

No. 5. A Group of Small Threadings for weaving with one Shuttle

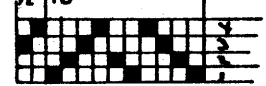
Structo Mfg. Co.
Freeport, Ill.

Threading Drafts

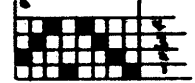
(a) Twill



(b) "Dornick"



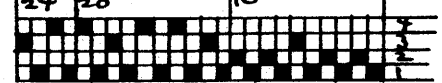
(c) "Bird-Eye"



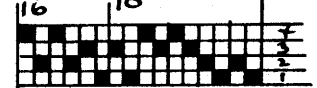
(d) "Goose-Eye" and "Herring-Bone"



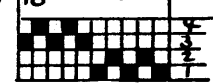
(e) Small Pattern in "Bronson-Weave"



(f) "Ms and Os"



(g) "Huck"



The figures in these threadings are so small that no special arrangement in putting them on the loom is required, and no special selvage is needed.

For (a), (b), (c) and (f) there should be the same number of heddles on each harness, — (d), (e) and (g) require some re-arrangement of the heddles.

Weaving Directions

These patterns are intended for weaving with one shuttle and with no "tabby". Tabby may, however, be woven on (a), (c) and (d) — levers 1-3 and 2-4 —, also on (e) — levers 1, and 2-3-4.

(a) Twill, and (b) "Dornick"

1-2, 2-3, 3-4, 1-4, and repeat, or:
1-4, 3-4, 2-3, 1-2, and repeat, or:
1, 2, 3, 4, and repeat — one lever only each time

(c) "Bird-Eye" sometimes called "Fox-Fath"

3-4, 1-4, 1-2, 2-3, 1-2, 1-4, and repeat.
(This pattern may be woven in many other ways and is the foundation of much Scandinavian weaving.)

(d) "Goose-Eye"

3-4, 1-4, 1-2, 2-3, 3-4, 1-4, 1-2, 2-3
3-4, 1-4, 1-2,
1-4, 3-4, 2-3, 1-2, 1-4, 3-4, 2-3, 1-2, 1-4
Repeat.

For "Herring-Bone" use the directions given for (a) above

(e) "Bronson" (Note that in this threading half the threads are on harness #1.)

3-4, 1, 3-4, 1, 3-4, 1, 2-4, 1, 3-4, 1, 3-4, 1, 3-4, 1, 2-4, 1
2-3, 1, 2-3, 1, 2-3, 1, 2-4, 1, 2-3, 1, 2-3, 1, 2-3, 1, 2-4, 1
Repeat.

(f) "Ms and Os"

3-4, 1-2, 3-4, 1-2, 3-4, 1-2, 3-4, 1-2
2-4, 1-3, 2-4, 1-3, 2-4, 1-3, 2-4, 1-3
Repeat

(g) "Huck"

2-3, 1-2-4, 2-3, 1-2-4, 2-3
1-4, 2-3-4, 1-4, 2-3-4, 1-4
Repeat

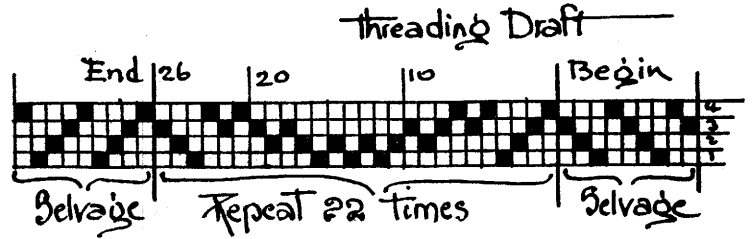
No illustrations of these patterns are given because the effects are of texture rather than figure and do not appear clearly in a drawing or photograph.

In all these patterns a single shot of weft should be woven on each shed.
Mary M. Arwater

Pattern No. 21, "Honeysuckle"

To put pattern No. 21, on the Structo*600 Loom, thread the right hand selvage as indicated on the draft. Repeat the pattern 22 times (omitting selvage). End with left hand selvage.

Heddles on harness 1,	114
" " " 2,	180
" " " 3,	181
" " " 4,	115

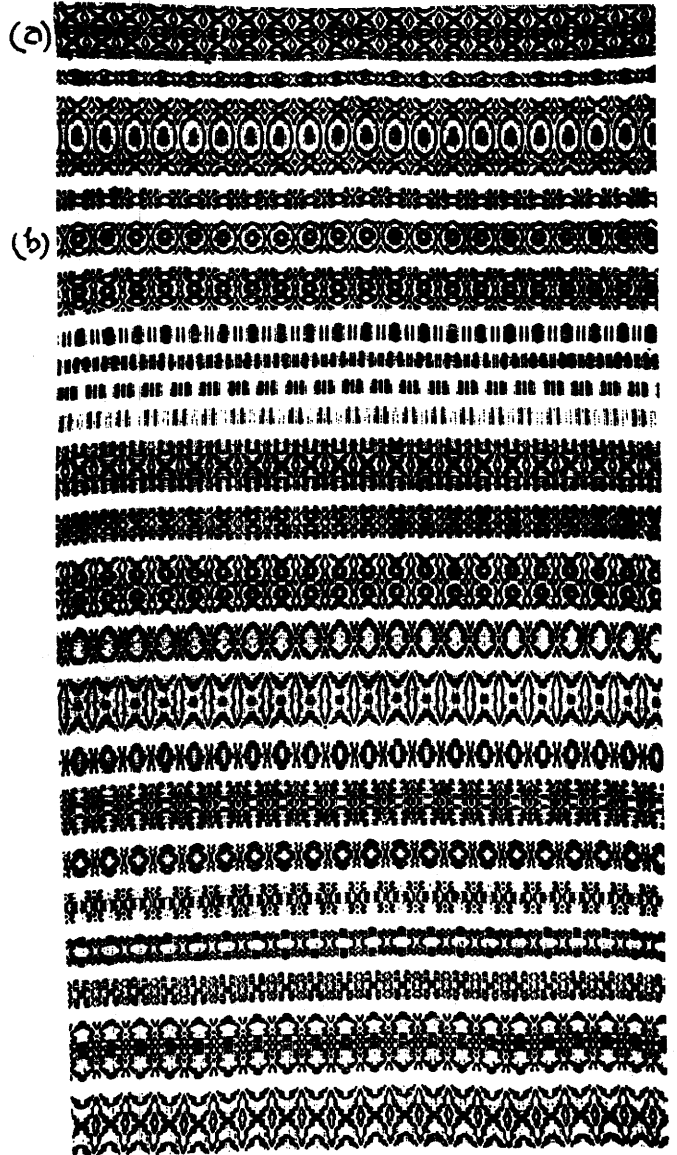


Weaving Directions

- (a) Levers 3-4, once
 " 1-4, "
 " 1-2, twice
 " 1-4, once
 " 3-4, "
 " 2-3, "
 " 1-2, 3 times
 " 1-4, 3 "
 " 3-4, 6 "
 " 1-4, 3 "
 " 1-2, 3 "
 " 2-3, once
 Repeat.

Weave with a
 tabby —
 Tabby sheds: 1-3
 and 2-4

- (b) Levers 3-4, once
 " 1-4, "
 " 1-2, twice
 " 2-3, "
 " 3-4, 3 times
 " 1-4, 6 "
 " 3-4, 3 "
 " 2-3, twice
 " 1-2, "
 " 1-4, once
 " 3-4, "
 " 2-3, "
 " 1-2, 3 times
 " 2-3, once
 Repeat



Sampler woven on the "Honeysuckle" threading.

A great variety of little borders may be woven on this threading — as the illustration shows. This is a favorite threading for small articles.

Mary M. Atwater

For the oval figure shown on the illustration, weave as follows:

Levers 3-4, twice
 " 2-3, "
 " 1-2, "
 " 1-4, "
 " 1-2, "
 " 2-3, "
 " 3-4, "
 " 1-4, "
 " 1-2, 3 times
 " 2-3, 4 "
 " 3-4, 8 "
 " 2-3, 4 "
 " 1-2, 3 "
 " 1-4, twice
 " 3-4, "
 " 2-3, "
 " 1-2, "
 " 1-4, "
 " 1-2, "
 " 2-3, "
 " 3-4, "

Small Border:

Levers 3-4, 6 times
 " 1-2, twice
 " 1-4, "
 " 3-4, "
 " 2-3, "
 " 1-2, "
 " 2-3, "
 " 3-4, "
 " 1-4, "
 " 1-2, "
 " 3-4, 6 times

Another Little Border:

