

HOSIERY	161 20 124 00
LACE and GUILPURE	Same as cotton.
HANDKERCHIEFS, embroidered, and other LINENS EMBROIDERIES	Same as other embroidery goods.
JUTE TISSUES—	Gen. Tariff. Min.
UNBLEACHED, and having in the warp and weft in the space of 5 square centimetres after division of the total by two up to 15 threads,	Frs. Cts. Frs. Cts.
100 kilos.	19 50 15 00
Having from 16 to 25 threads	24 70 19 00
Having from 26 to 35 threads	31 20 24 00
Having from 36 to 45 threads	41 60 32 00
Having more than 45 threads	48 10 37 00
The same, but BLEACHED or DYED	The same duties as per unbleached tissues, increased by 7 fr. 80c. per 100 kilos. for the general tariff, and by 6 fr. per 100 kilos. for the minimum tariff.
PRINTS,	Do.
Mixed materials in which the jute predominates in weight.	Same duties as for tissues of pure jute.
JUTE SACKS	The duties on jute tissues increased by 13 per cent. for tariff general and 10 per cent. for the minimum tariff.
REELLED JUTE, per 100 kilogrammes	21 45 16 50
JUTE ROVE for shoes	26 00 20 00
JUTE CARPETS, short or long nap, unbleached	26 00 20 00
JUTE CARPETS, short or long nap, bleached or dyed	33 80 26 00
JUTE CARPETS, short or long nap, printed	41 60 32 00
VELVET and DRUGGETING for furniture, unbleached	84 50 60 00
VELVET and DRUGGETING for furniture, bleached, dyed, or printed	104 00 80 00

(To be continued.)

As one of the first results of the passage of the McKinley Tariff Bill the prospectus is issued in New York by Messrs. August Belmont & Co. and Messrs. Vermilye & Co., of the National Cordage Company, for the importation of hemp and the manufacture and sale of cordage. It is proposed to own and control fifteen of the principal manufacturing concerns in the country, the parent Company furnishing the raw material and the factories being under contract for long terms to manufacture the goods. The common stock is \$15,000,000.

## Designing.

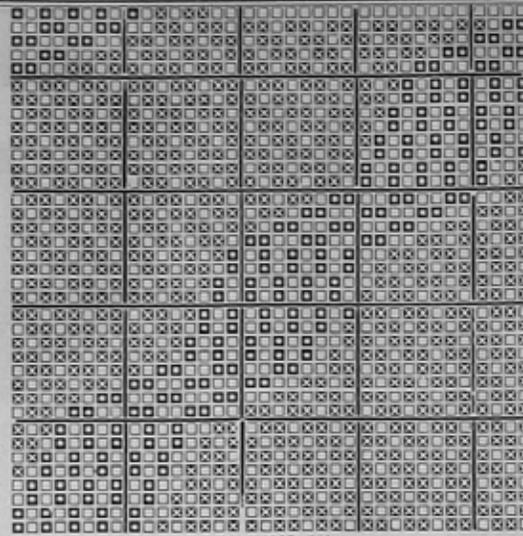
### NEW DESIGNS.

#### FIGURED DRESS OR MANTLE CLOTHS.

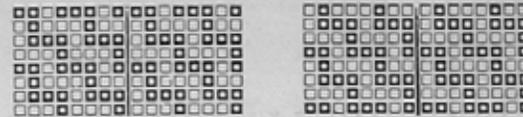
*Design 193*, given in last week's issue, shall first claim attention. The idea is to develop indefinitely the ground figure of the fabric by means of weave, and then over this to introduce a more pronounced figure developed in extra material—either silk, mohair, or some lustrous material. Further, this more pronounced figure should be made to stand out from the ground cloth as much as possible, which is accomplished by allowing the extra figuring weft to float rather a long way, though this must, of course, be limited by the sett. This may also be further insured by selecting material for the figuring weft, which will not shrink as much as the ground materials, though great care is necessary here, since this property often results in much trouble in the finishing, pieces sometimes being completely spoilt from carelessness. The weave for the ground figure which we have inserted is a fine upright-twill effect, while the ground of the fabric is composed of a 6-and-2 twill, which, in a fairly fine sett, will give sufficient character and boldness to the ground, at the same time contrasting quite powerfully enough with the upright twill in the ground figure. The following sett will be found suitable for a fairly light mantle cloth:—

Warp.	Weft.
2/40's worsted	20's worsted
19's reed 4's.	76 ground picks per inch.

All black, both warp and wefts, will prove very effective. Another effective system of development will be to use a fairly lustrous worsted ground and develop the extra figure with dull, non-lustrous woollen yarn, or better still with a slightly twisted condensed yarn.

