NOVELTIES IN DRESS GOODS FROM ABROAD.

Top Coat.  (Piece Dye.)
Warp:  5488 ends, 2/72's worsted, in the grey.
Wcave: 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 sheer; 52"
finished width.

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

Stripe Effect Dress Goods.
(Salt and Pepper Combination—Diagonal Effect.)
Warp:  6000 ends, 2/64's worsted, silvergray and
darkgray twist.
Wcave: 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 sheer; 52" wide.

JACQUARD HARNESS 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 facili-
tate 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 subse-
dquent mounting, one twine must be longer than an-
other, 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.