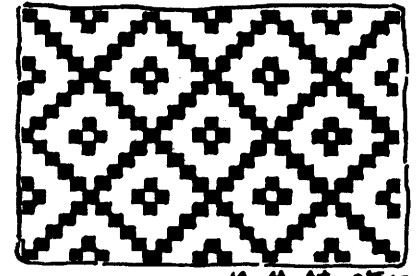
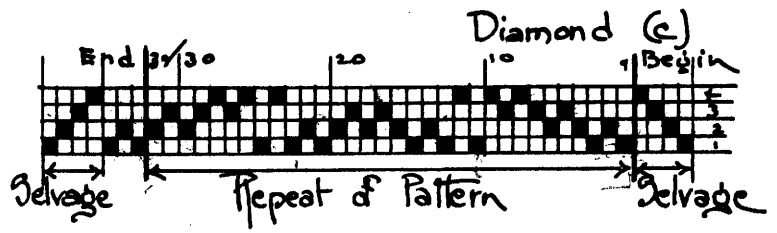
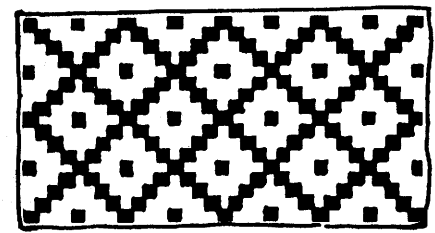
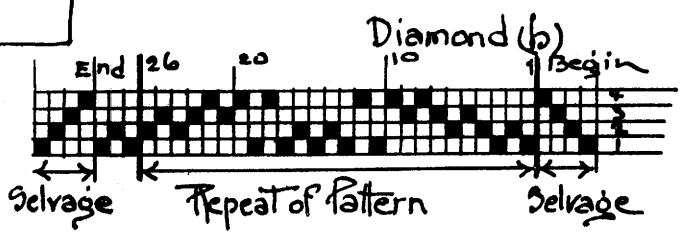
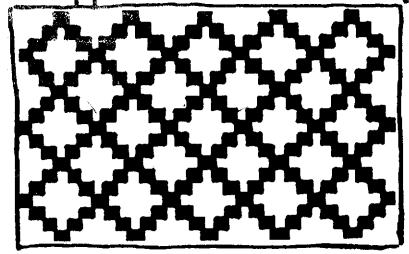
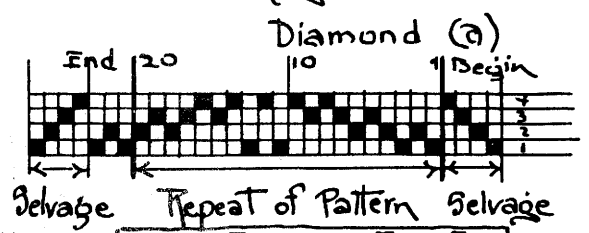
Levers 3-4, once }
 " 1-4, " } 4 times
 " 1-2, " }
 " 2-3, " }
 " 3-4, twice
 " 1-4, "
 " 1-2, 4 times
 " 2-3, 8 "
 " 1-2, 4 "
 " 1-4, twice
 " 3-4, "
 " 2-3, once }
 " 1-2, " } 4 times
 " 1-4, " }
 " 3-4, " }

Pattern No. 22, "The Diamond."

To put Pattern No. 22 on the Structo #600 loom:
 draw in four selvage threads as indicated; then 20
 repeats of the pattern. End as shown on the draft.
 Pattern 22(b), draw in two repeats of the selvage;
 then twenty-two repeats of the pattern. End as in-
 dicated. Repeat selvage.
 Pattern 22(c) draw in two threads: 3, 4; then selvage
 as indicated; then eighteen repeats of the pattern.
 End as shown on the draft.

Pattern 22(a) Heddles on harness 1, -122; on harness 2, -150
 on harness 3 -178; on harness 4, -150
 22(b) Heddles on harnesses 1 and 2, -162; on har-
 nesses 3 and 4, -138
 22(c) Heddles on harness 1, -150; on harness 2, -186;
 on harness 3 -150; on harness 4, -114

Threading Drafts



M. M. Atwater

Weaving Directions

Plain or "tabby" ware: 1-3 and 2-4

- Pattern 22(a)
 Levers 3-4, 4 times
 " 1-4, 3 "
 " 1-2, 3 "
 " 2-3, 4 "
 " 1-2, 3 "
 " 1-4, 3 "
 Repeat

Weave with a tabby

- Pattern 22(b)
 Levers 3-4, 4 times
 " 1-4, 3 "
 " 1-2, 3 "
 " 2-3, 3 "
 " 3-4, 4 "
 " 2-3, 3 "
 " 1-2, 3 "
 " 1-4, 3 "
 Repeat

Weave with a tabby

- Pattern 22(c)
 Levers 3-4, 4 times
 " 1-4, 3 "
 " 1-2, 3 "
 " 2-3, 3 "
 " 3-4, 3 "
 " 1-4, 4 "
 " 3-4, 3 "
 " 2-3, 3 "
 " 1-2, 3 "
 " 1-4, 3 "
 Repeat

Weave with a tabby

The Structo Mfg. Co
 Freeport, Ill.

This is one of the fundamental patterns. It can be woven in a great many different ways, and is often used as a border threading for larger patterns.

Weaving directions for two of the named and famous variations follow:

“Holland Chain”:

Lever 3-4, 3 times
 “ 1-4, 3 “
 “ 1-2, 3 “
 “ 2-3, 3 “
 “ 3-4, 3 “
 “ 2-3, 3 “
 “ 3-4, 3 “
 “ 1-4, 3 “
 “ 1-2, 3 “
 “ 1-4, 3 “
 “ 3-4, 3 “
 “ 2-3, 3 “
 “ 3-4, 3 “
 “ 2-3, 3 “
 “ 1-2, 3 “
 “ 1-4, 3 “
 “ 3-4, 3 “
 “ 2-3, 3 “ } 4 times
 “ 3-4, 3 “
 “ 2-3, 3 “
 Repeat.

“Rose in the Wilderness”:

Lever 3-4, 3 times
 “ 2-3, 3 “
 “ 1-2, 3 “
 “ 1-4, 3 “
 “ 3-4, 3 “ } 3 times
 “ 1-4, 3 “
 “ 1-2, 3 “
 “ 2-3, 3 “
 “ 3-4, 3 “
 “ 1-4, 2 “
 “ 1-2, 2 “ } 5 times
 “ 1-4, 2 “
 “ 3-4, 3 “
 “ 2-3, 3 “
 “ 1-2, 3 “
 “ 1-4, 3 “
 “ 1-2, 3 “
 “ 2-3, 3 “
 “ 3-4, 3 “
 “ 1-4, 2 “ } 5 times
 “ 1-2, 2 “
 “ 1-4, 2 “

Repeat from the beginning.

Both these treadelings should be used in connection with the “Diamond (b)” threading.

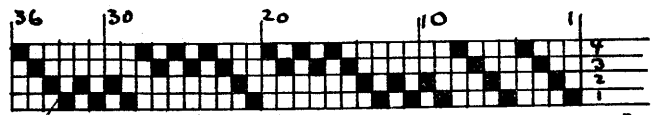
Pattern No. 23, "Monk's Belt."

To put Pattern No. 23 on the #600 Structo loom, draw in the first three threads, 2, 3, 4. then draw in sixteen complete repeats of the draft. then from the beginning to thread No. 10.

Heddles: 150 on each harness

Structo Mfg. Co.
Freeport, Ill.

Threading Draft



Repeat of Pattern

Weaving Directions

Plain or "tabby" weave: 1-3, and 2-4

Border (a)

Levers 1-2, twice
" 3-4, "
" 1-2, "
Weave with a tabby

Border (b) - the pattern as drawn in

Levers 1-2, twice
" 3-4, "
" 1-2, "
" 3-4, "
X " 1-2, "
" 3-4, 6 times
" 1-2, 6 "
" 3-4, twice
" 1-2, 6 times
" 3-4, 6 "
Weave with a tabby

Repeat to "X". For an all-over pattern repeat to the end

Border (c), like (a) reversed

Border (d)

Levers 3-4, 6 times
" 1-2, twice
" 3-4, "
" 1-2, "
" 3-4, "
" 1-2, "
" 3-4, 6 times
Weave with a tabby

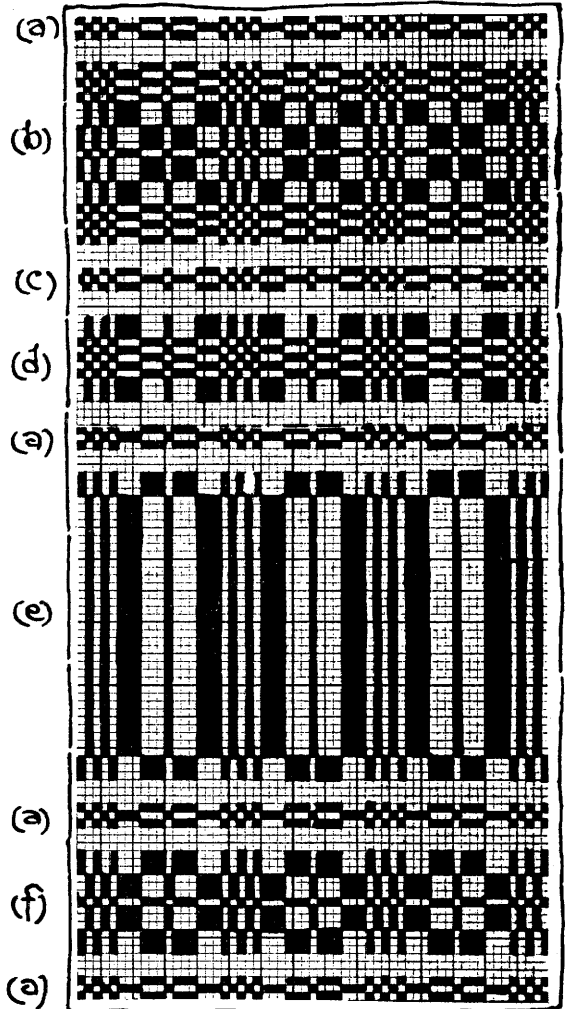
Border (e)

Levers 1-2, 6 times
" 3-4, 6 times
" 1-2, 6 times

Border (f)

