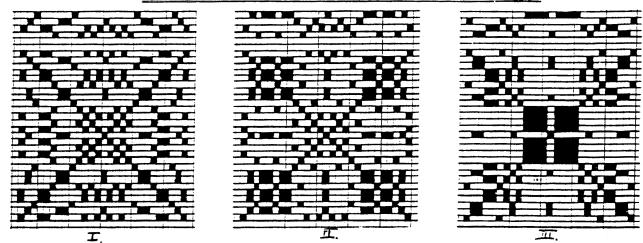
HANDWEAVING NEWS



Designing 4 harness Code Drafts.

In January 1942 and 1943, a method of designing original drafts was given using a code. This has been of much interest to a number of subscribers, and so I am giving more about such drafts in this issue. The above numbers are still available at 45¢ each if anyone wishes to have them, and will help to explain it.

One occupational therapist writes me, that the mental cases which she has had under her care have been particularly fascinated with this. She says that the fact that is is so constructive, and because it can be made a secret between herself and the patient, has made it very valuable. I hope others have found other ways in which it may be used. If so, I would like very much to hear of them.

Codes for the drafting of these patterns may be made up in any fashion which the individual may desire, provided the letters of the alphabet are arranged in four different lines to correspond to the four lines of the four pattern blocks of the loom. The key draft is designed according to the place where the letters of the alphabet occur. By making different arrangments of the letters, different drafts are possible on the same name. The drafts above were written fraom the three codes as given below, and the name of it, "Johnny Got a Zero", designed by Helen Hill.

	Code I.								Code II.									Code III.					
1.	A	E	I	M	Q	Ū	Y	1. A	. I	• (ર	Y	H	P	X	1.	W	D	S	H	0	L	M
2.	В	F	J	N	R	٧	Z	2. C	K	: 5	3 .	В	J	R	Z	2.	X	C	T	G	P	K	N
\$.	C	G	K	0	S	A		≸. E	И	1	J;	D	L	T		3.	Y	В	Ū	F	Ŷ	J	
4.	D	H	L	P	T	I		₿. G	. 0	7	₹ :	P	N	٧		4.	Z	A	A	B	R	I	

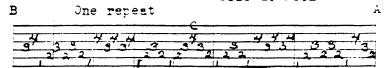
Definitions In order to understand what is meant by some of the terms used, it may be well to explain them. Key Draft is the draft written directly from the code letters, using four different lines of cross section paper. Pattern effect, is the design drawn down below the key draft, each pattern block is squared. Of course the same key draft might be drawn down in any other way desired, but this is the one followed here. After the pattern effect has been drawn out, the next thing to do, is to write the threading draft for the loom. We have found it bettergenerally, to follow the order of the pattern effect, rather than that of the key draft when writing the threading draft. In order to get some idea of just how the threading draft will weave, and what it will look like when woven, we draw a check draft below the threading draft. All of the three key drafts above, have skips from 1 to 3, and 2 to 4 or vise versa. So the threading draft, and hence also the check draft or woven effect, will not be exactly the same as the pattern effect drawing.

January 1944

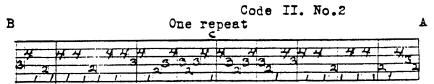
Nellie S. Pohnson 12489 Mendota Ave. Detroit 4, Mich.

Code I. No.1-

One full repeat of each threading draft is given. Center is marked with a C.



The pattern has not been arranged for a definite number of warp threads, but the order of using the treadles is as follows, - 2&3,3&4,4&1,2&3,1&2,3&4,4&1,1&2,2&3,1&2,2&3,3&4. The number of shots of weft to use with the above pattern sheds will depend on the size of the thread used. Weave to square each block, and alternate 1&3 and 2&4 plain weave after each pattern shot as is usual with over-shot weave. The numbers as given above refer to treadles on a loom where the harnesses sink. On a Structo loom or Jack loom where harnesses rise, use the opposite of the numbers as given above. For 2&3 use 1&4, for 3&4 use 1&2, for 4&1 use 2&3, for 1&2, use 3&4.



The order of treadling this pattern is as follows, - 2&3,4&1,1&2,4&1,1&2,4&1,3&4, 1&2,2&3,3&4,2&3,4&1,center,reverse back to beginning to complete the pattern. The pattern above at CodeNo.1 is also just written to the center,reverse it in the same manner when weaving. These pattern threadings all have 2 centers where the patternreverses or repeats back on itself.

One of these is the first block of the threading draft, and the other is the centerras marked at C on each of these drafts. It is a he lp to remember this when planning these threading drafts for the loom.

The pattern threading at No.3 has been drawn down so that the woven effect or check draft may be compared with the pattern effect drawing on Page 1, Code 3.

There is a slight difference which will be apparent when these two are compared closely.

If the check drafts are also drawn down for No.1 and No.2, it will be easy to see the slight changes that have to be made in order to write the threading drafts.

On the next page are two more patterns using the same Code plans as given on Page 1, and also based on the words of a popular song, "Their Either Too Young or Too Old."

Such drafts are fun to do, and rather mysterious to the layman.

