R. W. SCOTT.

FLEECED KNITTED WEB.

APPLICATION FILED MAY 26, 1909.

1,118,062. Patented Nov. 24, 1914.

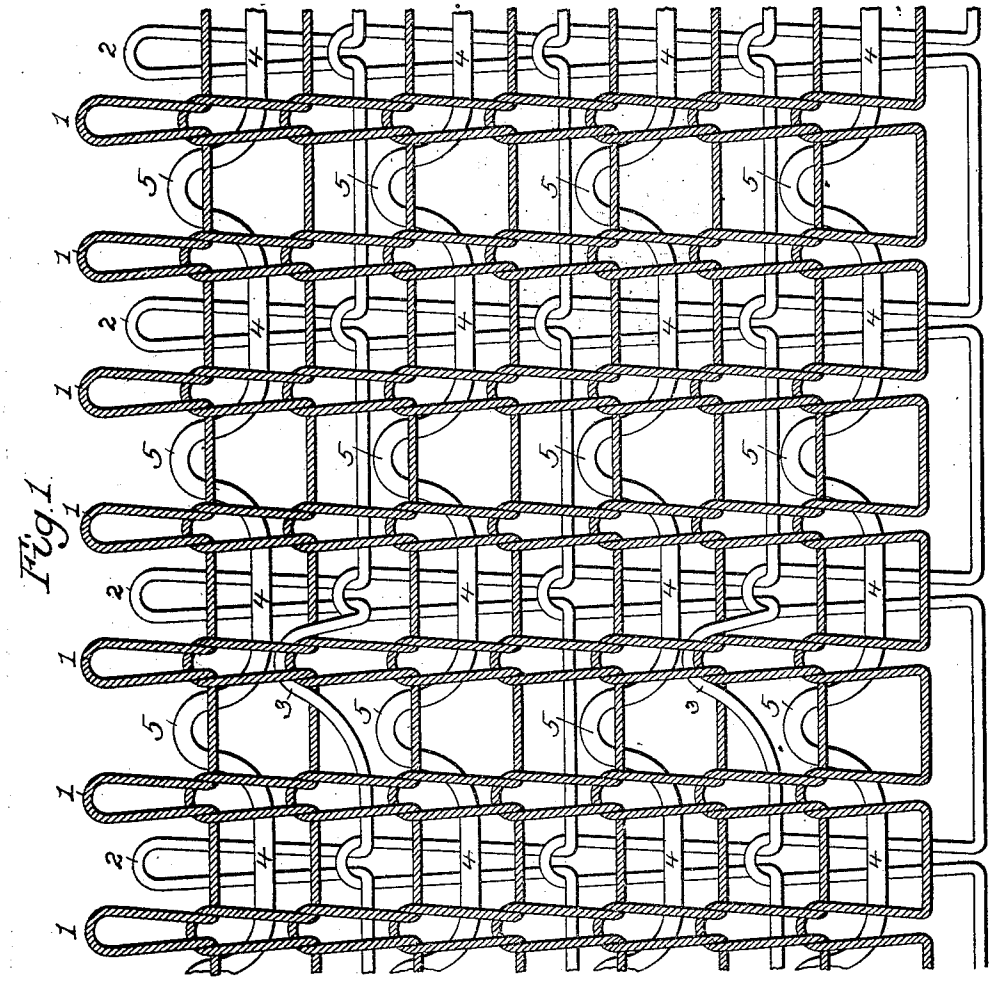


Fig. 1

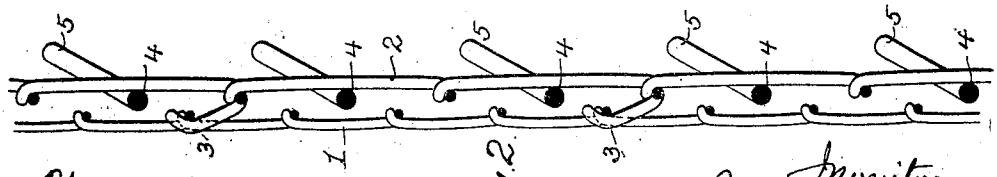


Fig. 2

Witnesses
Hamilton D. Turner
Harry L. Smith

Inventor
Robert W. Scott
by his Attorneys
Pratt & Rogers

UNITED STATES PATENT OFFICE.

