



Wood Words

Kansas City Woodworkers Guild www.kcwoodworkersguild.org

Volume 21 Issue 8

August 05

Guild Meetings:
Jacob's Well Church,
1617 W. 42nd St.,
KC Mo. 64111

We need:

3 Project Managers
Several woodworkers
1 Scribe

DIRECTORS-OFFICERS:

President: Wayne Wainwright
816 453-1073
wrrig@kc.rr.com

Secretary: Dave Roth
913 338-2433
chefroth@everestkc.net

Treasurer: Paul Twenter
816 781-9407
paul@twenter.com

Events: Mike Jones
816 204-6406
sportsturf@kc.rr.com

Communication: Brian Kemp
816 455-8892
b.kemp@earthlink.net

Sponsorship: Kevin McAndrew
913 381-5714

Membership: Terry Stair
816 765-7296
tandkstair@aol.com

Training: Ken Sokol
913 441-6060
kensokol@yahoo.com

Education: Chuck Slagle
913 402-8336
slaglecs@earthlink.net

Video
Don Kruse

Books
George Rexroad

Editor/Web:
Wayne Wainwright

August Raffle: Chris will have his usual assortment of fine tools!

Please thank sponsoring members; noted below for supporting our Guild.

Next Meeting Wed. August 17th, 7 PM

Program: Anthony Harris - How to turn a friction Fit box

Sawdust: The Presidents Corner

Wayne Wainwright



We've done it!

As mentioned last month, thanks to Chris Kunzle, the Guild was able to submit a bid to make 60 chairs for Andre's restaurant on 52nd St.

I am happy to announce, we have been awarded the contract! In my memory, there has never been a project like this presented to the Guild. It is the most adventurous one we have undertaken as a Guild and we intend to use it to help develop our expertise and skill.

For several weeks now, Chris, Jim Bany, Dave Kraatz and I have been meeting to design, plan and make jigs for this project. We are close to completion.

To facilitate, we will

need the following: **3 Project Managers** to oversee construction of the parts, **several woodworkers** (regardless of skill) to make the parts and **1 scribe** - someone to document the process from start to finish.

There will also be a need for just general "running around" on this one so we would like as much participation as possible.

If you are interested in participating, please contact Wayne Wainwright 816 453-1073. We will probably have sessions at Woodcraft and at least 1 home workshop.

Details will not be complete by the next meeting so please provide your phone number and email (if available), for contact when volunteer. A sign-up sheet will be available at the next meeting or just send an email to Wayne.

We expect to construct the chairs during the

month of September with delivery in October (if possible). I look forward to working with you on this great Guild project.

PLEASE PATRONIZE OUR SPONSORING MEMBERS



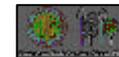
Accent Merchandising.
(816) 635-5792



Elmwood Reclaimed Timber
(816) 532-0300



Liberty Hardwoods
(816) 231-0852



Paxton Woodcrafters
(816) 483-0659



PlansNow
www.PlansNOW.com



Schutte Lumber
(816) 753-6262



Strasser Hardware
(816) 236-5858



Klockit
800 556-2548



Wood By Design
(913) 962-0159



Woodcraft Supply
(913) 599-2800



Woodline
(800) 472-6950



Microplane
800 555-2767

Also as announced last month, Turn About Wood has permanently closed. We are sorry to see a long-term Sponsor close its doors and we wish Dan and Sandy the very best.

Also, Paxton's has revised its policies. The store is going to focus on their most profitable business which is the commercial market.

Going forward, they will be open 9-5 Mon thru Fri only, they will no longer provide cutting services and they will sell domestic woods and plywoods only. On my last visit, they had removed most of the non-commercial products (magazines, microwoods, tools etc.). They still offer a 10% discount to Guild members, but you MUST show your Guild card and I.D.

On a positive note, we welcome 2 new Sponsors.



For over 30 years, Klockit has made a commitment to supplying the clock-maker, with everything

needed to build a beautiful heirloom quality clock or to repair a treasured keepsake. They have hundreds of kits and every part imaginable for clock making. If you are a clock enthusiast, you cannot go wrong with them.

