



Wood Words

Kansas City Woodworkers Guild www.kcwoodworkersguild.org

Volume 23 Issue 9

September 07

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

Big Ticket Raffle
Kreg Pocket Hole Jig
Super Set
To Go This Month

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Books: George Rexroad

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Webmaster: William Johnston
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September Raffle: Bill Evans will have his usual assortment of items

Next Meeting Wed. September 19th, 7 PM

Program: Steel City Tool Works

Sawdust: The Presidents Corner

Jim Bany



This year the Kansas City Woodworkers Guild is giving \$500 to Habitat for Humanity, which is our official community service project. As a lot of you know, Habitat is an organization that is close to my heart. I've been participating with Habitat for the last 12 years and I hope for a long time in the future.

There are a couple of reasons that keep me coming back to build Habitat houses each year, and I would like to share them with you. First, Habitat started in 1975 and, in the first 25 years, 100,000 houses were built worldwide. In the next 5 years Habitat doubled that number. Yet, we haven't put a dent in the demand for good affordable housing for people in need. Millard Fuller, who was the founder of Habitat, made a statement that impacted me greatly. He said: "Every human being deserves a safe place to go to sleep at night."

The second reason is that Habitat is effective. The homeowners have to contribute 250 hours of sweat equity. They then assume a 20-year

mortgage from Habitat that is interest free. A Habitat homeowner is responsible for taxes, insurance and the mortgage payment, which generally amounts to \$400 per month. In most cases this amounts to less than the rent they were paying on substandard apartments. In addition, there is another benefit to the community. When neighbors see the volunteers working to build a new home, they tend to improve their own houses as well. It never ceases to amaze me how building one or two Habitat houses will affect an entire neighborhood.

Finally, I continue to participate because of the volunteers I get to work with. People volunteer out of the goodness of their hearts and the energy they exhibit is pure and contagious. Just to be around that kind of energy is exhilarating. It's my job to direct and explain what has to be accomplished. I am a construction superintendent by trade so I know the chronological order of how buildings are constructed. Getting volunteers to understand this process is as enlightening for me as it is for them. It's like Dave Kraatz or Mack Dressler explaining a wood-

working technique to a fellow woodworker and seeing the smile on their faces when they

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Ozark Lumber

know they've got their point across. So what's going on in your shop?

Program: Sketch Up CAD– John Johnson

By Shelly Taylor

Our speaker at the August meeting was John Johnson, who demonstrated the use of a computer assisted drafting program known as *Sketch Up* that is available for FREE! John's primary goal in presenting the CAD program to the members of the guild was to simply give us the confidence to give it a try. *Sketch Up* can save a lot of time in drawing a design and is definitely worth learning how to use the program to do so. It is, in fact, quite user-friendly and has several features that make it very appealing to a woodworker.

John demonstrated the program and its features by designing a table before our very eyes. To begin with, the CAD model is built in layers, an excellent feature that allows you to work with one layer or several at a time and to efficiently store your data as well. John used a total of six layers for this particular model of a 35x48 inch table – one layer each for the table top, the legs, the apron short, long and separate, and a layer for the dimensions of the table. He decided on a reference point for the table top and then set its boundaries by using the value control box in the lower right corner of the screen. He simply typed in the dimensions of 35x48, the boundaries for the table were set, and he drew his table top by using the rectangle and “push me/pull me” tools of the program.

John then went onto designing the next layer, the legs, leaving the table boundaries on the screen by use of the dimension layer mentioned previously. Again, you can work in one layer at a time, or two layers, or three, or all six, by selecting and deselecting what you want and don't want on the screen at any given point in the designing process. John wanted the legs to be set in 2 inches from the table top, so he set the leg boundaries, then deselected the table boundaries to clean up the screen so as to better work on the legs. He set the leg dimensions, in this case 3x3x32, and drew one leg in a blank space on the screen by using the appropriate program tools. John then demonstrated the use of a second wonderful feature of the program – the component feature. He used the editing tool and made a component of the one leg. This enabled him to highlight, copy, and paste the leg into his model four times, with the screen showing the exact intersection of where to set each leg. He checked on the fit of the legs by

selecting the table top layer to make sure the legs fit in where he had planned for them to do so. Voila, they fit!

Next, John went to work on the short aprons that he wanted set in a half inch on the legs. He set his reference points for the apron and its length. He set the apron dimensions of ¾ by 20 inches in the value control box, drew one apron, again using the rectangle and push me/pull me tools, made it a component, highlighted, copied, and pasted it into the design twice. Of course, John advises you to always check on your work and so he selected the table top and leg layers to check the fit of the short aprons.

