

A	В
Anarchy: 10, 24-27, 339-353, 459-460	Band saw: 42-43, 182
aesthetics 10, 346-347 Cincinnati Time Store 343-344	Bailey (style) plane: 63
craftsmanship 349-350	Bathing suit area: 50
design 350-351	Beading plane, see Planes
'Josiah Warren: The First American Anarchist' (quote) 347-348 'Native American Anarchism' (quote)	Beckets: see Exterior Add-ons under Tool Chest
24, 347	Bench hook: 31, 283-285
switching from money to time 342-346 tools 351-353	Bench planes, see Planes
tool chests 353	Belt sander: 41
woodworker's perspective 24-27	Birdcage awl, see Awl
Appendices: 463-471 tool list comparison (1658-1973) 463-	Block plane, see Planes
466	Boat building expressions: 115-116
tool dealers & organizations 467-471 Appliance List: 31	Bombproof (or bulletproof) joinery: 350, 361, 419
Appliances for the workshop: 283-306	Bowsaw, see Saws
bench hook 283-285 cork-backed sanding block 293-294 end grain shooting board 287-290 long grain shooting board 290-291 miter box 286-287 miter shooting board 291-293	Boxwood rules: 130-132 buying 130-131 graduations 131 left & right reading 132 lightening the boxwood 132
sawbenches 285-286 workbench & rules for 294-306, see Workbench	Brace: 30, 212-216 chuck 214 features 213-214 pad 216
Arkansas Chris Schwarz and 35, 44-46, 187 oilstones hard & soft 269-270	ratcheting 215 sweep 214-215
Auger bits: 30, 218-222 auger bit file 221 cleaning 220	Brad point bits: 32, 223-224 HSS (high speed steel) 223 quality 223-224
cutting lip 221-222	Burning an inch: 133
lead screws 219-222 spirals 222 spurs 221	Burnisher (for card scraper): 30, 279-281, see Sharpening Systems
Awls: 31, 224-226 birdcage 31, 224-225 brad 225 marking 225-226	Buying tools: 50-56, 62, 467-471 Appendix 467-471 bench planes 62 new tools 53-55 vintage tools 50-53

$\mathbf{C}$	Clinching (or clenching) nails: 226-228
C	Comfort
Cabinet scraper (No. 80): 32, 316-317	handle or tote 75, 232-233
Caliper, dial: 32, 309	tools 55-56 tool chest 359-361
Carcase saw, see Saws	workshop 26, 36-37
Card scraper: 30, 173-177 burnisher for 279-281 hardness 176 preparation 176-177 Sandvik 176-177 sharpening (ruler trick) 177 thickness 175 Carpenter's hatchet; 32, 313-314	Combination squares: 9, 30, 32, 124-127 310-311 6" Combination Square 30, 124-127 gradations & finish 125-126 head composition 126 level 126 usage 126-127 12" Combination Square 32, 310-311
Chisels: 30, 32, 49, 153-164, 323-326	Coping saw, see Saws
Bevel edge 30, 155-160	Cork-backed sanding block: 31, 293-294
blade & side bevels 156-157 handles (or helve) 155-156	Counterbores: 30, 211-212
Japanese 159-160	Countersinks: 30, 211-212
metric 160	Crosscut saw, see Saws
socket 158-159 tang 158	Cupcake: 223
Drawer lock 32, 325, 326 Fishtail 32, 324-325	Cutting Tool List: 30
Honing guide for 334-336 Mortise 30, 160-164 blade 163-164 handles 161-163 overview 160-161 sizes 162 styles 163	Dead-blow mallet: 30, 198-200 composition & fill 198-199 qualities 199-200 Dial caliper: 32, 309
Paring 32, 323-324	multiple uses 309
Chisel mallet: 30, 188-191 materials 188-189, 190-191 shape 189, 190 weight 189	Dividers: 30, 146-150 the points 148 spring action 149 friction 149
Chisel-shaped objects: 50	measuring with 147-148
Chris Schwarz's Shop Plan (7 Step): 26	Dovetail joints (See also bombproof joints)
Cincinnati Time Store: 343-344	Tool chest construction 388-415
Clamps: 31, 302-304, 424 cabinet 31 dovetail joint 424 workbench 302-303	Shell dovetail joints (in order) rabbet cut 388-389 marking the baseline 389-392 cutting illustrations 390-392 removing waste 392-395 transfer the shape of the tails 395

