

OREGON WOOD WORKS

FROM THE PRESIDENT



LEE
JOHNSON
PRESIDENT

Suddenly Can't Work the Wood -- What to Do?

Lots of people live parts of their lives in Walter Mittyism (WM); I admit I'm one of them.

Making a choice to spend the second half of my life in a woodshop wasn't a WM; that has been for real. But having made that choice, and having it come true opens up the opportunity for other WM's. You know, over that first cup of coffee and cigarette out in the garage, watching the sky lighten over the Cascades; letting the mind drift. Thinking one moment that if I had an ounce of class, I'd know a Navaho morning prayer to greet the sun, and the

next moment how to make that offset haunched tenon in the shop today. Just drifting.

One of my WM drifts sometimes is about what I would do if I couldn't work in my woodshop. What if I went blind? What if I were incapacitated somehow? Liking a thing too much gives it great WM power through real or imagined threat of removal.

Oops! It just came true. Too many cigarettes over cups of coffee (while drifting or not) came home to roost. A little chest pain, some lightning action by the medical establishment, and I'm sitting here at the key-

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OUR NEXT MEETING—DECEMBER 13, 2006 7:00PM NOTE: THIS IS A WEEK EARLIER THAN NORMAL

Wednesday, December 13, 2006 6:00 to 9:00 PM
Architectural Heritage Center
701 SE Grand Ave Portland

Join your woodworking friends for the annual guild Christmas party. Let's make it the best one ever. There are a lot of reasons to celebrate, to be happy, to enjoy life. And this editor secretly knows that two of our most faithful members are bringing potluck entries to remember.

That said, this is a potluck. Bring a favorite dish, more if you like. The Guild will provide beverages, plates, and utensils. (Beer and wine *may* be available but this is undetermined at time of this printing. Check the website as time draws near).

If you'd like to participate in the optional gift exchange, bring a handmade gift or purchase a gift with a value around \$25. And there is a strong emphasis this year on handmade gifts. After all folks, we're woodworkers. While the time is getting short, there is still time to make your mark. Imagine someone looking up months from now with a smile and saying, a Guild partner made that.

Directions: Exit I5 at the Water Street Exit. Head about 5 blocks east to Grand. Turn North on Grand and it's 2-3 blocks up, just past Morrison on the left.

WHAT TO DO? (CON'T)

(Continued from page 1)

board with rearranged heart plumbing and one heck of a sore sternum. All very scary but a story for another place and time.

The immediate upshot is that I am under threat of dire consequences if I even think about picking up a plane -- or a chisel -- or any of my stuff for the next eight to ten weeks. Eight to ten weeks without doing any woodwork? Eight to ten weeks without sharpening a scraper? Without making a shaving? Without fitting a tenon? My God! What am I going to do? I spent one of my early hospital stay nights in a near panic, then started to consider reality as the main sedatives and pain killers wore off.

You know, I've got the Five Books of Architecture -- Sabastiano Serlio -- that was such a huge influence on Western European architecture and furnishings. It's all written in 1611 English (in Gothic script); it takes some time to translate, and he's got about a bunch of carpenter/architect geometry I'd like to know. Now might be a good time.

And then there's a series of books about the use of geometry in art and design that Gary Rogowski told me about. Great time to order them and do some studying.

And oh yeah, I haven't finished studying Judith Miller's History of Furniture, nor have I read Jay Hambidge's Elements of Dynamic Symmetry from whence comes the Hambidge rectangles (I like to call them Hambidge progressions), and as long as I'm buying one of them, Amazon.com tells me that most people who buy Hambidge also buy Kimberly Elan's Geometry of Design: Studies in Proportion and Composition, so I've ordered one of them, too. And just look at that! Taunton has just published a new book, Designing Furniture; can't live without that one!

*... what would I do if
I couldn't work in my
woodshop...*

Steve Philips says he'll loan me a wonderful book on the Glasgow School & works of Charles Rennie MacIntosh. (If you don't know MacIntosh, you don't know squat about the transition from Arts and Crafts to Art Nouveau, I'm told.)

