

OREGON WOOD WORKS



Tool of the Month

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WHAT WILL I DO?

BOB OSWALD, PRESIDENT

First I have to say thanks to Lee Johnson for two and a half years of great service as President of the Guild. He has given many hours of his time and talent to help many Guild members

So now... what do I say. Thoughts abound as I strap on the *mantle of responsibility*. Of predecessors, Lee Johnson, John DuBay, George DuBois. Have I been in the Guild long enough for three presidents? Yes, five years. I've been writing articles for the newsletter since 2003.

And now from friends, congratulations and even better, thanks, thanks for taking on this job. I guess as president, you should have plans, aspirations. My plan at the moment is to survive. The office is a figurehead for the organization. People say "you're perfect for the job". Why is that? Is it because I have poured my heart into the newsletter? It's certainly true that the task there has grown from "don't let it fail" to something I enjoy doing. But leadership of this organiza-

tion, it can't go the same way. I can't take on every role like I did with the newsletter. The Guild is YOU, folks. If we move forward, it's because a lot of us are going to work together to make it be what we want it to be. And failure, well, I'd like to say that's not an option.

For this Guild to grow, to prosper, to bring each of you education, entertainment, joy, you have to help do it. My own hot buttons are education and participation, making sawdust. You don't learn by reading books, you learn by taking what you just read and going to the shop to try it out.

And if you do this in isolation, you deprive your fellow woodworkers of what you have learned and even more, you deprive yourself of the joy of seeing someone else's eyes light up.

I'm hoping to see more seminars. To help that I'll probably do a couple. I'd like to see more projects, community things that involve members, build camaraderie, educate.

OUR NEXT MEETING—AUGUST 20, 2008 7:00 PM

The July meeting will be at Franklin High School. 5405 SE Woodward St., Portland

The next meeting will be based upon the talents of two electric guitar makers, Jack Tucker (tuckerguitars.com) and Steve Zabriskie. Jack uses Albizzia, a Hawaiian wood, rather than the more popular and endangered Honduran Mahogany, in attempt at conservation and he found it to be so nice that he has a US Patent for his use and design of his guitars. Steve uses super custom and figured woods in his guitars that he makes for local musicians as well as some top names. He also works with some school kids with their guitars. Between the two gentlemen, it will be a great meeting.

To Get There:

Take SE Powell to 52nd, turn North to SE Woodward, then right on Woodward; the shop is on the corner on the left.

Social time starts at 6:30.

Board meeting at 5:30

GUILD SEMINARS: FALL 2008

BOB O'CONNOR (503-774-5123)

Classes are limited in size, so register early. You're not in until Bob has your check.

Veneering with Doug Chamblin

Date September 27 & 28, 2008
 Time: 9:00-4:00
 Place: Doug's Shop in NE Portland
 Cost: \$125 for members (includes \$40 material fee)
 \$160 for non-members
 Class Limit: 10

Free yourself from the constraints of solid wood. Discover the range of applications for veneer and choose from the many incredibly beautiful veneers available. This class starts out with simple veneer panels and works its way up to a sunburst tabletop design. Veneer layout and jointing, edge-banding and shop-made veneer sawing will all be explored. All woodworking levels are accommodated. The class will discuss vacuum veneer pressing systems including inexpensive systems you can make yourself.

You will go home with a veneered panel that you can incorporate into one of your projects, such as a small side table.

Doug Chamblin is a former engineer who now builds furniture and cabinetry in Portland. He studied woodworking at the College of the Redwoods and has taught at *Arrowmont School of Craft* and *Oregon College of Art & Craft*. His work has shown in galleries and exhibitions around the country.

Shaker Boxes with Kerry Walker

Date: October 18, 2008
 Time: 10:00-4:00
 Place: Franklin HS, SW Portland
 Cost: \$80 for members (includes \$35 material fee and lunch) \$90 for non-members
 Class Limit: 10

Learn how to make traditional Shaker boxes. We will build a set of three boxes, sized from #1 to #3. We will begin by discussing some of the original methods used by the Shakers before moving to a more modern approach.

