



Volume 19 Issue 8

August 2001

Guild Meetings at:
Roanoke
Presbyterian Church,
1617 W. 42nd St., KCMO

Wood Words

Kansas City Woodworkers Guild www.kcwoodworkersguild.org

August Raffle: Cordless Dremmel, Kakum wood smoothing plane and a small parts holder

Please thank associate members; Paxton's and Woodcraft, for supporting our toy project.

**Wear your name badge,
Win a prize!**

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**Next Meeting Wed. September 19th, 7 PM
Program: To Be Announced**

Sawdust: The Presidents Corner

Dave Kraatz

What is your favorite part of Guild membership? This question was asked on the member survey last meeting in an effort to learn how to enhance the value and pleasure of your membership experience. I hope that each of you pondered this seriously and provided us some insight into what you would like to see happening at our meetings.

My favorite part of Guild membership is meeting and sharing experiences with other woodworkers. I was reminded of this soon after our last Guild meeting. I was called on by a woodworking friend to help on a design problem that he was trying to solve. I was a bit nervous about doing this because I have



no credentials or great experiences as a designer and I often think that my approach to woodworking is different than others in the guild. I did accept the invitation and I spent several pleasant hours discussing tools, techniques, wood and fasteners.

My friend had started a large project, a wardrobe. I have also heard this called by a fancy name that I can't pronounce properly or even attempt to spell correctly. I have built a large wardrobe in the Stickley style, of solid red oak, and very heavy. His was to be of mahogany, more classical style, and even larger than mine. Mine was solidly built in one piece with mortise and tenons and dovetails. He wanted to build the piece so that it could be dismantled for easy moving into the bedroom of his home. I was stumped; woodworkers don't build things to come apart. We

design and craft them to endure several generations, even when subjected to storms and floods.

We began our session by propping up some prototype pieces that he had made and looking at some pictures of a similar piece that he had seen in a furniture store. Wow! The piece was even bigger than I had imagined. I suggested my usual round of mortise and tenons, plus some dovetails,

(Continued on page 2)

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meeting and sharing experiences

PLEASE PATRONIZE OUR ASSOCIATE MEMBERS

	Clarence Teed Memorial
	Paxton Woodcrafters 816 483-0659
	Woodcraft Supply 913 599-2800
	Strasser Hardware 913 236-5858

(Continued from page 1) *Presidents Corner*

and some clever attempts at removable locking tenon joints. "Too complicated", my friend responded and "How do you cut a dovetail on an eight foot panel that is wider than my dovetail jig?".

In our second round, we got out the fastener catalogues and drew sketches of how to use several types of knock down fasteners that would not show when the piece was assembled. I became convinced that some of these things would actually work and probably serve as well as the classical joints.

We ended the evening with a workable design that he liked. I had learned a lot about knock down fasteners and ways to use them. We made a lot of sketches and we did a lot of shoptalk.

Are two heads better than one for solving woodworking problems? Maybe, but He would have solved the problem easily without me. The important thing was our exchange of ideas and experiences. I learned a lot and I was lured out of my traditional experience in woodworking.

I encourage you to do some woodworking out of school, so to speak, and invite a fellow member to participate in your woodworking or respond when someone else asks for your ideas and experience. We will have our new mentor list available soon and this will be a good time for you to share some of the broad and extensive skills of our Guild members. I am sure that you will have fun, you will probably learn something new, and your woodworking experience will be richer.

I am looking forward to woodworking with you in our

August meeting. Remember to bring your show and tell project and also join the action when we discuss tool talk experiences.

Program:

Bill Webb

Gene Caples presented the program on Useful Tools: Types, Names and Uses.

He recommends buying "better" or "best" grade of tools as opposed to "cheapest".

Following are some of his comments:

Accuracy requires care and good lighting. For preliminary work, a chalk line can be useful. Layout with a pencil: A flat carpenters pencil, kept sharp is good especially on rough wood.

Wood pencils made with 2H, H or F leads are good. 2H is hardest, F is softest. A mechanical drafting pencil with a fine lead can be used for fine line layouts.

Choose a lead that makes for a good contrast on colored wood.

An awl can be used where you want to break the wood fiber. It is also easier to see than a line made with a knife. A striking knife can be most accurate; use sharpening sticks.

MEASURING:

Imperial and metric. Feet, inches, fractions and decimal. Metric has advantages because of the ease of dividing and multiplying. Measuring can be done with a tape or a folding rule, or a steel rule. Some rules have hooks for easy holding.

Calipers are useful for inside, outside or depth measurements. Dial calipers are easy to use and can be very accurate.

Thickness blocks made of steel or aluminum are also easy to use. Inside measurements can be easily made using the two stick trick. Simply clamp

two pieces together to represent the inside dimension going from part to rule or from rule to part. There are inside calipers, spring calipers and friction calipers

SQUARES and BEVELS:

There are precision machinist squares in many sizes and qualities. There is a precision carpenters combination square in several sizes and measures either 45 or 90 degrees. Then there is a framing square, perhaps the most common of squares. There is a sliding T bevel which can be set to all angles with a plastic protractor.