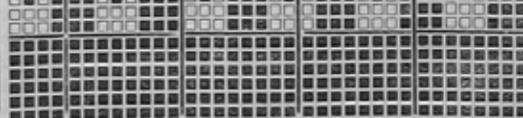
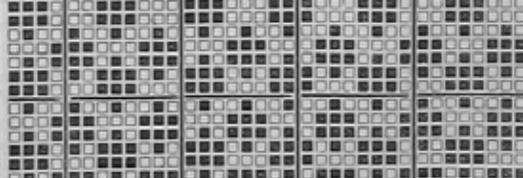
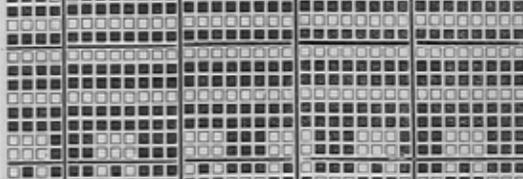
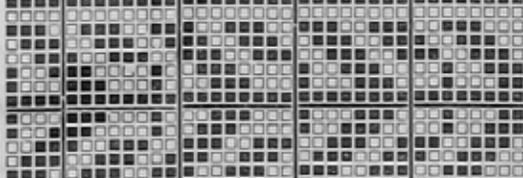
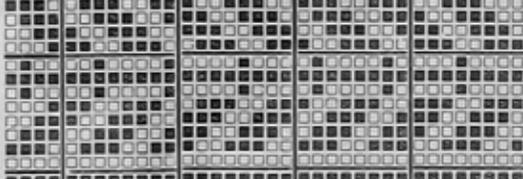
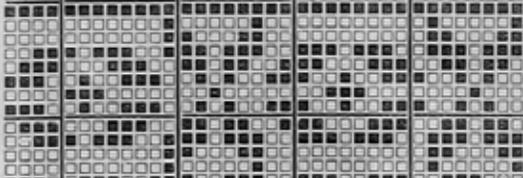
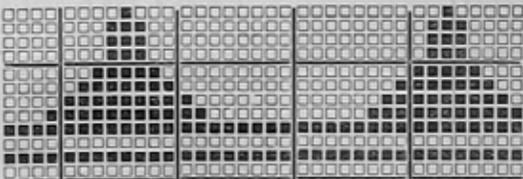


DESIGN 189.



DESIGN 194.

DESIGN 195.



DHOOTIE BORDER.

Again, if a brighter cloth is required, a good effect may be obtained by shading the warp for the ground texture with black, grey, and white, and inserting black or white lustre yarns for the extra figure or a neutral green grey; yellow or red grey will prove very effective. Mixture yarns may also be used with good effect.

Another system of developing this effect is demonstrated in *Designs 194* and *195*, which is often found in silks, etc., though but rarely, save in a modified form, in worsteds. It will be observed that the two designs are simply double plains, but the warping and wefting are what cause the modification here. The warp should be all white or solid colour, and then the piece should be wefted, 1 pick, say, grey, and 1 pick black. Now if it is desirable to form the ground texture black and the ground figure grey, the grey is sent to the back, save where the ground figure comes, when the black and grey weft change places. On referring to *Design 194* it will be observed that if the weft be 1 pick grey, 1 pick black, 1 pick grey, 1 pick black, etc., then the grey will go to the back and the black form the ground in the first design, whereas in the second these positions will be reversed, the grey coming to the surface and the black going underneath.

The designer has thus at command an effective and novel method of shading, which may be rendered still more complete by warping one-and-one similar to the wefting.

This method, we are confident, will answer exceedingly well in mantle cloths even with the coarser yarns, and in dress cloths with finer yarns.

An idea for a novel effect is given in *Design 196*, a fancy twill of an irregular form being here produced by means of a combination of 2-and-1 twill as ground and 2-and-2 warp and weft rib for the broad twill effect. The following sett is suitable for light dress materials:—

Warp.	Weft.
30's white worsted.	30's white worsted.
16 reed 4's.	60 picks per inch.

Marks in this case must be taken to mean warp. Very effective cloths possessing twill characteristics similar to this may be made with cotton warp and worsted or woollen weft, but, of course, suitable weft-face weaves must be used.

In making fancy dress goods *Design 196* may prove very useful as a figured ground. It may also prove useful for worsted coatings in a modified form.

#### DHOOTIE BORDER.

This design is an Indian Dhootie border. These cloths vary from 22 to 50 inches in width, and in the length from 2 yards the smaller, to 4½ and 5 yards the larger. The figures at the bottom of the design are given as a guide to the colouring material. The entire ground, or all the light type, is cream or yellow white; No. 1: a grass green, but very light; 2: chocolate; 3: a light purple; 4: bright red; 5, Kutar edge: blue. The centre is grey or unbleached, 40's warp and weft; 40 ends and 40 picks per inch.

The colours may be arranged in many other ways, but not to any great extent. A sample which we have seen from Bombay has a coral ground (or wherever the light type occurs in this design); No. 1 would still remain green, but of a darker shade; No. 2 blue; No. 3 a dark purple; No. 4 dark maroon, and No. 5, the Kutar edge, dark lilac.