They offer Guild members a 15% discount. If you did not get one last month, pick up a discount card from Terry Stair.



They started out in 1990, merely as a new type of wood-working tool. The Microplane® Rasp was first invented in 1990 by brothers Richard and Jeff Grace at their jointly owned contract manufacturing facility, Grace Manufacturing Inc., in Russellville, Arkansas.

The company already had almost 20 years of photochemical machining experience making

parts for the high tech printer industry, but it had never really produced any parts of its own design.

10 years later, Microplane® has just introduced its Personal Care Line. The Microplane® foot file, with its 95 tiny files working to gently massage and exfoliate dry skin, was created to soothe tired, sore feet and have them feeling silky smooth and full of energy in no time.

Sawyers:

I sent out an email last month asking if we knew local Sawyers that we could share with our members.

We will also add them to our website in the Members Only section. If you do not currently have access, please send me an email and I will set it up for you.

We got the following responses:

Burkhart's Native Lumber

110 W. Jackson
Windsor MO. 65360
Phone: (660) 647-2335

Ron Collins

13110 E 233 Rd
Peculiar, MO 64078
813-779-4662

Tim Fairburn

RR # 5, Box 300
Butler, MO. 64730
(660) 476-2739

If you know of any that can be added to the list, please let me know.

The Guild is looking for 1 person for the following responsibilities:

Web Master

If you have an interest, please contact our Communications Director Brian Kemp

Program: Bob Settich - Choosing Hardware

David Roth

Bob Settich is a freelance writer in woodworking and home improvement who has written extensively for Wood, Fine Woodworking and other well known magazines. He has also written several woodworking related books.

Bob also has an article on hinges in the next issue of Fine Woodworking for September and October of 2005.

When driving a nail into wood it displaces the wood (shoves it off), then the wood presses back against the fastener and that is what provides the "pull out" resistant for your nailing. The older forms of nails were "cut" nails made from a strip of iron or steel. If making rustic projects cut nails is a good choice for your project.

The nails used to be cut in strips then it was grabbed and whacked on the top of it to make the head of the nail. When using this type of nail make sure the wide part of the nail is going with the grain.

The reason for this is so you don't split the wood. It is also a good idea to drill a pilot hole first before driving in the nail. Another type of nail is a clench nail to join thinner pieces of wood together. An example is when they used to build trunks where the ends were "clenched" over for strength.

Most nails now are known as wire nails. Metal put through a die and cut and rounded over in the front and also cut to length.

There are gauge numbers for nails. The smaller the number the larger the diameter of the nail. A brad nailer of 18 gauge is a good nail for all types of utility work. Another good one is a micro pinner this type of nailer has a headless fastener. Up to one inch long.

SCREWS

To get the most strength from a screw you can do one of two things. Use a longer screw or use a fatter screw. This puts more surface area in contact with the wood to increase holding power for pull resistance. Try and use the longest and fattest screw appropriate for the wood.

They use to make screws by taking a piece of metal and putting it in a metal-working lathe and cut the threads with a cutter. But now they put steel in a rolling press and the threads are squeezed out of the metal. All are of uniform size.

A pilot hole should always be drilled so the threads can go into the wood properly. If a pilot hole isn't drilled,

there is no place for the wood to go when the threads are entering the wood. Sometimes woodworkers make a pilot hole and countersink the top of the board. They will then turn the board over and slightly counter sink the bottom of the board so there won't be a void in between the two boards.

HINGES

Hinges come in all different sizes and shapes and all work about the same way.

Barrel Hinges: You drill two holes and put the hinge in and tighten the screws and your done. The problem with barrel hinges is that the door will not open a full 90 degrees. Sometimes hard to find the right drill bit.

For beginners they want to know how deep the mortise should be for the hinge. You just want it deep enough so the diameter barrel of the hinge is a little bit flush with the wood. So the lid will have a nice fit.

