

The DOVE-TALE

Volume #8 - 4th Quarter

GUILD of MAINE WOODWORKERS
Newsletter



ON the COVER



Pictured are 5 “torpedo” levels, an older designed bench tool not currently made (although there are some plastic variations existing). From the top: Marples, Rabone, Preston Rabone, & Disston. Disston is American made & the 4 others are British in origin.

Left: The two top levels are made of mahogany & brass trimmings. The Disston is unusual in its design and aluminum frame. Disston, a saw make got into some other tool production just as Stanley Rule & Level Co. got into plane making.

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STATEMENT: All woodworkers, from beginners to professionals, are invited to join the Guild of Maine Woodworkers where individuals can meet and share their knowledge and skills. Monthly meetings include demonstrations, tool discussions, and guest speakers, as well as the popular “show & tell” when members show off their woodworking projects, tools or gadgets. Meetings rotate around member’s shops. Maybe you’ll get some ideas for your shop. If you need help on a project, the Guild is the place to be.

CALENDAR OF EVENTS

YEAR 2017

January 24th	Guild Meeting	Rolf Dries shop	Windham
February 21st	Guild Meeting	Bob Landry shop	Durham
March 11th	Field Trip	Shelter Institute	TBD
April 18th	Guild Meeting	Ron Boes shop	Windham
May 16th	Guild Meeting	Dell Osman shop	Gorham
June 10th	Field Trip	Windsor Chair	TBD
July-August	Summer break—no guild meetings		
(July 8-9)	Lie-Nielsen	Open House & Lobster Bake	(optional)
Sept. 16th	Annual Picnic	Dan Crowley	New Gloucester
October 17th	Guild Meeting	Rob Brand shop	Naples
November 21st	Guild Meeting	Ron Hodgdon shop	Durham
December 9th	Quarterly Mtg.	Wes Sunderland	Baldwin.

Meetings: Guild meetings are scheduled the 3rd Tuesday evening, 6 pm, each month except quarterly months. Quarterly meetings are March, June, September, and December, held on the 2nd Saturday of the month and begins at noon. No Guild meetings during July & August, summer break. Other activities are optional.

<u>Officers</u>	<u>Year 2017</u>	<u>Departments</u>	
President	Wesley Sunderland	Membership	Wesley Sunderland
V. President	Dell Osman	Webmaster	Frank Southard
Secretary	Frank Southard	Newsletter	Wesley Sunderland
Treasurer	Pat Sunderland		

Trustees

Terms:	2019	2018	2017
	Ron Boes	Frank Southard	Wes Sunderland
	Rolf Dries	Forrest Proctor	Bob Landry
	James Siracuse	Bill Lewis	Rob Brand

Mission: The Guild of Maine Woodworkers, Inc. purpose is:
 To promote the knowledge of woodworking as a craft to the public
 To further educational activities for members and interested individuals
 To promote professional woodworkers with their ventures.

Two thousand sixteen has ended and I have not made much that can be called furniture. Actually none unless I count the new shop stool/chair I “threw together” in about six hours. That was possible because I had the seat part made from a previous demonstration performed that showed how to shape a chair seat on a table saw. There's a photo of the seat/chair/stool later in this publication. Surprisingly enough, the dimensions that were somewhat guessed at during the making actually work. It's comfortable, and even functional. It enables me to sit next to the bench and work at detailed projects such as dovetail making and carving without having a strained back for a few days afterwards.

The December Guild meeting was well attended. The group suggested a couple of good quarterly meeting outings that still need to be arranged and confirmed. One outing may be to the “Windsor Chair Shop” in Lincolnville. That's NE on route #1 just shortly beyond Camden. The second outing may be to “The Shelter Institute” and its timber framing school. That's also along route #1 shortly after Bath. Of course, their tool store will be visited. A bonus is that they have an excellent book selection offering other topics besides woodworking.

We had a good “show & tell” session at my shop for the December meeting. I was able to show many things that are not practical to lug to other shops & meetings. Because some of my woodworking background involved doing woodworking at job sites, I've designed two collapsible work implements. They are a take down miter boxes saw table and a folding work bench. As much as I do not desire to install jobs, if I need to then I'm going to do it in some comfort and convenience. I've quit working off the floor. As a woodworker, I refuse to purchase a “toolmate” work bench or some pipe & truss formed folding chop saw table. However I must say about installation endeavors, you really get to know cabinet-making (or other projects) when you need to install them. All the little difficulties that do not show up in drafted renditions become real problems on the installation site.