The beauty of a computer drawing, too, is that it is a virtual turntable. You can spin and move the drawing all around to look at it from every possible angle, underneath, above, and right through it.

Finishing the table design would continue through the completion of subsequent layers, however, in the interest of time, John stopped at this point to mention a few other things about this particular CAD program. Another feature he found to be particularly useful is that of the template – you can file templates of each part of your model so that they are available for possible use in a new model you want to design. In addition, *Sketch Up* has an excellent help menu with video tutorials showing the use of its various features, along with an “instructor” tool that tells about all of the tools available in the program. There is also a reference card showing the icons for the tools as well as a bit about the function of each tool, serving as a quick and easy “at a glance” tool guide.

All in all, it took John about eight hours to initially learn *Sketch Up* and design a more complex table than the one he showed us this evening. He first learned about this program in *Woodsmith* magazine, but it can easily be accessed by going to Google and googling on “sketch up” and it will take you to the program's website. John will also put a link onto the guild website so that you can access the *Sketch Up* site. You will find that there are actually two versions of the program, a pro version for \$500 and the free version that John demonstrated to us. The freebie contains plenty and more than enough for what John needs for his woodworking projects.

John finished up by noting that you can go simple or complex with *Sketch Up*, from a small box to an entire house. If you're designing the latter and really want to blow the minds of your local building and codes department, import the satellite photo of your building lot by using Google Earth, put your drawing onto the photo and head on down to the building and codes department to apply for your building permit. How could they possibly say no?!

<http://sketchup.google.com/>

Shop Safety

Lathe

Accident Description

I was just finishing up turning a small piece between centers and reached over the piece to sand it. My shirt sleeve caught on the spurs of the center and it quickly wound up the loose sleeve material. Luckily, my lathe is not that powerful and wound up the loose material then stalled the motor long enough that I could hit the power switch. Damage: Small bruise on wrist, one torn shirt sleeve, small bruise on ego.

Advice to other Woodworkers

Watch the loose clothing. The shirt I was wearing was not even that loose- it was a long sleeved tee shirt. Also helps to have an easily accessible power switch.

Accident Description

I had just purchased my new lathe. I was mounting a large log of wet wood on the lathe between centers to find the best balance. Having heaved it up to the lathe and finally pinned it between centers, I turned it by hand to find the heaviest part and moved that to the top so I could let it drop a bit when removing the tailstock centre. I'd forgotten how heavy the piece was. It dropped and hammered my hand onto the banjo. It hurt, but could have been worse.

Advice to other Woodworkers

Don't work with heavy items or any tools, when you're tired.

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Shop Tips

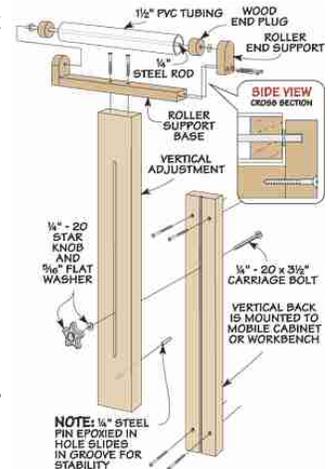
Adjustable Outfeed Roller

I like to use outfeed support when working with long stock. The problem is the support is never in the place I need it. So I built an adjustable outfeed roller, like you see in the photo below, and attached it to a small, roll-around shop cabinet

The adjustment arm is simply two pieces of 2x4 stock sized to fit the side of the cabinet (see illustration above right). A steel pin on one piece glides in a groove on the other piece for stability. And a carriage bolt with a knob locks the roller support at the desired height.

I made the roller using a steel rod and a section of PVC pipe with the ends capped. Then I secured it to the top of the adjustment arm.

Now, I have outfeed support where I need it. And it drops down out of the way when not in use



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www.WoodworkingTips.com

Wanted: Your Presentation

It you have a demonstration you'd like to share with the other members of the Guild, now's the time to step up. Bill Evans is putting together programs for the coming months and your help is needed. If you would like to put on a program or have an idea for a program please contact Bill at the next meeting or call him at 816-847-2318



formerly Kaw Valley and Northland Habitat for Humanity

1401 Fairfax Traffic Way ♦ Suite 323D ♦ Kansas City, KS 66115
Phone: 913-342-3047 or 816-468-7190 www.heartlandhabitat.org Fax: 913-342-4459

August 27, 2007

Kansas City Woodworkers Guild
c/o Aaron Menning
P.O. Box 413922
Kansas City, MO 64131

Dear Mr. Menning:

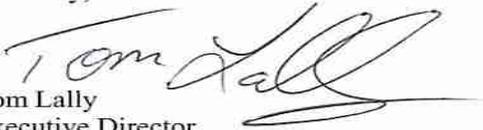
Thank you for supporting the 2007 Building With Youth house build sponsored by Unity Church of Overland Park, the Johnson County Bar Association and U.S. Central. We are very excited about building in the Argentine area of Kansas City, Kansas.