Most all this material has to be studied at the drawing board because I'm not bright enough to understand it without doing it myself, or drawing bits and pieces to see how they fit together, or just to play with the stuff.

And speaking of the drawing board, there's a waiting list of projects hanging out there, too. I need to finish the construction drawings for the Architectural Heritage Center's Sponsor Board so we can get to work on it. There is a particularly complicated bit of joinery coming up on cladding some poorly-proportioned Greek-like columns, and heaven knows I need to sharpen my skills with double horizon point perspective drawing if I want to give my clients and their designers knock-em-dead proposal drawings.

So now here's the problem: How the devil am I going to get all that done in the next six to ten weeks? (And all that without my little helper cigarettes.)

See you at the Christmas party and Best of the Northwest. Now I'd better get to work....

IT'S SHOWTIME 2006

BY GEORGE DUBOIS & LARRY BUTRICK

Well, it's that time again! The Guild will have its largest event this year at the Oregon Convention Center (Hall "C"). The **Best of the Northwest show** will be held on December 9th & 10th from 10am to 6pm.

We will have more exhibitors with more diversity and talent than ever before. We will have 5,000 square feet of woodworking exhibits. There will be a separate Member's Booth where any member (except professionals) can display and sell up to 2 pieces of their work. (Note: See article in the October newsletter for more information.)



2005 Build Booth & Volunteers

Even if you choose not to display your work in the Member's booth, we would like your support --- come and visit the show to see what the Guild and your fellow members are doing in woodwork-

ing. Bring your spouse too. In addition to 45 woodworking booths, there are over 100 high-end arts & crafts artists too --- all for the price of one admission.

Admission is \$6, or only \$4 with a \$1-off coupon plus a \$1 Guild rebate. Come by the Guild booth during the

show and we will return \$1 of your entry fee. Look in the Oregonian for the Best of the Northwest ads for your \$1.00 off. This coupon may also be printed from the website: www.BestnwCrafts.com



This could be you

If you are interested in showing some of your work, please contact Larry Butrick @ Ljb-ekb@comcast.net or by phone at (503) 310-4166. **SEE YOU AT THE SHOW!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!**



2005: Dave Jeske's Beautiful Tools



George was omni-present



IMMEDIATE NEED

The Need—

- Help with the show committee
- Articles for the newsletter
- Planning meeting agendas
- Helping in the Guild booth
- Sharing your knowledge through classes and seminars

These needs are ever present in the Guild.

The Benefit—

- Learn
- Share
- Make friends and contacts
- Run into good deals
- Be part of this team

The benefits listed always come to those who participate. Contact Bob, Larry, Dave or Lee.

GUILD SEMINARS

The Guild of Oregon Woodworkers
presents

Darrell Peart

Master Woodworker, specializing in the Greene &
Greene Style.
In Seminar

Date: March 31, 2007

Location: Franklin High School (woodshop)
5405 SE Woodward, Portland, OR

Open to the public.

Fee: Members, \$75 , Non-members \$100
Sandwich lunches will be provided.

Special premium for non-members: Obtain a full
year's membership in the Guild of Oregon Wood-
workers, along with entry to the seminar,
with the submission of a \$110 fee.

Entry will be limited to 30 attendees in order to
ensure excellent viewing of the milling techniques
that Mr. Peart has developed, for the router table,
in executing the Greene & Greene vocabulary.

Send a note with your contact information, along
with your check, to:
GOOW , Green & Greene Seminar
PO Box 13744, Portland, Or 97213

(No admissions will be considered complete with-
out payment.)

Information contact: Ariel Enriquez, 503-286-4828
(e-mail: arielyphyllis@msn.com)

GUILD EVENT CALENDAR

Event	Date	Activity
Best of the Northwest Show	Dec 9, 10	Support the Guild's premier show
Christmas Party	Dec 13	Exchange hand made gifts

WHY VOLUNTEER?



