

(No Model.)

S. CONDÉ.  
KNIT FABRIC.

No. 462,470.

Patented Nov. 3, 1891.

Fig. 1.

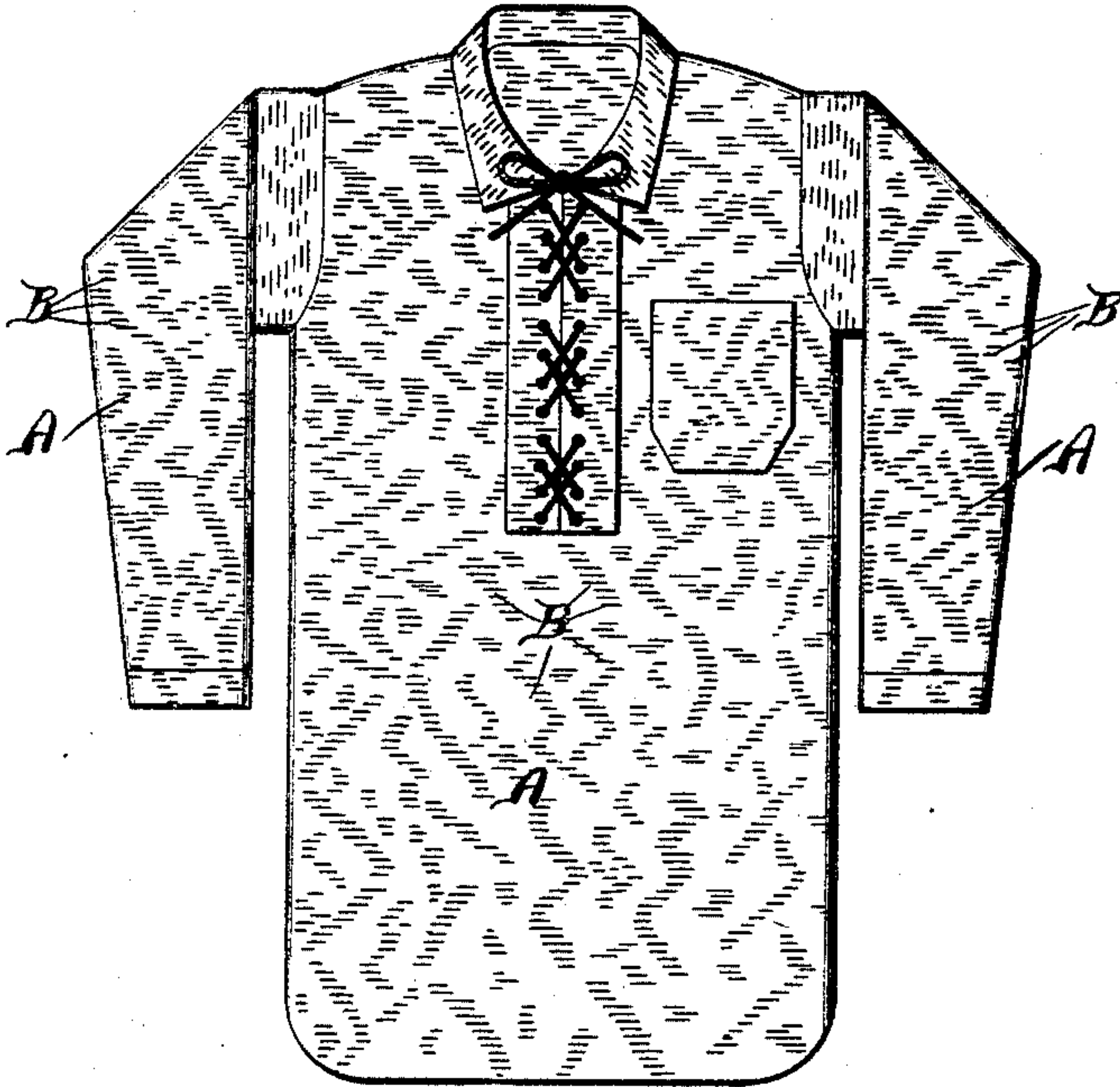
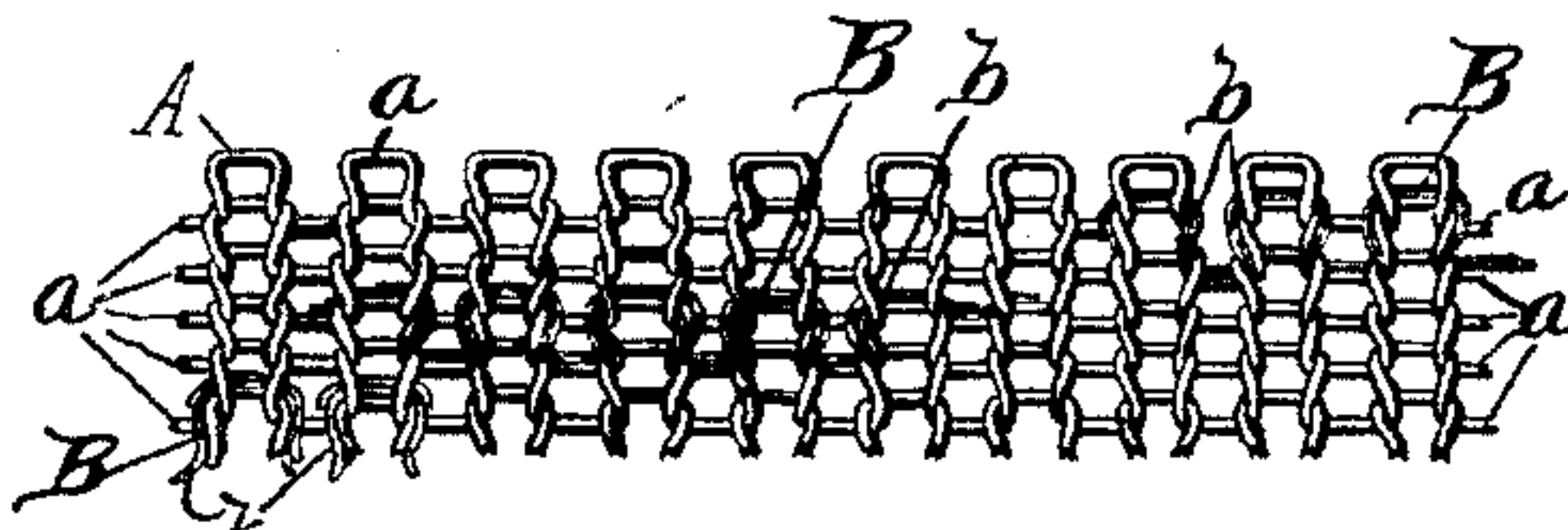


