



# Wood Words

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

Volume 22 Issue 4

April 06

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

**April is "voting" month. You must be present to vote!**

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**Video**  
Don Kruse

**Books**  
George Rexroad

**Editor/Web:**  
Wayne Wainwright

**April Raffle:** Bill Evans will have his usual assortment of items

**Next Meeting Wed. April 19th, 7 PM**  
**Program: Merle Krugman - Scroll saw Techniques**

## Sawdust: The Presidents Corner

*Wayne Wainwright*



Well, it is finally here. My last month as your President. In some ways I am quite saddened and in others, quite pleased. I have enjoyed my time on the leadership team thanks to all of you. I knew this day would come and have been preparing for it for some time.

Now that it is here, the emotion I feel the strongest, is pride. Proud to be a part of an organization that has seen the vision of the future and embraced the change needed to help us get there.

I feel we have accomplished a lot over the last 2 years - perhaps not all we set out to do, but much more than I expected.

Soon, a new President will be at the helm and I can think of no better person than our current Vice President, Jim Bany, to help us continue to grow and to march forward to a new and more meaningful existence.

Every President, over the years, has put his "stamp" on the Guild. I am not sure what mine will eventually be (I hope something good), but one thing I know for sure - we are in good hands now.

For those of you who don't know, Jim is an excellent woodworker as well as a good man.

He is one of a handful of people I turn to when I have questions on just about any subject. His knowledge comes from many years of hard work and contribution to society as a whole, which is why I am convinced he is the right man at the right time to lead us.

So for now, I say so long - it has been a good ride!

We added another 3 new members in March, and I

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SPONSORING MEMBERS



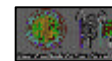
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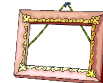
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know you will make them feel welcome (see their names in the meeting minutes section).

Paul Twenter is arranging a Northland “large” Shop Tour on March 20th. As my new shop has made the list, I hope you will pardon me if it is not “quite” ready, but you should see the beginnings of my future plans.

At the last officers meeting, the leadership team voted to update our Insurance policy to include Officers Liability coverage. Now that we have produced a “commercial” project, and continue to do such projects, our broker advised us this was a required move.

After purchasing the material for the chairs, the insurance, the panels for the Woodworking Show and a couple of tools for the Guild, we are still left with over \$8,000 in the bank - more than double what we had last year at this time and we still have a few members who have not yet renewed their membership as yet!

Andre’s has given us the “go ahead” on the next project and a design team is being assembled. We will design both tables and benches and then determine which we build first. More info on that will be coming soon.

Please note the “blurb” on the last page of the newsletter regarding the VFW Unmet needs program. If you subscribe to Wood Magazine, you will undoubtedly have seen the article on the picture frame project. We will participate in the program this year. Again, more information will be forthcoming soon. Please let Wayne Wainwright or Brian Kemp know now if you are interested in participating. This one will kick off very soon.

As many of you may remember, the Guild obtained 2 trees last year. 1 Pecan and 1 White Oak. We had a Sawyer cut them up and our Sponsor Elmwood kiln dried them for us. We now have that material in our possession (stored in my new workshop). The Pecan is pretty good

stuff, but the Oak did not turn out as well as we would have liked. A few of the leadership team will be at my shop soon to “sort” through what is worthwhile vs. what is not. The Pecan will be made available for sale as soon as we can determine a reasonable price.

The White Oak will be made available once we have “culled” the stack for useable material and bundled it. Some of it may be used for the picture frame project, some will be thrown away and the rest will be put up for sale. We are also considering putting some of both lots in the raffle as the Red Oak we did that with last year seems to have gone over well.

## Program: David Roth - Intarsia

David Roth

David has been a member of our Guild for 8 years. He passed out instruction sheets on how to prepare an Intarsia project and showed a Fleur-De-Lis to the guild and said once you learn how to do a simple piece like this, you will be able to apply the same procedure to any intarsia project. David suggested you can buy books on intarsia at woodcraft, book stores or the library.

**To make Saint Michael:** Take a prayer card and enlarge it to the size you want. You can use a Light projector as the tracer. Then do a light sketch of the drawing making sure all of the lines connect.

He showed the enlarged drawing to the guild members and he pointed out that when a drawing is enlarged, the pencil lines you drew are now larger. You need to redraw it with a 5 mm pencil. Why? When you try and cut out the pieces with a scroll saw, you might not be able to cut the pieces accurately. You want a fine drawing line of the pieces you are working on; especially if the project has a lot of parts.