handle 195-197, 198 head 194-195

knifing in the joint 396-397 cut the pins 397-398 assembly 398-400	Fastening (and Striking) Tool List: 30-31
Skirt dovetails 409-412 Dust seal 412-415	Feather files, see Japanese saw files
Dovetail marker: 32, 311-312	Files: 32, 221, 330-332
Dovetail saw, see Saws	auger bit file 221 mill files 32, 331-332
Dovetails take wing: 117	saw files 32, 330-331
Dowel plate: 31, 226-228	Fillister, see Rabbet Planes, under Planes
Dowel skinning: 226-228	Fishtail chisel, see Chisels
Drawbore pins: 32, 327-328	Fleam : 237, see Saws
Drawer lock chisel, see Chisels	Flush cut saw, see Saws
Drawknife: 32, 314-316	Folding wooden rule, see Rules
bevel-up or bevel-down 315-316	French marks: 194, 195, see Hammers
Drift pins, see Drawbore pins	Fore plane, see Jack Planes, under Planes
Drills  hand 30, 216-218  vintage 216, 218  gearing 217-218  bits & brad point bits 218  battery powered 185, 216  Drill press: 43, 182, 185	Gauges: 29, 117-124 cutting 29, 117-118 marking 117-118 mortise gauge 120 panel gauge 29, 122-124 using gauges 120-122 wood or metal 118-120
Eastern white pine: 383-384	Girl hammer: 191
Eggbeater (hand drill), see Drills	Good Books: 19
End grain moistening 105 shooting board 287-290 spelching 104-105 tool chest lid 367-368	Good To Have Tool List: 32 Grinder: 31, 275-276 electric 275-276 hand cranked 275-276
wooden straightedge 139	Grinding: 267, 274-276, see Sharpening Systems
English layout square, see book cover	-0
Essential Tool List: 29-31	Н
	Hammers: 30, 187, 191-198 claw 30, 193-198

router planes 108-109

228

Iron plate (or steel) for clinching nails: 226-

cross-peen (or pein) 30, 191-193 vintage 197-198 Hang angle, see Saws Jack plane, see Planes Hand Plane List: 29, see also Planes Japanese carpenters 426 Hard black oilstone: 269, see Sharpening chisels 156, 190 Systems joinery in a Shinto temple 188 Harlequin tool: 51 nailset 201 planes 67 Hatchet, carpenter's: 32, 313-314 saws 235, 252-253 Hinges: 228, 425-429 saw files (feather files) 330 swaging a hinge 228 Shinto temple 188 for the tool chest lid 425-429 single bevel knife 134 waterstones 271 History of tools website (owwm.com or VintageMachinery.org): 182 Jointer, powered: 182, 183, 185 Hollow chisel mortiser 43, 184 Jointer Plane (or Try Plane), see Bench Planes, under Planes Hollow & Round planes: see Moulding use on panels for the tool chest 388 Planes, under Planes Joints, see Dovetail or Miter Hong Kong Planes: 67 Honing: 268, see Sharpening Systems Honing guide for chisels & plane irons: 334 Kerf, see Saws Ideal Sawyer, The: 263-265 Lathe: 44 Infill Plane, see Bench Planes, under Planes Lead screws, see Auger bits Irons: see each type of plane, under Planes honing guide for 334 Lid for the tool chest: 366-371,419-430 construction 419-425 Irons for the Five Essential Planes, also see hinges for 425-429 Planes illustration with dimensions 430 bench planes 66 rules for the tool chest lid 366-371 block planes 101-102 jack planes 75-77 Linish: 104 plow planes 83, 84, 85 rabbet planes 91, 94, 97