Almost ten years ago somebody asked me to volunteer to be on the board of this Guild and I accepted. Two months later the President quit and they asked me if I wanted to fill his shoes. I said that I wasn't even sure if I wanted to be a member yet.

By the end of the year I had accepted the nomination to become the President and thus I started my period of volunteering. It has lasted for almost nine years. Why did I volunteer? Because I wanted to help grow this Guild.

We started with about 50 members and now we have about 300 members who, for the most part, are happy to belong to this stellar organization. While I was President for 5 years I volunteered to help with other organizations to learn more about specific topics, such as sponsorship, seminars, and shows and how to run and build an organization. I wore a lot of hats in those early days and slowly I gathered some folks to help me. Without those good volunteers this Guild wouldn't exist today.

All organizations of this type always have a problem getting enough people to help. The old adage is 20% of those do 80% of the work. Volunteers are the lifeblood of this organization and it cannot continue to grow without the help from its members.

Why volunteer? Because not only do you help to support this Guild but you also learn and become a more rounded person and in this case a better woodworker too. So..... help your Guild grow. Help your Guild become even stronger. You will see that volunteering can also be fun and informative and make you a better person.

Try it, you might even like it!!!!!!!

Thanks for listening and I'll see you at the next big show.

George E. DuBois

Past President and resident volunteer.

FOUR OVERLOOKED HAND TOOLS

BY MIKE DUNBAR

You have finally set up your shop just the way you want it. You have built your work bench. You have bought your table saw, thickness planer, jointer and band saw. You're ready to get going on your first project, but before you begin, here are four hand tools that you will find very useful and will to acquire.

In many situations, hand tools are faster to use than our machines. While they require a bit of practice, they do not usually require any set up and test cuts. You pick up a hand tool and do what you need. Frequently, the job is over before you could set a fence and flick a switch. Each of these tools is sure to speed up your work. Unfortunately, they are tools woodworkers often overlook. Two are used for roughing and two are for fine work. However, all are so handy that it would be impossible to describe all their uses. Put them to work and you will soon come up with jobs I haven't thought of. As an added bonus, only one of these tools will cost over \$100. The other three are priced much closer to \$50.

Draw Knife

There is only one explanation for why old draw knives are so plentiful. Until this last generation, every woodworker owned and used one. They are so useful, I cannot imagine a shop without one. They are used for quick stock removal along the grain, across the grain, and for concave and convex curves. They will cut away heavy amounts of wood far faster than a band saw.

Here are couple of tips about using a drawknife. It is a slicing tool rather than a two handle hatchet. Hold it askew and draw the edge through the wood the way a butcher slices meat.

You will be amazed at how effortless and cleanly it works. Use the draw knife with the manufacturer's stamp up. Many woodworkers use the knife upside down, thinking that this gives them more control. Because they cannot take a heavy chip in this position, they sacrifice the tool's most important ability – fast stock removal. Far better that you learn to use the knife the proper way. In a short while you will be able to take paper thin shavings that rival those made with a plane, or hog off ones as thick as your finger.

I also use my draw knife in a more unconventional way. If I



Small woodcarvers draw knife, #410 shoulder plane, #3 sweep gouge

have a board that needs to be trimmed along its length – for example one with an irregular, round edge – the draw knife allows me to quickly straighten that edge and make it ready for the table saw. I snap a chalk line and then, after determining the grain direction so I am working with it rather than against it, I use the knife as a lever, prying loose the waste close to the line. All I need is a few passes over the jointer and I have a straight edge. Buy an old knife or a good replica made by a smith who understands the tool. Most modern knives are ground like chisels and this edge will not work well.

Wooden Spokeshave

This tool is as close to magical as any you will ever use. When working wood, it is the equivalent of using a photo editing program to work on a picture. You can smooth curves, you can blend elements together, or you can work pixel by pixel.

Do not confuse the wooden shave with the metal tool that bears the same name. They have very little in common. The wooden shave's blade is set nearly parallel to the sole with the bezel up, so it has a low cutting angle. This makes it ideal for end grain. A sharp shave will take shavings from end grain so cleanly the chip holds together like those taken from edge grain.