We will prepare the bands, cut the fingers, soak the bands, bend the bands and tack them. Then put them in the shapers, create and fit tops and bottoms, and finally discuss an appropriate finish. By the end of the class you should have a set of three boxes to take home.

Invisible Repairs with Lee Johnson

Date: November 15, 2008
 Time: 9:00-4:00
 Place: Lee's Shop in NE Portland

Cost: \$40 for members \$50 for non-members
 Class Limit: 12

We all make mistakes in woodworking, professional and amateur alike. So what to do? When is the error patchable and when do you throw the piece away? And if you don't start over, how do you go about the patch?

Lee Johnson claims to have made nearly every kind of mistake, freely admitting it because he's had to learn how to fix them. This workshop does not claim to show you techniques for every kind of mistake. But it will give you solutions for the most frequent ones. We'll deal with how to choose the method, and then how to actually do it.

You should come away with several of the more common skills to take care of your own unusual 'opportunity'.

Make Check to Guild Of Oregon Woodworkers and mail to
 Bob O'Connor, 7632 SE 28th Ave, Portland, OR 97202

Basics of Fine Woodworking—Help Wanted

Become a moderator and pick up a few woodworking tips yourself. The Guild needs another coordinator for these Basics classes. Feedback from the students consistently indicates that it's nice to have Gig as the 'moderator' for each class, someone to tie together the thoughts from different classes.

The classes are becoming so successful that we're booked six months out. Gig can't handle them all now. This is your chance to pick up a bunch of pointers and help the new students. If you can attend the classes as a moderator, please call Gig and discuss details with him.

Some woodworking experience is preferred to make the moderator task more meaningful. You remember what you've learned in prior classes and help (without bugging the instructor of that session) to recall some common thread of a lesson. And your presence as a 'seasoned' Guild member increases the comfort zone for new folks, typically new to woodworking and new to the Guild

If you fit this role, call Gig Lewis at 503-646.7056

FALL SHOW SCHEDULE

BOB OSWALD

Art in the Pearl

September 30-31. Lee Johnson is coordinating this show.

Expo Tool Show

Needs a coordinator. October 17-19

SHOW COMMITTEE CHANGES

BOB OSWALD

The task of organizing of shows has been the function of the Shows Committee. Over the last year, changes in interest and involvement have caused the board to reorganize the process.

The task of conducting art and trade shows is not particularly difficult, but it is not trivial. The Shows Committee will take on a new form. Following is a description of how the process will work for the foreseeable future.

IF YOU HAVE ANY INTEREST in shows, in any capacity, whether to help conduct them or to sell or show products, it is in your best interests to read this article carefully.

I'll start with the bottom line. If we don't have a person willing to coordinate a particular show, the Guild will not participate in that show. That in itself is not as earth shaking as the fact that if you pull out of shows, it may be difficult to get back in.

Here's how the process will work.

Advisory Panel

The Chairman of the shows committee will be replaced by an advisory panel. This presently consists of Lee Johnson, Bill Bolstad, Larry Butrick and Bob Oswald. These people collectively have a large amount of experience and knowledge conducting a trade show. They will be available to help guide an coordinator. They may or may not be available to help with actual tasks. Contact information is available on the website, either in the Board of Directors or the Membership Roster.

Coordinator

Each show in which the Guild participates must have a coordinator. This is a Guild member who volunteers to take on the details of implementing a show. The coordinator for that show will 'make it happen'. This is a one-time, not an ongoing commitment.

To make this less daunting than it may sound, see Advisory Panel. There is a Guild manual available (currently being constructed) that explains the details of each show.

Tasks will include arranging participation with the appropriate show authority, scheduling, coordinating exhibitors. If fees are required (many shows are free to the Guild) it will require notifying the President of the cost and obtaining approval to expend the funds. The coordinator will arrange for pickup, delivery and return of any Guild property used at the show (ie Workbench, etc).

The organizer may use volunteers to help conduct the show. The Guild will advertise for volunteers through the newsletter and email as requested by the coordinator. ***If a commitment to a show is made in the name of the Guild, all best effort must be made to complete the show, to uphold the good name of the Guild.***

If no one is willing to coordinate a show, that Guild will not participate in that show. This could result in lost opportunity to participate in that show in the future.

