



Wood Words

Kansas City Woodworkers Guild www.kcwoodworkersguild.org

Volume 21 Issue 1

July 03

Guild Meetings: Roanoke
Presbyterian Church,
1617 W. 42nd St.,
KC Mo. 64111

July Raffle: Kris will have his usual great assortment

Please thank associate members; Paxton's, Strasser, Turn-About-Wood, Schutte Lumber and Woodcraft, for supporting our toy project.

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Director	Terry Stair 816 765-7296
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Video	Don Kruse 913 441-3484
Editor	Wayne Wainwright 816 453-1073

Next Meeting Wed. July 16th, 7 PM

Program: Everything you ever wanted to know about HVL

Sawdust:

The Presidents Corner

Erl Poulin

The big news this month is our upcoming bus trip to the Woodsmith shops in Des Moines, Iowa, scheduled for the 11th of October 2003. The response to this activity has been astounding. As of this writing, forty-seven members have signed up to attend, and thirty-three have paid at least the deposit for the trip. With the bus holding fifty-five passengers, and the trip still more than three months away, this strikes me as an excellent example of participation in the activities the Guild sponsors. We have invited the members of the Lee's Summit Woodworkers Guild to join us, so I'm sure we will have a full crowd. Because of this, we need to stress that your deposit of \$10.00 **must** be in our hands by the July meeting, and the full amount of \$30.00

must be paid by the August meeting. We have already paid the deposit for the bus rental, and the full amount for the charter is due by early September. Because of the popularity of this trip, in the case of over-booking, the first to pay their full amount will receive first consideration. This means "get your money to our Treasurer *soon!*" We will have more information about the trip at the meeting, such as where and at what time to meet that morning. This promises to be an enjoyable activity, one where we can share fellowship with other woodworkers, and perhaps obtain that special tool we just can't live without!

We are soliciting help from the Guild members to continue for the fall semester in our participation in the UMKC "ACED" (Adult Continuing Education for the Developmentally Disabled) project. As most of you know, this has become

a pet project of mine, ever since we sponsored a class in Birdhouses and Kites this past spring.

Dave Kraatz is preparing the lesson plans, which will probably include building a bird feeder for the winter birds, and painting and assembling some type of small wooden toy. See either Dave or myself at the meeting to volunteer; we will have a sign-up sheet

PLEASE PATRONIZE OUR SPONSORING MEMBERS

	Schutte Lumber 816 753-6262
	Paxton Woodcrafters 816 483-0659
	Woodcraft Supply 913 599-2800
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	Turn-About-Wood 816 587-3195
	PlansNow www.PlansNOW.com

available. I can guarantee you will not be sorry you participated-the students simply won't let that happen. We will certainly appreciate your help, and so will the students. This is an excellent means to gain public exposure for the Guild, and to fulfill a need for outreach into the community.

Another effort we have in the works is Jim Bany's Kaw Valley Habitat for Humanity house-building project in September. He hopes to repeat last year's accomplishment by constructing another four houses, this time on the western edge of downtown Kansas City, Kansas. The dates are September 6th, 13th and 27th, 2003. See Jim to offer your services. Wear some old clothes, and be prepared to be fully exhausted-and satisfied-after a long day (or more) of helping out with this worthy cause.

The Toy Project is moving into high gear, with five separate Toy Captains taking the helm of each of the various types of toys we are producing. I'll have more information as to how you can help at the meeting.

Each month, I am contacted by various individuals who have a need of our members' services. This month, two people have asked for our help. A fellow in Independence, Mr. Rudy Hogenboom, needs someone to assist with new windows for his house. And a Mrs. Norma Waddell would like to have a rocking horse constructed, similar to one that had been in her family for many years, but has been lost over time. She has an old family picture in which the rocking horse is prominently featured. If you are interested in assisting either of these people, see me at the meeting for the details.