David did this by using a flexible curve tool. He took the large ink copy drawing and placed it on a window and taped it to the window. This was done in the day time. (An inexpensive light box). You can also use a large glass door, such as a storm door from your front or back door. He placed another sheet of paper over the enlarged drawing and taped it. Next he used the flexible curve to match the lines of the drawing and traced the pattern over again.

This took approximately five hours. David noted that even though this takes a while; once you have your master copy you won't have to do it again. You can make as many copies of your drawing as you want. David thinks it is worth the time and effort.

After the master drawing is done, make some copies. Take your fine line drawing copy and number all the pieces. After the pieces are numbered, figure out what is the best grain direction for each piece; and draw an arrow in the direction of the grain you want. At the same time you can decide what color of wood you want to use.

Make three patterns of that numbered drawing. Place the original in a safe place in case you need to use it again for another project. With the two copies, one is going to be your master and the second is the one you are going to cut out with a Xacto blade. A Number 11 blade is a good blade to use and has a sharp point, but first.....

Figure out which woods you are going to use and mark that on your master copy. Match the number of your project with the wood. (You will write the number next to the wood on the master copy). It is best to start with number one then number two, etc. It is best if you go in numeric order so you don't get confused were the cut out pattern goes on what wood.

Example: 1 through 17 is maple. Write maple on your master copy and write the numbers 1 through 17. Maple is used for the wings - now write cherry on your master copy, now list the numbers 18, 19, 20, 21, 22, 23, (cherry 18-23 is for the clothing on Saint Michael.) Next Mark the next type of wood you are going to use on your master copy and start with number 24, etc.

Do this to all of the pieces. This is your game plan for color selection. Before you cut out the pieces, take some empty plastic containers and mark each container with the wood species on it. One container for maple, one container for cherry, etc. Now cut out the pattern starting with number one and place that cut piece in the appropriate bin. Do this to all of the pieces in your pattern and place the cut out pieces in the marked containers. Take your bin of cut pieces of maple and place them on the stick of maple for best grain direction.

Now draw a pencil line around the cut out pattern piece. Remove the cut out pattern piece and see if you like the grain direction. If so, write the number of the piece inside of the pencil line and place the cut pattern back into the

maple bin. Do this to all of the maple pieces. Now do the same with the cherry bin and to the next bin, until all of the pieces are put on the wood for the best grain direction.

Take the maple bin, remove the pieces and turn them upside down on a piece of cardboard and spray self adhesive spray on the back of the cut out pattern pieces. Pick one of the pieces with the spray on it and find the number that is on the board and stick that pattern piece to the wood. Do this to all of your maple pieces, Then the cherry pieces, etc.

Now go to your scroll saw and get ready to cut your pieces. Be sure to wear your safety glasses and make sure your spring clamp is in place and working . Cut out all of the . (DO NOT TAKE THE PAPER OFF THE CUT OUT PIECE YET.) Be patient. After all of the pieces are cut. Take a water proof pen (uni-ball), and mark the number on the bottom of the wood. Do this to all of your wood pieces that you cut.

NOW, remove the paper from the cut out piece and match to the master copy pattern. Do this to all of the pieces. You should now have all of the pieces cut for your project and are ready to sculpt and shape the wood.

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Make a marking gauge half the thickness of the wood you are using. Take your marking gauge and draw a line on each of the cut out pieces. This is the line you are going to sand to. (David uses a soft sanding drum to shape his pieces but a hard sanding drum will do.)

Using an 80 grit sanding drum, hold the cut out piece of wood at a angle and the number with the ink on the bottom and start sanding the wood to the line. Don't worry too much about sanding exactly to the line you will do that with the 150 grit sanding drum. Do this to all of your pieces with the 80 grit sanding drum.

With a 150 grit drum you will sand right to the line of each wood piece. Then you will sand the top of the wood to your liking. By doing this, one you are removing the oxidation off the top of the wood and second you are sanding the exposed piece of wood to a nice smooth piece to your liking. Now do it to the next piece and continue until done.

Next you will use the 220 grit sanding drum. It is just for removing the sanding marks left over from the 150 sanding drum. This process doesn't take as long because your pieces are already sculpted. You can stop at 220 grit but David likes to sand all pieces to 320. Again you are just removing the sanding marks left over.

Put all of the pieces back on your Master copy and look at your work. Do all of the pieces fit? Are they shaped and sculpted to your liking? Are all of the pieces smooth? Now put the finish of choice on each piece. Don't put the finish on the bottom which will be glued to a backer board.