Machines for the workshop: 179-185

Old Wood Working Machines web

buying principles 180-182 for hand tool users 183-185 for power tool users 182

site (now VintageMachinery. org) 182	O
Mallets 30, 188-191 chisel 30, 188-191 dead-blow 30, 198-200	Ogee, see Moulding Planes, under Planes Oil (camellia): 105 oil can 31, 279
Marquetry: 254-255	Oilstones: 269-270, see Sharpening Sys-
Marking and measuring tools: general 115-117, 150	tems Ovolo, see Moulding Planes, under Planes
Marking and Measuring Tool List: 29-30	_
Marking knife: 30, 133-135	P
Mill file: 331-332	Paint for the tool chest: 450-452
Miter box: 41, 286-287 shop-made vs. metal 286 adjusting 287	Panel construction for the tool chest lid: 419-423
saw & the manual box 287	Panel saw, see Saws
Miter joints, see also Miter box	Paring chisel, see Chisels
miter shooting board 291-293 tool chest 365-366, 368-369	Pegs, skinning: 227, see also Dowel Plate or Dowel Skinning
Mortise float: 32, 325-327	Planer, powered: 182
Mortise chisel, see Chisels	Planes: 29, 32, 59-112, 312-313, 317-323,
Mortise gauge: 120	372-374, 439
Mortises for the tool chest lid : 420-421	Hand Plane List 29 Bench plane overview 59-71
Mortiser, hollow chisel: 43, 184	metal body 62-64
Moulding planes, see Planes moulding plane corral in the tool chest 437-441	bevel-up metallic 64 wooden body 65-66 from the Far East 67 Transitional 68-69
Mutualism: 347	Infill 69-71 Five Essential Planes (in order) 59-112 Jack Plane 59-60, 61, 72-80
N	sole 73 frog 74
Nail clinching or clenching: 226-228	tote 75 mouth 77
Nail pincers or nippers: 30, 202-203	weight 77
Nailsets: 30, 200-202 sexiest 200	controls 77 cutting pitch 77-78 using 79-80
Nicker, see Rabbet Planes, under Planes	Plow Plane 60, 80-90 metal or wood 82-84 irons 85 fence 83, 85-86

skate 86	Small Ovolo or Ogee 32, 320-321
wedge 86	Planes in the tool chest: 372-374, 437-438
depth stop 82, 87	
tote 87-88	Plow plane, see Planes
wood selection 88	Plywood: 39-41
using 88-90	DDI (points per inch serve), 936 937 see
Rabbet Plane 60, 90-99	PPI (points per inch, saws): 236-237, see Saws
forms 91-93 straight 91	
skew 91	Polishing: 268, see Sharpening Systems
standing 92	
standing fillister 92	R
moving fillister 92	1
wood or metal 93-94	Rabbet plane, see Planes
iron choice 94	rabbet cut & dovetails 388-389
fillister or straight choice 95	Rake (saw teeth): 236
shoulder plane 95-96, 97	Rake (saw teetii). 200
sole & boxing 96	Rasps: 30, 154, 170-173
mouth 96	machine vs. handmade 171
chipbreaker 97	grades & grain numbers 172
skewed iron 97	what you need 173
nicker 97	Rip saw, see Saws
fence 97	Router plane, see Planes
bullnose setting 97	Router plane, see I lanes
fence posts 98	Ruler trick (for sharpening card scrapers):
using 98-99  Pleads Plane 60, 99, 105	177
Block Plane 60, 99-105 angle 100	Rules (for Measuring): 30, 127-132
mouth 101	6" rule 127-129
lateral adjustment 101-102	graduations & finish 129
cap type for securing iron 102-103	24" rule 129-130
length & width 103	metal 130
bedding finish 104	wooden folding 130-131
using 104-105	graduations 131
Router Plane 60, 106-112	left & right reading 132
size 106	lightening boxwood 132
composition 106-108	Rules for The Ideal Sawyer: 263-264
iron shape 108-109	Rules for a Good Tool Chest: 358-381
mouth type 109	
depth stop 109-111	Rules for the Workbench: 295-306
adjusting depth 111	
using 112	S
Other Planes Moulding Planes 32, 317-323, 437-	S
439	Sanding block, cork-backed: 31, 293-294
Beading Plane 32, 317-319	Sandpaper: 294, see Sharpening Systems
Hollows & Rounds 321-323, 439	
numbering system 322-323	Sawbenches: 31, 42, 285-286
0 0	

