



# Wood Words

Kansas City Woodworkers Guild [www.kcwoodworkersguild.org](http://www.kcwoodworkersguild.org)

Volume 21 Issue 11

November 05

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

**2006 Dues  
begin in  
December**

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**Books**  
George Rexroad

**Editor/Web:**  
Wayne Wainwright

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

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

**Next Meeting Wed. November 16th, 7 PM**  
**Program: Ken Grainger - Vacuum Veneering**

## Sawdust: The Presidents Corner

*Wayne Wainwright*



I'm back everyone! Wondered what happened to the President last month? I was ill for a period of time, brought on by too much work I suppose, but all is well now. I am pleased to say that as an organization we did not miss a beat. The strong leadership of people on and not on the leadership team allowed our ship to continue to sail fast and strong! Thanks to everyone who stepped up while I was out.

One of the things decided this month is that the places we have reviewed as an option to move, all of which had some benefit, turn out to be less than desirable. Rather than make a quick decision and end up someplace no better than our current situation, the decision was made to renew our current lease for the next 6 months and continue looking for an appropriate meeting place for the Guild. We are committed to making sure we have a

place that fits our needs, so making a "rushed" choice is not in our best interest.

The Chair project continues to move in the right direction. On Saturday November 5<sup>th</sup>, numerous members of the Woodworkers Guild met to perform a trial assembly of chairs. The meeting went well. Three chairs were built and epoxy was used on a trial basis for some of the legs.

An assembly procedure was worked out and some final design decisions were made. The legs are all complete, the Bolsters very near completion as of this writing. 20 seats are complete and the process and people to do the backs has been worked out.

Now, it is just a matter of getting it done. It should not be very long before we can begin assembling chairs in earnest and get them delivered to the customer. Another assembly session is being scheduled and volunteers will be getting calls shortly.

I hope you are attending the meeting this month. You will get a "double" program. Mac Dressler is go-

ing to demonstrate / discuss the making of the backs and getting us back to a normal program not focused on the chairs, Ken Grainger will explain how

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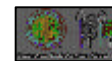
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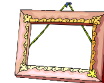
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to make and set up a homemade vacuum pump system. Ken will explain how to obtain the parts to build the system, how to set it up and demonstrate its use on a veneering project.

I'm told we are well on our way to identifying potential leaders to fill our 2006 leadership rolls. This is a far cry from years past where we were still trying to find new leaders on election day! We should have a slate to present to you at the February meeting in preparation for the April vote.

I promised you last month to address our accomplishments from the start of this presidential season. Here are the goals as were presented in May of 2004:

#### 2004 Goals:

Double the size of the Guild, **Involve members in setting direction of the Guild**, Publish guild financial status in newsletter, **Formalize the Mentor workshop program**, **Support Craftsman Recognition Program**, **Conduct member surveys for improving Guild activities and guild leadership**, **Begin guild "Leadership Development" program**, Improve relationship with Guild sponsors, **Begin Guild training classes for our members**, Begin Guild training classes for non members, **Grow Sponsorship program (currently 11)**, Formalize our community involvement programs

#### 2005 Goals:

**Involve Guild in National Woodworking program**, Begin plans for a Guild "training" center, Double the size of the guild again, Conduct training sessions each month in 2005 for both members and non members, Expand CRP (or like program) to non guild members, **Seek out new community programs for the guild to be involved in**, **At least triple the guild Budget over 2004 year end**

#### Additional accomplishments:

**Introduced By-Laws**, **Obtained Leadership Award for our community involvement**, **New dues structure**, **New membership type**, **Introduced an Awards program for the Guild**, **Obtained commercial project (chair project)**

The highlighted ones are those we achieved. Obviously we did not accomplish all of them, and we realized that would be the case. What I really wanted to do was move our Guild in a different direction and I believe we have accomplished much more than I

thought we would.

A reminder to everyone that Guild dues in January will now be \$35 for members, \$25 for seniors and the new category of Associate will be introduced at \$50 per year for those who are interested.