Perhaps you haven't noticed, but the recurring theme to each of my newsletter articles, and indeed that of my tenure as president of the Kansas City Woodworkers Guild, has been that of "participation." I am constantly urging all of us to take part in at least some of the events and activities the Guild sponsors. This is how we can keep our organization viable and growing. I

firmly believe that, along with the rights associated with belonging to a particular group or organization, come responsibilities as well. We must all do our part to ensure the Guild is the best it can possibly be, that it serves the needs of the members, and promotes the ideals of fine woodworking. If you can provide a program of some skill or technique you possess, if you can help with the coffee, if you have an item for the *Show-and-Tell* portion of our meeting, if you can 'scrounge up donations' for our toy project, if you can run the video camera to tape the program, please don't hesitate to volunteer. The simple message is, "*We need your help, and want to put your abilities to good use.*" I want to thank you in advance for participating, and making the Guild that much more enjoyable for all of us.

The executive meeting this month will be held once again at Fred Chael's home, on Tuesday, the 15th of July 2003 at 7:30 pm. Any and all members are always welcome to attend. As I mention every month, we encourage the input of the entire membership, and are constantly looking for ways to improve our Guild.

Finally, our new Guild coffee mugs have arrived! We will have them on the back table at the meeting, along with a supply of hats and shirts for sale. Remember, hats are \$10.00, shirts are \$25.00, and mugs are \$5.00. All proceeds will go to benefit the KCWG general fund.

Special Member Benefit from:

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PRESS RELEASE

Your Guild will be sponsoring a "Wood Working Skills Fair" sometime this fall or spring. The Fair will be a one day event to showcase some of the different skills that your fellow members (and/or yourself) possess. The Fair will be open to all Members of the guild as well as members of the 4H, Boy Scouts, Girl Scouts and the Retired Community.

All Members of the Kansas City Woodworkers Guild are encouraged to participate in the Fair. We will be looking for people skilled in hand tools, power tools, safety, and finishing that will be willing to share those skills with the Fair Attendees.

We are also at this time looking for a location to hold the Fair as our current meeting place at the Church does not lend itself to power tool usage, so any suggestions for a good centralized location are more than welcome. More will be forthcoming. Inquiries can be directed to: **Wayne Suter 816-635-5792**

PRESS RELEASE

Shop Safety

Jim Ramsey

I was ripping thin stock on the Table saw, and reached behind the blade with my left hand to "save" the off cut from taking a dive to the floor. I contacted the back of the blade, and tore a large piece of it out, a little wider than the kerf.

lesson learned? an off cut is NOT worth reaching for while the blade is still running!

Advice to other Woodworkers

After I had a chance to heal a while, I built myself an outfeed table, as I knew instinct would force my stupid fingers back into the same

situation time and time again.

Now, I do not have need for reaching over the blade to "rescue" an off cut. It can sit there till I have a chance to turn the saw off, and then retrieve it.

I was cutting a new sacrificial fence for my dado blade when it grabbed the wood and pulled my left hand in with it. All of the tips of my fingers from the pinky to the middle finger were cut and my middle finger broken with the nail removed.

Advice to other Woodworkers

No matter how hard you practice safety, mistakes will still happen but continue to refresh yourself with all of the safety rules. Don't let these mistakes discourage us from the things we enjoy.

Untrained and unsupervised, I was working on a home made table saw making a toy rubber band gun. I had two cuts to make, one with the grain and one across. Made the first cut just fine, the second cut kicked back and flipped the board upward. Forcing it back down to the table took my right hand into the blade...I cut off all five fingers. I was 8. Thanks to some really great Doc's and a lot of prayer all five were re-attached. Ignoring minor loss of feeling and one joint on my little finger, they work just fine.

Advice to other Woodworkers

Never use a tool you haven't been trained on and lock up your tools when you're done so your kids can't get at them.

My brother had given me an older 6" x 48" belt sander that needed repair. As I was trying to free up the sanding belt by pulling on the drive V-belt the sanding belt freed and being it was turned on and running it pulled my hand around the pulley between the V-belt pinching all four of my fingers, cut and bruised but now a lot smarter.

