



# Wood Words

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

Volume 21 Issue 12

December 05

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

**Don't forget your  
2 X 4 contest item**

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Wayne Wainwright

**December Raffle: There will be no Raffle, but please bring Show and Tell**

**Next Meeting Wed. December 21st, 7 PM**

**Program: Christmas Party**

## **Sawdust: The Presidents Corner**

*Wayne Wainwright*



As the old saying goes, I must be having fun because time has gone by so fast - Can you believe another year has passed?

2005 has been an interesting year for the Guild and will go down I think as an historic time for our organization.

We are well on the way to completing our chair project. As of this writing, we are poised to deliver 47 of our 55 chair commitment and have a plan to complete the rest very soon.

Beyond the obvious financial benefit for our Guild, this project has accomplished more to bring our people together, to develop camaraderie, to develop skills and to just plain "have fun" together as a group, than anything I have participated in during my years in the Guild.

I am incredibly proud of our membership. At last count (and this is by no means final), I believe we have had approximately 65 people involved in helping to build the chairs in some way.

That represents about 80% of what I call our "highly participating" membership - those who attend 8 or more meetings a year. That is the largest number of people to participate in "any" single project - including the annual tool show (which by the way will be Feb. 3rd - 5th this year).

Thanks to everyone who has participated and if you have not as yet, there is still "some" time as we will need to make a few more to meet our commitment.

Overall, the project has gone very well although we have had our share of issues. Our "waste" has been much too high - about 30% of the material.

But we have learned how to repair in creative ways or when to just "chuck it out" as it is not the sort of qual-

ity we want to represent the craftsmanship of our Guild.

Many people believed it was an impossible task to build 55 chairs for a com-

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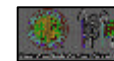
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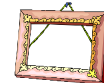
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mercial project by “farming out” parts of the construction process to individual shops. We have had to overcome “tremendous” design and logistical issues with this project, but as a team and with the help of some incredible knowledge within our ranks, we have proven the skeptics wrong.

I hope you make it to the December Christmas meeting where we will recognize some of the people without whom, we would never have been able to get this project off the ground and those who have contributed in some significant way to our organization this year or over many years.

2006 is almost upon us and yes, while we are still closing out 2005, plans must begin to keep our momentum moving in 2006 and beyond. The Woodworking Shows (1st week Feb.) and the Home & Garden shows (2nd or 3rd week of Mar.) are coming soon. We also have signed up to do the Schlagle Library event again in May 2006 - if you have not visited the Wyandotte County State Park, you are missing a wonderful bit of scenery in our great city and I hope you don't miss this opportunity!

I would like to have 3 groups of planning volunteers put together by the end of next weeks meeting so we can begin preparing for those events. I know...., it is the Christmas party and we should be “light” on business, but if we do not get these events kicked off now, we will be struggling when they arrive.

This year as you know, we have obtained some professional “booth” panels with an eye to putting on a better face for the Guild at such events. We will also need a small cadre of people to learn how to put these panels together to make a professional looking booth for the Guild. If you have good mechanical skills, this is a job for you. Please see me “anytime” if you would like to try your hand at booth making.

Remember, the people who volunteer for the events get in free so when the planners come and ask for your participation at a show, make sure you welcome them with open arms. Thanks to you, the last couple of years have been very good to us at the Woodworking Show and we are making some in-roads at the Home & Garden event.

Also, 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.

Just a quick reminder about the Christmas party:

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**

**Thanks for making 2005 a Great year for the Guild!**

## **Program: Mac Dressler - Chair Seats and Ken - Grainger Vacuum Veneer Press**

David Roth

Mac Dressler is working on the backs of the chairs for our chair project.

The backs are straightforward but have a lot of operations to prepare them. First he had to find a good square corner that became the bottom plus to see what has a good face to it. Then you draw a centerline down the middle. That line will be a reference line for the rest of the operations.

They were scored where the shoulder is cut to prevent tear out on the operations. Then he put it on the table saw and cut the tenon. Then Mac drew the pattern on the back and put it on his drill press to bore two holes with a carbide boring bit. Mac was impressed by the way the bit cut.