Saw files: 330-332 Mill file 331-332	handle 260 blades 261
Saw List: 31, 236	teeth 262
Saw till in the tool chest: 433-437 illustration & dimensions 440-441	blade ends 262-263 Other Saws Bowsaw 328-330
Sawnut drivers: 30, 209-211	use for fretwork 328-329 two-handed technique 329
Saws: 9, 13, 31, 231-265, 328-330	blades 330
handle or tote 232-233 hang angle 233	Saws in the tool chest: 373-374
saw blade 233-235	Saw set: 32, 333
straightness 234	Saw vise: 32, 332-333
thickness 235	,
shine 235 teeth 235-238	Sawyer, The Ideal: 263-264
rake 236	Screw tips (for drill/drivers): 30, 208-209
size 236	Screwdrivers (straight/slotted): 30, 204-
PPI List for each saw type 236	208
fleam (bevel) 237	handles 207-208
set 237	tip material 206-207
sharpening 237, 330-333	tip profile 205
Essential Saws (in order): 238-263	tip width & thickness 205-206
Dovetail Saw 236, 238-240	Sharpening List: 31
teeth 238, 240	
blade 238	Sharpening & Sharpening Systems: 31,
handle 238-239	177, 267-281,330-336
other details 239-240	Honing & Polishing
Carcase Saw 236, 240-243	Oilstones 269-270
length 241-242	Stropping 270-271
totes 242	Waterstones 271-274
teeth 242-243	soaking 272
Tenon Saw 236, 243-247	grits 272-273
blade 244-245	cost 273-274
teeth 245-246	flattening 274
technique 246-247	lubricating stones 279
Panel Saw 236, 247-250	Grinding 274-276
length 248	Sandpaper sharpening 277-278
types 248-249	Burnisher 279-281
Rip saw 249	Other tools for sharpening
Crosscut 249-250	Honing guide for chisels & plane
Flush cut Saw 250-253	irons 334-336
teeth 250-253	Ruler trick for card scrapers & plane
handle 253	irons 177
Coping Saw 253-263	Saw Files & Mill Files 330-332
general information 253-258	Saw Set 333
essential points & design 258-259 blade rotation 259	Saw Vise 332-333

Sharpening stones for honing & polishing: 31, 269-274	T
Shinto: 188, 426	Table saw: 42-43, 182, 184, 185,
Shooting boards: 31, 287-293	Tables, the three: 339-342, 345, 351
end grain 31, 287-290 long grain 31,290-291	Tape measure (12'): 132-133
miter 31, 291-293	Tenon saw, see Saws
Shoulder plane, see Rabbet Planes, under Planes	Tenons (for the tool chest lid) photo: 421-422
Side-clamp honing guide: 32	Timing (screw heads): 427
Sliding bevel square: 30, 144-146 butt locking 146	Tool Chest: 355-453 development 355-357
Smoothing Planes, see Bench Planes, under Planes	Rules for a Good Tool Chest 358-381 size 358-361
Spelching: 79, 80, 104-105, 293, 386	weight & strength 361-362 shell 363-364
Spokeshaves: 30, 164-170 adjusters 167-168 bed 168-169 bevel type 166-167 size 170 sole shape 169-170	bottom construction 364-365 skirt & dust seal 365-366 lid 366-371 exterior add-ons 371-374 Interior layout 371-378 sawtill 373-374
Squares: 9, 30, 32, 124-127, 144-146 6" combination square 9, 30, 124-127 12" combination square 32, 310-311 sliding bevel square 30, 144-146 wooden try square 30, 142-144 how to make 143-144	plane corral 372-374 trays 374-377 tills 377-378 storage on lids & walls 378 Finish 379, 381 Construction Details 383-452 (in order) The Shell 383-405
Stanley plane numbering system: 61-63	dimensional drawings 404-405 wood selection & preparation 383-
Stanley style plane: 63	386, 365
Staves: 82	making panels 387-388
Stitching: 171, see Rasps	dovetail details 388-400 bottom 400-403
Straightedge, 36" wooden: 138-142 how to make 140 other shapes 140-142	battens 403 The Skirt 407-417 dimensional drawings 416-417
Striking & Fastening Tool List: 30-31	plinth design 407-408 fitting 408-409
Strop: 31, 270-271, see Sharpening Systems	dovetail details 409-412
Swaging (hinges): 228	dust seal 412-415 Lid & Hinges 419-430 dimensional drawings 430 design 420-422 panel construction 423