If you derive value from the shows, we ask for your help in conducting them. There is a great deal of satisfaction as an organizer to see the results of your work take shape, influence the direction of the Guild and be a service to members, a chance to give back for what the Guild does for you.

Volunteers

Anyone who wishes can help run a show. Volunteers typically help with any one or several of the following: load-in, load-out, booth presence to tell the public about the Guild, do demonstrations of simple woodworking tasks of interest to the public. You will take direction from the Coordinator.

Typical Guild Shows

The Guild has participated in a number of shows of different types. Attendance at shows basically serves one or more of three purposes:

Sale of member products

Example: Potters Guild, Spring

Obtain new members

Example: Tool Show, Expo Center, Fall. Oregon State Fair, Fall

Promote woodworking

Example: Art in the Pearl, Fall. Salem Art Fair, Summer

Not all shows allow sale of products. Many shows are free to the Guild. Where a booth fee is required, the Guild will not be held liable for the entire show fee. Sufficient commitment and advance payment from exhibitors must be made prior to committing to do the show such that the Guild will have the funds to pay appropriate fees.

Conclusion

The bottom line is that if the Guild can not produce a coordinator for a particular show, that show will not occur. So if Guild involvement in shows is important to YOU, then we need YOUR help to make them happen.

Contact any of the people on the Advisory Panel with questions or comments.

DANGER ZONE

BOB OSWALD

Thinking I'm pretty careful with power tools, and aware of the right things to do, I was witness to a caution from an instructor to a student. *"Don't reach across the saw."* Well, I do, but I'm very aware of the blade and very careful. So I asked, why the concern? What should I know that I thought I did but maybe don't.

The answer was scary, very scary. If the board, for any reason, gets caught on the back side of the blade, there's an extremely high probability that you'll get it in the belly. But that's not the scary part. There is also a too strong likelihood that if your hands are in the wrong place (the Danger Zone), the wrong time, that as the blade grabs the board, reacts, does what ever it's going to do, it may snap your hand, carefully holding this board, into the blade.

The conversation went farther. A similar discussion about the jointer ensued. Another very experienced woodworker was pushing something through the jointer. However he was holding the wood, what ever he was doing, the combination of factors had it such that he was holding the board on the out feed side, too close to the cutters. This is an area I

thought was safe, you've passed the cutters, what can go wrong now? The jointer grabbed the board and pulled it back through the cutter, along with two of his fingers. Problem—he was on the out feed table TOO CLOSE to the cutter. No time to react.

There is a danger zone on every tool, about a foot, give or take, past the cutter. This advisor never holds things on the out feed table closer than a foot or so from the blade.

And I thought I was being so careful. What I'm beginning to realize is that there is a Danger Zone on every tool. It's on the out feed side, the side where you think you're safe because you're past the cutter. Reality is that the cutter is always trying to pull the work back into the cutter. It's the router "climb cut" phenomenon if you want to look at it that way.

So I've learned to stay out of the Danger Zone. And a big problem is that it's not well defined. It depends on many factors. One solution that seems pretty safe is push sticks. Use them religiously. At least you've got a half a foot or more of wood between you and destiny.

CALL TO ARTISTS

THE GUILD BOARD

The second Mend donation project, "The Altered Toy Project". Mend is a non-profit educational arts organization, located in Boise, Idaho. As an organization, we are interested in exploring the potential of hand made objects. Through this project, we hope to expand awareness of the importance of craft, improve quality of life for those in need and provide an organized opportunity to give back. Keeping with current trends towards green projects, we are inviting you to reuse existing toys, in the creation of new toys. All contributing artist/craftspeople will be part of Mend's donation to the Children's Home at the Warm Springs Counseling Center in Boise, Idaho. We welcome all artists and crafts people to join this project. Your toy will be a part of two group fundraiser shows and possibly included in a surprise publication. Submission deadline is September 19th, 2008. To participate or get more information please visit our website, www.themendproject.com.

We are looking for craft artists throughout the world to participate in this project and thought we would extend the invitation to you.

Contact Rachel Reichert, Co-founder of Mend through their website: www.themendproject.com

WELCOME NEW MEMBERS

Welcome to the Guild the following new members.