As you know, the Lopez/De La Garza family is the designated family for the house. Both their house and the Women Build house are blitz builds with a completion date scheduled for late October. The families will be able to move into their houses in November. This is the first time Heartland Habitat has built in the Argentine area, where both families currently reside.

In addition to these builds, Heartland Habitat for Humanity created a youth council to provide leadership roles for youth within our affiliate. Hailing from high schools across the greater Kansas City area, this first-ever seven-member council was formed in July to fulfill three major goals, including engaging young people in Heartland Habitat's mission and in their communities. They will serve as the lead spokesmen and volunteers for the Building With Youth house.

We are receiving great support from community and government leaders for this blitz build. The Lopez/De La Garza family will continue to live in the area they call home, with the ripple affect inspiring not only the Argentine neighborhood, but Wyandotte County and the greater Kansas City community as a whole. Your sponsorship helps us make their dream of homeownership come true.

Sincerely,

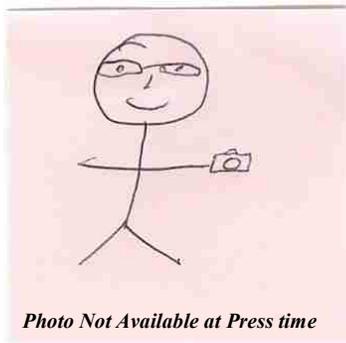

Tom Lally
Executive Director

Please note that Heartland Habitat for Humanity has not provided any goods or services for your donation of \$500.00 made on August 15, 2007, and it is fully tax deductible to the extent of applicable laws.

**Serving Wyandotte, Leavenworth and Johnson Counties in Kansas
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Member of the Month Neal Shoger

By Nan Melton



Our Member of the Month for September is Neal Shoger.

He started woodworking in junior high shop class, and like many of us, left it when other things got in the way.

He came to a couple of Guild meetings in Riverside (ages ago?) and got hooked again. We're glad you're back, Neal!

He claims to have no specialty, with most of his woodworking being done out of necessity. He considers most of what he does construction, not fine woodworking. He does, however, take pride in a recent project, a curved display wall for his photography studio. Between brainstorming with many guild members (some of whom said it couldn't be done the way he wanted it), and his own ingenuity and determination, the wall is now in use and awaits some lighting as a finishing touch!

His favorite wood is walnut, for its grain, color and cost. Tool deals? Finding a Stanley #2 corrugated bottom plane in very good condition for \$25 was certainly one. Planes are his favorite hand tool - he likes the feel of using them.

Finding a Powermatic 45 lathe for \$230 was another. He admits that the lathe is probably his favorite power tool. Without lots of time to devote to woodworking and the considerable planning it usually entails, he enjoys being able to go to his shop and turn a bowl in an afternoon, or discover another form in a piece of wood he's turning.

Since the weekends when we usually get together for projects are his "prime time", work often prevents him from sharing in many of the group projects we've done in the past. What he can enjoy is the meetings, and particularly the "bacon cheeseburger" trip at the end- that's the way he really gets to know and enjoy Guild members.

Neal, once again, congratulations for being September's Member of the Month!

Help Us Write Our New Slogan

It has been decided that the Guild needs a slogan and we want you to write it. So we're having ourselves a little contest. Here are the rules.

- 1- No more than two entries per member.
- 2- Slogan shall be eight words or less and original.
- 3- Slogan shall reflect what we're all about.
- 4- Entries are to be type written on 8 1/2" x 11" paper and include the member's name, address, and phone number.
- 5- All entries must be in by the October monthly meeting on Wednesday October 17th.
- 6- The final three will be selected by the Board, with the entire membership voting for the winner at the Christmas Party.
- 7- The winner will get his name engraved on our new Raffle Ticket Drum, generously built and donated by Russ Amos, and a prize to be determined.

So, let's put those brains to work and write us a winning slogan.

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 William Johnston at: johnston@everestkc.net, 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 Kevin Thomas: 816 941-8865 email: kv1014@sbcglobal.net 100 W. 96th Terrace, Kansas City, MO 64114

Antique Tool of the Month

By Don Kruse

The selection for this month is a plow plane patented September 14, 1875 by M. C. Mayo of Boston Mass. Mayo had previously patented improvements to the Phillips plow planes Jan. 1, 1872. This particular variation was manufactured by Mayo under his own name and were probably produced no later than 1879.