Levers 1-2, 6 times
" 3-4, 6 "
" 1-2, twice
" 3-4, 6 times
" 1-2, 6 "

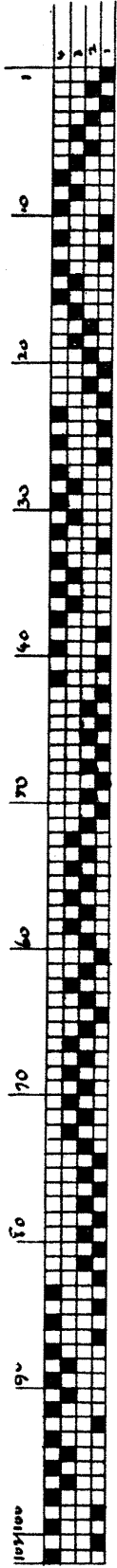
Weave with a tabby



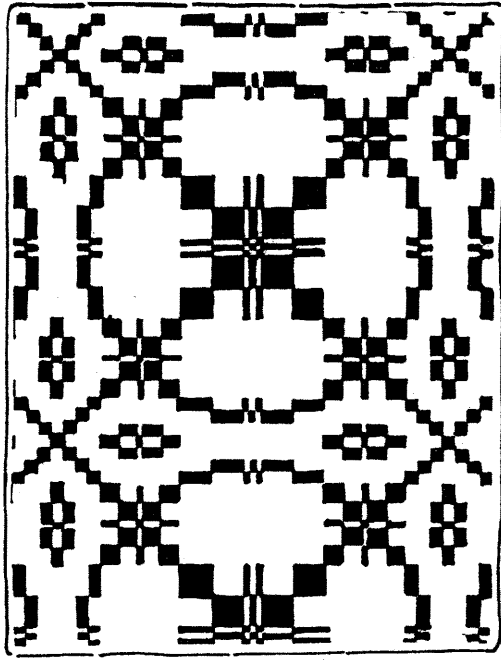
This is a famous Scandinavian and Germanic pattern - the foundation of much European weaving

Mary M. Atwater

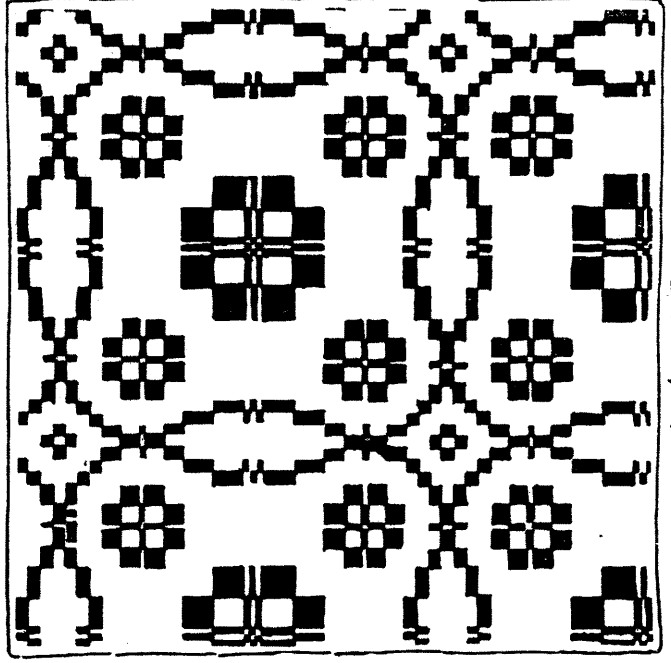
Pattern No. 24 "Lovers' Knot" and "Whig Rose" or "Methodist Wheel"



To put pattern No. 4 on the #240 loom: Thread six threads for a selvage, as follows—3, 4, 1, 2, 3, 4. Then thread the complete draft, twice. Thread the first 23 threads of the draft. Thread a selvage as follows—4, 3, 2, 1, 4, 3, 2. Heddles on harness #1, 64; on harness #2, 61; on harness #3, 56; on harness #4, 59



"Lovers' Knot"



"Whig Rose"

Weaving Directions

"Lovers' Knot"

- Lever 3-4, 3 times
- " 1-4, 3 "
- " 1-2, 3 "
- " 2-3, 4 "
- " 1-2, 3 "
- " 1-1, 3 "
- " 3-1, 3 "
- " 2-3, 5 "
- " 1-2, 4 "
- " 2-3, 2 "
- " 1-2, 4 "
- " 2-3, 5 "
- " 3-4, 9 "
- " 1-1, 8 "
- " 3-1, 2 "
- " 1-4, 2 "
- " 3-1, 2 "
- " 1-4, 8 "
- " 3-1, 9 "
- " 1-2, 1 "
- " 2-3, 2 "
- " 1-2, 4 "
- " 2-3, 5 "

Plain weave:
1-3 and 2-4

weave these
patterns with
a Tabby

"Whig Rose"

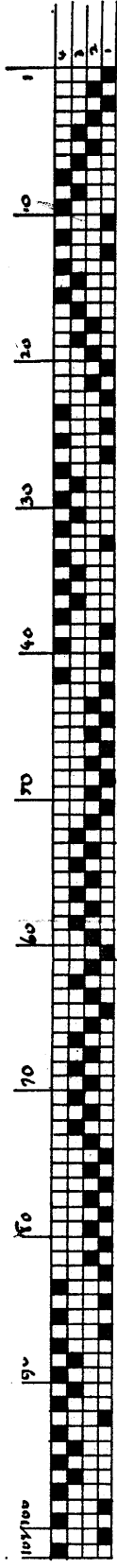
- Lever 1-4, 3 times
- " 3-4, 3 "
- " 2-3, 3 "
- " 1-2, 4 "
- " 2-3, 3 "
- " 3-4, 3 "
- " 1-4, 3 "
- " 1-2, 5 "
- " 2-3, 4 "
- " 1-2, 2 "
- " 2-3, 4 "
- " 1-2, 5 "
- " 1-4, 9 "
- " 3-4, 8 "
- " 1-4, 2 "
- " 3-1, 2 "
- " 1-4, 2 "
- " 3-1, 8 "
- " 1-4, 5 "
- " 2-3, 4 "
- " 1-2, 2 "
- " 2-3, 4 "
- " 1-2, 5 "

Repeat from inc beginning

Repeat from the beginning

Structo Mfg. Co.
Freeport, Ill.

Pattern No. 24, "Lovers' Knot" and "Whig Rose" or "Methodist Wheel"



To put pattern No. 24 on the 600 Structo loom: first draw in a selvage of eight threads, 1, 2, 3, 4, and repeat, then the first 20 threads of the draft. Begin again at the beginning and thread the complete draft five times. Draw in the first 20 threads of the draft and then from the beginning to thread No. 23. Put in a selvage: 4, 3, 2, 1, and repeat.

Weaving Directions

"Lovers' Knot"

- Lovers 3-4, 3 Times
- " 1-4, 3 "
- " 1-2, 3 "
- " 2-3, 4 "
- " 1-2, 3 "
- " 1-4, 3 "
- " 3-4, 3 "
- " 2-3, 5 "
- " 1-2, 4 "
- " 2-3, 2 "
- " 1-2, 4 "
- " 2-3, 5 "
- " 3-4, 9 "
- " 1-4, 8 "
- " 3-4, 2 "
- " 1-4, 2 "
- " 3-4, 2 "
- " 1-4, 8 "
- " 3-4, 9 "
- " 2-3, 5 "
- " 1-2, 4 "
- " 2-3, 4 "
- " 1-2, 4 "
- " 2-3, 5 "

Repeat from the beginning

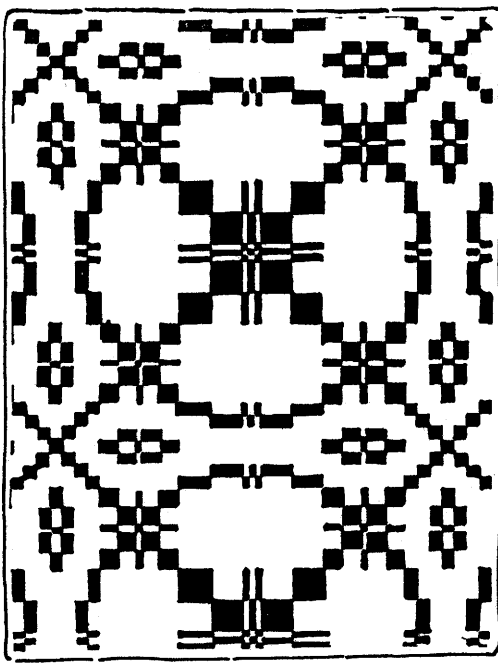
"Whig Rose"

- Lovers 1-4, 3 Times
- " 3-4, 3 "
- " 2-3, 3 "
- " 1-2, 4, " "
- " 2-3, 3, " "
- " 3-4, 3, " "
- " 1-4, 3, 5, " "
- " 1-2, 3, 4, " "
- " 2-3, 4, " "
- " 1-2, 4, " "
- " 2-3, 4, " "
- " 1-2, 5, " "
- " 1-4, 9, " "
- " 3-4, 8, " "
- " 1-4, 2, " "
- " 3-4, 2, " "
- " 1-4, 2, 8, " "
- " 1-4, 9, " "
- " 1-2, 5, " "
- " 2-3, 4, " "
- " 1-2, 4, " "
- " 2-3, 4, " "
- " 1-2, 5, " "