Dave Kraatz made a jig for the tenons. The jig does two operations. Rounds the sides of the tenon and also cuts the bevels on the two shoulders to give us a good surface to finish up the joint with little effort. After the shoulders are cut you can cut the pattern out.

The edges are then milled with a two-fluted router bit. Then you put a 1/8<sup>th</sup> inch round over on the edges and the hearts. We will have to fit each back with a seat

and make sure it fits. The difference in the weather changes the way they fit.

Mac made his template from ¼ inch Baltic birch plywood. He made four of them. He screwed them all together and then cut them out together so they will be fairly identical.

Dave Kraatz came up to explain about the jig. It's a box in a box with a ramp so it gives you free access "floating" for the router at a 7-degree angle to cut the tenon. Basically it is a 3 dimensional router jig. Mac gave us a demonstration using the jig on the tenon.

### **For our second program:**

Chuck Slagle introduced Ken Grainger on how to make a vacuum veneer press. Ken is a charter member of the guild. Veneer has been around for a long time and veneered wood is 1/8<sup>th</sup> inch or less thickness.

There are three or four ways to put veneer together. You can use a lot of clamps and clamp it down tight. Or you can go to your fabric store and get the heaviest vinyl they have and get some vinyl glue and glue them together. Instead of going to a woodworking store and spending \$100 on the bag you can get the same size bag at the fabric store for \$10 to \$20.

To hook it up Ken has a truck valve and a backing board, which is a piece of Masonite with one inch grooves going vertical and horizontal so it can suck the air out evenly.

Ken used a compressor out of a dehumidifier and you can use a pump out of a refrigerator. When pulling the vacuum down you can get 14.7 pounds of pressure per square inch. That's over a ton of pressure per square foot! You would have a tough time to get that kind of pressure out of hand clamps. By using vacuum veneer pressing, you get even pressure all over the surface of your project. Also if you have a nice strong frame in your vacuum press, you can do bent lamination in there as well.

Ken uses formaldehyde glue on his bent laminations because when the vacuum press is vacuuming the air

out, it won't move the boards or slip when it is pulling down pressure over the wood. Ken leaves the project in the bag for four to six hours when the vacuum veneer press is on. Sometimes he lets it run overnight. Some pumps have oil in them and when the motor gets hot you can smell the oil burning. Ken took an old water hose and attached it to where the fumes come out and sticks the end of the hose outside where the fumes can be outside instead of in his shop.

Ken says that you can buy a vacuum veneer pump but you'll spend anywhere from \$200 to \$1,000 and most of those pumps are noisy. A refrigerator pump is quiet. Ken probably has only \$30 to \$40 in his system. When you veneer a piece of wood, be sure and veneer both sides so the wood won't warp on you and try to use the same species. For example, you can use Walnut Burl on the front and straight-line walnut on the back

**Thank You Mac Dressler and Ken Grainger for an excellent program!**

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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 cleaning out a mortise with a hand chisel. It was late and I was tired (mistake #1). I was holding the piece of oak (1.5 " square and 3 feet long) with one hand against a table (mistake #2). I remember losing concentration for a couple of seconds (mistake #3). The chisel went into my

thumb and made a clean chop about 1/8 into the skin. There was lot's of blood but no stitches. It still hurts a week later but I'm OK.

### **Advice to other Woodworkers**

1. Don't continue working when you are tired and it's already getting late. 2. Use clamps - not your hands to hold a work piece. 3. Concentrate when you work - don't loose focus.

### **Accident Description**

I was using a 3/4 inch wood chisel to clean up a notch cut in ebony that I should have used the vise, So I like an idiot decided to hold the piece and chisel away. Well 5 strokes into it with a freshly honed chisel it slipped and plunged effortlessly into my left forefinger above the second knuckle, about a 1/4 of an inch deep. I immediately applied pressure and wrapped the finger. I was lucky it did not go deeper.

### **Advice to other Woodworkers**

1) use carving gloves if you cant use your vise 2) Use your vise 3) Don't place your hands in the path of your carving tools

### **Accident Description**

Chisel slipped out of my hand and I reached for it with my left hand so that it wouldn't hit the concrete floor and possibly hit on the edge of the blade. The chisel was a 1" wide chisel and one corner of the blade buried itself in the upper palm of my hand just below my middle finger. Luckily, it didn't cut any nerve, just bled like crazy and hurt for awhile.