A wooden shave is ideal in many of the applications where woodworkers would generally use a rasp. Only, this tool leaves a surface so fine it is almost ready for the finish. One of our students returned to tell us this story. In between visits, he had taken a class somewhere else in making a piece of Chippendale furniture with cabriol legs. The instructor showed the class how to smooth the leg with a rasp. When it was his turn, our student pulled out his wooden shave. The work was so effortless and fine he soon had the other students --and eventually the instructor -- asking to borrow it. A shave can be pulled when whittling, but it is primarily a pushing tool. Its handles seem to imply that you grip those.

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OVERLOOKED TOOLS (CON'T)

(Continued from page 5)

Instead, pinch the body between your fingers with your thumb behind the blade. This position makes it a lot easier to control.

When setting up your shave, try this trick. Cock the blade so the cutting edge is higher on one side than the other. This setting gives you a high, medium, and low setting all in

one. When you need to take a shaving of a different thickness, just move the shave to that point along the edge. It saves a lot of time making adjustments.



Wooden spokeshave

Shoulder Plane

No matter how precise your joinery, you regularly have to make some very fine adjustments. There is often no practical way to do this with machines. That is why every shop should have a shoulder plane. These planes have an extremely narrow mouth, which allows them to make cuts so fine the chips cannot hold together and crumble to dust.

As its name implies, a shoulder plane is used to snug up the shoulders on mortise and tenon joints. However, they are far more versatile. Used across a tenon, they will trim it to give you a friction fit. While doing this job, use the plane to chamfer the edges of the end of the tenon so it slides more easily. The tool's mouth is as wide as the sole. This allows it to track perfectly in a corner such as a rabbet joint or the shoulders on a tongue and groove. It is also ideal for trueing, trimming, or smoothing the flat fillets on moldings.

Shoulder planes are not cheap, and I would be leery of one that is. However, you will never wear it out and it will make an important difference in the quality of your work.

#3 Sweep 35 mm Gouge

Not a day goes by that this tool is not in my hands numerous times. I use it for everything. It does rough stock removal in places where the draw knife is too large. Depending on the size of the job, it can be driven with the heel of my palm or, a mallet. The tool trims joints in far less time than a saw. It whittles pins and wedges for mortise and tenon joints, and since it is so constantly at hand, I use it in place of a jack knife. Because its edge is a shallow curve, it is far less likely to dig in and scar your work than a flat chisel.

At a recent *Working Wood in the 18th Century* conference at Colonial Williamsburg, I was surprised to see their master cabinetmaker, Mack Hedley, pull out a nearly identical tool. Driving it with a mallet, he used it to quickly rough out the

concave curves of the piece he was working on. This is a job most of us would have done on a band saw, but Mack did it with the part already glued in place and saved himself a tremendous amount of time over the way the rest of us would do it. The gouge Mack used was a modern copy of one that archeologists had excavated at the site of the cabinetmaker's shop. It appears that the old boys too, knew how handy this tool was and is.

In using mine to shape parts, fit tenons, or whittle pins, I usually hold the parts against my chest and pull the wood against it. This gives me more control and it is safer when working around other people.

THE LAST MEETING

The October meeting was a focus on our sponsors. An opportunity to acknowledge them publicly and hear a few words from them. See "Meet the Sponsors". A raffle with a host of door prizes took a bit of time, certainly enjoyable for those in attendance. Several very generous prizes included two match slabs of Walnut from Gary Goby, a beautiful hand made chisel from Dave Jeske and a set of router bits from Peachtree. Thanks so much to you for your kindness.

The balance of the meeting was a great turning presentation by Jim Hall, president of the Cascade Woodturners. Jim turned a delicate spindle top bowl, sharing tips along the way. A big tip, always wear a face shield. Jim had a piece explode on one occasion and it saved him some serious injury.



WELCOME NEW MEMBERS

Barry O'Mahoney. We're have to have you on board Barry.