Fig. 3.



Fig. 2.



WITNESSES:  
W. H. Randall,  
H. C. Chase,

INVENTOR  
S. Condé  
BY  
H. W. McKim, J. P. Russell  
ATTORNEYS



# UNITED STATES PATENT OFFICE.

SWITS CONDÉ, OF OSWEGO, NEW YORK.

## KNIT FABRIC.

SPECIFICATION forming part of Letters Patent No. 462,470, dated November 3, 1891.

Application filed August 30, 1890. Serial No. 363,537. (No specimens.)

*To all whom it may concern:*

Be it known that I, SWITS CONDÉ, of Oswego, in the county of Oswego, in the State of New York, have invented new and useful  
5 Improvements in Knit Fabrics, of which the following, taken in connection with the accompanying drawings, is a full, clear, and exact description.

My invention relates to knit fabrics, and has  
10 for its object the production of an easily-constructed, novel, and pleasing spotted fabric suitable for manufacture into shirts and other garments; and to this end the invention consists, essentially, in a fabric having a knitted  
15 body or face and a series of spots knitted into the face of said fabric and composed of short sections of yarn.

The invention also consists in a biased or broken extremity upon said sections, where-  
20 by the composing threads are of unequal projection and the section is more securely knitted into the fabric.

In describing this invention reference is had to the accompanying drawings, forming  
25 a part of this specification, in which like letters indicate corresponding parts in all the views.

Figure 1 represents an elevation of my improved fabric made up into an outing-shirt.  
30 Fig. 2 represents an enlarged detached portion of the fabric, illustrating its detail construction; and Fig. 3 illustrates a detached section of the yarn.

A represents the fabric, which is composed  
35 of a series of strands of yarn  $a$ , knitted together in the ordinary or any desired manner. This fabric is, however, preferably formed upon a looped or bearded needle knitting-machine, as set forth in my pending applica-  
40 tions for feeds for knitting-machines, Serial No. 363,538, filed August 30, 1890, and for process of knitting, Serial No. 363,670, filed September 1, 1890.

B represents the spots which are formed  
45 upon the fabric, as best seen in Figs. 1 and 2. These spots are arranged in rows and consist of short sections of yarn knitted into the fabric at intervals.

The mechanism for dividing the yarn into  
50 sections and knitting the same into the body of the fabric forms no part of my present in-

vention and is made the subject-matter of one of the aforesaid pending applications, Serial Nos. 363,538 and 363,670. The short sections of yarn  $b b^2$  are preferably formed with biased  
55 or broken extremities  $b'$ , whereby the composing threads are of unequal projection and the sections when knitted into the body are more securely held than if the end were square. This is evident, since it will be understood  
60 that part of the threads are knitted into one loop and part into the next adjacent loops. As preferably constructed, the spots B are composed of one or more sections of the same or different colors or textures, whereby a very  
65 novel and pleasing mottled effect is produced, which greatly adds to the desirability and salability of the shirt. By varying the color and kind of the yarn the operator is enabled to pro-  
70 duce an unlimited and diversified number of designs, which forms a feature of great practical advantage. It will be apparent, however, that my invention is not limited to any particular color of yarn for composing the spots  
75 B, nor to the use of sections of yarn having biased extremities, since square extremities can be used, if desired, although, as aforesaid, such is not the preferable construction.

My invention will be readily perceived from the foregoing and upon reference to the draw-  
80 ings.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. The herein-described fabric, the same  
85 consisting of a knitted body having knitted thereinto at intervals short sections of yarn, substantially as set forth.

2. The herein-described knitted fabric, the same consisting of a knitted body having  
90 thereon a series of rows of spots formed by a series of short sections of yarn knitted into said fabric at intervals, substantially as described.

3. The herein-described knitted fabric hav-  
95 ing a knitted body and having knitted thereinto at intervals short sections of yarn, having one extremity biased, whereby the ends of component threads of said sections are of unequal projection and the said sections more  
100 securely held, substantially as specified.

4. The herein-described knitted fabric hav-

ing a knitted body and having thereon a series of spots formed by sections of differently-colored yarn, substantially as and for the purpose set forth.

5 In testimony whereof I have hereunto signed my name, in the presence of two attesting witnesses, at Oswego, in the county of

Oswego, in the State of New York, this 23d day of August, 1890.

SWITS CONDÉ.

Witnesses:

W. ZELLER,  
O. G. PHILLIPS.