In December, we will have a dinner meeting with spouses or friends who can attend. For those who wish to contribute the following last names can bring a salad or desert

Last names with A - L - Salad

Last names with M - Z - Desert

If you have questions, Please call Chuck Slagle at

**913-226-6195**

### Program: Jay Nichols - Chair Seats

David Roth

Jay Nichols made a home video and went through the process of how he is making the seat for the guild chair project. He made the video with a 2.3 mega pixel point and shoot camera in movie mode at 12 frames a second.

First he had a hard maple blank approx. 17 x 18 x 1 1/4 inches thick. The seat will have a mortise at 7 1/2 to 8-degrees so the back will set at an angle. Jay talked about hearing protection and eye protection, and shields and dust collectors when using the router. Jay also uses a sound meter for his tools.

Jay showed in his video the jig to make the mortise in the seat blank. It's a frame to hold the seat blanks and it is screwed in with bolts and indexed. The best side of the seat blank is face down. Mark the center of the seat blank to match the center mark on the template.

The router sits in the frame area and is lined with Formica for wear resistance. Shims are also added to the jig. The mortise is 3/4 inches wide and 7 1/2 inches long. The Plate area that the router sits in is at a 7 1/2 to 8-degree angle. Jay used a 1/2 inch spiral bit 3" long with 3 flutes on it.

He used a stepping device that is built into the router base to make the mortise cut deeper and deeper until the Mortise is cut all of the way through. He also added spacers to the jig. After the mortise is cut the spacers are removed and a final cut is made. Now a template will be put on the seat blank

and will be cut on the band saw. The template is set on the seat with the reference marks that were made earlier.

The template is made from MDF and has holes in it to mount to the seat blank. There is Formica on the edge because of the wear and tear to make 60 seats. The template is screwed to the blank. A Table extension was added to the band saw because of the size and thickness of the seat. A guide is added to the band saw and this is called a template guide for pattern sawing. The guide is c-clamped to the band saw table. The template rides against the template guide and in the process cuts out the seat bottom.

Then the seat blank is smoothed up with a router after the sawing process. By using a router table where the bearing runs against the template, it cleans up the band saw cut edge. Jay suggested using a ¼ inch skip tooth blade.

Dave Kraatz mentioned that the mortise should be cut first so all of the other operations for the chair making process can go smoothly. Jay did an excellent job on this home made video and it is well made so that the beginner woodworker, intermediate woodworker and the expert woodworker can all learn something. I know that Jay hopes you can use one of these techniques in your own wood working shop for you to become a better woodworker.

Jim Bany talked about the glue up process for the seats. The seats were 1/14 in thick and the back our 7/8inch thick. Jim had to purchase an 8-inch delta jointer in order to get good glue joints. Jim started to use his pipe clamps but some of them are bent so he switched to a Pony I beam clamp that Jim Mc Cord let Jim use. Jim Bany really likes these clamps. Jim Bany thinks these are better than the Bessey Clamps. The reason is that the I Beam clamps don't bend when you tighten them down.

Jim needed a flat service to clamp up the boards. So he used his workbench. The backs were cut to 22-inch lengths and the seats were 18-inch lengths. And the boards were 5-¾ inches width. Three boards were used for glue up and Jim used the best board for the middle and glued up 10 blanks at a time.

First he went to the jointer and jointed the outside board, then he jointed both sides of the middle. Jim would dry clamp the boards first to see if there were any gaps. If so he would run them through the jointer again until he got it right. Then he put them in the clamps and started to glue

them up.

Jim used a dead blow hammer to make sure they were flush with the clamp and that there is no day light between the wood and the clamp. After gluing all of the boards together, Jim would let them sit for 24 hours before the clamps were removed. Kevin McAndrew helped Jim sized the boards to length.

Jim made a sled for his table saw. And Kevin handed the boards to him one at a time. This saved Jim a lot of time when someone is handing you the boards. Jim also mentioned you have to concentrate when you are making a large run of cutting on the table saw. You have to know were the table saw blade is at all times!!!

**Thank You Jay Nichols**

**And**

**Jim Bany**

**for this months program.**

**Great Job!**

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## 2005 2 X 4 Contest

The item made can be anything the craftsperson wants it to be.