Tony Ladogana, Paul Snowden, Dave Miles and Ray Bonnes

We're happy to have you join us. Please don't wait for someone to come introduce themselves to you. Many people are new to the Guild and the typical meeting attendee doesn't really know who's new.

Please say hello to me at the next meeting and let me know you're new. I don't know who you are, so if you wait for me to find you, it could be a long wait. I and the whole board cares that you become a happy member of the group. Help us make it happen please.

OUR LAST MEETING: LEE JOHNSON

BOB OSWALD

We were scheduled for a presentation by the Rebuilding Center. Unfortunately a family medical emergency precluded her being able to come. We learned this the morning of meeting day. Panic set in. Lee Johnson rose to the occasion.

He did a show and tell of two projects. One was a review of some very high quality photos of pieces of his work that had been repaired. The goal was to find the repair. Impossible. (*See Seminars in this issue*)



LEE JOHNSON

He discussed a cabriole leg reproduction. It's totally amazing that this leg could be carved to the detail it was in four hours. The interesting part was the finish. Trying to replicate the original finish with various stains, roofing tar and top coats, it came out looking "old" But the end

result turned out to not look enough like the original, so the finish had to be removed. We were all called upon to figure out how to get the finish off, without making a new leg (*Ed: Lee, did anyone have an idea?*)

Lee then spent a wonderful half hour with a hand plane and a very attentive audience. How to tune a plane. Flattening the sole, where the critical parts are, the function of each. And how to get it cutting evenly. I had come to the meeting with that specific question. I use two fingers and adjust for feel. I know it's not right, and wind up adjusting it as I cut. Well, duh, that's how you DO adjust it. Clamp a 1/4" wide piece of stock in the vise. Make a pass on the right side of the plane. Make a second pass on the left side. Observe the shavings and adjust the cut until they are even.

Thank you Lee, for not only saving the meeting, but for such a great education.

THE MARVELOUS TOY

ART MADDOX, SPRINGFIELD OR

S thought I would pass this along to your membership...a worthy example of artistry in wood from "down the pike" in Eugene.

The attached photos (taken June 8th) are of an amazing machine designed & built by my friend Del, who will be 71 on Friday. He has made other beautiful & interesting all-wooden machines, but he calls this his "crowning achievement"...and rightly so! It is made only of wood (with a little glue here & there) and is hand-cranked.

Del isn't online, but if you have any comments or questions I'll be glad to pass them on to him. I also posted a video on YouTube.

<http://www.youtube.com/watch?v=u7ziwuIpnVY>

The video quality isn't very good, but you will see Del operating the machine and talking about its materials & construction.

Please leave a comment on youtube and give it a rating!

Editors Note:

This reminded me instantly of a favorite little song that roams through my head during enchanted times. It's call the Marvelous Toy.

"It went zip when it moved, and bop when it stopped and whirr when it stood still. I never knew just what it was, and I guess I never will."

If you've never heard this song, you must. If you have, here it is to re-charge your smile.

<http://www.youtube.com/watch?v=vvmxTm6hkg&feature=related>



SIMPLE OUTFEED TABLE

BOB OSWALD

Rob, one of my role models in woodworking, observing a student reach across the table saw blade said "I hate it when you do that." Well, I was fortunate enough to be nearby and overhear the comment. I quietly thought to myself, hmmm, if he won't do it, I shouldn't either. But I have, always intensely aware of where the blade is. But the thought stuck with me and my own reason for doing this was lack of an out feed table. I use rollers and they're fine for long things. But short stuff, well you know you don't want it to fall on the floor. So I built an out feed table. Scrap material and with a little thought, so simple.

