

NOVELTIES IN DRESS GOODS FROM ABROAD.

Top Coat. (Piece Dye.)

Warp: 5488 ends, 2/72's worsted, in the grey.
Weave: see **Fig. 1**; Repeat 13 warp-threads and 26 picks; 13-harness straight draw.
Reed: 24½ with 4 ends per dent = 56" width of fabric, exclusive selvage, in reed.
Filling: 78 picks per inch, 48's worsted, in the grey.
Finish: Scour well, singe, dye in piece reseda-green, wash, dry and clear face on shear; 52" finished width.



Fig. 1



Fig. 2

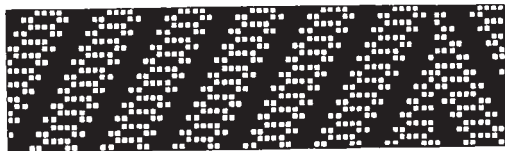


Fig. 3



Fig. 4

Fancy Dress Goods.

(Black and White Check.)

Warp: 4800 ends.
Dress: 10 sections, each containing 20 patterns @ 24 ends, or 480 ends total.
Weave: see **Fig. 2**; Repeat 16-harness and 16 picks; 16-harness straight draw.
Arrangement of Warp:
 12 ends 2/70's worsted, white, bleached.
 12 ends 2/70's worsted, black.
 —
 24 ends, repeat of pattern.
Reed: 21½ with 4 ends per dent = 55¾" width of fabric, exclusive selvage, in reed.
Filling: 72 picks per inch, arranged thus:
 12 picks 2/70's worsted, white, bleached.
 12 picks 2/70's worsted, black.
 —
 24 picks, repeat of pattern.
Finish: Scour well, clear face on shear, 52" finished width.

Corded Diagonal Dress Goods.

(Piece Dye—Broken Steep Twill Effect.)

Warp: 5500 ends, 2/60's worsted, in the grey.
Weave: see **Fig. 3**; Repeat 70 warp-threads and 20 picks; 10-harness fancy draw.
Filling: 78 picks per inch, 48's worsted, in the grey.

Finish: Scour well, singe, dye in the piece Navy blue, wash, dry and clear face on shear; 52" finished width.

Stripe Effect Dress Goods.

(Salt and Pepper Combination—Diagonal Effect.)

Warp: 6000 ends, 2/64's worsted, silvergray and darkgray twist.
Weave: see **Fig. 4**; Repeat 88 warp-threads and 22 picks; 22-harness fancy draw.
Filling: 70 picks per inch, 2/60's worsted, black.
Finish: Scour well, clear face on shear; 52" wide.

JACQUARD HARNES MOUNTING.

(Continued from page 117.)

Warping the Harness Twines.

This process is simple and is frequently performed as follows: Figs. 9 and 10 show respectively an elevation and a plan of the chief details which facilitate the operation. *A* is an extension of the table shown at Fig. 7. *K* and *K'* are smooth and flat pieces of hard wood fastened to the table *A*, but a slot in the table admits of a free and extended or contracted distance between *K* and *K'* to suit the length of twine *L* required. *M* is a warper's small bank constructed to hold ten spools or bobbins *N*.

The harness twine *L* may be taken from one or more spools *N* to suit the number of twines which have to be attached to each tug cord. When only one harness twine is required to be attached to each tug cord the warper might use one or any odd number of threads and warp in the usual manner until the full complement of twines have been warped. A lease cord is then passed through the divisions formed by the rods *K* and *K'*. The twines *L* are afterwards cut at both ends *K* and *K'*, but a cord is previously tied around one or both to prevent subsequent *tossing*.

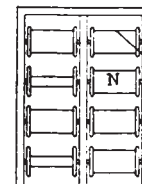


Fig. 9

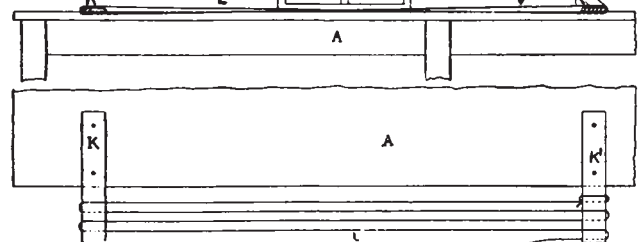


Fig. 10

When two harness twines are required for each tug, the warped twine is only cut at the end *K'*. If, owing to the different angles they have to form in the subsequent mounting, one twine must be longer than another, *i. e.*, in a cross border, on a wide loom, then the cords are cut in one or other position near *K'* as indicated by the arrows *O*.