Any square can be and should be checked for accuracy by locating the square against a flat surface and scribing a line at a right angle to that surface. Then turn the square over placing it against the same reference surface and draw a line parallel and near to the first line. If the square is accurate, the lines will be parallel.

Then there is the 90 degree "try square" which also comes in many sizes.

GAGES and PROTRACTORS:

There are depth gages and height gages. There is a marking gage for marking a line parallel to an edge. A fence is used for a curved surface.

There is also a panel marking gage and a mortise marking gage. Precision protractors are made of steel. Some come with a depth gage.

COMPASSES and DIVIDERS:

Drafting instruments can be used.

There are also larger, heavier compasses and dividers available.

There is a bow compass and a beam compass.

MISCELLANEOUS:

There are trammel heads and beam.

There are winding sticks.

Shop Safety

Jim Ramsey

I was cutting the last of 10 plant holders with my table saw. I did not have the blade guard down near the work. I finished a cut and moved the piece of wood. Next thing I know 4 of my fingers were in the blade. I immediately grabbed my hand with my other hand.

I grabbed the paper towels and applied pressure. I drove myself to the ER where they put in stitches in 2 fingers. I didn't cut any tendons or nerves, it happened so fast. Always use your guards and never let your mind wander. I remember that I was distracted for a second and that's all it took. Use your guards and always be aware of the cut.

I was working with the band saw and I had the safety guard up about 1 inch and was in a rush. I was making relief cuts on a tight curve and I backed out of a relief cut and the non-razor side of the blade came in contact with a big and very loose knot in the walnut. The knot flew loose and hit a person about 50 yards away from me.

I looked up to see if he was okay, and my left hand was in direct path of the blade. All my fingers were sliced off except my pinky. A friend in the shop took me to the hospital and all but my ring finger could be replaced. I now have no movement in any finger on my left hand, except my pinky.

The worst thing was my wedding band (which was passed on from my Dad) had been sliced into small pieces and got embedded into my ring finger (hence why my ring finger could not be reattached) and never got out.

Always pay attention to your project. Don't cut wood with loose knots. Don't wear jewelry while working, even rings.

Member to Member

I was putting the finish on a box I made and I was pretty thirsty. I went to get a Coke, had a sip or two and sat it down next to the chemicals. I began to brush on the finisher and then had a sip of my Coke, but it was not the Coke. I began going into convulsions and fell to the floor.

Then my girlfriend walked in and laughed at me until she realized the severity of the situation. She called 911. They got here fast and I was saved.

DO NOT DRINK BEVERAGES WHEN USING HARMFUL LIQUIDS!!!!

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Swing-Out Tool Bar

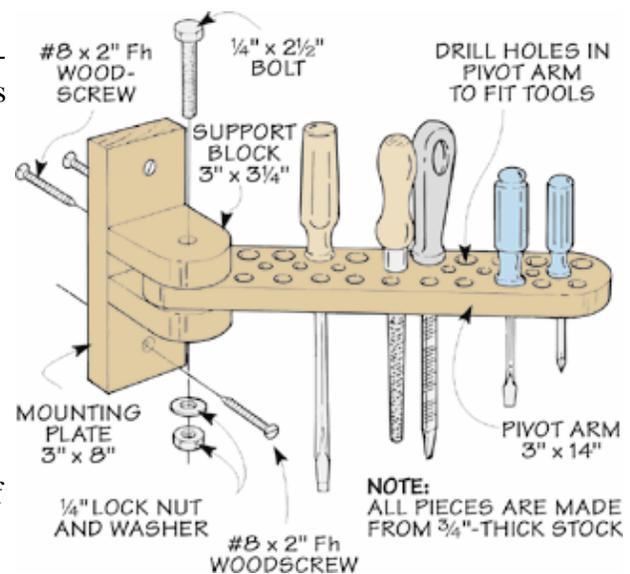
Space is almost always at a premium in a woodworking shop. Especially when it comes to wall space. So I'm always looking for ways to "increase" the usable space I have. That's the idea behind this wall-mounted tool bar shown in the drawing at right. Besides holding a number of hand tools, the bar swings out from the wall. This provides easy access to additional tools mounted behind the tool bar.

The tool bar consists of three parts:

a *pivot arm* with a number of holes drilled in it to hold the tools, a pair of *support blocks* that "sandwich" the arm between them, and a *mounting plate* that attaches to the wall.

Before assembling the tool bar, I cut an arc on the outside end of each support block and on both ends of the pivot arm. This removes the sharp corners, and it allows the pivot arm to swing freely without binding. To create a pivot point, I used a bolt that passes through a hole in each support block and the pivot arm.

Tightening a lock nut on the end of the bolt so it's just snug holds the arm in place, yet still allows it to pivot.



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P.O. Box 413922
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Upcoming Programs

July: Making and Fitting Drawers
August: Choosing wood for your projects
September: Saws: Band, Table, Scroll
October: Planning designing and making a project

Minutes

New Members & Visitors;

Welcome: John Cole & Jan Heinemann. We welcome you.