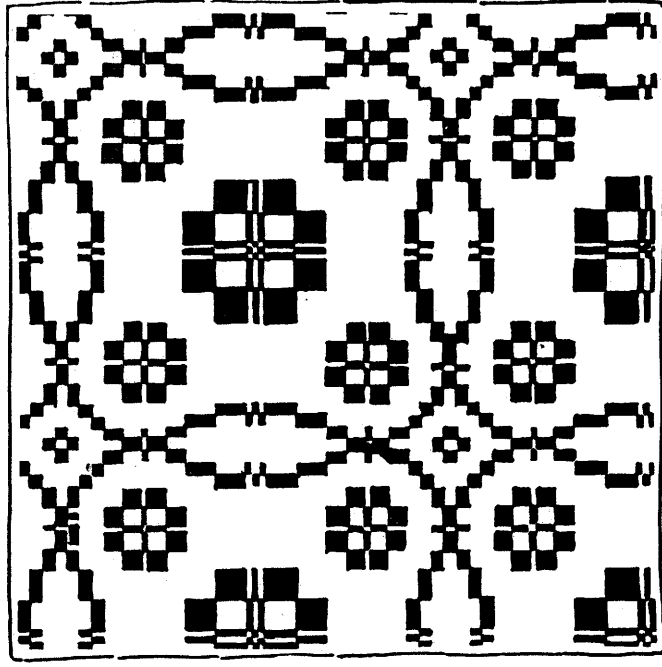
Repeat from the beginning

Plain weave:
1-3 and 2-4

weave these patterns with a tabby

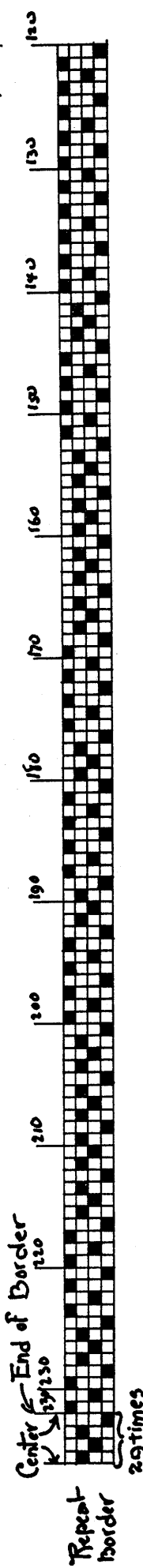
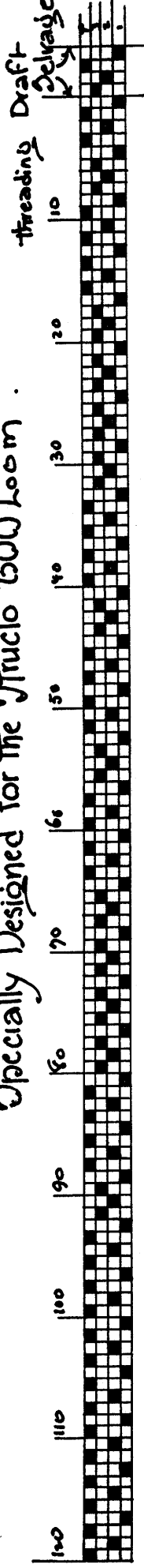


"Lovers' Knot"



"Whig Rose"

Pattern No. 26. An Arrangement in the "Summer and Winter" Weave — Specially Designed for the Structo 600 Loom.

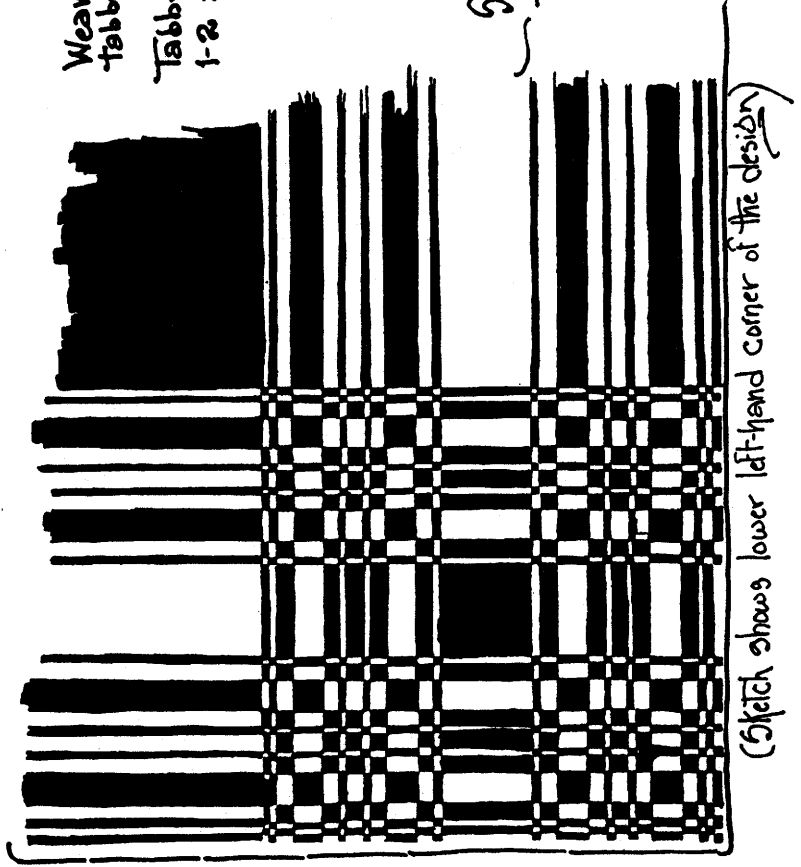


Weaving Directions:

Center:
Levers: 2-4, once } 58 times, or
1-4, " } as desired
Repeat Complete Border

Border
Levers 2-3, once } twice
1-3, " }
2-4, " } twice
1-4, " }
2-3, " } 4 times
1-3, " }
2-4, " } 8 times
1-4, " }
2-3, " } 4 times
1-3, " }
2-4, " } twice
1-4, " }
2-3, " } 4 times
1-3, " }
2-4, " } 8 times
1-4, " }
2-3, " } 4 times
1-3, " }
2-4, " } twice
1-4, " }
2-3, " } 24 times
1-3, " }
Repeat from the beginning to *

To put this pattern on the loom: thread selvage and border as written. For the plain center, repeat the four-thread unit 29 times. Repeat complete border, omitting selvage. End: 1, 3, 2, 4, 1.
Heddles: Harnesses 1 and 2. 14 each; 3, 156; 4, 138



Woven as above, this pattern makes a handsome pillow-top. For a runner continue the treadling for the plain center as may be required for the desired length. For a large square weave two strips, each one of two complete squares. Sew together. For best results use a fine pattern weft and very fine tabby. The sketch shows only the figure and does not illustrate the structure of this weave, which is very close and fine, without long overshoot skips.

**Notes on Pattern No. 26 for the Structo
No. 600 Loom**

The "Summer and Winter" weave is an ancient weave of early American origin. It produces a closely woven fabric without long overshots, and therefore with superior wearing qualities. It is also a good weave for linen.

Any two-block pattern may be woven in this weave on four harnesses. The draft herewith may be used in several different ways. For instance for a square with a narrow border and large plain center proceed as follows:

Selvage as written	4 threads
Begin at thread 137 of the draft, to the end.....	96 "
Repeat the center unit 98 times.....	392 "
Begin at 137, to the end.....	96 "
End: 1, 3.....	2 "
	590 "

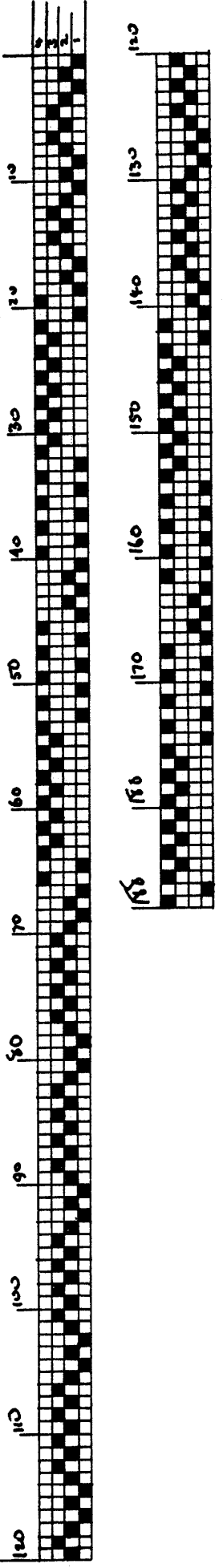
Or thread border as written and repeat the four-thread unit for the center all across the rest of the threads. Weave two strips and sew together.

For an all-over effect proceed as follows:

The selvage as written, twice	8 threads
Then: 1, 4, 2, 4, 1, 3, 2, 3.....	8 "
Then the first 92 threads of the draft, 6 times.....	552 "
Then: 1, 4, 2, 4, 1, 3, 2, 3, 1, 4, 2, 4.....	12 "
Selvage: 1, 3, 2, 4, 1, 3, 2, 4, 1, 3.....	10 "
	590 "

To weave a plain stripe all across the loom weave: Lever 2, alone, once; lever 1, alone, once; and repeat as desired.

Pattern No. 27, "Double Chariot-Wheels", or "Church Windows."