Take a 1/8<sup>th</sup> Or 1/4 backer board, depending on the size of your project and place the project on the backer board and trace around it with a pencil. Put the pieces back on your master copy - you should have a silhouette of your project on the backer board. Take a red pen and draw a line 1/4 in on the inside of the silhouette, this line you will cut out with your scroll saw or saber saw.

David likes to take black shoe polish (liquid) and cover the exposed edges that were left from the scroll saw. He does this so the exposed edge won't stand out when your art work project is hanging on the wall. Now glue the pieces to the backer and let the glue cure over night.

Determine the center of gravity 1/3 from the top and screw in a hanger on the back. David doesn't like to use the saw tooth hangers because they have more of a ten-

dency to fall off the wall. Now place a nail in a stud behind the wall and enjoy your piece. Or you can give the art piece to a friend. If you have any questions give David a call at 913-338-2433

**Incredible as usual David.  
Thanks for an exciting program!**

## Shop Safety

### Accident Description

I was doing some remodel work at the apartments and needed a shim 1" thick and the size of a 2x4. The 1"x 3 1/2"x3 1/2" chunk went kick back so fast that I actually didn't know what hit me!

Luckily I was wearing safety glasses (real lucky), the piece started at my upper lip and basically rolled up my face. I've sustained worse but was worried that if I passed out I knew no one would be around.

When all was said and done I had a bruised tooth, split upper lip, nose the size of a screwdriver handle, cut over the right eyebrow just above where the safety glasses ended, and a bruise behind the right ear where I fell on the tool bucket that was about five feet behind me. (yes it hit me THAT hard) I truly did not see it coming.

You can imagine what I was wondering what just happened! Since then I've had kick back throw material completely out of the shop overhead door and hit the wife's car (twice!!) I'm no shmuck or punk dummy that flies by the seat of my pants but I make a lot of sawdust in areas most wouldn't call a "workshop".

### Advice to other Woodworkers

Buy a full face shield and keep it hanging on the on-off switch. It will fit over glasses and safety goggles, is cheap (come on, 10 bucks!!), and you only have to wear it for the 25 seconds that the saw is running.

Oh yea, the wife will let you use power tools again without sounding like your mother. I really got lucky that I didn't get scalped, lose an eye, lose a tooth, or get a tracheotomy (hole in the throat).

My wife buys my "look nice in public" sunglasses now because of a crooked nose. It will happen, don't let kill you.

## Shop Tip

### Pipe Clamp Storage



I've accumulated quite a pile of pipe clamps, but never found a convenient way to store them.

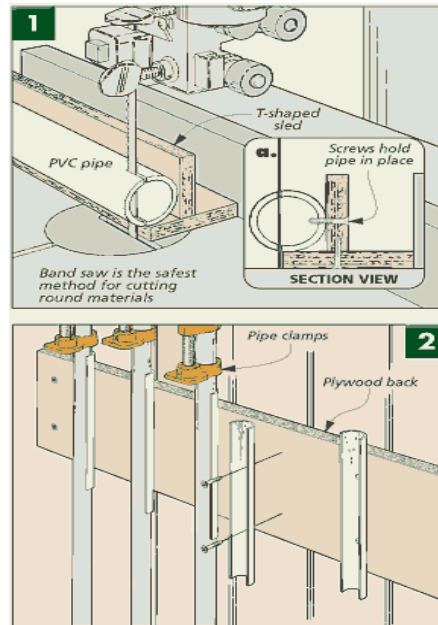
Recently some left over PVC

plumbing pipe gave me an idea. The snap-in pipe clamp rack you see in the photo is the result of this inspiration.

The trick, I discovered, is that if you cut a section of 1" pipe lengthwise, a little off center, the 3/4" pipe of the clamp will snap securely into it. So my clamp rack is simply a series of pipe sections screwed to a piece of plywood, as shown in Fig. 2.

The only hurdle to cross is making the lengthwise cuts on the sections of PVC pipe safely. Fig. 1 shows how to do this. I put together a simple plywood sled to hold the pipe sections in place while I ran them through the band saw. A pair of screws holds the pipe sections to the sled and the same screw holes can later be used to attach the pipe sections to the rack.

To get the right fit in the holders, I used a test



section of PVC pipe to set the band saw fence. You want the clamps to snap easily into place but with enough "grab" to hold them firmly.

Now, all the pipe clamps that once haphazardly occupied the corner of my shop, hang neatly on the wall

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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

### Terry Vandyke



#### What is your specialty in woodworking?

Building items for my family and my church. I've made rocking chairs for my grandsons, night stands for my daughter, a quilt stand for my wife and a walnut coffee bar for the church just to name a few of my projects.