### **Advice to other Woodworkers**

Never attempt to catch a falling chisel. If it hits the floor square on the blade edge, you can always re-sharpen the blade. There's not much you can do if it buries the blade somewhere in your hand and you are left with a severed nerve.

### **Accident Description**

I was trying to recess the strike plate on my new front door and was pushing upwards with a dull (duh!) chisel when it slipped. It flew back and hit my forehead leaving a 1" long gash. At the time I was NOT wearing safety glasses and it narrowly missed my eye!

### **Advice to other Woodworkers**

1. Know your limitations...don't try to work too hard when you are overly tired. I had been working for about 18 hours that day. 2. Keep your tools in good working order. I now remember my father telling me once that there is nothing more dangerous than a dull blade. 3. ALWAYS WEAR EYE PROTECTION!!!



## Shop Tip

### Four Steps to a Flat Panel

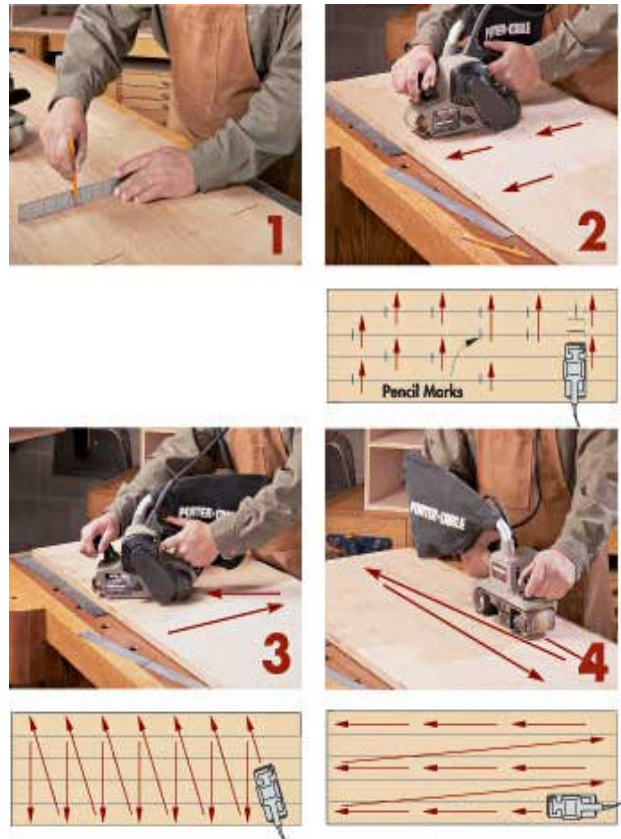
When it comes to sanding a glued-up, solid-wood panel flat, a belt sander is really the tool of choice. And it only takes four easy steps to get the panel flat and smooth. Here's how:

The first step in flattening a panel is to mark the high spots. Holding a metal straightedge across the width of the panel makes this an easy task. Gaps between the straightedge and panel indicate low spots. High spots, which will be touching the straightedge, are marked as shown. Check the entire length of the panel, moving the straightedge a few inches at a time (*Fig. 1*).

To “knock down” the high spots, hold the sander so it faces across the grain and move it back and forth over the pencil marks. Keep the sander moving to avoid gouging the wood (*Fig. 2*).

Load on a fresh belt and continue to sand across the grain. Move forward, backward, and slightly sideways in a long “W” pattern to level the entire surface of the panel (*Fig. 3*).

Finally, switch to a finer grit sanding belt and sand the panel with the grain. This will remove any cross-grain scratches and smooth the panel out before you apply a finish (*Fig. 4*).



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 Year

Brian Kemp

As has become our new tradition, we will select a Member of the Year for this spot. Unfortunately, there was a “tie” so one member will be selected by the next Leadership Team meeting and announced at the Christmas meeting to receive their award.

In the mean time, here is a look at our contributors of the past year. Thanks to each of you!