MEET THE SPONSORS

BY BOB OSWALD

These behind the scenes gracious people help support the Guild and the lore of woodworking. Through dues, scholarship funds, discounts and donations, they help everyone to learn more about and appreciate woodworking. Thanks to each of you for what you do.

Scholarship

Scholarship sponsors contribute to the Guild as well as to our education program where money goes to student in the area school woodshops as grants to further student woodworking interest. These grants typically allow students to buy better material for their projects.

Crosscut Hardwoods

Located on Front Avenue in Northwest Portland, caters to building professionals and do-it-yourselfers. Their stores feature an extensive selection of domestic and exotic hardwoods, plywood, marine-grade paneling, veneers, unfinished and pre-finished flooring.

Hardwood Industries

With three stores in the Portland area, headquarters in Sherwood, they have lumber, sheet stock, melamine & vinyl, hardwood flooring, and veneer. Specializing in Domestic Kiln Dried Hardwoods, Flooring, Cherry and Maple. Their showroom is ready to help with the newest techniques, product applications & finishes.

Lumber Products

Located on 124th in Tualatin, Lumber Products carries a wide variety of products from many different product lines. The vast product mix includes FSC Certified lumber and plywood, moulding and a large variety of Melamine, Vinyl, Veneer and laminate materials. They also serve the homebuilding aspect with millwork, siding, trim, sheathing and doors and frames of many styles and functions.

Rockler Woodworking

Located off 217 in Beaverton Town Square, Rockler is part of a network of over 35 woodworking stores and internet shopping. Inventory includes a great selection of exotic lumber. Tools and supplies for every aspect of woodworking from carving and turning to shop equipment, hand held and full size power and hand tools and a unique finishing department. Frequent product and technique demonstrations and classes.

Woodcraft

Located off Main street in Tigard, they feature exotic lumber, tools and supplies for the carver, turner and general woodworker. Shop equipment, hand held and floor model power tools, hand tools, dust collection. Frequent demonstrations and classes. Tigard Woodcraft is one of a group of over 80 woodworking stores.

General

General sponsors contribute to the Guild and support its goal of promoting woodworking.

Barbo Machinery

Located on Milwaukeie in Southeast Portland, they have been supplying quality new and used woodworking machinery and supplies in the Northwest since 1922. With over 80 years of experience they offer the best in industry knowledge and up-to-date technological advances. They satisfy tool needs from the home woodworker to high grade professionals.

E.B. Bradley

located on Marine Drive in Portland, is a leading wholesale distributor of high-pressure laminate, cabinet, furniture and store fixture hardware, BHK Uniclic flooring and woodworking supplies for the commercial people.

Goby Walnut Products

Located on Palastine Road in Albany, they harvest, process and stock the largest supply of Orgeon Black Walnut. Over a half million board feet of lumber in virtually any size. Turning stock, gunstock blanks, veneers, from grade lumber to highly figured and prized burl stock. Seedlings are available for those who want to grow their own walnut or help propagate the species.

Woodcrafters

Located on 6th in Portland, they are a large and diverse supply of lumber, woodworking tools, machinery and finishes. Hardware. Equipment for every aspect of woodworking from the do-it-yourselfer to the professional cabinet makers.

Affiliates

Our affiliates promote woodworking thorough education. They have programs that turn eager students into professional woodworkers.

Northwest Woodworking Studio

Located at 8th and Yamhill in Portland, they attract students from well beyond the Portland area, they teach many classes and seminars in all aspects of woodworking. Five and ten week classes focus on basic methods and hand operations to refine woodworker skills. A two year Mastery program designed for self-directed students with their own shops, teaches fine furniture making with focus on design, joinery, and building skills.

Oregon College of Art and Craft

Located on Barnes Road in Northwest Portland, they offer four-year degree programs in woodworking. The BFA in Crafts is a professional degree program for students planning to make a living in the arts. The Certificate in Crafts program is a three-year program for students interested in studying a particular medium in depth but not interested in the general studies courses required for a BFA degree.

