Designing.

NEW DESIGNS.

WOOLENS AND WORSTEDS.

In Design 49 is given a simple but effective combination of two-and-two twill and hopsack. Recognising the capabilities of these two makes for producing firm, well-balanced structures, we have not over fire of colouring such combinations as Design 49 to various classes of goods; hence we propose giving a few ideas respecting the application of this effect. If the design be drawn out in lines on squared paper, it will consist of two squares combined diagonally: one developed in twills, which form cuts from corner to corner of the square; the other in hopsack. The whole effect may be produced on 26 shafts as shewn in the draft, but if possible it will be found expedient to develop much larger, thus giving the opportunity for applying broader colouring.

The following is a suggestion in colouring for a medium cloth.

Weft: 10 ends per inch.

Warp: 1. 12 threads 12 s.k. olive sage mixture. 2. 12 threads bright medium blue and sage mixture. 3. 12 threads medium blue and white. 4. 12 threads medium green and sage mixture. 5. 12 threads olive sage mixture.

Wools: 30 picks per inch.

Design 49 may also come out well as a medium-weight dress cloth or either as a face woolen or worsted yarn. A novel effect may be produced by warping and wefting one-and-one or four-and-four, under which conditions an indistinct colour effect may also be had. The following will prove effective:

Warp: 4 threads 36 s.k. olive, 2 French grey woolen. 10's reed 4's.

Weft: Same as warp, 60 picks per inch.

As a fine worsted either colour and weave effects may be produced as above, or colouring applied to the design, irrespective of these weaves combined.

Warp: All 5/20's worsted; 15's reed 4's.

Weft: All 30's worsted; 60 ends per inch.

We need scarcely mention that the best results are obtained when the fabric is used in contrasting with solid colour in the warp rib section, which will produce useful results along with the following effect:

DESIGN 50.

DESIGN FOR DRESS GOODS, ETC.

No. 1.—Figures similar to that shewn in this design are becoming popular in all fabrics for clothing purposes. The ingenuity of the manufacturer and designer is strained and bent in every direction with a view of discovering new weave, or combination of weaves, that will produce a novelty. The design here given can easily be produced in any material by using a proper proportion of warp and weft. Beige dress goods may be made from the following particulars:—60's linen for warp; dark shades, say black, dark blues, dark browns, maroon, chocolate, dark drabs, and dark cardinal; weft: 40's linen, white, or any light tint that will give with the ground of the warp a simultaneous contrast; that is, a ground of dark blue with very light straw or maize; blue and bright scarlet; dark green, or myrtle yellow, and such a mixture may be indicated. The best results that can possibly be developed are from the following grounds:

Green ground, wefts: red, rose, pinks of all shades, and white.

Dark orange ground, wefts: blue, purple, violet, and brown.

Brown ground, wefts: any light tint will be appropriate.

The grounds may be reversed by having the warp all light and the weft dark. There is very facility for combination and variety, which is now highly necessary in the constant demand for change. We give the pegging plan to the round, although we suggest the point or point V draft, but it is inconvenient so far as having a want on the balance in the healds. This may be seen by reference to the plan, where two is observed on the front shaft, and three each on all the others, except No. 3 back, which has only two. Now in No. 1 draft plan, this is avoided by giving three alike all through. These drafts may be extended for any width, or for stripes, or all-over pattern, or a straight draft may be utilised. The diagonal is, in fact, equally adaptable in any direction, and no risk is involved, provided, as we have already intimated, that the yarns are in proper counts and quantities for the various makes intended. We suggest for the linen dressed mentioned: 72 ends per inch, 72 picks. For shirtings: 60 reed two in a dent, 30's linen, 60 to 72 picks, loosely twisted cop weft. In velvets, mantles, and ladies' blouses or jackets:
We merely give these particulars as a guide, because the different qualities indicated will necessarily entail different proportions of twist of yarn, etc. The productions may be woven all grey and well bleached, or piece-dyed to any shade. Beyond all that may be said for good materials used in this fabric or make, the finish is most desirable and must be carefully executed; lustre is not so much required for the sale of this class of goods, as softness, cleanliness, and a smooth face. Wool at all times must be coarser than the warp, because the web gives the chief effect.

No. 1 Design for Dress Goods, etc.

Pegging Plan for No. 1 Design.

No. 2 Draft for No. 1 Design.