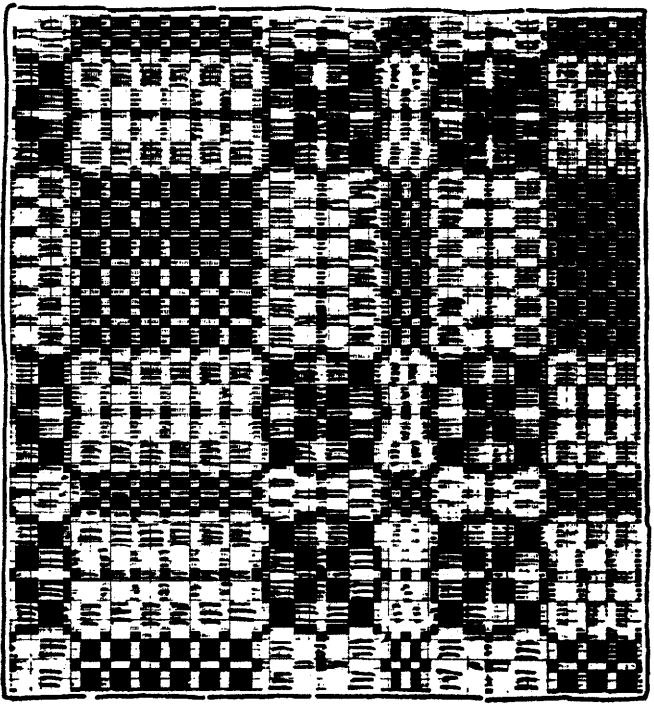
To put pattern No. 27, on the Structo 600 Loom:
 thread 1, 2, 3, 4. then the complete draft, re-
 peated three times, then the first 20
 threads of the draft. End: 3, 2.
 Heddles on harness 1, 145
 " " 2, 161
 " " 3, 150
 " " 4, 134

Weaving Directions

- Lever 3-4, 3 times
- " 1-4, 4 "
- " 3-4, 4 "
- " 1-4, 4 "
- " 3-4, 3 "
- " 2-3, 3 "
- " 1-2, 10 "
- " 2-3, 9 "
- " 3-4, 4 "
- " 2-3, 9 "
- " 1-2, 10 "
- " 2-3, 3 "
- " 3-4, 3 "
- " 1-4, 8 "
- " 3-4, 3 "
- " 1-4, 8 "
- " 3-4, 3 "
- " 1-4, 8 "
- " 3-4, 3 "
- " 1-4, 8 "
- " 3-4, 3 "
- " 1-4, 8 "
- " 3-4, 3 "
- " 1-4, 8 "
- " 3-4, 3 "
- " 2-3, 10 "
- " 1-2, 9 "
- " 3-4, 4 "
- " 2-3, 9 "
- " 1-2, 10 "
- " 2-3, 3 "

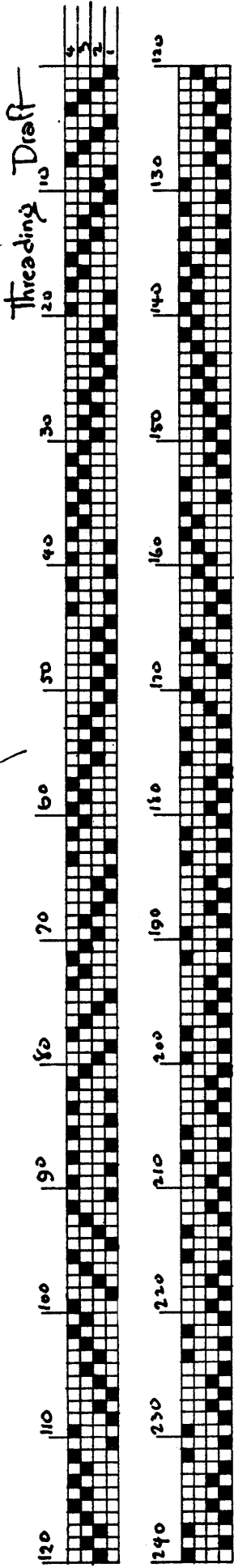
Repeat

This is one of the most famous old Colonial coverlet patterns. It was often woven in two colors, usually dark blue and Turkey red. All 1-4 and 2-3 shots in blue and 1-2 and 3-4 in red. Also woven with 1-2, 2-3 and 1-4 in blue 3-4 in red. Should be woven in fairly coarse materials. There are many variations of this pattern, of which the draft as given appears to be the most classic.



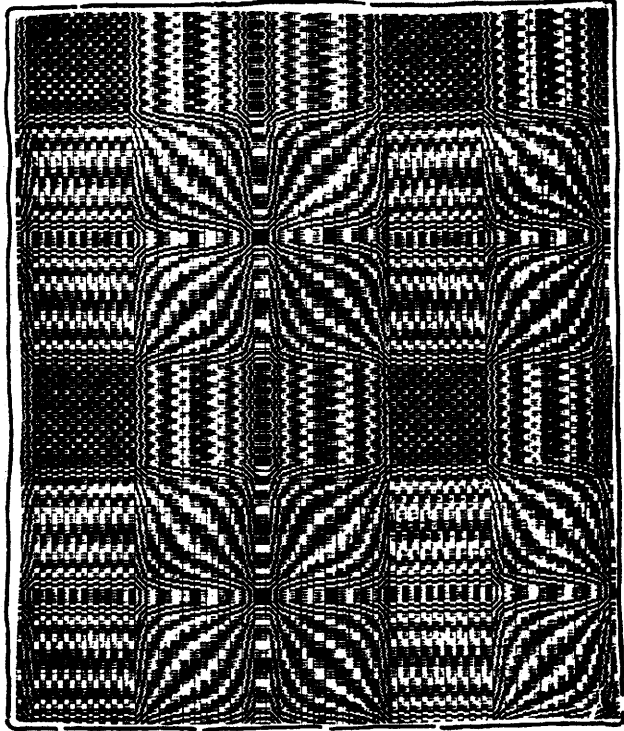
Structo Mfg. Co.
 Freeport, Ill.

Pattern No. 28, "Double Bow-Knot" or "Maple Leaf"



To put pattern No. 28 on the Structo 600 Loom:
 thread: 4, 3, 2, 1, then begin with thread 156 of
 the draft and thread to the end. Begin at
 the beginning and put in two complete
 repeats of the pattern, then the first 18 threads.
 End: 1, 2, 3, 4.
 Heddles on harness 1, 199; on harness 2, 144; on
 harness 3, 96; on harness 4, 151.

— Structo Mfg. Co. Freeport, Ill. —



M. M. Anwar

Weaving Directions

- | | | |
|--------|---------------|------------|
| Levers | 3-4, once | } twice |
| " | 1-4, " " | |
| " | 1-2, " " | } 3 times |
| " | 2-3, " " | |
| " | 3-4, 3 | } " " |
| " | 1-4, 3 | |
| " | 1-2, 3 | } " " |
| " | 2-3, 3 | |
| " | 3-4, 5 | } " " |
| " | 1-4, 5 | |
| " | 1-2, 7 | } " " |
| " | 2-3, 7 | |
| " | 3-4, 7 | } " " |
| " | 1-4, 5 | |
| " | 1-2, 5 | } " " |
| " | 2-3, 3 | |
| " | 3-4, 3 | } " " |
| " | 1-4, 3 | |
| " | 1-2, 3 | } twice |
| " | 2-3, once | |
| " | 3-4, " " | } " " |
| " | 1-4, " " | |
| " | 1-2, " " | } 10 times |
| " | 2-3, 10 times | |
| " | 1-2, once | } twice |
| " | 1-4, " " | |
| " | 3-4, " " | } " " |
| " | 2-3, " " | |
| " | 1-2, 3 times | } " " |
| " | 1-4, 3 | |
| " | 3-4, 3 | } " " |
| " | 2-3, 3 | |

- (Continue)
- | | | |
|--------|--------------|----------|
| Levers | 1-2, 5 times | } twice |
| " | 1-4, 5 | |
| " | 3-4, 7 | } " " |
| " | 2-3, 7 | |
| " | 1-2, 7 | } " " |
| " | 1-4, 5 | |
| " | 3-4, 5 | } " " |
| " | 2-3, 3 | |
| " | 1-2, 3 | } " " |
| " | 1-4, 3 | |
| " | 3-4, 3 | } once |
| " | 2-3, 3 | |
| " | 1-2, " " | } " " |
| " | 1-4, " " | |
| " | 3-4, 4 times | } " " |
| " | 2-3, 4 | |
| " | 3-4, 4 | } " " |
| " | 2-3, 4 | |
| " | 3-1, 4 | } " " |
| " | 2-3, 4 | |
| " | 3-4, 4 | } " " |
| " | 2-3, 4 | |
| " | 3-4, 4 | } " " |
| " | 2-3, 4 | |
| " | 3-1, 4 | } " " |
| " | 2-3, 4 | |
| " | 3-1, 4 | } " " |
| " | 2-3, 4 | |
| " | 3-1, 4 | } " " |
| " | 2-3, 4 | |
| " | 3-1, 4 | } " " |
| " | 2-3, 4 | |
| " | 3-1, 4 | } " " |
| " | 2-3, 4 | |
| " | 3-1, 4 | } " " |
| " | 2-3, 4 | |
| " | 3-1, 4 | } Repeat |
| " | 2-3, 4 | |

This pattern may be woven as follows, and is then known as "Blazing Star."

