be knit continuously without variation of color in any one of the webs, it is evident that vertical stripes will be produced, but by varying the thread in successive courses of any one of these webs, they may be horizontally striped with the production of various checks.

For the production of plaids, especially if a checker-board plaid be desired, a regular sequence in the succession of the horizontal stripes with relation to the vertical stripes is necessary, and it is characteristic of my invention that in the formation of such a sequence, the yarn in one of the webs shall thereupon be transferred to the adjoining web and thereafter knit a similar succession of courses in that web. Thus, the black thread 10, which has knit a few courses of web at the upper left hand corner of the drawing, has been then shifted to web 2, and has then knit say seven courses of that web. It will be noticed that where the thread 10, is thus shifted along the third course of knitting shown in the drawing, from one web to the one next to it, the suture wale does not involve any other thread, for which reason the third loop of the suture wale 6, shows but a single thread, instead of the double thread which is commonly found in that and the other suture wales. The same thing will be noticed in the ninth loop of the suture wale 7.

Having thus described my invention, I claim:

1. A vertically striped knit fabric, consisting of a succession of vertical selvaged webs, each with their selvage loops interknit simultaneously with the corresponding selvage loops of adjacent webs, in combination with horizontal stripes in said selvage webs formed by variation of the thread in successive courses thereof.

2. A vertically striped knit fabric, consisting of a succession of selvaged webs, each with their selvage loops interknit simultaneously with the corresponding selvage loops of adjacent webs to form suture wales, in combination with horizontal stripes in said selvaged webs formed by variation of the thread in successive courses thereof, the yarn which forms the last course of a given stripe of one selvaged web passing across to the adjoining web, and forming the first course of the ensuing stripe of that web, and alone forming the loop of that course in the intervening suture wale.

In testimony whereof, I have hereunto signed my name at Philadelphia, Pennsylvania, this twentieth day of July 1915.

WALLACE WILSON.

Witnesses:

JAMES H. BELL,

E. L. FULLERTON.