THE TEXTILE MERCURY.

Designing.

COTTON STRIPES, PLAIDS, ETC.

Design A is arranged for fancy stripes, suitable as shirting, dress goods, or coverings. The warp is a 26s cotton, 3 in a dent, 30 dent per inch, 60 picks per inch of 30s cotton wale. These particulars will give a dress finish. The weft is a 30s cotton wale. 60 dent per inch, 60 picks per inch. For shadings, 26s cotton warp, 3 in a dent, 24 dent per inch, 42 picks per inch. For shootings, 24s cotton warp, 3 in a dent, 24 dent per inch; weft 12s, all cotton, 48 picks per inch.

Pattern No. 1: Warp, 24 dark blue, on 1, 2, 3, 4, 5, 6 shafts; 24 very light cream on 5, 6, 7, 8, 9, 10, 11, 12 shafts; 12 black, on 9, 10, 11 shafts; 12 light blue, on 9, 10, 11 shafts.

Pattern No. 2: Warp, 24 dark blue, on 1, 2, 3, 4, 5, 6 shafts; 24 very light cream on 5, 6, 7, 8, 9, 10, 11, 12 shafts; 12 light blue, on 9, 10, 11 shafts; 12 light brown on 9, 10, 11 shafts, and repeat from 24 dark cream; well all dark cream. Pattern No. 3: Warp, 24 dark blue, on 1, 2, 3, 4, 5, 6 shafts; 24 very light cream on 5, 6, 7, 8, 9, 10, 11, 12 shafts; 12 light blue, on 9, 10, 11 shafts; 12 light brown on 9, 10, 11 shafts, and repeat from 24 dark cream; well all dark cream. Pattern No. 4: Warp, 24 dark blue, on 1, 2, 3, 4, 5, 6 shafts; 24 very light cream on 5, 6, 7, 8, 9, 10, 11, 12 shafts; 12 light blue, on 9, 10, 11 shafts; 12 light brown on 9, 10, 11 shafts, and repeat from 24 dark cream; well all dark cream. Pattern No. 5: Warp, 24 dark blue, on 1, 2, 3, 4, 5, 6 shafts; 24 very light cream on 5, 6, 7, 8, 9, 10, 11, 12 shafts; 12 light blue, on 9, 10, 11 shafts; 12 light brown on 9, 10, 11 shafts, and repeat from 24 dark cream; well all dark cream.

Prior to the sale of the stock of the Alexander Smith Carpet Company, referred to as the largest in the world at the best price in the world, an anonymous advertisement was issued. The firm was the largest in the world at the best price in the world. The advertisement was issued in the best price in the world. The anonymous advertisement was issued in the best price in the world.

The imports of Bradford goods are said to be swelling the figures below those of domestic markets, and the standard price ranging from 7s. 6d. to 8s. 3d.

The imports of English worsteds for the month of December, 1893, aggregated 17,442 pieces, as against 7,545 pieces in the same month, 1893, and 1,459 pieces in 1893.

The imports consist almost wholly of spring weights.

A new white silk spinning mill was opened in Yokohama last month. The company has been formed with a capital of 125,000,000 yen to improve silk spinning in Japan.

The Australian Wool Race.—On Tuesday the Associated Shipping Press reported that the Calcutta, Captain Bennet, an iron ship of 1,417 tons, owned by Messrs. A. Niel and Co., of Aberdeen, had arrived off Coromandel, bringing the first consignment of the season of the Australian wool clip to the Thames. The Calcutta sailed from Sydney on October 20th with 4,616 bales of South Wales wool, and she has made the passage in eighty-five days. The Sydney, Captain Phillips, an iron ship of 1,079 tons, owned by Messrs. George Thompson and Co., of London and Aberdeen, which left Melbourne on October 27th, was sighted in the Isle of Wight at 9 a.m. on Monday. She brings 5,036 tons of wool, and has made the passage in eighty-five days. There has been a good deal of speculation as to the arrival of the first consignment of wool from the New South Wales wool, and some heavy losses of money in wool exchanges on Monday.

FIGURE A.

DESIGN A: STRIPED, PLAIN IN COLOURS. CLUBS.

DESIGN A: DRAFT.
although it is convenient it would add to the beauty of the checkings.

The Fourth Pattern: 144 dark purple, 12 red, 144 dark purple, 12 white, 96 dark purple, 12 white, and repeat from the first " 144 dark purple."

Weft pattern the same. A yellow might be used for the checkings.

Fifth Pattern: 96 light cream, 12 marine blue, 96 light cream, 12 shrimp or coral. Weft pattern the same.

Sixth Pattern: 96 light silver, 6 drab, 6 light silver, 6 drab, 6 light silver, 6 drab, 6 light silver, 6 drab, 6 light silver, 12 rose, and repeat from first " 96 light silver." Weft pattern the same.

Seventh Pattern: 96 dark blue, 6 white, 96 dark blue, 6 white, 96 dark blue, 96 orange, 96 dark blue, 6 orange, 96 dark blue, 6 green, 96 dark blue, 6 green, and repeat from first " 96 dark blue." The weft pattern the same.

These seven plaid patterns on six shafts will give some idea of the particular class of crossings which will be favourably received by the public for spring fabrics in cotton. All would require a good clear beetlet finish, and may be made 43 inches wide out of the loom, or after the finishing process.

FIGURED DRESS FABRIC.

Figure 1 is a suggestion for figuring a worsted or silk dress fabric. One method of development is shown in Design 7, which to the following particulars will yield a very effective cloth:

Warp. 12/100's finest cotton, 24's worsted.

Weft. All 40's dark red silk, 96 picks per inch.

Mohair may be substituted for the silk, and worsted for the cotton warp, under which circumstances it will be found advisable to use a considerably coarser warp, sett opener, say, 32 ends and 38 picks per inch. All 32's wool. 75-80 yards per yard.

It should be noted that in the design the double plain weave is used on the solid black broad leaves. If it be desirable to introduce two colours in the weft we should advise a closer sett, say, 20 to 22 ends per inch of a finer cotton or silk yarn, and an extension of the design to double the number of ends and picks, that is for a 600 instead of a 300 machine, for which Design 7 is worked out.

There will be no need for an extra warp under these circumstances, while we should advise as one of the wefts a tussle yarn to form the fill dot and check effect which forms the ground work upon which the flowers and leaves are thrown. An additional value will be added to the design by shortening some of the flowers, since the flat view here presented indicates too clearly the limitations of application.

DESIGN 7.