Another session of “show & tell” was my new solar collector gaining heat from the sun in a window. First was a simple trial collector (proto type) proving it worked, sometimes gaining as much as 90 degree heat. Second was a complicated two window design that did not work! (A lot of reasons why not !) Finally, a most simple form was made of aluminum flashing that worked wonderfully. With a small plastic thermometer taped to the back and on a 35-40 degree day at high noon, it achieved about 110 degree heat gathering. Sometimes, simplicity works best.

However, 2017 will be the year of furniture making. Promises, promises, promises !!!



Pat (white hair) having a discussion with members as food and drink (coffee) is being consumed.



Members viewing a “show & tell” item.
(bad lighting !!)



Demonstration of making a cope cut on a molded edge to fit a mortise & tenon joint. Three methods were shown: machine cut, 45 degree corner cuts, and hand cope cuts.



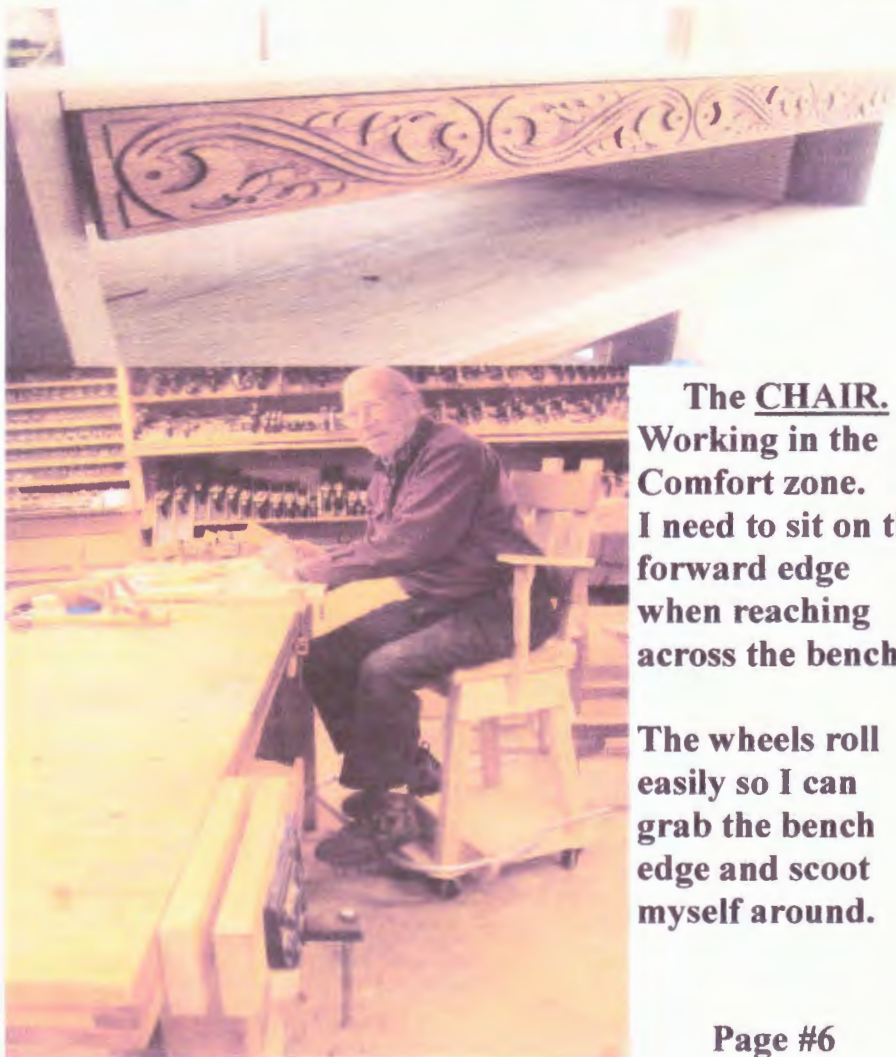
Showing how to hand carve the negative cope cut. This is a good method to use when only a few copes are required and you do not have a machine knife as needed.



