PROJECTS IN SATIN.

In the last issue of the Master Weaver we have discussed the theory of Satins. Now we shall describe two practical applications.

1-st Project. A traditional scarf in Sateen.

Warp: 10/2 mercerized cotton, black. Sett: 24 ends per inch, reed no.12; 2 ends per dent. Width of warp: 15½". Total No. of ends: 374. Threading draft:

```
4x  35x  4x  54321
```

1-st tie-up

```
1  0  0  0
2  0  0  0
3  0  0  0
4  0  0  0
```

2-nd tie-up

Weft: 10/2 rayon, loose twist, black, green, rust, old gold. If available silk of the same count (4,200 yds/1b) may be used. Treading with the 1-st tie-up is: 1,2,3,4,5; and with the 2-nd: 1,5,2,4,3. The latter is more convenient for weavers who are used to alternate their feet when weaving, but it is not perfect either.


2-nd Project. Experimental 3D fabric.

Warp: 20/2 cotton, ecru, or ivory. Sett: 36 ends per inch. Reel No.12; 3 ends per dent. Width of warp: 24". Total No. of ends: 864. Threading draft:

```
  x x x x x x x x
  x x x x x x x x
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35x 4x 54321 87654321
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treading: 1,5,2,6,3,7,4,8.

Weft: A - 20/3 merc. cotton, beige; B - very heavy nubby cotton, cream. Experiments should be made with this weft, because the success of our project depends on proper choice of yarn. If nothing suitable can be found, we can make a good substitute by twisting together either on a spinning wheel or a Doubling Stand beige rug filler with a dull metallic, or with yellow mercerized linen.

In weaving alternate A and B in an irregular order. E.g.: AAAABABAAAABAABAAAAABAAAAABAAAAB etc.

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