Levers 1-2, 10 times
 " 2-3, 10 times
 " 3-4, 10 times
 " 1-4, 10 times

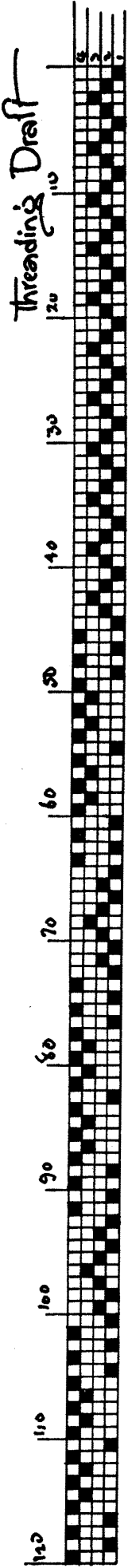
A pattern known as "Blooming Leaf" may be threaded from this draft. It consists of a repetition of the Bow-Knot figure with the square "tables" omitted. "Blazing Star" may be woven on this threading also, exactly as above.

To thread "Blooming Leaf":

Thread: 4, 3, 2, 1, repeated four times.....	16 threads	
Ten threads threaded: 1, 4, 1, 4, 1, 4, 1, 4, 1, 4....	10	"
The first 172 threads of the draft.....	172	"
1, 4, 1, 4, 1, 4, 1, 4, 1, 4.....	10	"
First 172 threads of the draft.....	172	"
1, 4, 1, 4, 1, 4, 1, 4, 1, 4.....	10	"
First 172 threads of the draft.....	172	"
1, 4, 1, 4, 1, 4, 1, 4, 1, 4.....	10	"
1, 2, 3, 4, repeated four times.....	16	"
	<hr/>	
	588	"

There are two threads left over. One of these may be added to the selvage at each side.

Pattern No 29. "Nine Snow-Balls"



To put pattern No. 29 on the Structo 600 Loom:
 thread; 1, 2, 3, 4. then beginning with thread 93 of the draft
 thread to the end. then begin at the beginning and put in
 four complete repeats of the draft. then the first 73
 threads. End: 4, 3, 2, 1, 4.
 Heddles on harness 1, 172; on harness 2, 152; on harness 3, 123;
 on harness 4, 143.

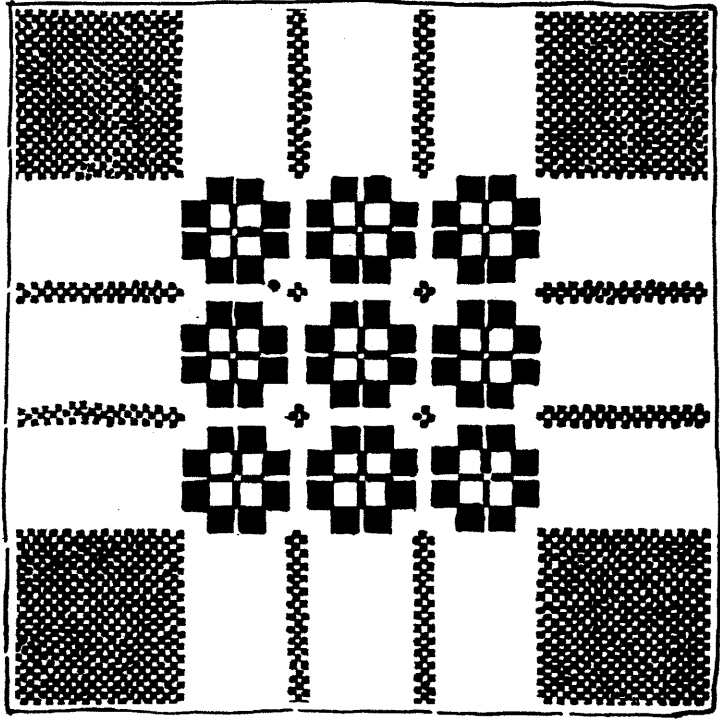
Weaving Directions

- Lever 1-4, twice, 11 times
 " 3-4, " "
 " 1-4, " "
 " 1-2, 5 times
 " 2-3, 5 times
 " 1-2, twice
 " 2-3, 5 times
 " 1-2, 5 "
 " 1-4, 3 "
 " 3-4, 3 "
 " 1-4, 3 "
 " 1-2, 5 "
 " 2-3, 5 times
 " 1-2, 5 "
 " 1-4, 3 "
 " 3-4, 3 "
 " 1-4, 3 "
 " 1-2, 5 "
 " 2-3, 5 times
 " 1-2, 5 "
 " 1-4, 3 "
 " 3-4, 3 "
 " 1-4, 3 "
 " 1-2, 5 "
 " 2-3, 5 times
 " 1-2, 5 "

Weave with a toby.
 Toby: Levers 1-3 and 2-4

Structo Mfg. Co.
 Freeport, Ill.

Repeat:



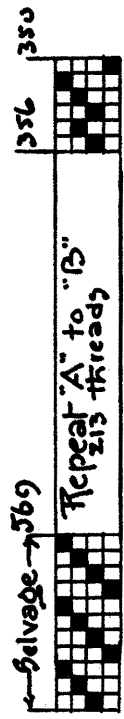
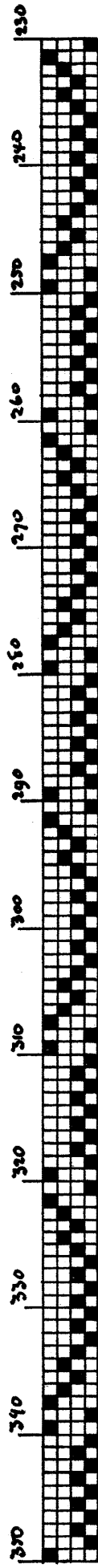
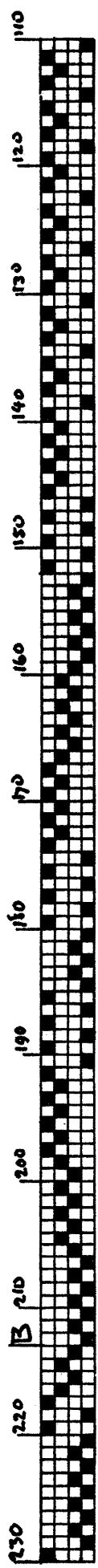
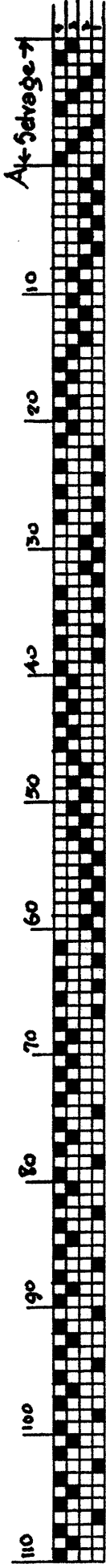
This pattern is often woven in two colors: all
 1-4 and 3-4 shots in one color and all 1-2
 and 2-3 shots in the other.
 It is sometimes known as "Scarlet Balls" or
 "Scarlet Balls of Tennessee."

Patterns Nos. 19 and 29 may be woven as follows,—and is then known as “Sweet-Briear Beauty”:

Levers	3-4, twice	} 11 times
“	1-4, “	
“	3-4, “	
“	2-3, 5 times	
“	1-2, 4 “	
“	2-3, twice	
“	1-2, 4 times	
“	2-3, 5 “	
“	3-4, 3 “	
“	1-4, twice	
“	3-4, 3 times	
“	2-3, 5 “	
“	1-2, 4 “	
“	2-3, twice	
“	1-2, 4 times	
“	2-3, 5 “	
“	3-4, 3 “	
“	1-4, twice	
“	3-4, 3 times	
“	2-3, 5 “	
“	1-2, 4 “	
“	2-3, twice	
“	1-2, 4 times	
“	2-3, 5 “	

Repeat.

Pattern No. 30 for the Structo[®] 600 Loom — "Governor's Garden" or "Mountain Cucumber."



Structo Mfg. Co.
Freeport, Ill.

Weaving Directions

- Levers 3-4, 8 times
 " 1-4, 7 "
 " 1-2, 7 "
 " 2-3, 7 "
 " 3-4, 4 "
 " 2-3, 7 "
 " 1-2, 7 "
 " 1-4, 7 "
 " 3-4, 7 "
 " 2-3, 7 "
 " 1-2, 6 "
 " 2-3, twice } 16 times
 " 1-2, "
 " 2-3, "
 " 1-2, 6 times
 " 2-3, 7 "
 " 3-4, 7 "
 " 1-4, 7 "
 " 1-2, 7 "
 " 2-3, 7 "
 " 3-4, 4 "
 " 2-3, 7 "
 " 1-2, 7 "
 " 1-4, 7 "
 " 3-4, 8 "