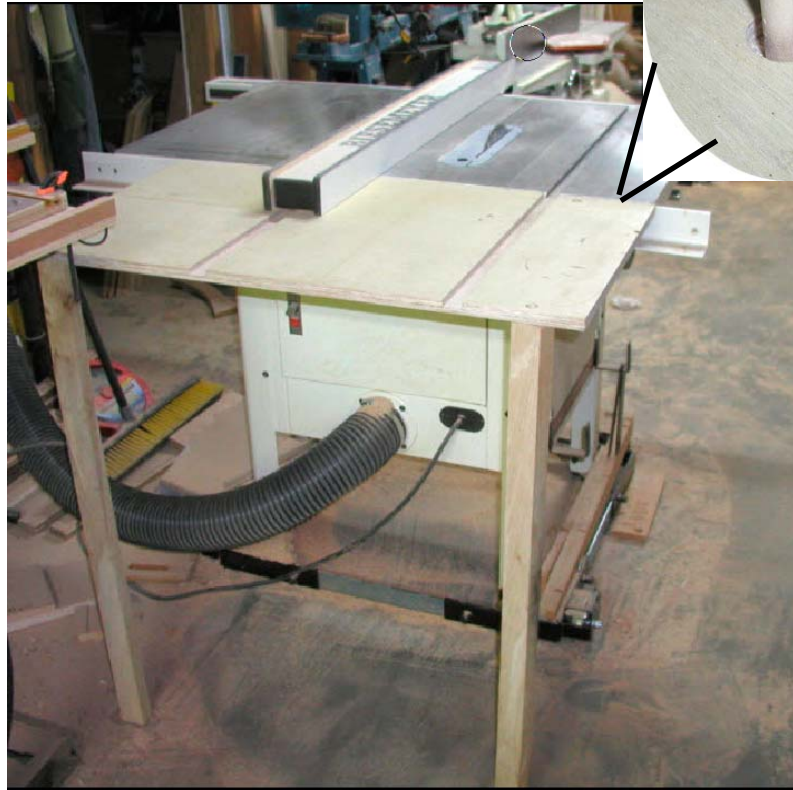
Depending on your back fence rail and rip fence system this may work for you. The Biesmeyer rail is an angle iron, so all it took was a scrap of 2" something, planed down until it was a plywood thickness lower than the table. I actually made it a thirty-second lower so there would not be a little lip for wood to catch as it comes off the main table.

A Forstner bit made a counter-bore pocket for the axle pegs that were used to hold the table to the saw block and to the legs.

It helps to run a little chamfer across the leading edge also, to help guide anything off the saw table that might want to catch the edge.

The back legs, a couple pieces of 2x2 oak, cut to length and drilled for the axle pegs. Why axle pegs? I had 300 on hand from a previous toy adventure. They are stout, there's

virtually no force on them and it makes it very easy to remove the table if the space by the drill press is needed. Right now it works



perfectly. The very next project required cutting up three sheets of plywood. The first cut was done on the garage floor egg-crate to break each sheet into a manageable size

for the shop. The rest of the cuts were done on the table, and this out feed table was ready for it, as compact as it is.

I DO NOT REACH OVER THE BLADE ANY MORE !!

MUSEUM: GUILD ON DISPLAY

LEE JOHNSON

The Guild has an exhibit at the Museum of Contemporary Craft, thanks to the efforts of Lee Johnson. It will be there until August 25th. The exhibit is closed July 24 and reopens Aug 3. The Museum is at NW 8th and Davis. You should stop by during the open time, learn about the Museum, visit with Lee while he's doing carving and see our display.

Lee comments *"Since I've been there to watch and listen, visitors look at the ceramics exhibit generally quietly, but talk about the wood; I've concluded that they do so because the wood (furnishings) are something they can understand and are consequently comfortable to comment on."*



POSITIONS AVAILABLE

GUILD BOARD OF DIRECTORS

Remember what I said on Page 1? It takes people to run the Guild. The following opportunities exist. Give me a call, Bob Oswald 503-985-7137 if you're able to help.

Vice President

This position was recently vacated as you all know. We need to fill it. If you have aspirations of helping on the Guild Board of Directors, this is a perfect place to start. Duties are light, helping the President if the need arises. It's a great position from which to learn. The Vice President ultimately assumes the role of President, but what better opportunity than two years of internship.

Meetings Committee

Brian Warrington, chair of this committee doesn't really need another member. What he would like is for those of you who have a contact, a friend, a talented woodworker, that you would get that friend to do a presentation at one of our meetings. A stellar example, Bruce Benson brought us Terry Bostwick, a friend who he contacted and who agreed to give us that great meeting a few months back.

