Designing.

NEW DESIGNS.

COTTON DRESS FABRICS.

Design 16 is for this class of material. Last week we gave an example of a double plain cotton red woolen dress fabric, and here again the same principles have been used, the effect produced being very different. The warp should be as follows:

Warp.
1 thread tan.
1/2 thread red and white twist.
2 threads tan.
Wp f.

Same as warp.

If the sections in solid type be carefully examined it will be seen that in one corner of each the red and white threads are always on the face, while the yellow and other parts of each section these threads run at the back. In sections A the red and white threads interweave in plain order with their picks, at the same time that the tan threads interweave in plain order with the tan picks; while in sections B the tan threads along with the red and white threads form the 4 end twill ground. An endless variety of patterns developed on the same principle can be created by this design, for example, any different form might be given to the figure formed by the red and white threads and plain white sateen substitute may be figured with weaves, or with flashes of warp and weft, and thus a distinctly different pattern formed.

COATINGS AND TROUSSEURS.

The double plain weaves are exceedingly useful weaves to use either for woolen or woollies. Design 17 shows the simplest method of using this system.

Design 18 is the double plain used in conjunction with warp and weft picks, thus the inside portion could be formed of worsted twisted with silk, and the outside or ribbed section of plain dark blue, brown, olive, or black.

Design 19 is a check formed by two overshot effects. The following is a suitable set:

Warp.
All 2/24's worsted, 15's twist 4 ply.
Wp f.

This is a method of figuring extensively utilized by Leo Tevis, and certainly it is well worthy of better attention than it obtains at present.

An inquiry among the leading manufacturers of cotton in New York has revealed in the opinion that the attempt to substitute cotton cloth for silk bagging as a covering for the raw cotton bales is a failure.