This plane is designated as "THE BOSS" PLANE. That name is cast into the right side of the body of the plane and the patent information is cast into the left side of the fence. The four adjusting screws are each engraved with one of the letters M A Y O. The depth stop on the right side is full length using the adjusting screws engraved with the Y and O, the fence tightening screw is engraved with A and the blade locking screw uses the engraved M. The tote and fence are rosewood. The long depth stop is also corrugated.

This plane has been cleaned and refinished (not by me). The original finish was a similar gold color



but a little darker shade with red pin striping.

The blades are double ended. The single blade that came with this plane is marked "MAYO'S" with one side marked 3/16 and the other side marked 4/16.

TREASURY REPORT

(September 2007)

Beginning Balance- \$6823.92

Income- \$826.41

Expenses- \$261.00

Ending Balance- \$6258.51

Paid Members-

Senior-29

Regular-74

Associate-10, Sponsor- 3

Wanted Writers

Do you have a humorous story of your woodworking adventures? Or maybe you'd like to pass along a technique you've learned along the way? We are looking for stories or articles written by Guild members to publish here and on the Website. If you're interested, either email Bill Johnston at Johnston@everestkc.net or Kevin Thomas at kv1014@sbcglobal.net

Words of Wisdom

Never be afraid to try something new. Remember that experts built the Titanic and an amateur built the Ark.

Anonymous

This is like being a pair of brown shoes in a sea of tuxedos.

Guild Member Fred Chael when he had to follow Wood Turner Extra-ordinaire, Anthony Harris with his own turning project for Show & Tell.

Show & Tell



Paul Twenter– Desk



Unknown Member–Walnut
Burl Veneered Drawer front



Steve Erickson- Band Saw Boxes



Frank Lane– Movie Arrow



Colin Webb's Grandson's First
Woodworking Project– Car



Anthony Harris– Hollow
Form Vases



Anthony Harris– Potato Chip
Bowl



Fred Chael– Restored table leg
and Jig



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

Meeting Minutes

Phil Akers

News / Business:

Jim Bany opened the meeting with "What is going on in your shop?".

Jeff from Liberty Hardwoods talked about their new retail store. It should be opening in October. It will be called Metro Hardwoods and be located in the Noland South shopping center. Right next to Jim Bany's favorite store, Harbor Freight.

Jim also talked about Habitat for Humanity home that is being built in September and invited all of the guild members to help out. Jim also passed out a map and the time when the build is.

Bill Evans mentioned that the guys from Eagle Jigs, LLC will be putting on a full blown demonstration of the Router Wizard. It will be on September 22nd, from 09:00am to 11:30am, at their shop in south KC. The address is 14221 Peterson KC, MO 64149. They would like a call from all those planning to attend so they can get a head count. The number is (816)810-9181. Bill will have maps available at the September meeting for those planning to attend.

New Member: Doug Buell of Shawnee, Ks. Doug likes to build furniture. We had 2 visitors, **Leo Lutz** of Lawrence, Ks and **Jim Hampton** of Leawood, Ks. Welcome to all.

John Freeland gave us a brief rundown of the big AWFS tool show in Las Vegas. John was the only guild member to attend.

Raffle:

Ken Sokol - two angle gauges.

Jerry Jennings - the Inca jig

Steve Erickson - Box clamps

John Johnson - angle grinder jig from Eagle Jigs

Rod Lomax - cabinet scrapers

Mark Heath - tool tote.

Kevin Thomas - Sand Devil sanding block

Show and Tell:

Frank Lane brought in an arrow made by a man who worked for Warner Bros Studio, 65 years ago. He had made several Bows and Arrows for many movies and was a friend of the Duke, John Wayne.

Steve Erickson made a band saw box from bubinga and has a General wipe-on poly finish.

Colin Webb brought in a car that his 5 year old grandson made, with his

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

2007

January 3rd
February 7th
March 7th
April 4th
May 2nd
June 6th
July 11th
August 1st
September 5th
October 3rd
November 7th
December 5th

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

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

help. This was his first project. His grandson helped design it and cut the wood and put the wheels on. The car is made from fir.

Anthony Harris brought in some small hollow forms made from Holly, Cherry, walnut, and sugar maple. They have a friction polish. Anthony also brought in a potato chip bowl made from walnut and has a Water-based urethane finish.

Fred Chael showed a reworked table leg made from maple. He also brought in the jig that he built to make it all possible.

Paul Twenter brought in a desk made from Red oak and walnut. The finish is a light oak and poly finish and the points of interest are the book-matched veneer top.

Someone brought in a drawer they made for a desk from burl walnut with banding added to it.