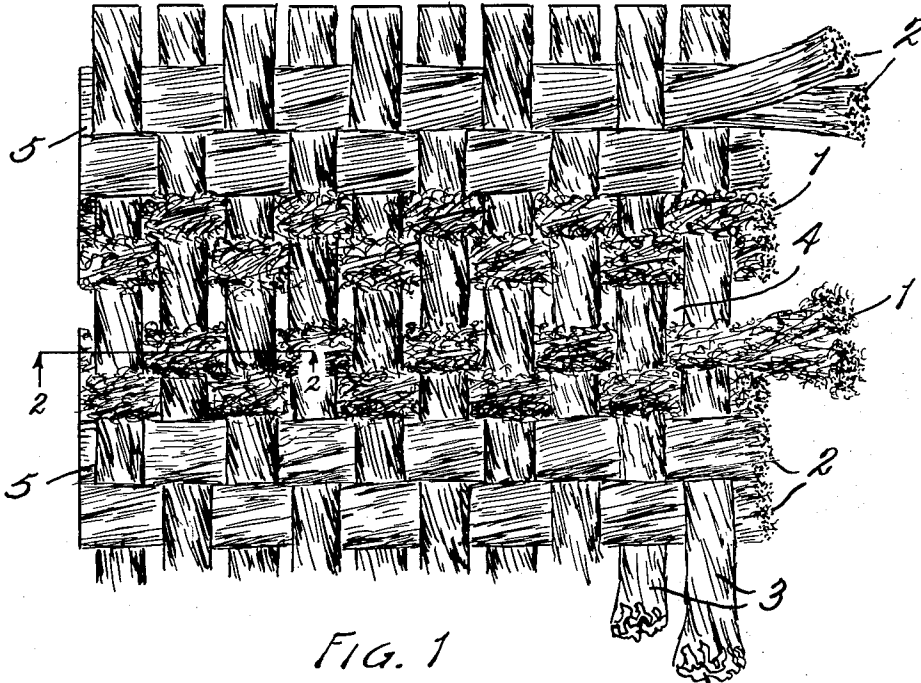
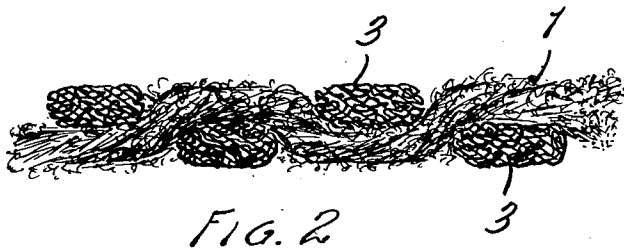


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WOVEN FABRIC ADAPTED FOR USE AS
UPHOLSTERY COVERS AND THE LIKE
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WOVEN FABRIC ADAPTED FOR USE AS
UPHOLSTERY COVERS AND THE LIKEFaylon M. Merrill, Grand Rapids, Mich., assignor
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This invention relates to improvements in woven fabric adapted for use as upholstery covers and the like.

The main objects of this invention are:

First, to provide a fabric well adapted for use as upholstery covers, for example the seats and backs of automobile cushions, which is well ventilated, is not objectionably slippery and at the same time has a bright clean appearance.

Second, to provide a fabric adapted for the purposes indicated which is strong and durable and has a substantial feel of stability but at the same time is flexible.

Third, to provide a fabric having these advantages which may be economically produced, has a lustrous tone or appearance without having a coating of shellac or varnish frequently used on material designed for these purposes.

Objects relating to details and economies of the invention will appear from the description to follow. The invention is pointed out in the claims.

A preferred embodiment of the invention is illustrated in the accompanying drawing, in which:

Fig. 1 is a fragmentary view largely conventionalized of a fabric embodying my invention in which the strands are greatly increased in size.

Fig. 2 is a fragmentary sectional view on line 2—2 of Fig. 1.

Fig. 3 is an enlarged cross section of one of the rayon warp strands.

