

OREGON WOOD WORKS

A WOODWORKING CHALLENGE

BOB OSWALD, EDITOR

I'm headed North again this summer, to Friday Harbor for a another stint aboard the Adventuress. In case you're new and don't know about this, it's a volunteer position teaching sailing, ecology and marine life to youth groups, living aboard the 100 year old, 135 foot, two masted schooner, operating out of Friday Harbor, WA during the summer.

It's a shorter trip this time, only 10 days instead of five weeks last year, but it will cut into my production time for the August newsletter.

This thought occurred to me. You all can help and have a pretty decent chance at a reward, and get a little visibility to boot.

You know I'm always encouraging you to make sawdust, to learn new things. Here's a chance to show me and the Guild what you've been doing this summer.

Four mallets have been created by yours truly for this purpose. Made of Cherry shorts from my bedroom furniture project, these mallets will be awarded to four people who submit a photo and a paragraph about some woodworking project you've done or are working on this

summer.

This is a simple woodworking challenge. If you're really a woodworker, you've akreadt done *something* this summer. Just take a snapshot and tell me briefly about it.

Shop cleanup, a piece of furniture, a gift, a jig, anything but a house sink repair project qualifies. What you send will be a significant contribution to the August newsletter. I'd hate to send out eight blank pages.

If there are more than four entries, the names will go into a hat from which my wife will select the four winners. I might even make a few extras.

You have an excellent chance of receiving a fabulous, personally signed, ultra-cool mallet. In fact, you can even build more of your own by looking fur-



Four prizes completed



Tool of the Month

Inside this Issue:

Woodworking Challenge	1
July Show & Tell	2
Accurate Shortcuts	2
Stylish Mallet	3
Springback in Bent Laminations	4
Spacer Blocks	4
String of Bun Feet	5
Router Fence	6
Drain Holes	6
Mounting Slides	8

NEXT MEETING — WEDNESDAY — AUGUST 17, 2011 7:00 PM

MICHAEL DE FOREST

Franklin High School, 5405 SE Woodward Portland, OR

Michael is a very original woodworker, artist and sculptor, and is an instructor at Catlin Gabel School in Portland. He also had the unique experience to apprentice as a coffin maker in Ghana (not coffins as you know them). He will present his work and discuss the process of becoming a woodworker and making a living as one.

Directions: Crossing the Ross Island Bridge eastbound, take SE Powell to 55rd, a left turn lane a couple blocks past the light. North to SE Woodward 1/4 mile to the end. Left on Woodward a block; the shop is on the corner on the right.

JULY MEETING: SHOW & TELL

ARIEL ENRIQUEZ, PRESIDENT

Our meeting this week was relatively light in attendance (about 65 people showed up) but that's typical for the summer months, especially when we have gorgeous weather as we did that evening. Those who did turn out had a great time.

After all the usual announcements from the front of the room we got into some very excellent show and tell items.

Dick Emmel showed off one very pretty little scroll-work box. Said box apparently was set aside for many months (years?) whilst Dick pondered over how to attend to a hardware issue. Funny how things like that can happen. Anyway, it's completed now and the scrollwork is excellent and the finish has a nice warm feel to it. Nice job, Dick.

Next up was Ray Curtis. Ray's project was a lesson for all of us. Seems he started out to make a basic workman's box, made to be portable by means of a handle on top, the purpose of which was to hold a small buffer. Simple stuff. Until the hardware was got! Suddenly the simple box just wasn't up to par for the nice shiny brass hardware (nice butt hinges, inlaid pop-up handle, snap closure ready for a wee padlock on the front, basically, the works!). So the little box got a "make-over" of sorts; filled and smoothed the surface, a handsome jet-black coloring, topped off by several coats of poly. Reminded me of some piano finishes. Nice job, Ray.