#### How many years have you been woodworking?

I have been working with wood for over 45 years. I took industrial arts in high school and had a very good instructor.

#### What is your favorite hand tool and why?

I would say the hand plane. I like to see the way it can curl the wood if it is properly sharpened.

#### What is your favorite power tool and why?

My new Sears professional table saw with inline duby cut off guides. The ease of cross cutting material whether it be one or fifty repetitive cuts at any angle is amazing.

#### What is your favorite wood to use and why?

I would say red oak and walnut. The red oak I like because of the staining ease and the way the grain stands out. The walnut I like because of the warmth of its touch.

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

I think the two child's rocking chairs I built for my grandsons. A close second would be a large white oak hanging cross I made for our church. These both have close meaning to my family.

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

A hand plane I picked up at a sale. I don't even remember what I paid for it, but it was not much. It is a Stanley Bedrock 605 in very good condition.

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

I was a director while Cal White was president. I co-chaired the wood working show at the Crown Center one year. I have helped on the toy project several times and last year I helped with the chair project.

#### What has been your favorite guild activity?

I like the programs and presentations. Also enjoy show and tell and the fellowship with other wood workers.

#### What Shop Tip can you give us?

Do not work in your shop if you are overly tired, emotionally upset or just having a bad day. Your thought process will not be with you and this is when mistakes are made or accidents happen.



Cabinet



Car

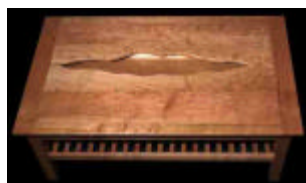


Plant Stand

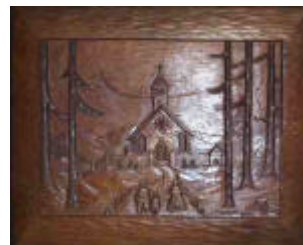


Roll Top Desk

### Show & Tell



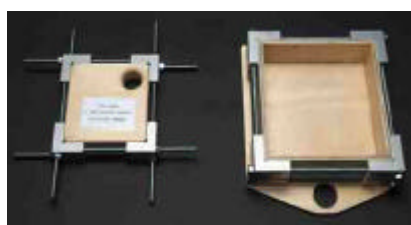
**Russ Amos** - Cherry Coffee Table finished in lacquer and hand rubbed with wax.



Unknown



**Jim Bany** - Bread boards made of Walnut, Maple and Cherry



**John Van Goethem** - box clamps made of Aluminum



**Anthony Harris** "Saturn Box" made of Rosewood, Cocobolo, Brass and Boxwood



**Ray Graham** - Something he called "aluminum wood".



**James Childress** - Spoke shave from Curly Maple, steel and Brass



**David Roth** - Intarsia



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

### Meeting Minutes

New Members / Visitors: Dave Wootton, Bill Johnson, Dan Wilson, Dave Kennedy

#### **News:**

The Guild is planning to get involved in the VFW Unmet needs program. This program is being sponsored by Vermont American Tool Company and we believe is very worthwhile.

The current project is to make some wooden picture frames for soldiers or their families serving in Iraq and Iran.

We are going to try to make a total of 200+ frames over the next few months. Several (about 75 or so) need to be done by the end of May so there is not much time to begin.

We will need people to help us plan out the work, obtain supplies and of course to build and assemble the frames as well as to deliver them to the VFW

If you are interested in participating in this program, please see Brian Kemp or Wayne Wainwright for more information.

### Show and Tell:

**John Van Goethem** brought some box clamps made in his machine shop business. They are made of Aluminum. The biggest challenge is getting the manufacturing cost down

**Jim Bany** brought some Bread / Cutlery boards made of Walnut, Maple and Cherry. They were finished with Oil

**James Childress** made a Spoke shave from Curly Maple, steel and Brass. It was finished with boiled linseed oil and came from a Veritas kit. The difficult part was fitting the blade and adjusting the height.

**Ray Graham** brought in something he called "aluminum wood".

### 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.

**Anthony Harris** showed a "Saturn Box" made of Rosewood, Cocobolo, Brass and Boxwood. He also brought in an "Onion Box" made of African Boxwood

Anthony also brought in an Olivewood box and a "Sweet tater" box

**Russ Amos** made a Cherry Coffee Table. It was finished in lacquer and hand rubbed with wax. Russ likes the opening in the middle for Sand and Rocks to "spruce" it up. The most challenging aspect was the battens on the bottom that had to be pre-finished in sections and then assembled