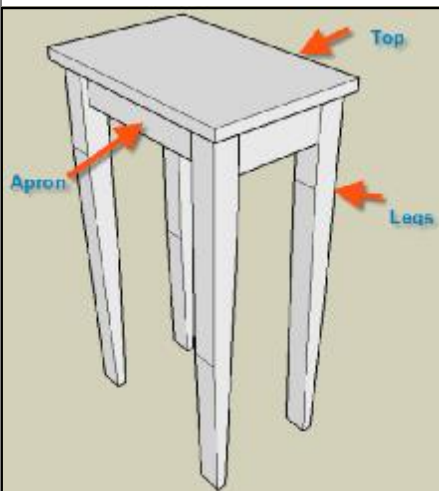
ANATOMY OF A TABLE

BY BOB OSWALD

I took on a project recently because a customer wanted a table built. A simple computer table, nothing fancy. But never having done one, it was too intimidating to commit to in a limited timeframe, so I declined. A chat with another wood guy lead in the direction of pocket screws. Up to now, thinking of myself as a wood purist, that wasn't really appealing, but after a little thought, it became an option when you want to just 'get the job done'.

First, a little research into what makes up a table shattered some preconceived and erroneous ideas about how to build one. The main objective was to learn how to quickly build a table, functional, strong and adequately attractive. And to use pocket screws was the second level preference. So I bought the Kreg K3 system not knowing too much about it but having heard great things.

The table structure. George DuBois showed us how to design a table in a little class a couple of years ago. I remember the class although it took two years to manifest itself in my shop. The components are simply a top, legs, apron. Can't get much easier than this. The basic table can easily be all straight lines. You can embellish the design in many different ways as your interest and skills grow



Components of a Table

For example, scallop the apron bottom taper the legs, or cabriole legs if you really want to get fancy. Put little feet (what French-ish name did George have for that sabot?). Decorate the top, inlays, all kinds of options.

But the simplest table, with only tapered legs to make it elegant, is shown in the 3D model (done with Google Sketchup). I built it, stained and finished it. Sadly, I neglected to take photos of the components while it was in process, so words will have to do here..

Construction. Glue up the top, joining boards of your choice as necessary to get the width and length. Surface sand and then put a simple trim on the edge with a router. The legs are standard height is twenty

nine inches. Glue up the legs to make 1 1/2 inch stock. Cut to length and run them through a simple taper jig, starting 4 inches from the top, taper to one inch. Another thing I've never gotten around to, but the tapers worked perfectly and they look elegant.

The apron is simple 3/4" stock, cut to length to fit between the inside of the legs .

The pocket screws were the slickest part. The razor sharp new drill out of the package, properly clamped, cut the fastest, cleanest pocket you can imagine. When assembling, be sure to clamp the drill jig and be especially sure to clamp the two pieces when you're ready to join them. They can very easily slip and make a bad joint if you don't. Fine thread screws for hardwood, coarse thread for softwoods. The square drive head with a hand drill anchored each apron to the leg. Careful alignment for square. Then the whole apron/leg assembly gets joined to the underside of the top. This table did not rock. That rocks!!

And you're done, but for the finishing. The pictured table has a drawer. That was a bit more fussy but it was fun. A simple bottom mount slide was made from scrap wood and glued into place



A Simple Table

IT'S PLANE TO SEE

BY BOB OSWALD

I had an experience a few days ago, one you might almost call religious. At a garage sale a few days earlier, a Stanley plane caught my eye, for two primary reasons. One is the esthetic lines of a hand plane and the other is Lee Johnson's persuasive passion for hand tools, and I've seen his superb collection. It was dull as a hoe but in great shape. So with the ownership of a still new Tormek sharpening system, I vowed to sharpen it properly as well as the two others in my meager collection. Since sharpening came up daily on the professed to-do list, I did. Spent the time with the Tormek to do a good job that includes, by the way, taking the edge all the



way down to a new edge. In a recent discussion about sharpening I overheard that the biggest mistake people make is