Earl Swigert showed off a small box of his own. Some nice spalted accents of maple dressed up a tight little walnut creation. The thought struck me as he was presenting his piece, that it would sure be neat to have a small gallery somewhere—maybe this could happen on our new site?—where members could display these piec-

es and give everyone who couldn't make the meetings, a chance to see what others are doing. Someday maybe.

Kelly Gerke showed off his latest rocking chair. This was a commission he got as a result of the showcase last April (yay! it works!). A really lovely piece. He claims it takes a month to make one. I believe it. I've seen the book with the directions for it. About 2" thick! Slow going, but totally worth it. Classy bit: he inlays his logo, a hawk, into the bottom of the seat. Very nice work, Kelly.

Finally we had Marcus Flanders, with his latest box effort. Marcus got into boxes seriously after attending Bill Bolstad's seminars. That was some time ago and his efforts in box making continue to improve. He recently took a major ribbon at the Intra-Guild Show with a very nice box. This evening's showpiece definitely showed signs of getting the work tighter. The inlay is crisp, the joinery tight and the hardware perfectly installed. New development on this one: a small, centrally located plinth on the back of the box, acting as a support for the lid, when opened. Interior trays made of so-thin re-sawn walnut, everything finished off with a hard semi-gloss. The details get nailed down. In my eye, he's elevated his game yet again.

As I said at the top of this, attendance for the meeting was relatively light. That was expected. Summer. Families. Vacations. All those things, and more, contribute to keeping members away for the summer months. Those who do show, however, clearly do so out of the joy that woodworking can bring to a person. The proof of it was right there to be seen that evening; in the voices of the folks showing off their work and in the rapt attention they received from all those present. This shared joy is what keeps this woodworker coming back.

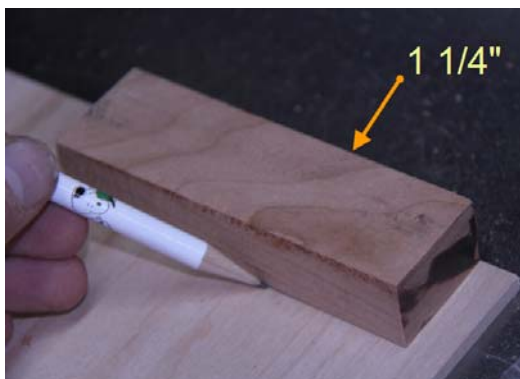
See you all next month.

ACCURATE SHORTCUTS

BOB OSWALD

My saw is set up to rip very, very accurate cuts. I'm finding that when marking a line, to mount drawer slides for example, especially if you have more than one to do, you can quickly rip a "ruler" to the required width.

Placing the piece against the edge makes drawing that line so repeatable on every location. Same situation holds true for po-



sitioning a piece, say 3/4" from the edge of one board to glue it down. Use the spacer block rather than a tape measure for easy alignment.

I'm starting to keep a number of frequently used spacers on hand, marked in bold ink with their dimension. A block can also serve to cover two different dimensions.

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STYLISH MALLET

BOB OSWALD

A wooden mallet is used surprisingly often in the shop. You're assembling a cabinet, dry fitting and finally gluing the pieces together. The clamps are snug but not fully tightened. Two edges are not quite in alignment. Once the glue is applied, within minutes it's very difficult to slide the parts into alignment. You loosen the clamps and too many things can move. Use a mallet with a few gentle taps.

This is the 'ultimate' cool mallet. The original was given to me by Merlyn Lewis, Rob's dad. He's an incredibly inventive wizard in wood. I use it a lot and it comes apart. There's something satisfying about thumping the handle on a surface and popping the head off.

I've made quite a few since then to give away. It's beautiful in its styling and is easy to make. In fact, while you're at it, make four, for Christmas presents.

Material

These look fantastic made of walnut, cherry, or curly maple. Mix the woods. Laminate up the handle. Let your imagination go wild.

Handle

Cut 11 x 1 3/4 x 3/4 stock.

Using a simple taper jig, taper one side (you don't need to do both). The angle is 1 3/8 inches in 24 inches.