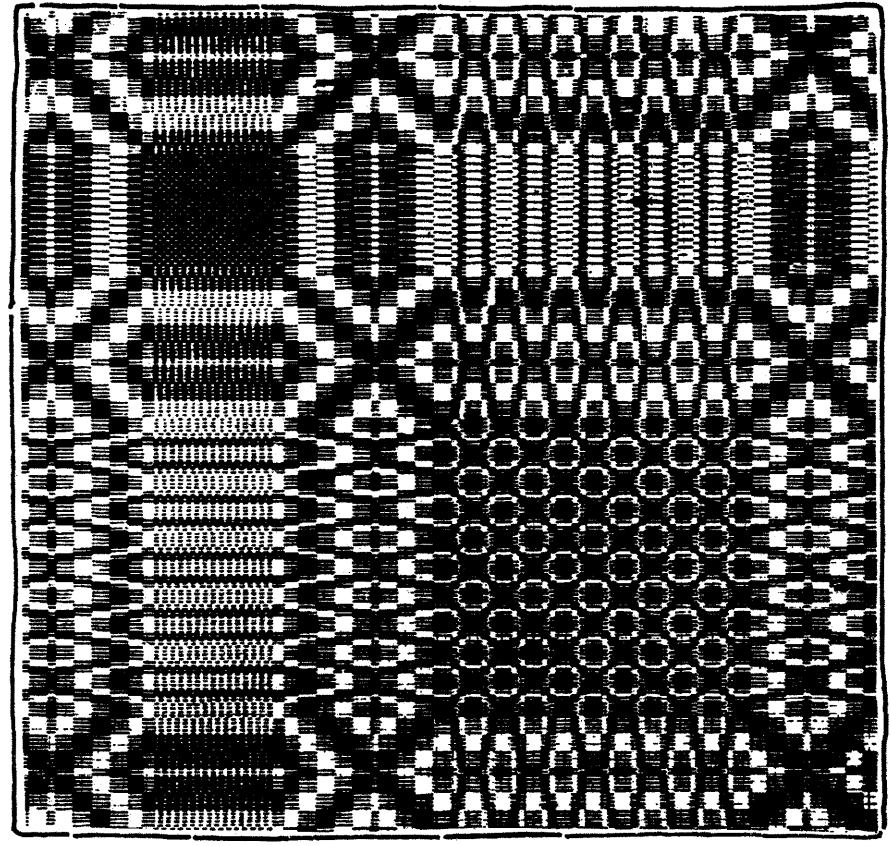
- Levers 1-4, 1 times
 2-3, 4 "
 3-4, 8 "
 2-3, 4 "
 1-4, 4 "
 3-4, 8 "
 1-4, 4 "
 2-3, 4 "
- Repeat from the beginning to *.

Weave with a Tabby.
 Tabby sheds: 1-3, and 2-4

9 times

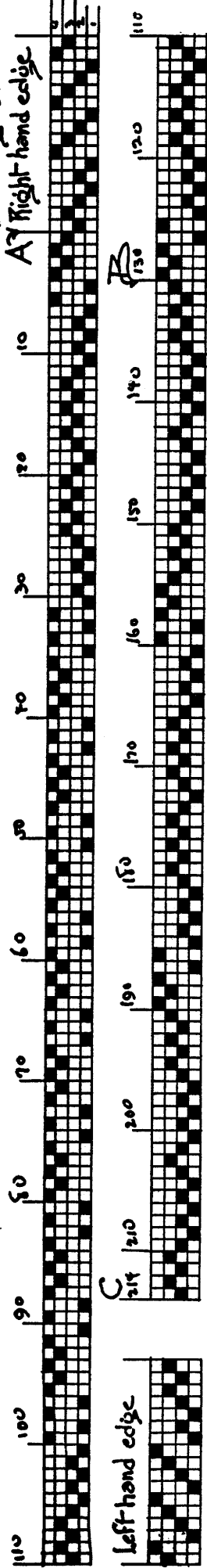
This pattern is sometimes woven in two colors: all 1-2 and 3-4 shots in one color and all 2-3 and 1-4 shots in the other.

This is a good pattern for pillow-tops or for large runners



Pattern No. 31, for the Structo 600 Loom. "Queen's Delight"

Threading Draft



Thread: Right hand edge: "A" to "C", repeated twice: "A" to "B", once: left hand edge.

Weave with a tabby
Tabby sheds: 1-3 and 2-4

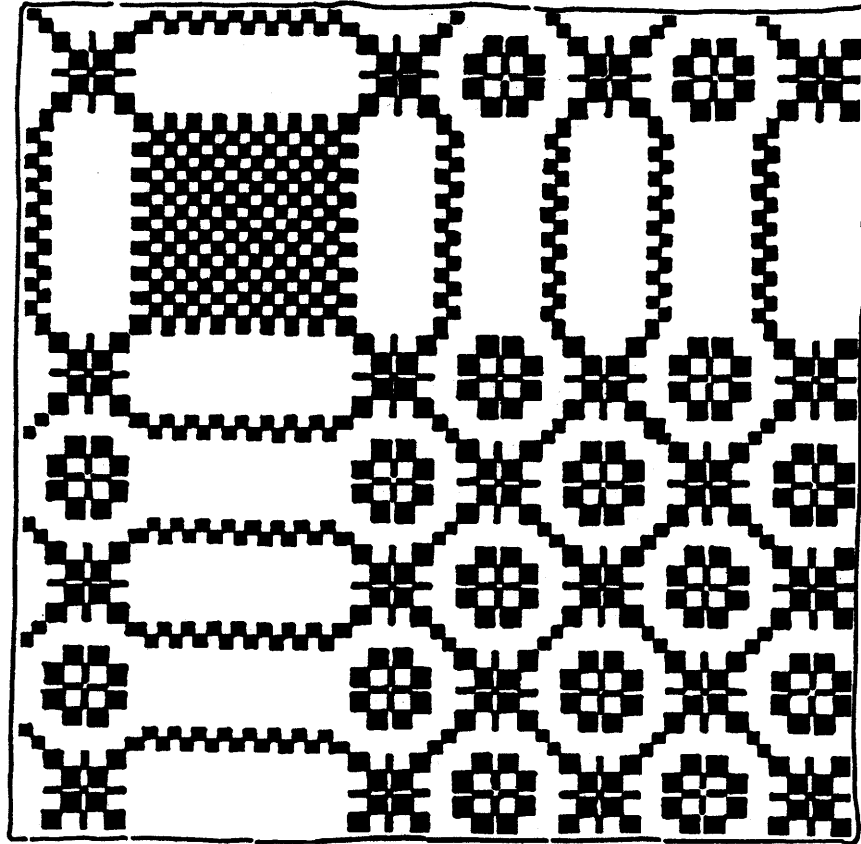
Weaving Directions

Edge, Levers 1-2, once }
" " 2-3, " }
" " 3-4, " }
" " 1-4, " }
" " 1-2, " }
" " 2-3, " }
" " 3-4, 3 times
" " 1-4, 8 " }

A Levers 1-2, 3 times
" 2-3, 3 "
" 3-4, 5 "
" 1-4, 6 "
" 3-4, twice
" 1-4, 6 times
" 3-4, 5 "
" 2-3, 5 "
" 1-2, 4 " } 7 times
" 1-2, 4 "
" 2-3, 5 "
" 3-4, 5 "
" 1-4, 6 "
" 3-4, twice
" 1-4, 6 times
" 3-4, 5 "
" 2-3, 5 "
" 1-2, 3 " }

(Continue:)
Levers 1-4, 5 times
" 3-4, 6 "
" 1-4, twice
" 3-4, 6 times
" 1-4, 5 "
" 1-2, 3 "
" 2-3, 3 "
" 3-4, 5 "
" 1-4, 6 "
" 3-4, twice
" 1-4, 6 times
" 3-4, 5 "
" 2-3, 3 "
" 1-2, 3 "
" 1-4, 5 "
" 3-4, 6 "
" 1-4, twice
" 3-4, 6 times
" C 1-4, 5 "

Repeat from A to C twice, then
from A to B once. End:
Levers 1-4, 3 times
" 3-4, 3 "
" 2-3, once
" 1-2, " }
" 1-4, " }
" 3-4, " }
" 2-3, " }
" 1-2, " }
" " } twice



Structo Mfg. Co. —
Freeport, Ill.

**Notes on Pattern No. 31 for the Structo
No. 600 Loom**

This pattern is sometimes known as "Mary Simmons," a modern name.

The draft may be used in several different ways. For an all-over pattern like the star and rose figure, proceed as follows:

Selvage, 4, 1, 2, 3, 4, 1, 2.....	7 threads
Begin with thread 155, thread to the end.	
Repeat nine times	540 "
Then from 155 to 190.....	36 "
Selvage, 3, 2, 1, 4, 3, 2, 1.....	7 "
	590 "

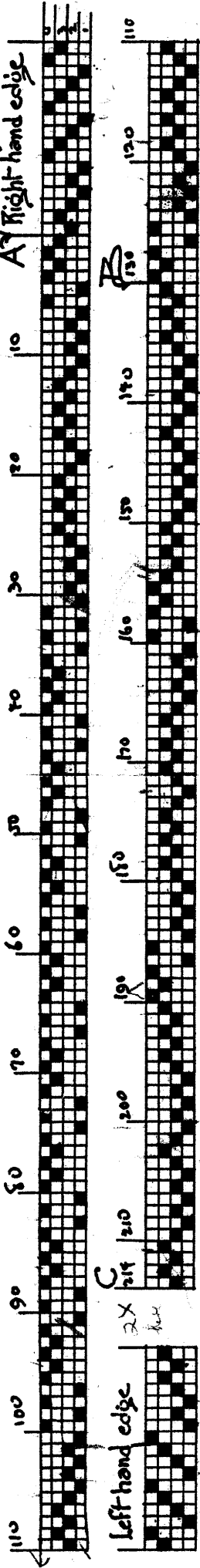
For a smaller form of this draft omit two blocks from the square table (10 threads). Use as a repeat the part of the pattern from the beginning to thread 154, with ten threads omitted this is a repeat of 144 threads.

First thread the right hand edge as shown	
on the draft	16 threads
Then the repeat as indicated above, three times	432 "
Then from the beginning to thread 130	
(10 threads omitted from the table).....	120 "
The left hand edge as written	17 "
	585 "

This leaves five threads over. Two may be added to one selvage and three to the other.

