

# HANDWEAVING NEWS



Figure No.1

Figure No.3

0	6	6	0	0	6
5	0	5	5	0	0
4	4	0	4	4	0
0	3	3	0	3	3
0	0	2	2	0	2
1	0	0	1	1	0
6	5	4	3	2	1
7	8	9	10		

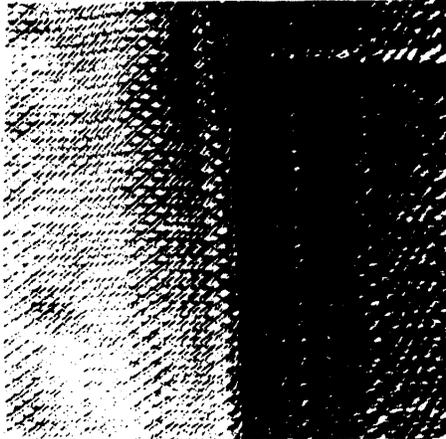


Figure No.2

0	0	0	0	6	6
0	0	0	5	5	0
0	0	4	4	0	0
0	3	3	0	0	0
2	2	0	0	0	0
1	0	0	0	0	1
1	2	3	4	5	6

## SIX HARNESS LOOM PATTERN

First, I wish to give a few announcements concerning the DETROIT HANDWEAVER'S GUILD. It is time to renew your membership now if you wish to receive HANDWEAVING NEWS for 1948. As you know subscriptions for this run from January to January. And the cost is \$3.00 a year. You can fill out the blank on the enclosed sheet if you wish, but do it right away so we can know how many we can plan on for next year. You will receive associate membership cards with the January 1948 issue of Handweaving News.

There are still a few of the Swedish Vavbok's left, at \$2.50, if you did not order a copy. And I have a few copies of a very fine new book, "Monsterblad", also imported from Sweden. There are 3 volumes of this with a great many colored plates. This is \$6.00 for the three volumes. We know you will find this a wonderful book to own, as the illustrations are very beautiful indeed.

Many of you probably have subscriptions to Craft Horizons which expire with the November issue. At our last Guild meeting, it was decided that each person would send in their own subscription this year, direct to American Craftsmen's Educational Council, 485 Madison Ave New York 22, N.Y. Subscription is \$2.00 a year.

The six harness pattern given above was used for two different projects. The one on the right was woven by Marion Brown for upholstery material. And the one on the left by Von Heines, for a light sport jacket. Both were students in my class at Wayne University last spring.

The threading draft is shown at Figure No. 1. The 3 X above each section of the draft means to repeat that part 3 times, to equal 18 warp threads. The next 2X, means to repeat twice, for a total of 20 warp threads and so on for the width of the pattern repeat from A to B or 136 warp threads.

For the selvage, thread 1, 2, 3, 4, 5, 6, with 2 warp threads in each heddle eye, to equal 12 warp threads. Then from A to B, repeat 5X to equal 680 warp threads. For the end B to D thread 1, 6, 5, 4, 3, 2, 1; two threads in each heddle eye to equal 14 warp threads. Thus the total width of the warp is 704 warp threads.

Sley a 12 dent reed with 2 warp threads in each dent. This gives a finished width of about 29" in the reed. Warp used was gold No. 20 mercerized cotton.

Explanation of the tie-ups Figure No. 2 gives the tie-up for the upholstery material on the right. I hope the photograph will be clear enough so you can see how nice this really is.

On this tie-up, we have only two lamms tied to one treadle. The order of using the treadles is given below the double line at the bottom of the tie-up. So we have lamms 1 & 2 tied to Treadle 1 on the left. Lamms 2 & 3 tied to Treadle 2. Lamms 3 & 4 tied to Treadle 3. Lamms 4 & 5 tied to treadle 4. Lamms 5 & 6 to Treadle 5. And lamms 6 & 1 to Treadle 6. The order of weaving is just Treadle 1, 2, 3, 4, 5, 6. Put one shot of weft on each shed.

The O's on the draft represent the empty holes on the treadles. For this is planned for the new six harness folding floor loom which was designed by Mrs. Johnson for Sears Roebuck & CO.

There are many other tie-ups which can be used with this same threading, and of course also many different kinds of weft. In the News for November and December 1945, which many of you have, will be found some of these other tie-ups.

Weft - Use the following, four threads, wound as one weft for this. Silver grey No.5 mercerized cotton; pale yellow-green No.20; light olive green No.5; and slate grey carpet warp. On the gold warp this made a rather nice color scheme. And a good heavy, thick material for upholstery.

At Figure No.3, we have the tie-up for material for a light weight sport jacket. This was woven with white 3 ply sport wool, which is of course rather fine yarn.

On this tie-up draft, we have three lamms tied to one treadle as shown. Again the O's on this tie-up draft are the holes on the treadles. And the figures are the lamms which are tied to the treadle. Note how the order of using the treadles starts at the right hand side. This is given just below the double line at the bottom of the tie-up draft. Thus in this case, we have treadle 1 on the right hand side of the loom. Reading the order of the treadling from the right to the left, we have first treadle 1,2,3,4,5,6. Then the order reverses back to Treadle 2, and we use treadle 5,4,3,2; or the same thing on the draft is 7,8,9, and 10. Then we start with treadle 1 again for the next repeat of the pattern. Use just one shot of weft on each of the pattern sheds given above.

Here we have an example of how very easy it is to do very different kinds of articles on the same warp and threading through the use of a different tie-up, and different weights of weft thread, or several kinds of weft either combined to make one thread of weft, or different kinds of weft used in each pattern shed.

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Here is \$3.00 for my Associate Membership  
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FOR 1948.

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Make checks or money orders payable to  
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## SOME TEXTURE EXPERIMENTS

These 6 harness threadings can be used very effectively for some experiments in textures.

### Warp Variations

Here our aim is to use different kinds and sizes of yarns to see what interesting modern effects we may be able to achieve. And a good way to obtain an interesting experimental sampler is to thread one repeat of the pattern with each warp combination. This would make a sample about 6 inches wide in the reed, and as the pattern repeats 5 times, there would be 5 different combinations you could use. For first keep the color of the warp used to white, cream, or beige, or pale greys. Use a 12 dent reed.

Warp No.1.- Use carpet warp 136 warp threads. Sley first 12 threads 2 in a dent, next 6 every other dent. Repeat until all warp in this is used.

Warp No.2 - Use 73 carpet warp, and 64 mercerized cotton No.20. Thread the twills with the carpet warp, and the rest of the threading with the fine cotton. Put the fine warp on the beam looser than the carpet warp, especially if you make a long warp. Sley the coarse warp one to a dent and the fine, 2 in a dent. Weave with the carpet warp and then with the fine. Try plain weave for several inches then twill, and other 6 harness variations as desired.

Warp No.3.- Use 6 carpet warp, and 6 rayon or nylon thread about the same size.

Warp No.4. Use one carpet warp and one rayon thread for 18 threads for the twills, 4 carpet warp and 4 rayon for each of the other repeats. Sley 2 in a dent and one in a dent or any other manner desired.

Warp No.5. Now try adding a rough thread, put this on harness 1, and rayon and cotton on the other harnesses in any combination desired.

There are many other ways in which these variations could be woven. And also many other ways the warp could be threaded. This is the sort of experimenting which is very valuable. But do not be disappointed if they are not all masterpieces. You can learn what not to do this way as well as what is good to do. We hope you will wish to try some of these.

November 1947