stopping just short of a new and clean edge. So we went all the way, coarse to put an edge back on, fine to tune it and then patient time on the leather stropping wheel to polish the edge. Now I know I still did not do justice to this edge like other real pro's can, but it felt s-h-a-r-p. So to the test, a piece of cherry clamped in the vise. Set for a light pass on a rough cut edge. Several light passes whispering off the coarse craters of the raw stock. And the first bite, a shaving, and more and longer and deeper. Finally the edge reached the fully exposed smooth wood stage. The next pass shaved off this beautiful, incredible, loveliest curl of cherry, the full length of the piece. What a smooth, sweet feeling. No roar of engines. No gushers of sawdust and debris. No threat to life and limb of whirling demons of steel. Just the soft ssswwiiiiisssshhhhhh of a sharp blade cutting wood.

I don't know that I'm ready to give up the production speed of my power tools, but I'll tell you ladies and gentlemen, it was a very, very satisfying experience. And I know Lee is sitting there at home reading this, and just smiling that little knowing and approving smile under his wooly upper lip. Thank you, Lee.

And truth be know I've even started using chisels more frequently. Like it's actually faster and easier to move a little wood by hand then set up a power tool to do it. First the bastion of dovetails fell, now the hand plane. Where will this all end?

I ♥ WOODWORKING

CLASSIFIEDS

FOR SALE !!!!!

Two Red Alder logs available approximately 18"-20" diameter. Will cut to your specifications. Flat sawn at \$1.00 BF or quarter sawn at \$1.25 BF. Each log will yield about 250 - 275 BF. If you use alder this is some nice wood. Contact Dick Pettigrew at 360-735-1791 or nemahpro@msn.com.

For Sale

FOR SALE !!!!!

A complete set of Fine Woodworking magazines from #1 thru 180. Sets like this are getting quite scarce and command prices much higher. My price is for Guild members only. \$500.00 it includes index 1-100 and plastic holders. Call George E. DuBois 503-365-7534 or duboisge@comcast.net.

FOR SALE !!!!!

Old growth cedar air dried over 20 years. Wonderful clear straight grain with no knots. Great for Adirondack chairs and patio furniture. Special to Guild members @ \$5.00 per bd. ft. Call George E. DuBois 503-365-7534 or duboisge@comcast.net.

FOR SALE !!!!!

Delta/Milwaukee lathe. 36" bed with a 6" swing. It has the original cast iron stand with motor, an indexing head and includes many accessories. \$450.00. I also have a very nice Robert Sorbey multi jaw chuck available for this lathe. \$75.00 complete. Call George E. DuBois 503-365-7534 or duboisge@comcast.net.

RESOURCES

A NEW CAD PROGRAM FOR WOODWORKERS.

By George DuBois

In a recent issue of Woodshop News a new CAD program was detailed. After reading the article I contacted the author/owner who agreed to furnish the Guild with a free copy that we can review.

So, in the December or January newsletter I will present my review of the software and then we'll raffle it off for free at the January or February meeting.

If you would like to look it over you can go to <http://www.gizmolab.com> and read about it.

My initial reaction to the program is that there is finally a reasonably priced cad program that allows a woodworker the ability to design cabinets and some furniture with an easy interface that all can grasp.

Enjoy!

The Guild of Oregon Woodworkers is a group of professional and amateur woodworkers like you, committed to developing our craftsmanship and wood-working 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, contact Guild President Lee Johnson at 503-292-4340 or email leejohnson13@comcast.net

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.com

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

Woodcrafters 503-231-0226, 212 NE 6th Avenue, Portland

THE GUILD IS PROUD TO BE SPONSORED BY:

Scholarship

Crosscut Hardwoods
Hardwood Industries
Lumber Products
Rockler Woodworking
Woodcraft, Tigard

General

Barbo Machinery
E.B. Bradley Company
Goby Walnut Products
Woodcrafters, Portland

Affiliates

Northwest Woodworking Studio
Oregon College of Art and Craft

* Some sponsors offer discounts to current Guild members. Refer to the website under *Benefits/Discounts* for details and restrictions. Remember to thank them for their generosity.

Guild of Oregon Woodworkers

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