Pattern No. 31, for the Structo[®] 600 Loom. "Queen's Delight"

Threading Draft
A Right hand edge



Thread: Right hand edge: "A" to "C", repeated twice: "A" to "B", once: left hand edge.

Weave with a Tabby
Tabby sheds: 1-3 and 2-4

Weaving Directions

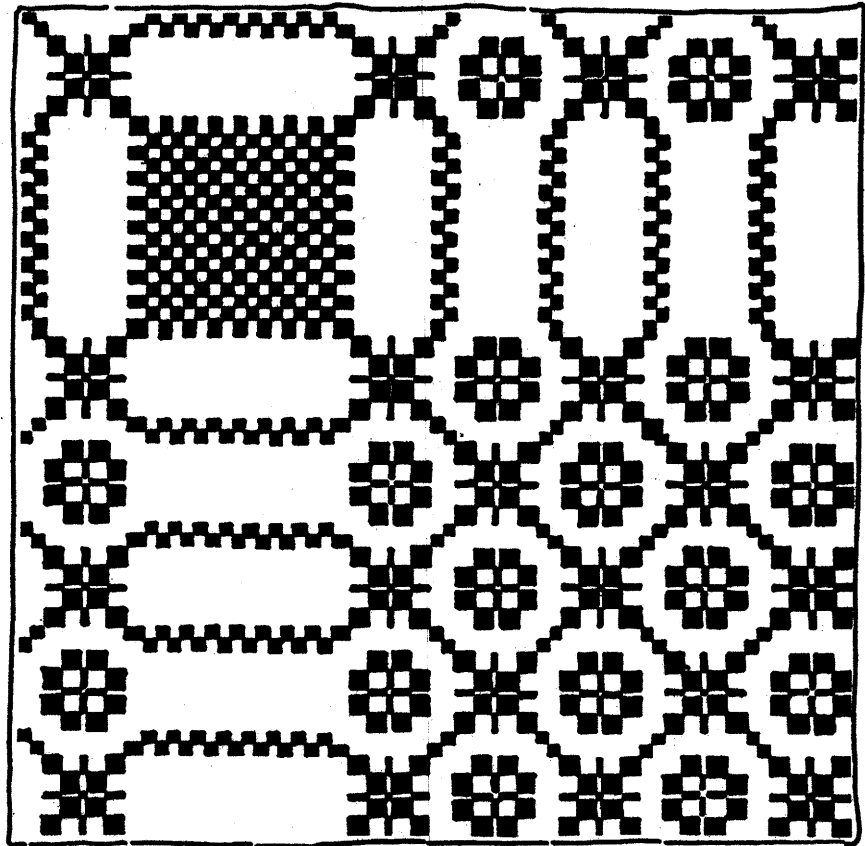
Edge, Levers 1-2, once } Twice
" " 2-3, " }
" " 3-4, " }
" " 1-4, " }
" " 1-2, " }
" " 2-3, 3 times }
" " 3-4, 3 " }
" " 1-4, 3 " }

A Levers 1-2, 3 times
" " 2-3, 3 " }
" " 3-4, 5 " }
" " 1-4, 6 " }
" " 3-4, twice }
" " 1-4, 6 times }
" " 3-4, 5 " }
" " 2-3, 5 " }
" " 1-2, 4 " } 7 times }
" " 1-2, 4 " }
" " 2-3, 5 " }
" " 3-4, 5 " }
" " 1-4, 6 " }
" " 3-4, twice }
" " 1-4, 6 times }
" " 3-4, 5 " }
" " 2-3, 3 " }
" " 1-2, 3 " }
" " 1-2, 3 " }

(Continue):
Levers 1-4, 5 times
" " 3-1, 6 " }
" " 1-4, twice }
" " 3-4, 6 times }
" " 1-4, 5 " }
" " 1-2, 3 " }
" " 2-3, 3 " }
" " 3-4, 5 " }
" " 1-4, 6 " }
" " 3-4, twice }
" " 1-4, 6 times }
" " 3-4, 5 " }
" " 2-3, 3 " }
" " 1-2, 3 " }
" " 1-4, 6 " }
" " 3-4, twice }
" " 3-4, 6 times }
" " 1-4, 5 " }

Repeat from A to C twice, then
from A to B once. End:

Levers 1-4, 3 times
" " 3-4, 3 " }
" " 2-3, once }
" " 1-2, " }
" " 1-4, " }
" " 3-4, " } twice
" " 2-3, " }
" " 1-2, " }



Structo Mfg. Co. —
Freeport, Ill.

M.M. Alwater
4-141
3-154
2-154
1-152

**Notes on Pattern No. 31 for the Structo
No. 600 Loom**

This pattern is sometimes known as "Mary Simmons," a modern name.

The draft may be used in several different ways. For an all-over pattern like the star and rose figure, proceed as follows:
Selvage, 4, 1, 2, 3, 4, 1, 2..... 7 threads
Begin with thread 155, thread to the end.

Repeat nine times	540	“
Then from 155 to 190	36	“
Selvage, 3, 2, 1, 4, 3, 2, 1.....	7	“
	590	“

For a smaller form of this draft omit two blocks from the square table (10 threads). Use as a repeat the part of the pattern from the beginning to thread 154, with ten threads omitted this is a repeat of 144 threads.

First thread the right hand edge as shown on the draft	16	threads
Then the repeat as indicated above, three times	432	“
Then from the beginning to thread 130 (10 threads omitted from the table).....	120	“
The left hand edge as written	17	“
	585	“

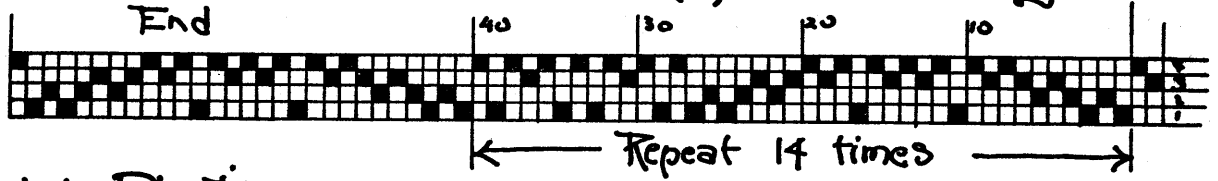
This leaves five threads over. Two may be added to one selvage and three to the other.

Pattern No. 32 for the Structo #600 Loom

Two Small Threadings

Structo Mfg. Co.
Freeport, Ill.

(a) "Solomon's Delight"



(a) Weaving Directions

(a)1

Lever 3-4, 3 times

- 1-4, 3 "
- 1-2, 14 "
- 1-4, 3 "
- 3-4, 3 "
- 2-3, 14 "

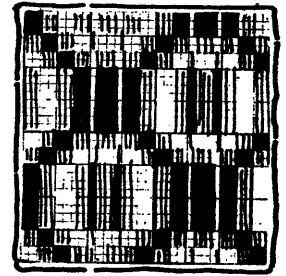
Repeat

(a)2

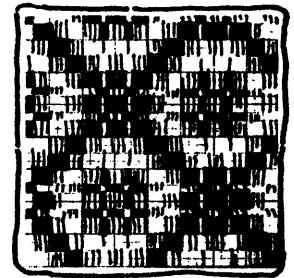
Lever 3-4, 3 times

- 1-4, 3 "
- 1-2, 3 "
- 2-3, twice
- 1-2, 4 times
- 2-3, twice
- 1-2, 3 times
- 1-4, 3 "
- 3-4, 3 "
- 2-3, 3 "
- 1-2, twice
- 2-3, 4 times
- 1-2, twice
- 2-3, 3 times

Repeat



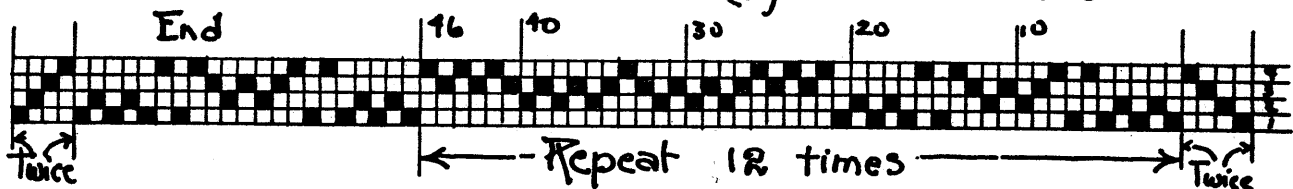
(a)1



(a)2

These patterns are useful for bags and small articles of all kinds. Pattern (a) lends itself to weaving in several colors.

(b) "Cleveland Web"



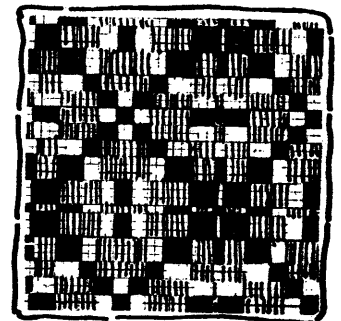
(b) Weaving Directions

Lever 3-4, 4 times

- 2-3, 4 "
- 1-4, 5 "
- 2-3, 4 "
- 3-4, 4 "
- 1-2, 6 "
- 1-4, 6 "
- 1-2, 2 "
- 1-4, 6 "
- 1-2, 6 "

Repeat

Weave both these patterns with a tabby —
Lever 1-3 and 2-4



(b)