# Crackle Weaves 

## Ralph E. Griswold

## Pattern Book

## Handweaving .net $\rightleftarrows$ Weaving Draft Archive

The crackle weaves shown in this pattern book were produced by a program that uses an unconventional design technique [1]. The program explores possibilities, varying the motif, tie-up, and path $[2,3]$ at random. Where necessary, incidentals are added or ends removed in the standard fashion.

WIFs for these crackle weaves are on http:/ / www.handweaving.net, where they can be downloaded without charge.

The patterns here have been derived from the WIFs and provided for browsing and easy identification of patterns of interest.

The patterns are organized first by shape: square, wide, and tall. Within these sections, they are organized by size, width first. Identifying numbers for the WIFs are given below the patterns. For example, 14014 refers to 14014.wif on http:/ / www.handweaving.net.

Material in this document may be used freely for individual projects, but republication is prohibited.

## References

1. Crackle Weave, Part 1: Designing with Blocks and Motifs, Ralph E. Griswold, 2004: http://www.cs.arizona.edu/patterns/weaving/webdocs/gre_crk1.pdf
2. Crackle Weave, Part 2: Tie-Ups and Treadlings, Ralph E. Griswold, 2004: http://www.cs.arizona.edu/patterns/weaving/webdocs/gre_crk2.pdf
3. Crackle Weave, Part 3: Path Design, Ralph E. Griswold, 2004: http:// www.cs.arizona.edu/patterns/weaving/webdocs/gre_crk3.pdf