Contact Brian at 503-366-7925

Sponsor Chair

Steve Philips last month announced his retirement from this position. My thanks to him for the efforts he

has put in. He's been responsible for quite a bit of additional operating capital.

I'm looking for someone who likes to talk to people, specifically our current as well as potential sponsors. Someone with a pleasant personality who can call on companies, get to know them and represent the Guild in their opportunity to "advertise" with us.

Many companies are willing to sponsor the Guild as it gives them more visibility (advertising) in an organization directly targeted as their customers.

I'm wanting to develop this position slightly (I have some thoughts), to offer more to the Sponsors for their support. You can help do that.

Expo Tool Show Coordinator

As mentioned elsewhere in this newsletter, we currently have no one to organize the Fall Tool Show. The Guild has had a presence there for many years. They want us back. It's not that much work, but "someone's gotta do it". We move in our workbench and screens, do a few simple demos, hand out brochures and talk about the Guild, and sign up members. A couple of our best woodworkers and showmen say that there's nothing more eye catching to a crowd than a woodworker peeling soft curls off an aromatic cedar plank with a plane. The ladies love to take samples home for the closet.

A LITTLE SLAM DUNK

BOB OSWALD

A recent *Wood Magazine* had a cute little "Remotes Corral" which I passed by on first reading. A glance around the living room showed remotes lying around, what seemed like everywhere. Suddenly the project made sense.

On closer examination of the project it was designed very cleverly so that there was no critical joinery, no close tolerance anything. Notice the bottom shelf for example, it protrudes beyond the front, so it can be any width. Wonderful design.

It was 'trivial' to make, and yet elegant in its final presentation. A trip to the shop had it ready to glue up in just over an hour. The scrap barrel produced some delightful pieces of Black Walnut. Perhaps a couple of board feet, careful selection and even a glue-up of scraps provided

plenty of material.

And the reason for this enjoyment was that so many recent projects have been much more complex, too complex sometimes. They take days or weeks to complete, are replete with problems, and you just get tired of them. It felt so nice to simply build something useful and have it work out. Relax and try something simple.



MY SPACE...

BOB OSWALD

It's been a very busy month for me. After all, I'm retired and have all this free time.

With this new role in the Guild, part time work at a favorite woodworking store, custom projects overflowing my workbench and most of all, helping Rob build a half dozen quarter-scale turn of the century wagons at OCAC, it's been a rewarding summer. We're not quite far enough into the wagon project for it to generate articles, but it will.

Oh, remember the big stagecoach adventure of last year? We built a full size coach and for THREE DAYS hauled it by mule team thorough Washington? Well that event is happening again. The Tumwater Historical Association is running another three day stage run, in reverse and following a different route. September 19, 20, 21. What a kick to see what wood and iron and re-enacting history can do.

And I want to drive the big blue motorcycle to Montana to visit a former guild member. That one probably won't happen, just not enough time.

So this dialog is filling up space that could be one more page of fun woodworking things. You can help fill it up too. Send me things. What in the world are you all doing in the workshop? You must be making sawdust, even a little bit?. So share a project with us.

I get so annoyed (putting it kindly) when Guild members say "I can't write.". You can talk can't you? If we're at a meeting and I ask you what you're working on, I know I'll be bombarded with more than enough detail of everything you're working on. So write it down. I've said this for four years and I'll say it again, you don't have to be a poet. Give me the thoughts. Give me some words. Give me a decent photo and I'll make the article look good.

The rest of this space is intentionally left blank.

Bob

Have a Great Summer!

Watch for the Guild Picnic next month, in lieu of the September meeting. Please plan to come. Make it the best ever.

SHOP TOURS: GIG LEWIS

BILL WOOD

Today is June 11, 2008, I am in Beaverton at the home of Gig Lewis, the chairman of the Education Committee, and New Member and Visitor Orientation. Gig lives in a modest ranch style home with terrific landscaping. Mr. Lewis has lived in the Beaverton area for over 30 years. Gig was born in Norfolk VA during the Second World War. Being the son of a career military man, Gig's family moved often during his childhood. When Gig was old enough he joined the Marines and served in Viet Nam in the infantry. We have something in common; we both have served our country in Viet Nam. I was stationed in DaNang 65' and Gig arrived in DaNang in 1968 before heading into action.