?? The item should be made out of any species of wood that the craftsperson wants to use.

?? The 2 X 4 used should equate to a measurement of 1 1/2" X 3 1/2" X 96".

?? The voting for the contest will be conducted at the December general "Guild" meeting.

?? Each person attending the December meeting will be given one marble and after the presentation of the projects by their craftsperson. Throughout the evening, each person will cast one vote by placing their marble in the receptacle by their favorite item.

?? A designated member of the guild will count the marbles and the winner, 2<sup>nd</sup> place, and 3<sup>rd</sup> place contestants will be announced at the end of the evening.

The decision of the Judge is final.

### **Prizes are as follows:**

1<sup>st</sup> Prize - \$100.00

2<sup>nd</sup> Prize - \$ 50.00

3<sup>rd</sup> Prize - \$ 25.00

## Shop Safety



### **Accident Description**

I was working with small metal parts but this might help someone anyway.

I was finish sanding small parts held in my fingers on a vertical belt sander. One of them was more-or-less wedge shaped.

The part slipped out of my fingers and wedged, bending the (work piece) rest (going across the belt) enough to let my fingers in as well. The rest was bent away from the belt with my fingers wedged in and the motor luckily

stopped dead, humming or I would have ground my knuckles very badly. I reached around and shut off the sander backing the belt to release my hand. I got a few scratches but I was okay, If the motor didn't stop it would had been worse.

### **Advice to other Woodworkers**

Make sure the work piece rests are made well on sanders. If it were made stronger it would have never happened. Also be careful sanding wedge shaped work pieces on a rest.

### **Accident Description**

I had set up my Shopsmith as disc sander with the table tilted to about 15-degrees, then attached an extension wing and support legs on the downward side so I could add the rip fence several feet away from the disc to act as a back stop.

I used the miter gauge to hold the 2x4 stretcher stock for a workbench, and the goal was to advance the sanding disc via the quill feed to create a nice chamfered/pyramid shape on the ends of the through-tenons of each stretcher.

It was a wonderful setup and everything was going smoothly until I subconsciously starting pushing the miter gauge back and forth as I often do for disc sanding end grain to reduce swirl marks. Well, that was the wrong thing to do since I was also using the fence as a backstop on a long piece of stock.

The other end of the stock bound on the fence as I pulled the upper end back toward me with the miter gauge, effectively "gouging" the corner of the stock into the sanding disc. Faster than I would have ever imagined, the stock forced its way toward me quite violently doing an amazingly artistic sanding job on the now ruined tenon. The SS didn't miss a beat, but it sure scared the heck out of me once I realized what I had unthinkingly done. It could have been an injury had there been any other factors.

### **Advice to other Woodworkers**

When you are trying a new and unusual machine setup, be especially aware of any hazards, especially if you have any particular habits of use with that machine.

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## Shop Tip

### CD Storage Bin

Coming up with a convenient way to store screws, nails and other small hardware items in the shop is always a challenge.

But I found a solution to this problem that uses containers that once held something a bit more high-tech. The plastic containers you see in the left photo, originally held writable CDs for use on a computer.

But as you can see in the photo at right, they also make very handy hardware bins.

The deep, clear plastic lids of these containers simply lock to the base with a slight twist.

So I removed the center post that holds the CDs from the base and then screwed the base to the underside of a shop cabinet.



The lid can then be filled with whatever hardware items you choose and quickly stashed out of the way, but easily accessible when needed.

### A Handy Drilling Template

Getting bars and pulls centered perfectly on the front faces of drawers can be a challenge. So to locate and drill the mounting holes quickly and accurately, I made the simple drilling template.

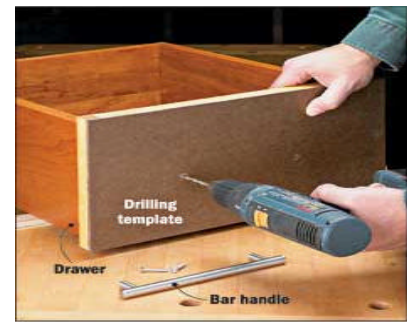
The template is a piece of 1/4" hardboard with two wood cleats attached to the back (*see Assembly View*). A pair of holes in the hardboard serve as guides when drilling the mounting holes. By fitting the cleats over the drawer, it registers the template and automatically locates the mounting holes.