The fabric of my invention as illustrated consists of groups of cotton warp strands 1 and groups of rayon warp strands 2 arranged in alternating relation throughout the fabric. The wool strands 3 are interwoven with the warp strands of both groups, the wool strands being formed of twisted paper and of flattened and relatively large section as compared to the warp strands. The rayon warp strands are desirably of flattened section and of considerable width as indicated in Fig. 3. Certain of the strands of each cotton warp group are spaced to provide openings 4 therebetween.

The wool strands are relatively stiff and provide a body for the fabric which while flexible has substantial resistance and resilience. The strands of the rayon groups are engaged with the wool strands in alternating relation, crossing of the rayon strands by the paper wool strands as illustrated, providing in effect checked stripes designated generally by the numeral 5. The rayon warp strands are desirably uncolored

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and provide a lustrous stripe. Also crossing of the cotton strands by paper wool strands provides a checked pattern or checked design in the fabric.

The cotton warp strands and the paper wool strands are relatively dark in color which makes the lustrous rayon warp strands stand out and impart a desirable lustrous effect to the entire fabric without the use of varnishes, lacquers or other coatings which are quite commonly used in the production of fabrics of this general character designed for covers.

The paper wool strands, or filler strands as they are sometimes called, result in a fabric which cannot be easily distorted or pulled out of shape. At the same time, the fabric of my invention may be very economically produced.

I have not attempted to illustrate selvage edges which are commonly woven into the fabric as such details will be readily understood by those skilled in the art of weaving.

While the fabric illustrated is well adapted for coverings for cushions and the like it has various other adaptations and uses.

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

1. A woven fabric comprising groups of rayon warp strands and groups of cotton warp strands arranged in alternating relation, and wool strands of twisted paper interwoven with the warp strands, the wool strands being flattened and relatively stiff and resilient as compared to the warp strands, the rayon warp strands being uncolored and of flattened section, each strand of the rayon groups being woven as a warp strand separate from an adjacent rayon warp strand and coacting with the wool strands to provide lustrous checked stripes.

2. A woven fabric comprising groups of rayon warp strands and groups of cotton warp strands arranged in alternating relation, and wool strands of twisted paper interwoven with the warp strands, the rayon warp strands being uncolored, each strand of the rayon groups being woven separately from an adjacent rayon warp strand, the wool strands of twisted paper being relatively stiff and resilient as compared to said warp strands of cotton and rayon, said wool strands of paper coacting with said groups of cotton warp strands and groups of rayon warp strands arranged in said alternating relation to provide a relatively stiff resilient fabric having a relatively smooth surface and having checked lustrous stripes of substantial width of rayon warp strands separated by checked stripes

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of substantial width of cotton warp strands extending across said surface.

3. A woven fabric comprising a plurality of alternating groups of rayon warp strands and cotton warp strands, and woof strands of twisted paper interwoven therewith, the rayon warp strands being lustrous and the cotton warp strands and woof strands being relatively dark in color, the woof strands of twisted paper being relatively stiff and resilient as compared to the warp strands of rayon and cotton, said woof strands of paper coacting with said groups of cotton warp strands and groups of rayon warp strands to provide a relatively stiff resilient fabric having a relatively smooth surface and having relatively wide checked lustrous stripes of rayon warp strands separated by relatively wide checked stripes of cotton warp strands extending across said surface.

4. A woven fabric comprising alternating strips of rayon warp strands, cotton warp strands, and woof strands of twisted paper interwoven therewith, the rayon strands being of flattened section, the direction of the width of the flattened strand being generally parallel to the surface of the fabric, said rayon strands contrasting with the cotton warp strands and woof and coacting therewith to provide spaced checked lustrous stripes of substantial width extending across a surface of the fabric.

5. A woven fabric comprising groups of rayon warp strands and groups of cotton warp strands, the groups being arranged in alternating relation, and woof strands of twisted paper inter-

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woven with the warp strands, the woof strands being relatively stiff and resilient as compared to the warp strands, certain strands of each cotton warp group being spaced to provide openings therebetween, the rayon warp strands being lustrous and the cotton warp and paper woof strands being relatively dark in color.

6. A woven fabric comprising a plurality of alternating groups of rayon warp strands and cotton warp strands and woof strands of twisted paper interwoven therewith, the woof strands being relatively stiff and resilient as compared to the warp strands, certain strands of each cotton warp group being spaced to provide openings therebetween.

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