Carving a large drawer front at the bench. The front will have a copy of two diamond carvings as seen in the panel at upper right that was carved at a Lie-Nielsen class last year.



Close-up of half a drawer front with only the left diamond showing. Only the relief has been carved. Next is outline scallops and border around the whole front.



The CHAIR. Working in the Comfort zone. I need to sit on the forward edge when reaching across the bench.

The wheels roll easily so I can grab the bench edge and scoot myself around.



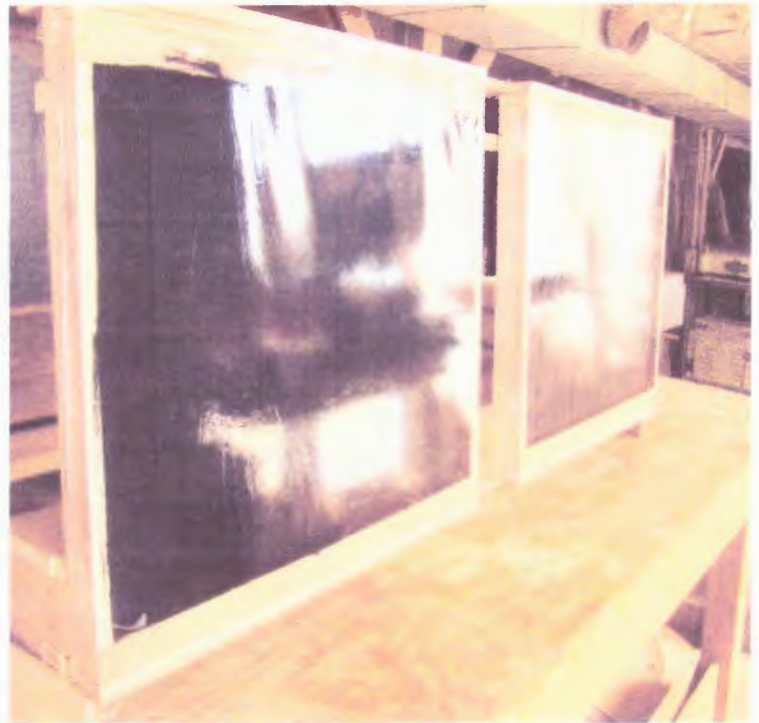
Left: The box shown will be placed beneath a tool chest for additional storage. The large drawer front being carved will fill the opening. The smaller drawer shown fits within the box & behind the large drawer front. When opened, access is gained to the small drawer.

Test samples: made in 2015

New & improved—simplicity works.



Top left: This is the 1st trial collectors, just a simple box lined with black “ice & water” shield. Holes in the bottom had 5” fans moving air slowly thru and out the top slots. The left box had added aluminum screening to collect more heat (no change measured). **Top right:** Two aluminum sheets placed in the lower window sash collect radiant heat. Outer surface is painted flat black. The far window collector has a small plastic thermometer taped to it. It has reached as high as 110 degrees. Aluminum has a high thermoconductivity factor to exchange heat quickly



The design is great, the function failed. **Left:** Inside view of collector showing port hole at bottom and exhale vent at top. Also seen is the many aluminum ribs at the top. Channels at the port hole directed air flow into six areas spreading the flow out evenly across the aluminum rib **Right:** Outer view shows the black painted aluminum surface with plastic over the opening. Failure was due to the sun passing thru 2 glass and 1 plastic layer having reflective action, AND the surface area exhaling heat was 5 times greater than the collecting surface. **Page #7**



This 4 ft. work bench was made in yr. 2002 to install historic window sash, as seen (left), the tray edge at the lower front to hold the sash edge. (right) The front 8 inches fold like a saw horse and the rear top & tray hinge to fold inwards. A vise (not shown) mounts at top right.



This is a collapsible miter box saw table made in 1987 to fit into my station wagon. Made of #2 pine, and working around knots, it is mostly clear wood. In takedown mode, it is about 5'-4" long. Assembled, the table length is 13 ft.- 6 inches long. Placed in a 12 ft. room, you need a door or window. It provides a good surface to cut lineal lengths and often is used to place boards on to belt sand, or various other operations.



Shown is the inter-locking action of the leg to the lower body and table wing. The weight of the saw table levers the leg against both wood cogs and holds the unit in place, snugly.