One thing to keep in mind is that the cleats affect the size of the template. My cleats were 3/4" x 3/4", so I cut the hardboard 3/4" longer and wider than the

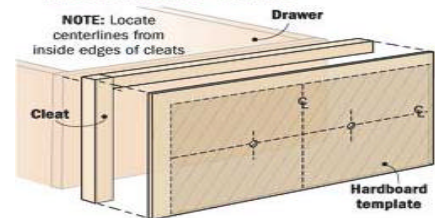
drawer front.

After gluing on the cleats, the next step is to mark the centerlines, as shown below. Then lay out and drill the mounting holes for the pulls in the template.

To make sure the holes are located accurately, it's a good idea to temporarily mount the handles in the template. If everything checks out, you can go ahead and drill the holes in the drawer fronts.



#### ASSEMBLY VIEW



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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](mailto: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](mailto:wwrig@kc.rr.com)  
4214 N Brighton Ave KC. MO. 64117**

## Member of the Month

Brian Kemp

### Jay Nichols



**What is your specialty in woodworking?** I enjoy furniture making, but end up doing many cabinets and lots of craft knick-knacks.

**How many years have you been woodworking?** I have been doing various forms of woodworking for almost 50

years. I started making projects when I was about 12 years old. One of my first projects was a wooden slot car track with a 1/16 inch groove and two tin foil strips to carry the electricity. I still have the 1/16 inch Stanley router bit that I used in an electric drill and home made compass jig to make the curved grooves.

**What is your favorite hand tool and why?** I really prefer power tools, but I use a hand scraper and chisel frequently. The scraper works well for taking out minor imperfections, but it is great for removing runs and dirt specs before the final finish coat of polyurethane.

**What is your favorite power tool and why?** Next to a table saw, I think a table-mounted router is one of the most useful tools in furniture making. With today's router bits, you can make just about any shape and joint. I confess to collecting too many tools and not making enough furniture.

**What is your favorite wood to use and why?** I prefer air-dried walnut due to the beautiful grain and various colors. I end up using mostly oak and ash due to availability and price.

**What is your most favorite project you have built and why?** Thirty years ago, I built several living room tables and lamps out of solid oak. We are still using them today. My wife did the design and my primary tools were a radial arm saw and router. We made a few mistakes, but the furniture has lasted many years.

**What is the best deal you have gotten on a woodworking tool?** I buy lots of tools at garage sales and auctions. I just bought a Laminate Trimmer with extra bits for \$10. I gave \$25 for my older Shop Smith at a

garage sale years ago. The seller had no idea what the big box of accessories was.

**What guild activities have you been involved in, how many time/or how long?** I have been a Guild Member for several years. I would guess the chair project is the first significant activity. The time required is significant, but enjoyable.

**What has been your favorite guild activity?** I enjoy tool talk, show and tell. The after meeting activities are a favorite part for me.

**What Shop Tip can you give us?** Operate power tools only when you are rested and alert. I almost lost a finger in a table saw late one evening. I was too tired to pay close enough attention. Be careful!

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



Oak coffee table



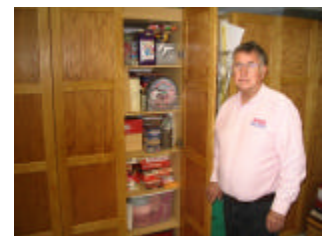
Oak stool



Oak hex table



Walnut mantle clock



Shirley craft cabinets /  
Oak & Ask

### Show & Tell - Show Pictures



**Wayne Suter:** Walnut & Maple, Sycamore & Wenge, Maple Paduk & Wenge boxes



**Mac Dressler:** Old rocking chair where he replaced the leg. Original chair was made around 1880 from air-dried walnut with a cane back.