Advice to other Woodworkers

This happened extremely fast, I should have known better, never - I mean never - work on any tools or equipment without first unplugging it.

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Program:

David Roth

Our Program was presented by Alex Garcia from Paxton Woodcrafters Store.

The program was on the Miller doweling system. Alex Garcia gave a demonstration on using these dowels on butt joints.

This is a step dowel and replaces screws and plugs. The plug will move with the change in humidity.

They also work well when using MDF and Particle board. This dowel systems work well for basic case construction and it works well for repairs in basic case construction.

When using this system you can't hide the joints. When you use a traditional Doweling Jig you have to have everything lined up for it to work for you.

The dowels come in different types of woods. Birch, Walnut, Cherry, and Red Oak.

Alex would like to see the company make some Ipe dowels to use for decks made from that material.

Alex is also talking to them about making other dowels out of Purple Heart, Mahogany, and Ipe.

**A message from Joe McLain****A follow-up from last months meeting.**

A couple of questions were asked in the meeting I wanted to respond to:

1) Why does a person see the Titebond adhesive rise from the joint up to 2 weeks after the pieces are glued up?

Answer: Titebond liquid adhesives are water based. The water in the adhesive swells the joints. The wood, depending on which species you are using, takes time to lose that moisture. The more squeeze out you have on the joint, the more water has been absorbed into the edge of the joint and the more swelling occurs.

Since the dried glue line does not shrink once it is set, the wood shrinks and what is left is the glue popped out of the joint. Sooo, try not to overload the glue joint. 100% coverage is recommended but sometimes by adding too much at the joint, you are taking 10 aspirin for a headache instead of 2-3.

2) Surface prep when using the HiPurformer?

Actually we have seen great results without a lot of prep but it is always recommended to have a clean, fresh, dry surface to bond to. I even have a customer bonding metal to finished oak with great results!

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

A generous contribution to our Guild.

Wayne Manahan, the 2003 President of the Charlotte Woodworkers Association, has contributed this article for reprinting. I think you will be as impressed as I was after reading it.

Flattening Waterstones for Optimum Sharpening Performance

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Sharpening edge tools such chisels, plane irons, and scrapers for optimum performance depends upon a number of factors. One of the most important, if the woodworker is looking for a straight edge that cuts cleanly and can be relied upon to produce flat surfaces, is the flatness of the sharpening surface. In the case of waterstones, this is the surface of the stone. This article will cover one possible process for flattening waterstones. While there are a number of possible ways to flatten these stones, most will be fundamentally similar to the method described here.

What seems like too many years ago, Norton began making a line of waterstones for sharpening. They were reviewed in one of the standard woodworking magazines, and the reviewer liked them so much that I decided to get a set. That's when I should have first flattened my waterstones. When they were new.

Well I did start thinking about flattening them then, but other things just seemed to come first. It's a shame, because you can flatten these stones with a piece of sandpaper taped to the top of a flat surface: your table saw, your jointer, your... well you get the idea. Instead my eye was on a ceramic flattening stone available from The Japan Woodworker (among many other places, I'm sure). The net of it is that today, when I did flatten the stones for the first time, I found that they were indeed not flat, and had never been flat. I guess they're just like any new tool, you need to tune them up to get the best they have to offer.

When I first flattened my waterstones, it was easy to see that some of the surface irregularity was due to the manufacturing process and not due to use. The fact that one side of one stone had a hump that covered the entire center area of the stone proves this. I sharpen mostly in the middle area of the stone, and that would tend to create a valley there, not a mountain. So the lesson here is simple, flatten your waterstones as soon

you buy them, or as soon as you can if you already own them.

Flattening is easy in principle, and although it can be time-consuming, is easy in practice. You rub the stone on a flat, abrasive surface that will cut it away until it is as flat as the surface you rub it against.