Euro Hinges

What type of euro hinge do you want? How far do you want the door to open? Case frame cabinet or a frameless cabinet? What type of installation equipment do you have to install these hinges?

Do you have a \$5,000.00 piece of equipment to drill all of your holes and insert the hinges for you or will you have to drill the hole yourself and insert it.

There are reasonable price jigs for these types of hinges. Understand how to use these jigs and select a manufacturer that you will be buying your euro hinges from. Stay with that manufacture because it can get confusing. Keep asking the manufacturer questions until you fully understand what you need. Get Model Numbers as well.

Thanks for an excellent presentation Bob

Special Member Benefit from:

PlansNOW

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And while you're there, use your 15% discount on all the plans and techniques in the store.

Your e-coupon word is: KCGuild

Read more about our newest Sponsor on our web site or visit them at: www.PlansNOW.com

Shop Safety

The Carving Knife



Accident Description:

While carving some pecan wood I decided to make a few cuts by pulling the blade toward me while holding the piece with my

left hand. I was being impatient and was trying to make the deepest cuts possible by applying a lot of force.

The blade slipped from the wood and by the time I could react, I had already buried the entire blade in my left forearm. I was extremely lucky that the cut was clean and there was no permanent damage other than a 2" scar.

Advice to other Woodworkers:

Never make cut towards your limbs and body. Secure the work piece with something other than your hands.

Accident Description:

I had just finished installing a door in our house and was ready to install the trim. First though, I had to trim off the shims. With a razor knife in my right hand, I begin cutting the upper shims, bringing them flush with the door frame.

My left hand was positioned on the frame, a couple of feet below the shim, for support. (I was really bearing down on the knife.) Before I realized what had happened, the shim gave way and the knife continued its' downward travel, slicing through the first joint of my middle finger, on my left hand.

My wife, who's is a registered nurse, took one look at it and informed me that we were going to the hospital.

I didn't argue! After suturing it back together and putting the finger in a splint they sent me home. It healed fine, but after a year, I still don't have normal feeling in my finger tip.

Advice to other Woodworkers:

Always make sure the hand that isn't doing the cutting is above the knife. This applies whether you're cutting against a straight edge, or doing something like I was doing.

If (when) the knife slips, you want to make sure that no part of your body is in its' potential path. Also, make sure you're alert and not tired. When my accident happened, it was after a long day and I was exhausted. I just wanted to get the job done, so I could go to bed. I wasn't paying any attention to safety.

Accident Description:

I was attempting to cut a plastic child safety cap (the kind you have to squeeze incredibly hard to turn off the lid it covers) off of a can of paint thinner I was using. I had the blade of the razor knife out to just its first notch so I wouldn't break off the tip while prying on the lid. I was being careful (or so I thought) by cutting away from my body and my left hand.

Suddenly the razor blade slipped from the cap, and with all the force I was bearing down, promptly buried itself in my left thigh, just above the knee. Thank goodness I had the blade only partially exposed. A good cleaning and a band aid were all that was needed, other than suffer the "stupid klutz" jokes my wife heaped on me afterward.

Advice to other Woodworkers:

Safety devices are there for a reason. Don't attempt to bypass them. Think carefully what any "potential" paths the tool you are using could inadvertently take without warning or through careless use.

Shop Tip

Obey the Drill Press Speed Limits

If your drill bits are sharp, but you're experiencing tear-out when drilling holes, there's a good chance that the drill press speed is set too slow.

There are several factors that determine the proper drilling speed, including the size and type of bit, plus the density of the material being drilled. The chart below provides a range of drill press speeds that should work well.