After four years in the Marines, Gig came home and went to college while working as a carpenter. After college, he started his own construction company and real estate brokerage. For thirty years he built approximately 30 homes, and remodeled somewhere between 100 and 150 homes. During this time he also worked as a real estate broker.



Gig's hobbies include gardening, cooking, reading and white water rafting, al-

though it has been sometime since he rafted. Of course the best and most expensive hobby is the woodworking in which he started about 8 years ago.

Mr. Lewis was working with 2 x 4's, 6's, 8's, and 10's for many years as a contractor and now he is playing with 3, 4, 6, and 8 quarter. I find Gig to be very exacting and careful in his projects. He is trying to find a niche in woodworking where he can enjoy and concentrate his energies, maybe, woodturning, cabinet making or furniture making.

One current project involves making a cabinet for his "mud room" to store shoes and boots. During the project he decided try something new, using pocket hole screws to attach the face frame to the cabinet. After reading the instructions he was able to attach the face frame using pocket hole screws. He expresses frustration at not knowing how to ac-

complish what needs to be done and he is always looking for ways to be more accurate in his cutting. He has no fear of cutting an expensive piece of lumber; his fear is in the cutting accuracy.

The tool collection started with a Shoptsmith. Since then he has replaced and added several tools, many Delta Brand. Table saw, grinders, scroll saw, Dewalt model 735, 13" planer, Oneida Cyclone dust collector, air cleaner, Band saw, miter saw, lathe, mortiser and Drill press. He also has built a solar wood dryer in his back yard. All of the wood is stickered and laid flat to prevent warping. His tools are on wheels so they can be moved around as the need arises. Gig's shop is in his two-car garage. One item of note is the way his shop is set up. He wanted to have power and dust collection out of



the way so he framed a wooded floor about 12 inches above the concrete. In this way his power and dust collection pipes are under the floor and out of the way. The wood floor is more comfortable to stand on for extended periods of time than concrete. The only negative is his headroom isn't as high.

Gig has also paid attention to the lighting in his shop. He uses T-8 florescent bulbs, which are full spectrum. The claim is that full spectrum lighting is easier on the eyes and allows one to see more accurately. To heat the shop an electric wall heater is used. Having a good dust collector keeps the dust down but a collector can only collect so much. Gig is also an excellent housekeeper. Thanks Gig for an informative 75 minutes of your time.



The Guild of Oregon Woodworkers is a group of professional and amateur woodworkers like you, committed to developing our craftsmanship and woodworking business skills. The Guild offers many benefits for members, including:

- *monthly educational meetings*
- *monthly newsletter*
- *mentoring program to help members develop their skills in specific areas*
- *discounts*
- *woodworking shows*
- *network of business partners (the key to our development as members and as a Guild, providing additional learning opportunities)*
- *and a network of support.*

For information on how you can become a member, see the Guild website listed below.

GUILD OF OREGON WOODWORKERS

P.O. Box 13744, Portland, OR 97213-0744

CLASSES, SEMINARS, DEMOS, AND SUCH....

Northwest Woodworking Studio 503-284-1644, www.northwestwoodworking.com

Rockler Woodworking 503-672-7266, www.rockler.com

Oregon College of Art and Craft 503-297-5544, www.ocac.edu

Woodcraft 503-684-1428, www.woodcraft.com

Woodcrafters 503-231-0226, 212 NE 6th Avenue, Portland, www.woodcrafters.us

THE GUILD IS PROUD TO BE SPONSORED BY:

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Hardwood Industries **
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Woodcraft**
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Goby Walnut Products
Rockler Woodworking



SUPPORTING:

Woodcrafters, Portland

AFFILIATES:

Northwest Woodworking Studio
Oregon College of Art and Craft

- ◆ Some sponsors offer discounts to current Guild members. See the website for details.
- ◆ ** Scholarship Sponsor



Guild of Oregon Woodworkers

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We're on the Web!

www.GuildOfOregonWoodworkers.com