I used a DuoSharp diamond sharpening "stone" from DMT as the abrasive reference surface. This wasn't an original idea, I saw a demonstrator who was sharpening blades at the Woodworking Show in Charlotte using one to keep his waterstones flat. He'd been using the fine (600 mesh) diamond surface on his to ensure that his stones were flat prior to each use. His advice was that you should keep your stones flat at all times, and in so doing, always be assured that your sharpening job was the best it could be, at least with regard to this variable.

I knew my stones were out of flat, so I knew I wanted a coarse surface for the initial flattening. The gentleman who'd demonstrated the process had recommended a fine diamond stone for day-to-day use. DuoSharp stones have a different size diamond coating on each side of the stone, so I chose a Fine/Coarse stone, DMT part number W250FCNB. If I could have gotten a Fine/Extra Coarse stone, I'd have gotten that, but it isn't listed as being available.

DuoSharp Stones have the diamond surface electro-plated to a steel base that is injection-molded onto a glass reinforced polycarbonate resin base, and they're flat. DMT says that they are "precision flat", but I couldn't determine the actual tolerances after searching the web for about 10 minutes. They are much flatter than my waterstones were, without a doubt.

The DMT stones are to be used with water as a lubricant, never petroleum products, and they will abrade ceramics, carbide, glass, and stone, so they're ideal for cutting a new surface on waterstones.

I flattened all of my stones outside, near an outside faucet, so that I'd have water for lubrication, for rinsing both diamond stone and waterstones, but mostly just to get the mess out of the house.

As I said, it's a simple process:

Find a stable place for the DuoSharp stone that's comfortable for you. If this is the initial grinding, or if you've neglected this job for a while, start with the course side up.

Soak the waterstone and wet the diamond stone.

Place the waterstone on the diamond stone and without

much, if any, extra downward pressure rub the waterstone back and forth, side to side, any pattern that allows all portions of the water stone's surface to be cut evenly (spinning the waterstone wouldn't work, as some parts of the waterstone would move much farther than others, resulting in an unevenly cut surface).

After a few moments of this, remove the waterstone and rinse it off. You'll see the pattern of high spots that are being removed.

Continue rubbing, occasionally stopping to check your progress and rinsing both waterstone and diamond stone. When you achieve a flat surface, you're done.

Note:

You don't need a diamond stone to flatten your waterstones. You can do it with sandpaper on glass, sandpaper on an old newspaper on you kitchen counter (if you live alone) or the side of a cement block. You could probably cut a piece of MDF and use it for a base for your abrasive paper, just be sure not to get it wet.

The quality and flatness of the surface you produce will be directly related to the abrasive reference surface, and how well you keep it clean of the material that you grind away.

The advantages of the diamond stone are that it cuts more quickly than most abrasives, it's essentially dead flat, and it comes in a handy size that can also be used for other sharpening tasks. It will definitely replace my 220 grit waterstone for coarse sharpening work.

The following photographs show some details of flattening waterstones.



Figure 1 - Showing hollow in stone being flattened, other features.

The area circled on the middle stone in Figure 1 is the hollow that is being ground away. Typically, hollowing on a stone is due to uneven sharpening. I believe

that this hollow is "as received" from Norton, since I only rarely have used this 4000 grit stone. In any case, the stone must be ground until the hollow completely disappears as in Figure 2 below.

Note the rust stain on this middle stone. The stone is already flat in the area of the rust stain, so why do we see it? I don't know for sure, but I'd guess that since these stones are porous (remember how much water they seem to absorb) that some of the water laden with steel dust has penetrated the surface of the stone, the steel has oxidized, and left this rust stain. Could you grind past it? Who knows? It's a waste of both your energy and your waterstone to try though, so once the stone is flat, stop grinding it away!!!

The stone on the right in Figure 1 is the one that I'm sure was not flat from the manufacturer. This is the stone that had such a pronounced hump that I chose not to remove it completely at this first flattening. Instead, I'll use the stone, flatten it, and so on, and one day this hump will be ground away. Before it's flat from corner to corner, it can sharpen a lot of blades.



