Designing.

NEW DESIGNS.

FIGURED MANTLE CLOTH.

Design 28 is a species of figure which lends itself to various forms of development, consisting of bold, large surface effects. Structural modifications will yield the best results, though as developed here a good effect will be produced with the following plan:

**Warp.**
- 1 pick 20 s. woolen (interweaving plain),
- 1 pick 60 s. woolen (for ground)
- 36 picks of ground per inch

**Wyft.**
- 1 pick 15 s. worsted (for ground),
- 1 pick 60 s. black or slate silk (for figure),
- 15 s. red 2 s.

The figure, to be developed in silk, is developed in cross type. If a brighter effect than the above is required the warp and weft may vary in colour, preferably approaching complementsaries, while the silk also may be brightened. It will, however, be found that a slight variation in the coloured yarns produces a marked variation in the cloth.

Probably the best result will be obtained as a matelasé made to the following particulars:

**Warp.**
- All 2/40 s. red or black wool
- 18 s. red 2 s.

**Wyft.**
- 1 pick 20 s. woolen (interweaving plain),
- 1 pick 60 s. woolen (for figure),
- 36 picks of ground per inch

Design 28
Under these circumstances the figure in cross type might be developed as far as possible in solid flush, the ground as Plus A, and the figure developed in solid type as Plus B. The maximum of flush allowed should be about eight.

We need scarcely add that if this design be developed for a larger machine a more efficient rendering of the detail, upon which much depends, will materially increase its value.

NEW DESIGN FOR DRESS GOODS, ETC.

We are now nearing the season when no small perplexity is experienced in the choice of suitable materials for dress goods; there is such a bewildering number of shades and tints that a decision is almost impossible. Brown is likely to become a fashionable colour, although it is rather trying to the eye, and if nothing can be done to compensate for this it can be worn in many varieties of shade; it blends charmingly with marigold, soft pink shades, palest blue, and other colours, and lends itself quite to a marvellous number of combinations, which are at once beautiful and useful. The new pink almost verges upon the old-fashioned magenta; a little of it goes a long way and requires to be most judiciously mixed with other shades. Royal blue is coming into favour, and deep purple has made its reappearance. Among newer shades are a beautiful violet, a very pale stone colour, a brilliant turquoise, an exquisite delicate grey, and lemon of a pure, clear tint. The new greens approach blue tints as near as possible. Bright Spanish yellow is combined with black in many of the leading costumes.

We give this week a novel and unique design for dress goods, vestings, etc., complete and ready to the round. An equal number of warp ends will be seen by the draft to be on each shaft—a very desirable advantage in drawing the warp through the healds, especially in intricate drafts. A very close-set reed will be necessary to give this design all effect; we suggest a 30 reed, four in a dent, with 20's twist for warp, and 48 picks per inch of 16's felt. These particulars would make a good fabric. For a dress fabric the reed may be a 20, four in a dent, with 20's twist for warp, and 60 picks per inch of 16's felt. Of course, these particulars, in both instances, are only given as a sort of guide, which may be varied according to fancy or circumstances; for instance, three or four shafts may be used in place of cotton; or the warp may be all spun silk and worsted cotton, which would produce a very charming effect; warp pattern one of brown, on which everything is throughout, is what is called end and weft; one shuttle black; variations in warp may be—blue and white, end and end; well, dark brown; warp, violet and light slate, end and end; well, dark brown; warp, pink and light slate, end and end; well, dark brown; warp, light green and light white, end and end; well, black; warp, lemon and light cream, end and end; well, black; warp, turquoise and light cream, end and end; well, black. The design will readily lend itself to any combination of colour and material. We believe it will be found a useful addition to the cotton or silk fabrics which will shortly claim the attention of the public.

COLOURED FANCIES. Coloured fancies: 64 ends per inch of 32's single twist for the ground, unbleached, 32's two-fold yarns for the stripes, 64 picks per inch of 32's single cop weft. Warp pattern: 60 grey unbleached on 1, 2, 3, 4, then 4 dark blue two-fold on 5, 6 shafts; 12 grey unbleached on 1, 2, 3, 4, 5, 6 shafts; 4 bleached white two-fold on 5, 6 shafts; 12 grey unbleached on 1, 2, 3, 4, 5, 6 shafts; well all grey unbleached cop. The two-fold yarns must be on a second beam, as will be seen by the pegging plan, which we have numbered in draft and treads. The double yarns are all on the 5th and 6th shafts; the ground or unbleached single yarn is on the 1, 2, 3, 4. With this explanation we are better enabled to save space and at the same time give a few more warp patterns; all being two in a dent throughout the reed.

80 grey unbleached, 4 bleached white two-fold. 12 grey unbleached, 4 red. 12 red. 12 dark blue. 12 red. 12 dark blue. 12 white. 12 bleached white. Weft all grey cop. Another example 20. 40 blue shaded grey, 4 deep purple two-fold. 10 bleached white two-fold. 10 bleached white two-fold. 10 bleached white two-fold. 10 bleached white two-fold. Many sizes and stripes may be formed and different colour combinations introduced with advantage. We have given those most likely to be of use in practice. They can be made by ordinary looms in a very economical way.

PATTERN FOR DRESS GOODS.

DRAFT FOR NEW DESIGN DRESS GOODS.