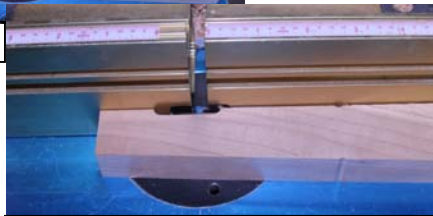
With a 1/4" bit, route the waist. Set two fence stops on your router table; left at 5 7/16" from the center of the bit and



Minimize tearout

right at 9 5/8" from the bit center.

Make a small starting cut against the left stop that will help prevent splintering on the final cut. Starting at the right stop, route the handle all the way to the left stop. Flip it over and do the other side.



Routing the waist

Head

Cut two cheeks 3 1/2 x 4 3/4". Cut two center pieces 1 5/8 x 3 1/2". Observe the grain direction on the center pieces and choose which you prefer.

With one side down, apply glue sparingly to one side of the center pieces. Rub them on the cheek piece to spread the blue. Repeat on the other side. I let them dry for about 2

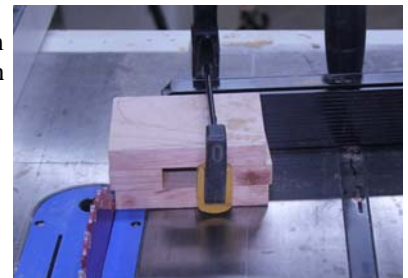


Handle for alignment, removed while the glue dries.

minutes so they stop sliding around when you try to clamp them. Use the handle, protruding out the top about 1/2", to align the center pieces. Clamp it all together and remove the handle. If you're sloppy with the glue, the handle will be hard to get out, so go easy. NOTE: Before gluing, check the handle clearance. You might have to thin it a tiny bit to have it slide easily into the head.

Shaping the Head

Set the saw miter gauge to 5 degrees. Trim each face of the head with the TOP at the wide end. Note the photo and the clamp for this kind of cut.

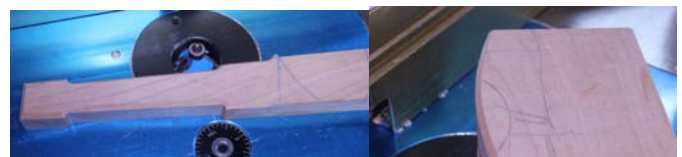


Trimming the faces

A bandsaw cuts a gentle arc on the top of the head, finished on a disk sander.

Final Chamfer

For that final touch of class, as well as hand comfort,



Chamfer all the edges

route a 1/4" chamfer around all the edges of the handle and the head. NOTE: Hold the chamfer clear in the area where the handle will contact the head when inserted.

Finish

The simplest is to leave it natural. A little oil or what ever you choose makes it your own.



Four prizes completed

SPRINGBACK IN BENT LAMINATIONS

BOB OSWALD

I think this job is getting to me. As I write this article, I know I've been here before. It's definitely Déjà vu. I remember typing the words. However, I can't find them in any prior newsletter, so apologies if you've seen this before.

Two issues arose that are by-products of producing a bent lamination, or probably a steam bend for that matter.

One is what we'd call springback. A piece of wood, deformed and held in a different position, when released, will return to some degree to its original shape. Bending this six-foot cap molding was not the challenge. But fitting it to



An inch and a half of springback.

the curved top of a torsion box was very likely to be. With little clamping capability installing on the bed footboard, I wanted the shape to be as close as possible to perfect. Good luck guessing how much to over bend it. Taking the best guess based on little practical experience, an 8-inch bend was intended on a jig with a 10-inch crown. Luck was incredibly gener-

ous that day and, when released from the clamps it sat in its final place with less than a quarter-inch gap.



Less than one-quarter inch error

The second issue was trimming it to width. I'd seen Ariel rip a curved shape like this on the table saw, so that was the plan. The molding was made oversize during glue up (obviously) to allow for mis-alignment.

