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P. C. WAITE

STRAND FOR RUGS

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Fig. 1.

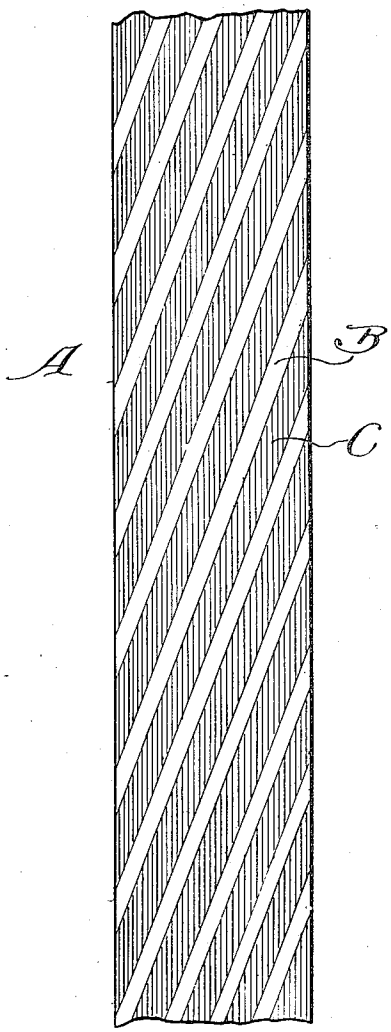
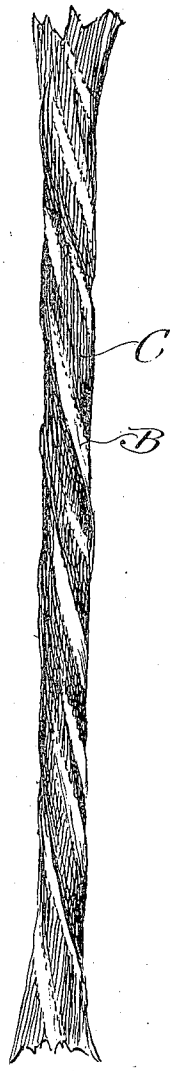


Fig. 2.



INVENTOR.
Philip C. Waite
BY Bonnington & Bonnington
ATTORNEYS.

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PHILIP C. WAITE, OF OSHKOSH, WISCONSIN, ASSIGNOR TO WAITE CARPET COMPANY, OF OSHKOSH, WISCONSIN, A CORPORATION OF WISCONSIN.

STRAND FOR RUGS.

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In the making of rugs at the present time, it is customary to use strands made of twisted paper, and in order to secure a mottled or variegated effect in the strands, it is customary to twist together strips of different colored paper, thereby making a two stranded twine which affords the desired effect.

In making up strands in this way, it is customary to employ strips which are tinted or dyed with analine dyes in the course of making the paper. In use, such tinted paper colors tend to fade when exposed to the light, and the use of such two stranded twine involves other difficulties in manufacture which the present invention is designed to avoid.

The object of the present invention is to provide a twine which will display a variegated striped or mottled effect, and which is made from a single strip of paper printed in fast ink colors which permits the paper to be printed up as required, and, at the same time, permits of ready variation in the design and color scheme, and produces the mottled or variegated effect of a two stranded twine of the character previously in use.

Further details will appear from a description of the invention in connection with the accompanying drawing wherein—

Figure 1 is a plan view of a strip of paper striped to display the variegated color effect; and

Figure 2 is a section of a strand of twine, greatly enlarged, embodying the characteristics of the present invention.

The strand of the present invention is formed from a strip A of paper which in the form shown is provided with diagonally extending stripes B and C, the former being of a light color, preferably the neutral tint of the paper itself, and the latter being of a darker color applied by printing with light-fast ink on the surface of the neutral tinted paper. Obviously the arrangement and configuration of the color markings can be varied, but the diagonally striped arrangement is one which lends itself with peculiar advantage to the requirements of the present invention, in that the diagonal stripes will follow more or less closely the spirality given to the paper strip in the process of transforming it into a twine.

The twine is formed by pressing together the strip of paper, and then twisting it as indicated in Fig. 2, and, when formed in this manner, the light and dark stripes will be alternately displayed in such a way as to give the effect of a two stranded twine formed of separate strips of variously tinted paper or the like. The stripe effect will be more or less broken or irregular due to the crushing and crumpling of the paper in the process of manufacture, but this tends to give a soft mottled appearance to the texture of the rug composed from the twine thus formed, and at the same time the spirally extending stripe will be displayed with sufficient regularity and continuity to give the appearance of a multiple stranded twine.

It is preferred to employ paper of a neutral color which, of course, will not tend to fade, and upon this background to print the stripes in fast ink colors which will ordinarily be more uniform in shade than is possible in the maikng of tinted paper of the character now commonly employed with which it is difficult to match colors in separate batches of paper. Furthermore, by the employment of the printing process here indicated, it will be possible to more readily vary the intended color effect, since any shade of color can be printed in such quantity or design as occasion may require, and this permits the output to be more diversified than is possible in the use of tinted papers.

Furthermore, by forming the twine from a single piece of paper, the manufacturing process will be simplified and cheapened, and at the same time a twine composed of a single strip twisted upon itself in the manner indicated will be tough and coherent, and uniform in texture, and will present a smooth, firm and coherent surface which is peculiarly adaptable to rug making in that it is resistant to abrasive action which is the most important requirement in rug making, and at the same time the bulk or diameter of the completed twine can be readily varied by varying the width of the paper strip employed, and by varying the pitch and tightness with which it is wound, and this facility in regulating the bulk and compressibility of the twine, together with the means described for varying the coloration of the completed twine, are all features of importance in adapting the twine to rug making requirements.

I claim:

1. A twine adapted for rug making and

consisting of a single strip of paper having a surface impression imprinted thereon in fast ink in the form of a plurality of diagonally extending stripes said strip being spirally twisted to produce a twine having said stripes running in substantially the same direction as the spiral twistings to produce the effect of a twine composed of a plurality of strands of different colors, substantially as described.

2. A twine adapted for rug making and formed of a single strip of paper having a surface impression imprinted thereon in fast colors in the form of a variegated color pattern, said strip being twisted on a longitudinal axis and the color pattern being so disposed as to produce the effect when twisted of a twine composed of a plurality of differently colored strands, substantially as described.

PHILIP C. WAITE.