lid skirt 424-425 hinge 425-429	V
Sawtills & Plane Storage 433-441 dimensional drawings 440-441 sawtill construction 435-441 moulding plane corral 437-438	Vintage tools, see under each category of tools for comments  Vises
Trays 443-447 dimensional drawings 453 runners 444-445 construction 445-447	saw vises 332-333 workbench vises 304-305
Construction 445-447 Bottom details securing to the shell 447-448 casters 448-449	W
Lock 448-449	Washita oilstone: 269
Finish (the Anarchist way) 450-452	Winding sticks: 30, 54, 80, 81, 135-138
Tool ghetto: 200, see also nailsets	how to make 137 tips on usage 137-138
Tool Lists	Wood bleach: 132
'Academie of Armory' (Holme's) illus-	
tration 21	Wood selection: 88, 297-298, 383-386, 361-
Essential Tool List 29-31	365, 443-444
Good to Have Tool List 32 Tool Lists 1678-1973 (comparison) Ap- pendix 463-466	Workbench: 31, 42, 294-306 location 42 Rules for Construction 294-306
Tool-shaped objects: 13, 153	weight 295
Tools	joints 296
buying new 53-55	wood selection 297-298 design 298
buying vintage 50-53	critical dimensions 299-301
dealers & organizations 467-471	versatility 301-302
history (VintageMachinery.org) 182	clamp friendly 302-304
Trammel points: 32, 336-337	finish 305
Transitional Plane, see Bench Planes, under Planes	window & natural light 305-306 Workshop
Translucent oilstone: 269, see Sharpening	appliances for 283-306, see also Appliances
Systems	remodel of Chris's workshop 36-46
Try square, 12" wooden: 142-144 how to make 143-144	Seven rules for 26

Try Plane (or Jointer Plane), see Bench Planes, under Planes

Tube top: 383

94 Metal rabbet plane

# Photos & Illustrations By Page Number

Dedication page: lock on the Anarchist's	100 Metal block plane
Tool Chest	103 Block plane screw feed mechanism
Page	105 Block plane beds
17 Windsor beader	107 Router planes, pocket & purse size
19 The good books	110 Open mouth router plane
21 Randle Holme's "Academie of Armory" tool chart	111 Router plane depth stop
23 Strapped hammer for upholstery	116 Modern cutting gauge
25 Coachmaker's shop	118 Shop-made marking gauge
37-46 Chris's workshop remodel	119 Marking gauge with pins filed for ter
48 Chisel/rasp combo tool (chasp ? risel?)	121 Marking gauge pins
50 Stanley No. 5 metallic jack plane	122 Panel gauge
53 Chisels	125 6" Combination rule
55 Metal plane tote	127 6" Rule
60 Jack plane	128 Folding rule
61 Bench planes of various sizes	131 Alignment pins on a folding rule
62 Metal bench plane	133 12' Tape measure
63 Metal plane	134 Cutting knife
66 Wooden plane	136 Winding sticks
67 Far East plane	139 36" Wooden straightedge (fancy)
69 Transitional plane	143 Wooden try squares
70 Infill plane	145 Sliding bevel square
72 Jack plane iron	147 Dividers
73 Jack plane sole	155 Set of bevel-edge chisels
74 Jack plane	157 Bad & good chisel blade bevels
76 Jack plane sharpening	159 Three styles of chisels
78 Wood shavings from a wooden-bodied fore plane	161 Mortise chisels
80 Spelch stopper	165 Spokeshave
81 Winding stick set-up	167 Spokeshave adjustment mechanism
82 Wooden & metal plow planes	171 Rasps
	174 Card scrapers
83 Reproduction of a center wheel plow plane by Jim Leamy	182 Power planer
87 Plow plane depth stop	183 Band saw
89 Plow plane hand placement	184 Hollow chisel mortiser
92 Wooden rabbet plane	189 Chisel mallets
93 Wide skew rabbet plane	192 Cross-peen hammers