Well, when taken to the table saw, it was a sad discovery

that the curve was too extreme to remain in contact with the saw blade. That discovery stopped the project for a day.



Straightening the edge on the jointer.

The solution became the jointer and the planer. With the molding on edge, the jointer effectively became a six-inch wide saw blade. Of course you've got to thoroughly understand jointing principles to get that edge straight. It did work out well.

Next step was to parallel the other edge in the planer, a 13-inch saw blade if you will. Stopping the planer cut a little wider than the final dimension allowed for planing the other side to assure that it was truly flat. Fantastic.

SPACER BLOCKS

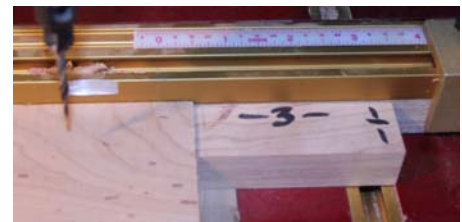
BOB OSWALD

Drilling several drawer pulls, in particular the two mounting hole type, can be easy and dead on accurate with a simple block of wood.

Set the drill press fence (front to back) at the vertical centerline of the knob holes. You can use a centering bit in the drill press to make this very accurate.

Position the drawer front left hole under the centering bit and clamp a stop block to the drill press fence on the right side.

Cut a small block of wood the width of the screw spacing, typically three inches. You can use your saw rip fence as a



guide to do that simply and accurately. Drill the left hole. Slide the drawer front to the left and insert the block between the drawer front and the stop. Drill the right hole.

Perfectly - horizontal, spaced, repeatable.

A STRING OF BUN FEET

BOB OSWALD

A pretty basic turning project, eight bun feet for a pair of nightstands. One way is to make eight blocks, chuck each one and turn it individually. The size allowed this daisy-chain of parts to be made. The benefit is to be able to move from one to the next to the next turning each detail in turn, kind of developing a little ‘muscle memory’.

Using the techniques mention last month, a parting tool cut a narrow slot at the small diameter end of each foot. The stock starts to look like a giant tootsie roll. Each index point, a high point or a low point of each foot, is turned to establish the profile. Then roughing gouges and bowl gouges finishing the shaping of each foot.

Separating them was a question with options ranging from bandsaw to a parting tool. The best solution was a narrow parting tool, making a deep cut to about 1/2” diameter at the narrow part of each foot.

Removing the assembly from the lathe, a Japanese pull saw made quick work of separating the pieces. The big advantage was virtually no “stump” left. Since these are each doweled to the nightstand, a 1/2” hole drilled for the dowel removed all of the parting stump.



ANNOUNCEMENTS

ARIEL ENRIQUEZ

Items of interest to everyone, shared at the last meeting.

Item 1: A whole new level of woodworking edification is heading your way. Called “the Next Level”, it’s the brainchild of Jeff Zens and Dennis Rodrigues, graduates of the mastery program at NWS. They both have been offering Guild seminars for some time and have come across a stumbling block which they also observed while at NWS. That is, folks signing up for a class without having the requisite skill set to successfully participate in that class. So these new courses will offer more on basic skills.

We presently offer the original Basics Course which exposes a newbie to information useful for going forward to learn our craft. These new courses will be totally hands-on. You’ll learn basic but essential skills, techniques, building muscle-memory, hand tools! As you get this newsletter, Jeff and Dennis are working on the first two syllabi for the initial course of 6 sections.

Stay tuned for detailed announcements.

Item 2: Holiday party. The idea was presented to the Board a while back that it would sure be nice to have some non-meeting, relaxing/sharing, get-together in December. Sounds like a party to me. Some years we do it, some years we don’t. **It’s on this year.**

Jenny Jecman has graciously accepted the elevated post of Party Ramrod for this year. It’s a bit early for serious planning, and Jenny is currently getting settled into her first-ever-house-of-her-own, but she’ll be ready for some suggestions.

