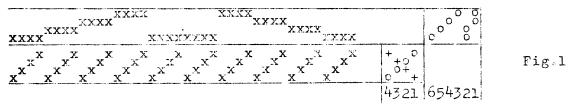
What with the Index and the long article about Chenille rugs in this issue, we have only one page left for the Draw-Loom. Still, it is enough to try another experiment, that is to use our 8-shaft loom with long-eye heddles on the first four shafts as a real Draw-Loom.

We can try any four-block Damask pattern. The first four shafts are threaded as usual, that is 1234, or 4321, and the remaining shafts straight from the profile of the selected pattern. Fig.l shows an example. The heddles on shafts 5 to 8 carry 4 warp ends each.



The right hand side of the tie-up weaves the pattern. It has 6 treadles which can be used singly or in combinations. The shafts are either sunk or raised. The left hand part of the tie-up with 4 treadles weaves the ground and each shaft is either sunk ("o"), raised ("+"), or neutral (empty space). We explained how this is done in the last article.

When we weave the ground without using the pattern tie-up, all pattern shafts are either sunk or raised (depending on the loom). That is the ground is woven in either 1:3 or 3:1 broken twill if the treadling is 1324, or in biased twill if the treadling is 1234.

We keep the ground treadling all through. When we start the pattern we must press the pattern treadles at the same time as the ground, that is the right foot stays on a pattern treadle for the length of one block of pattern, when the left foot weaves the ground. The pattern tie-up can be changed according to the pattern and to the number of treadles.

Use only very elastic warp (positively no linen, ramie etc.). Even so there will be trouble with clearing the sheds. Beat twice, and use high tension.

This is an excellent introduction to draw-loom weaving, because here we shall face all difficulties present in a lesser degree in a better constructed draw-loom.