193 Claw hammer

195 Wooden hammer handle shapes	289 Small land on the side of a plane mouth
196 Strapped hammer	291 Jointer plane & long grain shooting
199 Dead-blow mallet	board
201 Nailset (unsexy)	292 Miter shooting board
202 Nail pincer	294 Sanding block
204 Straight screwdrivers	295 French style workbench
208 Screw tips for drill/drivers	297 Sliding dovetail & through-tenon on a French style workbench
210 Sawnut drivers	303 Clamp-friendly workbench
211 Countersink	304 Vise placement on a workbench
213 Brace	306 Dominy Workshop at Winterthur
216 Hand drill (eggbeater)	310 Digital caliper
219 Auger bits	311 12" Combination square
220 Lead screw	311 Dovetail marker
223 Brad points	312 Large shoulder plane
225 Birdcage awl	315 Drawknife
227 Dowel plate	317 Scraper plane
232 Saw tote	319 Beading plane
234 Saw plate	320 Moulding plane
235 Saw teeth	322 Round moulding plane
239 Dovetail saw	324 Paring chisel
241 Carcase saw	325 Fishtail chisel
243 Tenon saw	326 Drawer lock chisel
246 Tenon saw angle	327 Mortise float
247 Panel saw	328 Drawbore pins
251 Flush cut saw	329 12" Bowsaw
254 Coping saw	331 Mill file
259 Jones patent coping saw string	332 Saw vise
261 Coping saw blades	334 Honing guide for chisels & plane irons
268 Oilstones	335 Honing guide with top & bottom clamp
270 Strop	336 Trammel points
271 Waterstones	340 The last dining table
275 Hand crank grinder	349 Dovetails (the anarchist's joint)
276 Sandpaper grinding of a router plane's	351 Chest of drawers
sole	
279 Oil can	352 Favorite saw
280 Burnisher	353 Anarchist's square engraving on a jack plane
284 Bench hook	357 Bottom of tool chest showing saw till
285 Sawbenches	& planes
286 Miter box	359 Human tripod to reach into the tool chest
288 Shooting board	362 Shell panels clamped

- 363 Securing tool chest bottom with nails
- 365 Dovetails on the tool chest skirt
- 367 Miter joint failure on a tool chest lid
- 368 Frame & panel lid detail for the tool
- 370 Iron handles for the tool chest
- 373 Plan for the tool chest interior
- 375 Large sliding till in the tool chest
- 376 Open tool chest showing three trays
- 379 Painted finish on the tool chest
- 380 The finished tool chest
- 381 Small tool chest
- 384 Wood boards for the tool chest shell
- 385 No narrow widths
- 386 Thick wood curls from traversing a
- 387 Shell panels clamped with grain in same direction
- 388 Jointer plane to flatten panels
- 389 Shallow rabbet cut on the inside of the tail boards
- 390 Dovetail sloped pencil marked on the face of the board
- 390 Beginning the tail cut
- 391 Accelerating the tail cut
- 392 Sawing to the baseline
- 393 Tail cuts before chiseling the waste
- 394 Sighting vertical with the chisel in the tail
- 394 Halving the last 1/8 inch of waste
- 395 Removing the last 1/16 inch of waste
- 396 Aligning the tail board & the pin board with a chisel
- 397 Knifing the shape of the tails to the pin board
- 398 Sawing the pin board
- 399 Pin board before removing waste with a coping saw
- 399 The finished dovetail joint
- 400 Assembling the shell
- 401 Nailing the bottom boards in place
- 402 Battens on the bottom of the tool chest
- 402 Carcase assembled & truing with a try plane