It looks like December 14th for this (save that date!). For now, we’re thinking a potluck affair and I’d personally love to see a return of the secret Santa gift exchange. Except this year I want to encourage everyone to bring a gift they made themselves; however simple it might be.

WINDSOR CHAIRS

FROM TOM SPLAYER

Curtis Buchanan is putting together a series of videos on how he builds Windsor chairs. Here is his message he sent out recently. You can find these on YouTube, but they seem to be in no particular order. I found the first one at the link, below. Apparently it will take a while for him to complete the series, so we'll probably just have to keep checking to see if more segments are available. I believe there are about 6 segments completed at this time.

<http://www.youtube.com/watch?v=uEwjnEsj63o&feature=related>

His web site gives a pretty good idea of the kind of chairs he builds. Here's a link to it:

<http://www.curtisbuchananchairmaker.com/home.html>

A note from: Curtis Buchanan

Hi all, if your interested, I'm shooting a video and putting it on YouTube. I'm showing how to make a comb back chair, from buying the log to waxing the chair. I figure it will take about 60 segments. I have 6 up right now. My neighbor is filming it.

WHAT'S IN A WORD?

BOB OSWALD

I often hear little *mis-speak* things and thought I'd tilt the windmill with a few observations.

When someone says "all lower case" web addresses and email addresses are never case sensitive. Passwords ARE always case sensitive.

Rabbit, dado and groove, interchangeable, no. So many woodworkers refer to a dado cut, basically as any kind of a cut into a piece of wood. A dado cut is a "groove" cut across the grain of the wood. A groove is a "groove" cut along the grain. A rabbet is a cut either across or with the grain, along the edge, a two side cut.

Cherry wood – you don't find people referring to Pine wood or Walnut wood, so why do they add 'wood' to Cherry? Perhaps they think you'll mistake it for the little red fruit? I think I've heard the same said of Apple 'wood'.

What's the difference between Jatoba and Brazilian Cherry? Jatoba is a real wood, Brazilian Cherry is a U.S. marketing term dreamed up to make the uninformed buyer think they're getting something exotic, which they are, but we've all heard of Cherry (expensive, cool) and not Jatoba (what??)

And then there's the router. I hear things like "I'll router the edge" or "I have some touting to do". I believe it would be more correct to say "I'll route the edge". And when in doubt I shift the sentence to same something like "I have some router work to do". But then does it all matter?

SPECIAL ROUTER FENCE

BOB OSWALD

A little router challenge appeared recently, to route a one-inch square rabbet on the back of this uneven molding. The molding edge that would normally guide along the fence was too irregular and delicate to touch the fence.



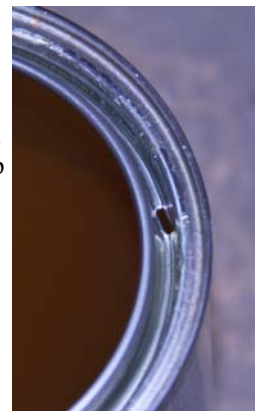
The auxiliary fence shown was built to provide an offset fence, guiding along a small and untouched flat area on the back of the molding. It protected the fragile edge and of course, used a straight surface to make the cut.

The job was a bit scary because this piece of molding cost over \$100 if replacement was necessary. Why do we do some of these things?

DRAIN HOLES

BOB OSWALD

Here's an awesome trick picked up at Gaston High School this spring, thanks to shop teacher Wade Sims. The kids don't have much time in class, especially when it comes to cleaning up the finish cans. He punches about 4 holes in the groove of the cans. A small, sharp screwdriver, held at a little angle so the corner rests in the groove, and a sharp tap with a mallet is all it takes. It works incredibly well. I still run a rag around the lip before sealing it, but there's so little mess left to clean that it's almost fun.



As Shakespeare said, "A rose, by any other name is still a rose." Although he actually wrote,

*What's in a name? that which we call a rose
By any other name would smell as sweet;*

Striving to make the world a little better, one word at a time.