Figure 2 - 4000 Grit Waterstone is Flat

Figure 2 shows the waterstone in the center after it's flat. Note that it is still stained, but that the central area that had to be ground away is now gone.

On the diamond stone to the left in Figure 2 you can see the slurry left from flattening the 4000 grit stone. Normally this and the stone being flattened will have to be rinsed several times during the flattening process to keep the diamond stone cutting as quickly as possible. When this material builds up, it has the effect of lifting the waterstone up away from the diamond surface.

DuoSharp monocrystalline diamond stones are available from the Woodworking Shop as well as other vendors.

Show & Tell Pictures



Max Brown's 1960 Stool



Jim Pych's lazy susan made of Blood wood, Red Oak and Alder.



Jerry Holloway's ladder that can extend to 16 feet and can contract to approx. 3 and a half feet.



Frank Layne's Stickley Style Desk made from Alder.



Franks interesting insets.





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

Minutes

Guests & New Members: John Campbell Alex Garcia
Curtis Cayton Arlo Twiory Susan Nelfrich
Mike Boatwright Debbie Bell

News:

- Jim Baney Is working on new homes for habitat on the Thursdays, Friday, and Saturday in September on the following weekends; September 6th , 13th, and 27th

Tool Talk:

Jim Mc Cord tried the Tru-Oil Finish and it was hard to get the finish into corners, and hard to buff out with 0000 Steel wool. Also yellows the wood.

Raffle:

Russell Clausing won the Blacken Decker 3 in one tool. Terry Stair on the Shop light. Chuck Marchand won the 120 piece drill and bit set. David Roth won a Tool Belt. Cris Kunzle won Miller doweling Jig. Bill Webb Tape Measure. Evan Doyle won a Screw driver set. Seth Rexroad won a Screw driver set. Jim Doyle won the Air Hose. Alex Garcia won a hammer. David Bennett Tape Measure. Clinton Raynes won a Hammer

Name tag raffle:

Bob Wilson won the glue. Tim Helfrich also won Glue. John Van Goethem 6 piece screw driver. Kevin McAndrew won the 6 Piece screw driver set. Curtis Cayton won the adaptor. Howard Johnson won a set of gloves

For Sale:

Weaver Shaper:

- 5hp, 1 phase - 3/4" spindle
- Includes cutters for the raised panels, rails & stiles
- Patterns for raised panels and factory jigs & fixtures. Mounted on casters.

Delta contractors saw

- Tilting table, completely restored w/ stand & motor
- Mounted on casters.

Contact: Dale Nitewine: 913 299-2371

Calendar

Executive Meetings, 7:30 pm At Fred Chael's home, 4821 State Line Road, KCMO.

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

Executive Meetings **2003** Guild Meetings

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

January 17th
February 20th
March 20th
April 17th
May 22nd
June 19th
July 17th
August 21st
September 18th
October 16th
November 20th
December 18th

Fred has agreed to lend his home for the monthly board meetings. All members are welcome at any board meeting. A call to Erl Poulin or Jim Bany is all that is necessary.

Show and Tell:

Ray Graham Brought in a fire extinguisher. It can be filled with water and air instead of the standard chemicals that is used today.

Jim Pych brought in a lazy susan made of Blood wood, Red Oak and Alder.

Max Brown Brought in a 1960 Stool and is trying to get a nut out of the stool. Five to Six wood workers came to try and help with his solution.

Frank Layne brought in a Stickley Style Desk made from Alder. Frank made some interesting insets to complement it.

Cliff Bell used Cedar, Redwood and Pine for his carriers from 24" X 78" pieces. Points of interest - joints were made using tongue & groove joinery

Jerry Holloway brought in a ladder that can extend to 16 feet and can contract to approx. 3 and a half feet to fit behind a car seat or pick up truck. This ladder can be useful for quick access to reach high places inside or outside of the home.

