residences of the weavers extended over a much wider area than might be imagined. Houghly wider area than might be imagined. Houghly speaking, a line drawn along it was a constructed and expert and the stream of the stream of

Bleaching, Dyeing, Printing, etc.

NOTES OF THE MONTH.

Horn's process for producing a white discharge on aniline black dyed goods can hardly be considered satisfactory; he uses as the discharge caustic sods, and prints this on, and then ages the goods for some days; in these days of quick production this latter is a serious defect which will be a bar against the process ever coming into very general use on a large scale. Perchloride of tin is now very much used for weighting slik, especially for light fancy colours. A writer on silk dyeing in a recent issue of the Dyer and Catico Prueter states that it is necessary that samples of perchloride of tin used for such purposes should be free from the stannous or protochloride; because the latter has a great reducing action on many coal tarcolours. He gives as a test for its presence to dilute the sample with water and add a little starch solution coloured with iodine; the blue colour of the iodide of starch should not be destroyed when mixed with the tin solution.

A French inventor has taken out a patent for a process of dyeing aniline black on cotton, the novelty of which consists in first dyeing the cotton with congo, benzopurpurine or other red of the same class of colours and then treating in the usual way for the production of sniline black. He speaks of the black as being very line, ungreenable; and does not require so much of the nailline black to produce good results. We have some slight recollection of seing this unthod of dyeing aniline black cases the shorter of in ya davatage in it it is not easy to say, but we have some doubts on the matter.

Designing.

NEW DESIGNS.

CARRIAGE RUGS.

Last week two designs were given for pro-ducing figured goods of this description, and we now, according to promise, proceed to explain this principle of weaving. Design 20 is for this class of work; only part of the design is given-here, but the full effect will readily be produced

from this, the full design occupying 64 ths. and 128 pks. The cloth should be made to the following particulars as given last week, viz:—

Warp.

2/40's grey cotton, 12's red 2's.

1 pick 6 ak woollen for figure.

1 " " for ground.

48 picks on the inch.

On the design being closely examined it will be found to be in reality what may best be described as a double weft effect, further, each weft assists in forming both figure and ground, if such terms may be applied to this class of goods, for if the other side of the fabric be now examined, the same figure will be found developed, but the pick of weft which forms the figure on one side forms the ground on the other, so that these are really reversible cloths. As the cloth appears in the loom, little idea of the ultimate beauty appears; we have only a hard, bare, ungenial piece of stuff, the real beauty being developed in the finishing process; thus the cloths should be raised till almost a plush like appearance is imparted; this softens down and runs the colours one into the other, giving not only a mellow handle, but a soit and beautiful blend of the colours, which must, of course, be applied with this idea. The designs for this type of cloth may be scroll, floral, or geometrical, but it must be remembered that across each section of the cloth we are limited to two colours weft way and additional colours for the beadings, &c., which are generally introduced, being introduced to the exclusion of those already in the fabric. Notwithstanding this limitation of colour, some exceedingly beautiful effects are obtained by a small all-over effect in the design, and the introduction of suitable shades of colour in stripe form.

Since these cloths are made with twice as many picks as threads per inch, in order to produce the figure aquare, twice as many picks as threads per inch, in order to produce the figure aquare, twice as many picks as threads and picks of a thin yarn, say 16 sk. to one of, say, 7 ak, the two cloths changing places of abrics produced in this splendidly equipped institution.

Design is also intended for this class of eloth. It is practically a double plain; two threads and picks of a thin yarn, say 16 sk. to one of, say, 7 ak, the two cloths changing places for the production of the figure.

Perhaps

WORSTED TROUSERING.

WORSTED TROUSERING.

Design 25 is a striped worsted trousering.

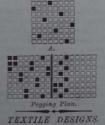
Fine yarn and a fine sett should be employed;

care should be taken, however, to obtain as good

a rib effect as is compatible with a good effect
in the buckskin and other warp face effect.

To produce a heavier cloth a warp back tied
as far as possible according to A might be
used, or both warp and weft might be used

coording to requirements.



Daipy 5.	
Design 26.	
Design 28.	

Draft for Design 28.