- 403 Truing the end grain of the bottom boards with a metal try plane
- 404 Dimensional drawings of the shell & underside
- 405 Dimensional drawings of the shell elevation & profile
- 408 Laying out the baseline for the skirt dovetail joints
- 410 Tool chest skirt with three tails
- 411 Marking the length of the fourth skirt board
- 412 Chamfered skirt before assembly
- 413 Skirt dry assembly before gluing
- 413 Fragile (failed) dust seal
- 414 Single dovetail for each corner of the dust seal
- 415 Cut the chamfer before assembling the dust seal
- 415 Clamps at each corner to pull the dust seal to the carcase
- 416 Dimensional drawings of the skirt elevation & profile
- 417 Dimensional drawing of the shell exterior with the lid removed
- 420 Through mortises for the corners of the lid framework
- 421 Panel fitting into the groves in the rails & stiles
- 422 Long tenons for more gluing area
- 423 Trial fit of the lid of the lid frame before gluing
- 424 Clamping on the baseline to press the skirt to the lid
- 425 Driving cut nails through the skirt and into the lid
- 427 Timing the screw heads on the hinge
- 428 Installing & cutting mortises for each hinge leaf
- 429 Bevel the excess of the lid's skirt for a stop
- 430 Dimensional drawings of the lid plan & overall
- 434 Sawtill mock-up
- 436 Attaching the sawmill parts to the wall
- 437 Cleats to install the wall between the sawmill & the plane well



- 438 Cleats for the low wall for the moulding & rabbet planes
- 440 Dimensional drawings of the chest interior overall & profile
- 441 Dimensional drawing of the chest interior wall profile
- 444 Runners for the trays
- 445 Two through dovetails for the corners of the small trays
- 446 Middle tray length is shorter
- 447 Nailing the tray bottoms
- 448 Nail the bottom boards of the shell through the skirt
- 449 Metal casters for the tool chest
- 449 Tool chest lock & key
- 450 A guide to line up the center pin of the lock
- 451 Mask off the area that won't be painted (rim)
- 453 Dimensional drawing of the trays overall

## A List of Personages Mentioned in 'ATC'

Anonymous ("The Joiner and Cabinet Maker" 1839), p.22, 463-466

Auriou, Michel (French rasp maker), p.172

Bailie, William ("Josiah Warren: The First American Anarchist" 1906), p.347-348

Baker, Glenn E. ("Carpentry & Construction"), p.257

Bailey, Leonard (developer of the metal bench plane), p.63

Biesemeyer, Bill, (woodworker), p.15

Blackburn, Graham, (woodworker), p.19-20

Blanchard, Clarence (Fine Tool Journal & tool dealer), p.468

Bode, Jim (tool dealer), p. 468

Boggs, Brian (chairmaker), p.169, 315

Cescinsky, Herbert (antique furniture expert), quote p.48

Clark, Josh (tool dealer), p.469

Diderot, Denis, ("Encyclopedie"), p.25

Duginske, Mark ("Band Saw Handbook"), p.257

Dunbar, Mike (bowsaw use), p.315, 329

Felebien, Andre ("Des Principes de L'Architecture"), p.25

Fenner, C.A. (patent for coping saw mechanism), p.255

Filbeck, Russ (woodworker), p.315

Flexner, Bob, p.293

Grimshaw, Robert ("Grimshaw on Saws" 1882), p.20

Guy M. Jones Co. ("Trade Foundations"), p.256

Hayward, Charles H. (*The Woodworker* magazine, "Tools for Woodworking"), p.14, 22, 256, 356, 456, 463-466; quotes on p.12 and p.455

Holme, Randle ("Academie of Armory, Book III" 1688), p.20-21, 22, 463-466

Holtey, Karl (custom plane maker), p.69

Jones, William (patent for coping saw), p.255 Klausz, Frank (Frank's Cabinet Shop), p. 179-180

Latta, Steve (period woodworker), p.355

Leach, Patrick (tool dealer), p.469

Lynch, Carlyle (drawings for a Duncan Phyfe tool chest), p.356.