ROBERT W. SCOTT, OF LEEDS POINT, NEW JERSEY, ASSIGNOR, BY DIRECT AND MESNE ASSIGNMENTS, TO SCOTT & WILLIAMS, INCORPORATED, OF CAMDEN, NEW JERSEY, A CORPORATION OF NEW JERSEY.

FLEECED KNITTED WEB.

1,118,062. Specification of Letters Patent. Patented Nov. 24, 1914.

Application filed May 26, 1909. Serial No. 498,421.

To all whom it may concern:

Be it known that I, ROBERT W. SCOTT, a citizen of the United States, residing in Leeds Point, Atlantic county, New Jersey, have invented certain Improvements in Fleeced Knitted Webs, of which the following is a specification.

The object of my invention is to produce a fleece lined knitted web of a more acceptable character than those heretofore made, an object which I attain in the following manner, reference being had to the accompanying drawing, in which—

Figure 1 is an exaggerated face view of a piece of fleece-lined knitted web produced in accordance with my invention, and Fig. 2 is a transverse sectional view of the same.

Heretofore fleecing yarns have been combined with plain or single knitted webs either by interknitting the fleecing yarn with the web or by confining the fleecing yarn to the back of the web by means of special threads interknitted with the web, and fleecing yarns have also been combined with ribbed knitted webs by laying such yarn between the front and back wales of the web and either looping it across certain of the back wales or projecting it in the form of loops or tufts between said back wales. Previous methods of combining a fleecing yarn with a plain web, however, have been objectionable because of the marring of the face of the web and because the fleecing yarn did not project from the back of the web in the form of tufts which could be readily brushed or gigged to form the fleece, and the first of these objections also applied in some degree to the ribbed webs.

In carrying out my invention I use a web of the character shown and described in the patent of D. C. Bellis, No. 709,734, dated September 23, 1902, and consisting of two plain webs, one overlying the other, these webs being secured together at intervals by yarn of one web engaging the other web, and by preference, I employ that type of such patented web which constitutes the subject of L. N. D. William's Letters Patent No. 853,667, dated May 14, 1907, said web having in the back member, a less number of wales and courses of stitches than in the face member.

In the drawing, 1 represents the face web of fine texture and 2 the back web of coarser texture because of the lesser number of wales and courses of stitches contained therein, these two webs being tied together at intervals by having loops of yarn of the back web interknitted with the face web, as shown at 3.

Between the face and the back webs are laid the fleecing yarns 4 which extend parallel with the courses of stitches in said face and back webs but are projected between wales of the back web so as to form loops or tufts projecting beyond the face of said back web, as shown at 5, whereby they can be brushed or gigged to form the fleece without risk of injury to the knitting yarn of which the back web is composed.

The face of my improved web presents a plain fabric which can be of a texture as fine as desired and finer than it is possible to knit the face of an ordinary ribbed web, this closely knitted plain face web effectually covering and concealing the fleecing yarns laid between the two webs and protecting said yarns from either intentional or accidental displacement such as would shorten or withdraw the projecting loops or tufts 5.

I claim:

1. A knitted fabric comprising single face and back webs each presenting flat faced wales and united at intervals by yarn of one web engaging the other web, and fleecing yarns laid between the face and back webs and projected in the form of tufts or loops between adjoining flat faced wales of the back web.

2. A knitted fabric comprising a single face web of close texture and a single back web having a lesser number of wales than the face web, both of said webs presenting flat faced wales, and said webs being connected at intervals by yarn of one web engaging the other web, and fleecing yarns laid between the two webs and projected in the form of tufts or loops between adjoining flat faced wales of the back web.

3. A knitted fabric comprising single face and back webs both presenting flat faced wales and united at intervals by yarn of one web engaging the other web, and fleecing yarns laid between the face and back webs

and projected in the form of tufts or loops between all of the flat faced wales of the back web.

4. A knitted fabric comprising a single face web of close texture and a single back web having a lesser number of wales than the face web, both of said webs presenting flat faced wales, and said webs being connected at intervals by yarn of one web engaging the other web, and fleecing yarns laid between the two webs and projected in the form of tufts or loops between all of the flat faced wales of the back web.

In testimony whereof, I have signed my name to this specification, in the presence of two subscribing witnesses.

ROBERT W. SCOTT.

Witnesses:
HAMILTON D. TURNER,
KATE A. BEADLE.