WOODWORKING FUN

BOB OSWALD

Woodworking doesn't have to be all serious, as in making that ultimate chair or dining table. I learned a bit about woodworking with Rob Lewis a few years ago. It gets reinforced every now and then. He lives, I think, in an out of scale world. So he's always making non-traditional wooden things—big models of small objects and conversely, small models of big things.

One photo shows this pencil, six times actual size.

The other, a farm wagon, at one-quarter scale.

Rob has a mouse trap that's fabulous. I know many of you have seen it. Think about it. Make something whimsical.



The pencil was inspired by a little job that needed a long hold drilled dead center through a 2x2 a foot long. I remembered on a vacation to England decades ago, a tour of a pencil factory. That's how they make pencils, two halves, a groove, insert the lead and glue it together. Look closely at the end of a pencil some time.

BOARD MEETING MINUTES

BOB OSWALD

The board of directors of the Guild of Oregon Woodworkers meets monthly before the general meeting. Minutes of this meeting are available on the Guild website at

www.GuildOfOregonWoodworkers.com.

Click the "Board Minutes" entry in the left hand menu.

CLASSIFIEDS

I am getting close to finishing two Shaker Tall Clocks. I'm keeping one and want to sell the other. I've never tried to sell anything like this before (selling for \$2600) and I'm hoping some of the Guild members might know someone in the market for this item or recommend a different source to help get it sold. It's listed on Craigslist as:

<http://portland.craigslist.org/clk/fuo/2479304160.html>

14" Craftsman Bandsaw with stand. Great condition. \$200 Have three bandsaws, must downsize. Bob Oswald. 503-985-7137

Ornamental Milling machine made by Legacy Woodworking Machinery, equipped with a Porter Cable Plunge Router Model #7538; for making Barley twists, fluting; includes the instruction manual, tapes, bits, model #1000, \$2100 or best offer

Shopsmith 12" Professional Planer, Model M5990, \$275

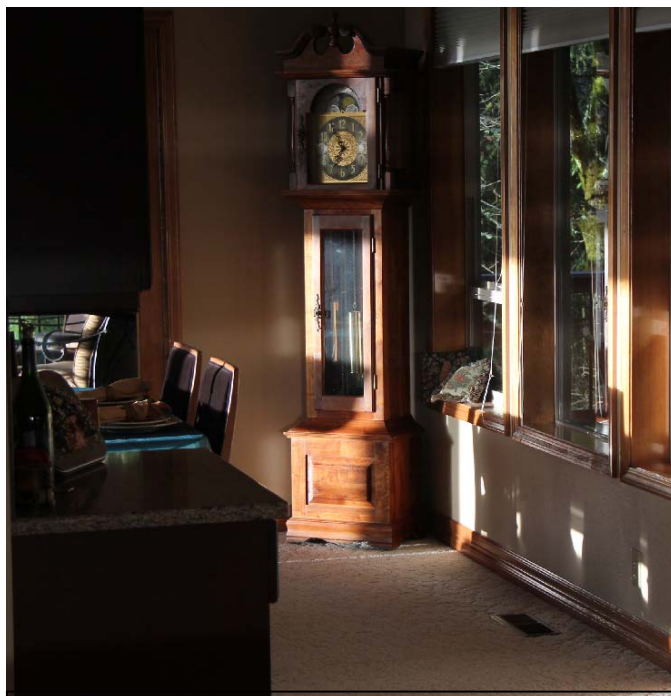
Inca Jointer Planer 343.190 Model 50 Dual Flat Belt Drive, \$325 includes cabinet on casters

Antique Radial Arm Saw, Restored, Model SKILSAW R520 (no blade) \$75

See photos at

www.guildoforegonwoodworkers.com/MiscDocs/JEANAD.jpg

Contact Jean DuBois at 503-365-7634



Evening Shadows: The end of a good day in the shop.