Maydole, David (adze-eye hammer innovation), p.197

Mehler, Kelly (woodworking school in Berea, Ky.), p.36-37

Miller, Rex ("Carpentry & Construction"), p.257

Morrow, Christopher (patent coping saw), p.255

Moss, Sanford (tool dealer), p.470

Moxon, Joseph ("Mechanick Exercises" 1678), p.14, 20-21, 22, 23, 463-466

Murland, Tony (tool dealer), p.470

Nutting, Wallace ("Furniture Treasury"), p.351

Parrish, Al (photographer), p.179

Peart, Darrell (woodworker), p.350

Phyfe, Duncan p.23, 356, 377, 369

Price, Tom (woodworker), p.220

Proudhon, Pierre-Joseph (mutualism), p.347

Quadrato, Walt (tool dealer), p.470

Richmond, Lee (tool dealer), p.471

Roubo, Andre ("L'Art du Menuisier", "Le Menuisier Ebeniste" 18th c.), p.14, 23, 25, 142, 254

Schuster, Eunice Minette ("Native American Anarchists"), p.24-25, 347

Seaton, Benjamin, p.14, 358, 463-466

Sexton, Troy (professional cabinet maker), p.456-458

Simms, Robert, p.14

Spons ("Mechanics' Own Book"), p.376-377

Sturt, George ("The Wheelwright's Shop"), p.459

Swartz, Clarence Lee (mutualism), p.347



Traut, Justus (developer of the metal bench plane), p.63

Underhill, Roy (woodworker), dedication page

Van Valen, Leigh (evolutionary biologist), p.34 (quote)

Warren, Josiah (Cincinnati Time Store), p.343-344, 347

Watson, Aldren A. (woodworker/author), p.257

Wearing, Robert ("Making Woodworking Aids & Devices", "The

Essential Woodworker"), p.256, 283

Weber, Don (woodworker), p.315

West, Jessamyn (cousin to author & blogger), p.346-347

Wright, David (woodworker), p.315

### Some Notable Ouotes

#### Charles H. Hayward from The Woodworker:

"(Tools and skills), in the dawn of the world were a man's first, best friends. They remain his best friends still in a world grown old and infinitely complex. By means of them he can unlock the doors to a life of creative activity that is full of interest. Without them he is mere shadow of the man he might be."

- May 1954 (p.12)

"If we as craftsmen still keep our judgements keen and our tastes discriminating; if, that is to say, we persist in being individuals still, we can do something to stem the tide. But those children, who have gone out into the very heart of their own land and seen for themselves, and weighed things in the balance as children do, I think they will do even more."

April 1940 (p.455)

#### Herbert Cescinsky:

"A dog kennel carved and inlaid may be rare but it is not valuable, and the man who carved and inlaid it was not a genius but a lunatic."

— 1924 (p.48)

#### Christopher Schwarz:

"When I am too exhausted, ill or busy to work in my shop, I will shuffle down the stairs to my 15' x 25' workshop and simply stand there for a few minutes with my hands on my tools." (p.9)

"...my relationship with my tools is like a tumultuous combination of an Italian family drama, a bigamist's decision about whom to sleep with and a careful gardener." (p.9)

"Build stuff until I croak." (p.26)

"I wasn't destined to have the same dream as my father. I am a different person with different DNA. But between us the urge to build is undeniable. In the driver's seat in 1981, he knew that. I didn't. But I do now." (p.46)

"One of the other advantages of infill planes is hard to quantify. Most woodworkers (me included) find them fetching." (p.71)

"The jack plane usually has a curved iron so it can hog off wood with extreme prejudice. But the plane, like me, has a more sensitive side, too." (p.72)

"So Viva La Rabbet!" (p.91)



"Gauges are the tools that guide other tools. They lay out the lines that you work to: the baseline of where your dovetails take wing from your board. The width and depth of a rabbet. The cheek of a tenon. The wall of a mortise." (p.117)

"Most woodworking requires two hammers. One is for driving the big-boy nails. The other hammer (called the "girl" hammer....) is for driving sprigs and making sensitive tool adjustments." (p.191)

"The following is my handsaw Kool-Aid: If you can see the line, you can cut the line. Any line." (p.231)

"Sharp fixes everything." (p.316)

"But the third table, our last table, is perfect. Most nights at dinner I reach under its top and feel the ridges left behind from my fore plane — long and shallow troughs across the width of the tabletop that feel like gentle Atlantic waves." (p.345)

"If a woodworking renaissance ever occurs, then you and I will have laid the groundwork for future generations of craftsman.....We will have gathered the acorns from around the fallen tree and spread them throughout the land in the hope that some of them will take root to replace what was lost after the war." (p.460)

"But until that day comes, let's just keep this little anarchism thing between you and me." (p.475)