News items:

Caps and tee shirts are available for ordering. See Erl Poulin.

The mentor list is being enhanced. David Roth passed out information sheets for us to fill out and provide important information about our interests and skills.

Someone needs to make a 1 1/2 wood screw and nut. Can anyone help?

Someone is presenting a wood drying seminar for a wood drying kiln.

Someone has a Makita 15" thickness planer for sale for \$800.

Chris Kunzle is building a new shop and would appreciate advice on building structure and machine layout.

Bill Webb presented a problem from someone else who is refinishing a '64 Austin "Woody". The wood is ash and he wants to know how best to refinish the wood.

Tool Talk:

Warehouse One has maple top tables with steel legs for sale. A good deal. they are located at I435 & 12th St., north and west of this intersection. Someone is trying to decide whether to buy a Delta or Jet jointer and wanted advice. Someone reported on a corded vs. cordless Dremmel tool. They thought the cordless worked well and had lots of advantages. Erl Poulin showed his new three head Craftsman palm sander. It looks a lot like an oversize Norelco razor with three floating heads, each with its own pad of sandpaper.

Raffle:

George Rexroad won the Optical Vision Set and Jim Reynolds took the Circle Cutting Set.

Show and Tell

Fred Chael showed his tenoning jig which he made about a year ago. He used the pattern found in Shopsmith He used Baltic Birch and a hardware kit. This jig hits fine tuning capability.

Don Kruse showed two old tools, a small hand held Adz, and a Breast Drill with hand crank and a unique chuck that pushed the

Calendar

Executive Meetings, 7:30 pm At Fred Chael's home, 4821 State Line Road, KCMO.

Guild meetings, 7:00 p.m., Roanoke Presbyterian Church, 1617 W. 42nd St., KCMO.

Executive Meetings

Guild Meetings

2001

January 16th	January 17th
February 20th	February 21st
March 20th	March 21st
April 17th	April 18th
May 15th	May 16th
June 19th	June 20th
July 17th	July 18th
August 14th	August 15th
September 18th	September 19th
October 16th	October 17th
November 20th	November 21st
December 18th	December 19th

Fred has agreed to lend his home for the monthly board meetings. All members are welcome at any board meeting. A call to Dave Kraatz or Bob LaDue is all that is necessary.

square, tapered tip of the bit down into a square pocket.

Neal Shoger had an old wooden bicycle wheel with steel spokes. The wooden rim was apparently made of one piece of wood since no joint is visible.



Bill Webb had a painted mahogany stool and he needed advice on refinishing.

Gene Caples had pictures of a table made of oak and sassafras, finished with water base polyurethane. He used all recycled wood and mortise & tenon construction.

Wayne Wainwright showed a walnut end table. He called it a prototype and met the challenge of designing it himself and getting his customers' (his wife) approval of the design. He used water base polyurethane for the finish.

David Roth showed us a drawing of a future Intarsia project. We wish him good luck.

Show & Tell Pictures



Neal Shoger's old wooden bicycle wheel with steel spokes.



David Roth's drawing of a future Intarsia project



Fred Chael's tenoning jig



Jim Banys air hose reel made out of scrap materials.



Gene Caples table made of oak and sassafras.



Don Kruse's small hand held Adz, and a Breast Drill with hand crank

Items for Sale:

Craftsman 15" 2HP, variable speed lathe on stand. Super Nova chuck with a good starter set of Henry Taylor tools plus books and videos. \$700 obo. Call Jim at 816-524-5862.



Toy Project Meeting

A toy project planning meeting has been scheduled for Saturday, September 8, 2001. Anyone and everyone involved in any phase of the toy project is strongly encouraged to attend this meeting. We will be bringing you up to date on some very important issues related to the toy project. You will also be given the opportunity to express your opinion on some recent developments that may affect the distribution and the future of the toy project.

The meeting will be held at Lawler Gear Corporation located at 1320 SE Hamblen Rd in Lees Summit. The meeting will start promptly at 9:00 a.m. and will probably last 1 ½ to 2 hours

Mentors list:

Last month, David Roth provided a questionnaire for our members and our Mentors. If you did not fill out one of the forms and would like to, he will have them available at the next meeting. We encourage you to share your skills with our members to fulfill our commitment of improving our members skill in wood-working.

The mentor program is a great opportunity for you to "learn by doing" If you know how, show someone else and improve your own skill at the same time. Please consider becoming a mentor and sharing the knowledge you have gained over the years. Remember, because you think it is easy, does not mean everyone else does as well! You may be just what someone needs.

Hats & Shirts available from Erl Poulin. Sign up today:

Hats:	LA Loving #8900 Cotton Twill (Winter)	One Size: \$10.00
	LA Loving #8510 Poly/Mesh (Summer)	One Size: \$ 8.00
Shirts:	Outer Banks #2101 Jersey-Knit Placket w/pocket	S,M,L,XL \$20.00 XX-Large \$23.00 XXX-Large \$26.00
	Outer Banks #2100 Jersey-Knit Placket w/o pocket	S,M,L,XL \$20.00 XX-Large \$22.00