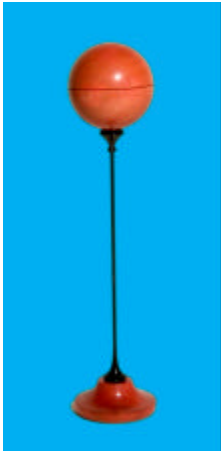


**Mac Dressler:**  
Replaced leg



**Anthony Harris:** Spherical boxes and stand made from Pink Ivory and African Blackwood

Also "Acorn" boxes made from Palm Nuts and Macassar Ebony, Boxwood, Black wood and Cocobolo.





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

### Meeting Minutes

New Members / Visitors: David Stewart, Jim Stewart ,

#### **News:**

David Roth mentioned about the death of Mel Hudson and the article in our guild newsletter. The Guild gave 30 seconds of silence in remembrance.

Paul Twenter talked about available leadership positions and asked people to see him during the break.

Jim Bany spoke briefly on Habitat for Humanity and thanked 36 members who helped out on the project. He also said the Home is straight, level, plum, and square.

Bill Evans will be taking over handling the tool raffle. Thanks Bill. And Thank You, Chris Kunzle for all of the work you have put in our guild raffles.

David explained the project to the new members and visitors. Jim has been doing this for 5 years with guild members and for about ten years now overall.

Wayne Suter mentioned if anybody has a product for the review panel on the CRP. The meeting is trying to be schedule for late November or early December.

#### **TOOL TALK**

David talked about the new trim router Bosch has called the Colt. It has a soft start and the bits are easy to change. It come in single speed and variable speed. It was mentioned in Woodsmith and Fine Woodworking Magazines.

Wayne Suter replaced his Performax sander with a 25 inch Woodtek with a duel drum sander

Mac Dressler talked about the Tight bond III Glue which has a more open time when gluing things up. And the glue leaves a light brown tint in the glue joint, which is nice when you are using mahogany or walnut for glue up.

Bill Evans Agrees with Mac; and Bill mentioned that the glue is waterproof and is good for outdoor projects.

Woodcraft had a sale on Bessey Clamps and Woodcraft sold out and Jim Stewart went to Lowe's and showed them the flyer and Jim got another 10 percent off.

John Maciel talked about the Her-cu-lift he uses under his table saw to roll out his table saw out to the driveway. And the cost is 49.00 dollars and is available at the Home Depot.

#### **Name Tag Raffle**

Bill Webb - drill bits, Kevin Thomas - clamps, Phil Akers - cable clamp, Bob Wilson - clamp, Jim Reynolds - screw driver bits, Roger Grout - safety glasses, Art Howell - safety glasses, Parker Nicholson - a penholder, John Morrison - a penholder, John Johnson - a cable clamp

#### **Toy Raffle**

Tim Helfrich - cart and shop towels, Jim Reynolds - large clamps and a tool tote, David Roth - the level set, Bill Evans - carving tool set, Kevin Thomas - micro-wave, Russ Amos - magnetic tool holder, Ken Sokol - a set of clamps, Terry Van Dyke - a set of clamps, Krista Graham - a micro plane bit, Dan Coronado - a handsaw

### 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 2nd  
December 7th

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.

### Show and Tell:

**Wayne Suter** brought in some boxes. The first was made of walnut and maple the second was made from quarter sawn Sycamore with Wenge splines and the third was made from Maple, Paduk, and Wenge. They have three coats of Poly/oil and are hand buffed. He made the box and then cut off the lid. They also have barrel hinges. 10 mm and 5 mm Hinges.

**Anthony Harris** made some Spherical boxes and a stand made from Pink Ivory and African Blackwood and has a Carnuba Wax. He also made some "Acorn" boxes. The Material is Palm Nuts and Macassar Ebony, Boxwood, Black wood and Cocobolo. They have a Carnuba wax finish. The bottom half is made from a nutshell.

**Mac Dressler** brought in an old rocking chair that he replaced the leg. He brought in the old leg so we could see how the leg was made around 1880. It was made from air-dried walnut. Mac finished the leg with shellac to match the rocking chair and also had a coat of wax to it. Mac also talked about the cane back.