The Textile Mercury

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"Note Reed" or "colored black" is a preparation largely sold on the Continent, and colored in this country for printing black on white. It is made by taking 1 kilo of logwood extract at 50° Tw., and mixing with a warm solution of 3 kilos of bichromate of potash in 10 kilos of water acid at 55° Tw., when a thick mass is obtained. This is added to 121 kilos of soda bichromate, and the mixture is heated to 95° C. The precipitated black is thereby dissolved, and the mixture is now ready for the starch paste. In printing it is thickened with starch paste. Chrome acetate mordant gives a blue black, while a mixture of tannin and iron acetate gives a jet black. The black may be toned with magenta, molybdenum blue, etc., and pale shades obtained by increasing the proportion of the above material. After printing, the goods are steamed.

Designing

NEW DESIGNS

Bootsie Border

This design was made at Lahore, Punjab. Length 3 yards 20 inches; width 1 yard 10 inches; weight 12 ounces. The design is shown in the various colours. No 1: dark blue; 2: yellow; 3: dark blue; 4: yellow; 5: dark blue; 6: yellow; 7: dark blue; 8: light blue; 9: dark blue; 10: yellow; 11: dark blue; 12: yellow.

Scotti Tweek

Notwithstanding the extensive and effective application of colour to this class of goods, the next, yet pleasing, makes of cloth usually made of all one colour, or of two colours at most, continue and will continue to attract attention; in fact, in many cases where one really fancy coloured cloth is sold, six of these "bread and butter" designs, as they are called, are disposed of. The following particulars are suitable:

Warp. All 20s. 100's needed. 10 lbs. 5 rts. 50 cents per inch. Or the following:

Warp. All 20s. 8 rts. 4r 5th. 50 cents per inch.

In 8 and 80 are shown two effects produced, by colour and the two and two twill, which are extensively used as suggested. The light circles show how the weave is applied, and the solid type the effect produced by warping and wefting 2 black and 2 white. It will be noticed that the stripes produced are practically the same, but the line is horizontal and the other vertical, so that in figuring these two effects the designer is practically limited to horizontal or vertical bars; but these lines need not always be the same nor need they be applied in the same order; thus, solid warp and weft, 1 light and 1 dark in both warp and weft. 1 and 1 in the warp and 2 and 2 in the weft might be used, in each case a slight modification being noticeable.

In Design 27 we furnish a check for using with colour. If the warps be 2 threads light and 2 threads dark in the horizontal portion, there shall be a series of straight upright lines, as will be evident when consulting G and in the twill portion a series of horizontal lines developed according to F.

The following gradation in shades or colours will be effectually

1 thread black, 2 threads dark, 3 threads medium dark, 4 threads light, 5 threads.

To be applied in both warp and weft. The following colouring will also prove effective for a dark pattern

1 thread black, 2 threads dark, 3 threads medium dark, 4 threads light, 5 threads medium dark green.

If the effect produced in B is used, endeavours should be made to make the pattern attractive and less raw by beautiful colour combinations. We are undecided as to the opinion that there is yet much to be done in this direction. Powerful contrasts and effects have so far been the

[To be continued]
distinguishing characteristics of Scotch tweeds, but the tendency of the times will probably now require more sober contrasts and delicate blending of colours than have as yet been called into requisition.

WORSTEDS.

Design 58 is furnished for a fine light summer coating. Made in various shades of grey it will yield a pleasing pattern, and also in the various light colours which are required in such cloths. The following set should be used:

Warp
All 260's worsted
10's worsted
50 picks per inch.

From the Boston Journal of Commerce we have reproduced Design 59 and 60 as excellent examples of modifications of the corkscrew weave so commonly used. In Design 59 a twill effect is introduced, while in Design 60 a check effect is obtained. From these many more effects will be suggested, which will, undoubtedly, prove useful patterns. The ordinary corkscrew set should be used.

COTTON SHIRING.

No. 1 design is on six shafts, thirty end draft, twenty to the round 44 reed, Stockport count, two and three in a dent; by referring to the draft plan it will be seen where the three in a dent appears. A very effective and good shirting cloth may be made from 21 s twist, 10's cop weft, 32 picks per inch; warp dark blue, or any other dark shade. This design would also be useful for ladies' morning wrappers during the summer, the warp being of a light buff, and the weft 40's linen. The size of the figure will depend greatly on the grit of warp and weft, ends and picks per inch; but there is ample room for producing variety of pattern by colours and checking with two or more shuttles.