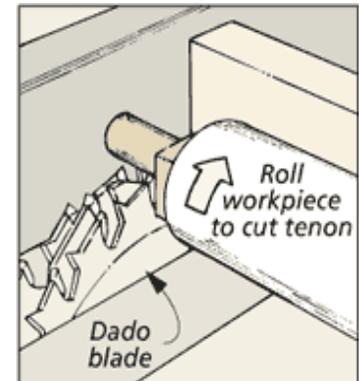
Type of Drill Bit	Size of Drill Bit	Hardwood Speed (rpm)	Softwood Speed (rpm)
Brad Point	1/8?"-1/4?"	1000	2000
	3/8?"-1/2?"	750	1800
	5/8?"-3/4?"	375	1600
	7/8?"-1?"	250	1000
Forstner	1/4?"-3/8?"	750	2200
	1/2?"-5/8?"	500	2000
	3/4?"-1?"	500	1600
	1 1/8?"-1 1/4?"	?	1000
	1 3/8?"-2?"	250	500
	2 1/8?"-3?"	250	250
Spade Bit	1/4?"-5/8?"	1800	2200
	3/4?"-1?"	1600	1800
	1 1/4?"-1 1/2?"	?	1600
Countersink	Fluted	1000	1200
	Shearcutting	800	1000

Rolling a Tenon

Recently, I built a project that called for round tenons on the ends of some square stock. At first, I wasn't quite sure how I would accomplish this. But after a little thought, a simple method came to mind that worked great.

As you can see in the photo, the solution involved a section of PVC pipe. Slipping the work piece into the pipe allowed me to "roll" it against a dado blade on the table saw (see illustration). After making several, shallow

passes, I had an accurately sized and perfectly round tenon on the end of the work piece



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www.WoodworkingTips.com

Want to help cut guild monthly costs? Consider receiving the newsletter via email. It is faster and comes in color. If you are interested, please send an email to Wayne Wainwright at: wwrig@kc.rr.com, or add your email to the Attendance list at the monthly meetings.

Newsletter Deadline: 1st of the month:

**Please send all submissions for articles, tips, want ads announcements and anything else to Wayne Wainwright: 816 453-1073 email: wwrig@kc.rr.com
4214 N Brighton Ave KC. MO. 64117**

Member of the Month

Brian Kemp

Chris Kunzle



What is your specialty in woodworking?

I do not know if it is my specialty, but I truly enjoy the making of reproduction furniture the more complex the better. I also love to turn on the lathe, especially hollow vessels.

How many years have you been woodworking?

I have been exposed to a little bit of wood working while attending middle and high school, but we were limited to hand tools, then lost sight of it due to my career and travel activities and picked it up again when I came to the United States about 23 years ago.

What is your favorite hand tool and why?

Any tool that is well maintained and sharp. No, but seriously, I had a chance to acquire a set of about 75 carving tools from a German fellow who was a professional carver here in town and four years after he passed away his wife was willing to part with his tools after she spent a whole afternoon talking to me in my shop while drinking tee to make sure that her husbands tools found a good home. Incidentally some of these carving tools are first edition Ashley Iles, which I did not know when I got them.

What is your favorite power tool and why?

My lathe. It is a VB36 and made in England. I have turned pieces on it as big as six foot in diameter and it ran as smooth and quiet as can be. Also, I think that the lathe requires more practice, skill and knowledge than any other piece of equipment in the shop.

What is your favorite wood to use and why?

I would have to say that exotic's such as rose-woods are a delight to use. I like to use the crotch or weird grain patterns for decorative purposes and in small turnings and as highly figured as possible. These pieces are mostly not suitable for furniture making.

What is your most favorite project you have built and why?

It is a very large and heavy Armoire (7 x 8 feet and 1750 lbs.) This "Wave Armoire" is a reproduction of a seventeen century piece I saw in a museum in Zurich, Switzerland. It is called "wave" because of his deep repeated molding patterns (see picture). The complexity and logistics was very challenging and therefore enjoyable.

What is the best deal you have gotten on a woodworking tool?

Back in the early 90's, I was visiting the world's largest wood working machinery show in Hanover, Germany. While talking to a French manufacturer of dust collectors I learned that he had trouble to figure out how to ship his equipment to the States and after explaining to him over lunch on how to do that he was happy enough to send me a small and a large dust collector as token of his appreciation.

What guild activities have you been involved in, how many times/or how long?