## Square Crackle Weaves


14424
$92 \times 92$

$100 \times 100$


## Square Crackle Weaves

$100 \times 100$

$108 \times 108$


14818


14110


14115



14122


14142



14158


14106

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14123


## Square Crackle Weaves

## $108 \times 108$



## $112 \times 112$



13412
$116 \times 116$


# Square Crackle Weaves 

$116 \times 116$

$124 \times 124$


## Square Crackle Weaves

$124 \times 124$


## Square Crackle Weaves

$124 \times 124$

$130 \times 130$


13999
$132 \times 132$


## Square Crackle Weaves

$132 \times 132$

$138 \times 138$


1837e
$140 \times 140$


## Square Crackle Weaves

$140 \times 140$

$142 \times 142$


18338
$148 \times 148$


# Square Crackle Weaves 

$148 \times 148$


## Square Crackle Weaves

$148 \times 148$


14317
$154 \times 154$


## Square Crackle Weaves

$154 \times 154$


14050
14059

## 14061

## 14064



14067
14068
14073
14079


14081


14418

## Square Crackle Weaves

$154 \times 206$


13387
$156 \times 156$

$158 \times 158$


13880


13993

## Square Crackle Weaves

$164 \times 164$

$166 \times 166$


13961
$170 \times 170$


14412
$172 \times 172$


13342

## Square Crackle Weaves

$174 \times 174$

$176 \times 176$


13943
$178 \times 178$


## Square Crackle Weaves

$180 \times 180$


13326


14265


## 14279



14291


13384


14267


## 14286



14293


14264



14290


## Square Crackle Weaves

$180 \times 180$

$184 \times 184$


13976

## Square Crackle Weaves

$186 \times 186$


14034


14053


14058


14028


14042


14054


4069


14030


14049


14056


14071

## Square Crackle Weaves

$186 \times 186$


14082
14084


14330


14334


14331


14347

## Square Crackle Weaves

$186 \times 186$


## Square Crackle Weaves

$186 \times 186$


14382
$188 \times 188$

$190 \times 190$



13421
$196 \times 196$



## Square Crackle Weaves

$196 \times 196$


13440
$198 \times 198$


13882
$202 \times 202$


## Square Crackle Weaves

$204 \times 204$


## Square Crackle Weaves

$212 \times 212$


14278


14316
14294


14324


13360



14263


14314


14420

## Square Crackle Weaves

$218 \times 218$


## Square Crackle Weaves

$218 \times 218$


14422


## Square Crackle Weaves

$228 \times 228$

$234 \times 234$


14345
14346

## Square Crackle Weaves

$234 \times 234$


14349
14350


14352
14357


14358
14360

## Square Crackle Weaves

$234 \times 234$


14364
14373


14374
14376


14380

## Square Crackle Weaves

$234 \times 234$


14384
14390


14404


14407

## Square Crackle Weaves

$236 \times 236$


## Square Crackle Weaves

$236 \times 236$


13875


13946
13964
$238 \times 238$


18tez

## Square Crackle Weaves

## $240 \times 240$

 13273

13274


13886

## Square Crackle Weaves

$240 \times 240$

$244 \times 244$


18898


14037

## Square Crackle Weaves

$244 \times 244$


14040


14045


14047


14051

## Square Crackle Weaves

$244 \times 244$


14052
14060


14062


14063


14066

## Square Crackle Weaves



## Square Crackle Weaves

$250 \times 250$


13287


13941


14326


13937


14055


14327

## Square Crackle Weaves

$250 \times 250$


## $252 \times 252$



13285

## Square Crackle Weaves

$254 \times 254$

$266 \times 266$


## Square Crackle Weaves

$270 \times 270$


13299


13435
1
$272 \times 272$


13899

## Square Crackle Weaves

$282 \times 282$


## Square Crackle Weaves

$282 \times 282$


14363


14367
14368

## Square Crackle Weaves

$282 \times 282$


14370
14372


14379
14385

## Square Crackle Weaves

$282 \times 282$


## 14387



14392


14391


14397

## Square Crackle Weaves

$282 \times 282$


14399
14401
$286 \times 286$


13364

## Square Crackle Weaves

$298 \times 298$


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13871

## Square Crackle Weaves

$298 \times 298$


13872
$304 \times 304$


1386

## Square Crackle Weaves

## 304 x 304



13926


14018

## Square Crackle Weaves

$304 \times 304$


14019

## $314 \times 314$



14337

## Square Crackle Weaves



## Square Crackle Weaves

$330 \times 330$


14340


14355

## Square Crackle Weaves

$330 \times 330$


14371


14388

## Square Crackle Weaves

$330 \times 330$


14393


14403

## Square Crackle Weaves

$334 \times 334$

$336 \times 336$


13900

## Square Crackle Weaves

$336 \times 336$


13902
$378 \times 378$


## Square Crackle Weaves

$380 \times 380$


13864
$396 \times 396$


13866

## Square Crackle Weaves



## Square Crackle Weaves

$512 \times 512$


## Square Crackle Weaves

$512 \times 512$


13278

## Square Crackle Weaves

$512 \times 512$


13898

## Square Crackle Weaves

$512 \times 512$

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13899

## Square Crackle Weaves

$599 \times 599$


13281

## Wide Crackle Weaves

$116 \times 76$

$116 \times 80$


13555
$128 \times 80$


13549
$130 \times 86$


13320
$130 \times 94$


13973
$132 \times 64$



13327


13561
$136 \times 116$


13539
$140 \times 92$

$142 \times 94$


14004
$148 \times 58$


13534
$148 \times 98$
 13394
$148 \times 118$


13521
$152 \times 100$


13375
$154 \times 102$
 13368
$156 \times 76$


13318
$158 \times 78$


14012
$158 \times 118$


13488

## Wide Crackle Weaves


$188 \times 52$


13540
$188 \times 92$

$188 \times 128$

$188 \times 140$
 13431
$196 \times 96$

$198 \times 98$


## Wide Crackle Weaves

$200 \times 92$


204 x 152

$206 \times 102$

$206 \times 154$

$212 \times 44$


13503
$212 \times 104$


13434

## Wide Crackle Weaves

## $228 \times 112$



13372


## Wide Crackle Weaves

$236 \times 176$

$238 \times 118$


13969
$240 \times 76$


13552
$244 \times 162$


13958
$246 \times 190$


13863

## $248 \times 108$



13485

## $248 \times 200$



13483
$248 \times 236$


13556

## Wide Crackle Weaves



## Wide Crackle Weaves

$252 \times 188$


13928
$260 \times 240$


## Wide Crackle Weaves

$260 \times 240$

$334 \times 166$


## Tall Crackle Weaves



13579
$58 \times 622$


13526
$62 \times 148$


13570

$64 \times 132$


13082
$64 \times 238$


13532


## Tall Crackle Weaves


Tall Crackle Weaves

$78 \times 334$

|  <br> 13491 |
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Tall Crackle Weaves


13463


13497


13449
$82 \times 358$


13459
$82 \times 478$


13465
$84 \times 80$


13478
$84 \times 178$


13514
$88 \times 178$


13932

## Tall Crackle Weaves



13508
$88 \times 358$


13450


13564
$88 \times 466$

紮緦:

$88 \times 478$

$92 \times 140$


13338
$92 \times 188$

$94 \times 190$


13290
$94 \times 246$


13495

## Tall Crackle Weaves

$94 \times 274$


13482

## $94 \times 310$



13537
$94 \times 466$


13563


13583
$96 \times 196$


13335
$98 \times 198$
 13365
$100 \times 134$

$100 \times 166$


13512
$100 \times 204$


## Tall Crackle Weaves



## Tall Crackle Weaves

$112 \times 164$

$112 \times 228$

$114 \times 358$


13455

## Tall Crackle Weaves

$114 \times 394$

$116 \times 176$

$116 \times 216$


13515

## Tall Crackle Weaves

## $118 \times 358$


$118 \times 478$

13448



13454


13457


13460


13462

## Tall Crackle Weaves


$124 \times 138$


13568
$124 \times 142$


13519


139tg


13307
 18888

## $124 \times 252$



13418
$124 \times 286$


13484
$126 \times 208$


13501
$126 \times 310$


13523

## Tall Crackle Weaves

$124 \times 188$


13307
$124 \times 250$


18880
$124 \times 252$


















 13418

## $140 \times 144$



13510
$140 \times 278$


13486

## $140 \times 286$



13508
$142 \times 286$

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& 152 \times 204 \\
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## Tall Crackle Weaves



13940
$152 \times 224$


13354
$156 \times 236$


1339 :
$158 \times 358$


13447
13465
$158 \times 394$


13927

## Tall Crackle Weaves

$158 \times 478$

$162 \times 244$


## Tall Crackle Weaves

$162 \times 326$


13291
$164 \times 228$


## Tall Crackle Weaves

$166 \times 334$


13301
$170 \times 466$


13513
$176 \times 236$

$184 \times 250$


13968
$188 \times 236$


## Tall Crackle Weaves


$212 \times 236$


13580
$250 \times 334$


## Tall Crackle Weaves



13288
$255 \times 599$


13282

