No. 762,210. PATENTED JUNE 7, 1904.

C. C. STEWART.

CARPET FABRIC.

APPLICATION FILED OCT. 8, 1903.

NO MODEL.

Fig. 1.

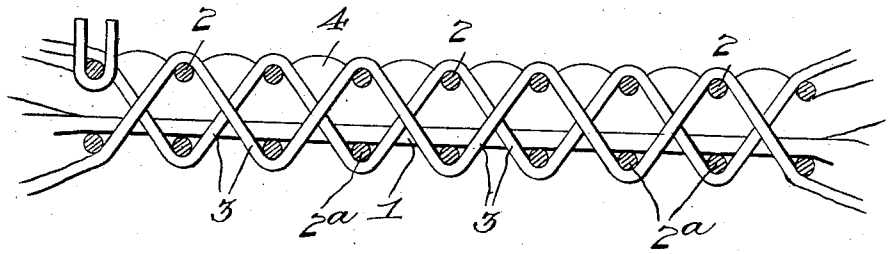
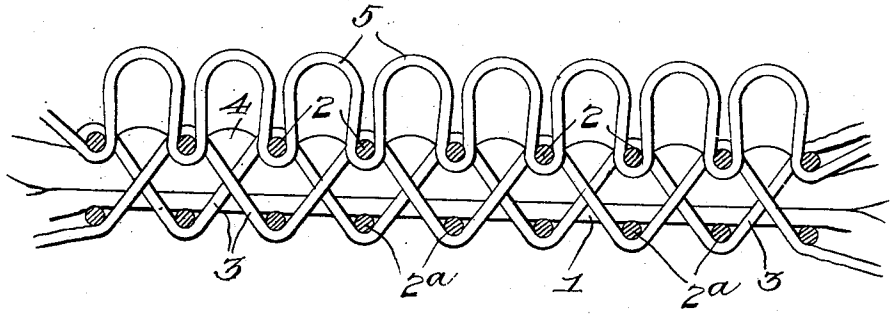


Fig. 2.



WITNESSES:

J. L. Morrison

E. E. Schnell

INVENTOR

Charles C. Stewart

BY Edson Bros.

Attorneys

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

No. 762,210. Patented June 7, 1904.

UNITED STATES PATENT OFFICE.

CHARLES CARROLL STEWART, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR OF ONE-HALF TO ARCHIE T. JAMES, OF PHILADELPHIA, PENNSYLVANIA.

CARPET FABRIC.

SPECIFICATION forming part of Letters Patent No. 762,210, dated June 7, 1904.

Application filed October 8, 1903. Serial No. 176,289. (No specimens.)

To all whom it may concern:

Be it known that I, CHARLES CARROLL STEWART, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Carpet Fabrics; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to carpet fabrics, and has for its object, among others, to provide a fabric of this nature which will be softer and more elastic to the tread and which will be more durable, and consequently more economical.

The invention consists in the addition of a soft material as an interlining or filling between the backing and the yarn of a carpet of the ordinary weave.

In the accompanying drawings, illustrating the preferred embodiment of my invention, Figure 1 is an enlarged sectional view of a fabric embodying my invention provided with cut pile-warps. Fig. 2 is an enlarged sectional view of the fabric with continuous pile-warps.

Referring more particularly to the drawings, 1 represents the ordinary backing or stuffer warps, 2 2^a are the wefts, and 3 represents the binding warp-threads.

My improved soft filling or cushioning warps 4 are inserted above the backing or stuffer warps 1 and below the upper cross-wefts 2 before the yarns or pile-warps 5 are woven in. When said pile-warps are woven in, it rests on said cushioning-warps, as shown in Fig. 2. While I show continuous pile-warps in Fig. 2 of the drawings, sectional or cut pile-warps, as shown in Fig. 1, may be used with equal success.

By the simple addition of a soft material as an interlining I produce an entirely new result. The advantages of the addition are that the soft stuffer or filling will prevent the yarn from sprouting, will prevent the cutting off of the colors, and will also prevent the packing of the yarns or surface of the goods, thus increasing the wearing qualities of the carpets. The placing of a soft material between the surface and the back of the goods provides a lining or bed for the yarn to rest upon.

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

1. In a carpet fabric, the combination with warp-threads, upper and lower weft-threads, backing or stuffer warps, pile, of cushioning-warps arranged between said stuffer-warps and said pile and upper weft-threads.

2. In a carpet fabric, the combination with warp and weft threads, backing or stuffer warps, pile, of cushioning-warps arranged between said stuffer-warps and pile.

3. In a carpet fabric, the combination with warp and weft threads, of backing or stuffer the latter above the former, and between said warps, and pile cushioning-warps arranged, weft-threads, and pile, and two adjacent pairs of warp-threads.

In testimony whereof I affix my signature in presence of two witnesses.

CHARLES CARROLL STEWART.

Witnesses:

GEO. MCKEOWN,

W. H. THORNLEY.

Correction in Letters Patent No. 762,210.

It is hereby certified that in Letters Patent No. 762,210, granted June 7, 1904, upon the application of Charles Carroll Stewart, of Philadelphia, Pennsylvania, for an improvement in "Carpet Fabrics," an error appears in the printed specification requiring correction, as follows: Page 1, lines 69 and 70 should be transposed; and that the said Letters Patent should be read with this correction therein that the same may conform to the record of the case in the Patent Office.

Signed and sealed this 8th day of June, A. D., 1909.

[SEAL.]

C. C. BILLINGS,

Acting Commissioner of Patents.