**January: Frank Layne**



**February: Tim Helfrich**



**March: Rick Hetherington**



**April: Ken Sokol**



**May: James Childress**



**June: Anthony Harris**



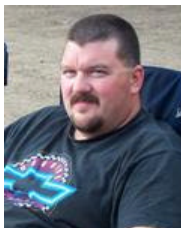
**July: Mac Dressler**



**August: Chris Kunzle**



**September: Bill Fitzgibbons**



**October: Trent Glamann**



**November: Jay Nichols**

### Show & Tell - Show Pictures

Childress - Wood Slot Jig



Amos - Lamp Pump



Ramsey - Hall Table



Bany - Tea Table



Clausing - Business Card Holder



Webb - Clock



Jones - Mirror



Webb - Puzzle Box



Harris - Boxes



Fitzgibbons - Clock Carving



### Mac Dressler and Ken Grainger November demos



Shadow boxes in use



Chair Project in process





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

### Meeting Minutes

New Members / Visitors: Bill & Theresa Bysel

#### **News:**

Chair Project: 47 chairs are completed and ready for delivery

#### **TOOL TALK**

Mike Jones purchased a new impact nailer for around \$80 to use in tight corners and is used with an air compressor. It works with one nail at a time.

Erl Poulin talked about some bar clamps for around 4.00 each with reversible jaws.

Someone put in a quarter mile fence using a Sears Craftsmen 9.2 volt Trim saw to cut the ends off the ends of the boards, with one battery charge. He also got the 19.2-volt cordless drill that screwed around 500 screws on one charge.

Someone purchased a Ryobi impact drill driver for around \$60 and it work great, with no effort on your arm or elbow.

#### **Name Tag Raffle**

Russell Clausing - micro plane-sanding drum, Jim Bany - bit set, Sandy Williamson - safety glasses, Mike - a bit set, Bob King - lazy Susan, Tim Sweeny - lazy Susan, Jerry Davison - lazy Susan, Sherry Nicholson - lazy Susan

#### **Toy Raffle**

John Morrison - chisel set, Helena Neal - straight-line laser level and Turbo clamps, Wayne Wainwright - Microwave, Tim Helfrich - large clamps, Krista Graham - extension cord reel, David Roth - laser level set, Bob King - Irwin saw, Boris Duncan - clamp, George Dixon - level and screwdriver set, Ken Sokol - small set of clamps, Bill Webb - small set of clamps, Aaron Menning - shop towels.

#### **White Ticket:**

Tim Helfrich - 100bf Cherry

### Show and Tell:

James Childress brought in a jig to cut the wood slot in chair legs for our chair project. It is made with MDF, Pine, and Maple.

Mike Jones brought in a hand mirror made from cherry wood. It has a wipe on poly finish. The points of interest are the handle shaping a carved texture on the back. The challenges were shaping the handles and body.

Russell Clausing brought in a business card holder he made out of walnut. It has a poly finish. The challenges were cutting 3/16-inch wide strips.

Russ Amos brought in a lamp pump made from cherry. The points of interest were that it is made 40 years ago in high school. The challenges were surviving.

Jim Bany brought in a tea table made from Maple stained to look like Cherry. It has a shellac, oil and urethane finish. The challenges were making maple look

### 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 7th  
July 5th  
August 2nd  
September 6th  
October 4th  
November 1st  
December 6th

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

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

like cherry.

Bill Webb brought in a clock made from cherry and Birds Eye Maple. It has a poly and wax finish. The challenges were first try at re-sawing. Bill also brought in a puzzle box made from walnut with an oil and wax finish. The points of interest were it was made from one piece of walnut. The challenges were the tolerances between parts.

Anthony Harris brought a bagel box, clam-shell box, and square box. The types of wood he used were cocobolo, Vera wood, African Blackwood, pink ivory and a Carnauba wax finish. The points of interest: turned object that is square. The challenges were preserving clean, sharp, square corners on the box.

Bill Fitzgibbons brought in his large clock carving made from cherry. It is made with the help of his friend Jacob Villotti.

Jim Ramsey brought in a hall table he made in a wood working class with David Marks at the Marc Adams School of Woodworking. The materials are walnut, Wenge, and copper. It has a Watco finish and the challenges were fitting the top.