I had the opportunity to demonstrate woodturning on several occasions. For the past few years I organize the prizes for the monthly raffle, with the proceeds being hopefully used to purchase equipment for demonstrations at future monthly meetings. Just recently I became involved in the reviewing process of the Craftsman's recognition program and I was able to bring Andre's Confiserie and the Guild together for our chair making project.

What has been your favorite guild activity?

Seeing the guild being turned around and grow and also become a more active and professional organization.

What Shop Tip can you give us?

When you get tired, stay away from the difficult and challenging operations and do the cleanup and organizing of the shop, which you have to do anyway.

**Thanks for allowing us
to feature you this month.**



Show & Tell - Show Pictures



Paul Ellison:



Unknown



Anthony Harris: Seismograph made from Palm nut, Blackwood and Ivory. The other box is made from Boxwood, Macassar Ebony. It has a Carnauba wax finish.



Bill Fitzgibbons: cherry door panel



James Childress: Hedge & Walnut Dead blow hammer



Parker Nicholson: Koa Mantle Clock



P.O. Box 413922
Kansas City, MO. 64141

Meeting Minutes

New Members / Visitors: Vince Pedrillo / Joe Barber, Mark Lewis, Dwayne Ginger

News:

Turn About Wood has permanently closed it's doors

Paxton's is now only open from Mon - Fri and they no longer offer cutting services of any kind. They do still offer the 10% Guild discount but you **MUST** have your guild ID badge

Wayne Wainwright is conducting a basic woodworking skills class "making a birdhouse" at Woodcraft Saturday August 20th from 2-5pm.

Tool Talk:

Someone talked about a dovetail box he made that was fairly simple to make. From the accta Jig.

Someone talked about a respirator they purchased from Heart field Tool in Ohio. This respirator lets you wear your safety glasses without your safety glasses fogging up. It runs \$44.95.

Ken Grainger is looking for a Ridgid thickness planer. He states that the stores don't carry them. Or they're sold out.

Name Tag Raffle:

Bill Evens - extension cord, Harold Sickles - screwdriver bit set, Jim Bany - screwdriver bits, David Bennett - Duck Tape, Ed Bergstedt - the gloves

Toy Raffle:

Bert Polhemus - drill bits, Trent Glamann - drill set, Paul Akers - extension cords, Hubert Wilson - Blue Marple chisels, James Tiller - small set of clamps, Bill Evans - set of large clamps, David Roth - handsaw, George Dixon - vise grips, Steve Erickson - handsaw, Ken Grainger - extension cord, Paul Twenter - cleaning soap

Show and Tell:

Someone made a Tennessee Walnut Box out of Walnut, Spruce, and Paduk.

James Childress Made a dead blow mallet out of Hedge, and walnut. He got the guts from the old dead blow mallet. It has an Oil and varnish Finish. It has a cogged head and the challenges were getting all of it to come together.

Calendar

Executive Meetings, 7:00pm Kansas City Public Library 1410 W 10th St. KC MO 64105

Guild meetings, 7:00 p.m., Jacob's Well Church, 1617 W. 42nd St., To reach us "during the meetings, call: KCMO. (816) 561-8177

Executive Meetings

Guild Meetings

2006

January 4th
February 1st
March 1st
April 5th
May 3rd
June 1st
July 5th

January 4th
February 15th
March 15th
April 19th
May 17th
June 15th
July 19th

2005

August 10th
September 14th
October 12th
November 9th
December 14th

August 17th
September 21st
October 19th
November 16th
December 21st

All members are welcome at any board meeting. A call to one of the Officers is all that is necessary.

Anthony Harris Brought in a seismograph. Made from Palm nut, Blackwood, Ivory. The other one made from Boxwood, Macassar Ebony.

It has a Carnauba wax finish. The points of interest are the finials inside the vessels. And the challenges are the nasty long thin spindles break so easily.

Paul Ellison brought in a toy truck made from oak, walnut, and cherry and has a semi-gloss deft finish.

Parker Nicholson brought in a clock made from Koa wood and has a poly/oil finish.

Bill Fitzgibbons brought in a cherry door panel that he is working on in chip carving. The challenges are carving out the waste in the background.