Classes

Intro to Dust Collection

Gig Lewis

August 3 at Gig's shop in Beaverton

Intro class discussing various types of Dust Collection in the Wood Shop. Terms like CFM, Ducts, Slow Turns, & Runs, plus Safety ideas. Tuition \$25 includes hamburgers fresh from the grill. Contact Ed at edvachal@gmail.com

Scroll Saw

Terry Foltz

Battleground, WA

WAITING LIST ONLY. See website for details.

Relief Carving

Frank LaRoque

Frank's shop in The Dalles

September 10, 2011 9:00 AM until 4:30 PM

A hands-on class using your own carving chisels. If you do not own carving chisels sign up anyway; you will receive detailed information regarding specifics and costs. Don't let this be a deterrent. Frank will provide each participant with three custom, hand-made knives to keep, including a chip carving/detailing knife, a stab knife, and a nice bench knife. You will also receive a very nice, bench hook made by Frank.

You will learn how to carve 3-dimensionally to obtain appliques in various designs such as a shell/flower/leaf/bud/berry; plus you will learn to apply a scroll to objects. You will also carve into a board to create an incised design for use on a chair back or the haunch of a table leg. Finally, you will make and carve a small corbel (fancy shelf bracket).

\$70.00, includes lunch. Contact Ed Vachal to sign up and tool details at 971-275-3962 or edvachal@gmail.com

Metal Working for Woodworkers

Tim Haller

September 24 9 am – 1 pm at Tim's Shop in North Portland

Tim Haller has a background of 25 years working in a machine shop. He will cover ways to make metal working an option in your shop through practical applications from jigs to ornamental embellishments working with aluminum, steel or brass. You will learn basics of metal working and how to use what you have in your shop at home. Examples: your hand drills, drill press, jig saw, band saw, table saw, belt sander, and files.

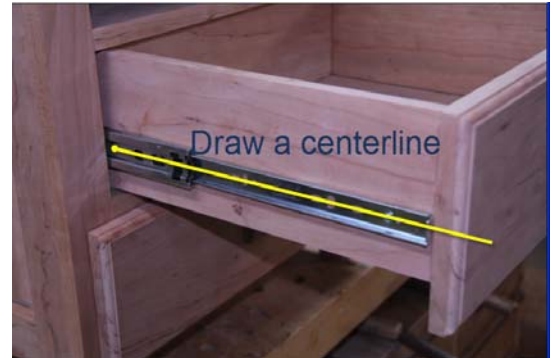
This class will also be hands on! We will each build an expanding miter bar for your table saw! \$35. Contact Jenny Jecmen jj@pacifier.com (503) 760-7276

MOUNTING SLIDES

BOB OSWALD

Mounting slides became a revelation, learned in the high school wood shop last spring, of all places.

In the past I've acquired the commercial jigs that hold things in alignment, in position while you drill the holes. It works



sometimes and probably better for some than for others. There's a jig for holding the drawer level and in position, but especially on new furniture, you often have easier access to the parts before final assembly.

Mounting can be a simple process. Draw a centerline on the cabinet. Position the cabinet part of the slide, mark and drill pilot holes in the horizontal slotted holes. Measure the drawer positioning to find the equivalent center line of the slide half that mounts to the drawer. Draw that line on the drawer. Then separate the slide halves, locate, mark and drill the holes in the drawer in the vertical slotted holes.

When you insert the drawer, It *should* line up quite well. A little adjustment of the horizontal and vertical slots and spacing tabs should easily align it. Try leaving the screws lightly snug and you can usually "pry" the drawer into position. Then tighten all screws fully.

You must allow at least the minimum spacing on the sides, one half inch each side, when building the drawer. If you make the drawer slightly too wide, there's little recourse except sanding the drawer narrower, a very difficult task.

If you make the drawer slightly narrow, up to perhaps a sixteenth inch, there are adjustment tabs on the slide. Simply bend them outward a little and tighten the mounting screws. You don't need to take them off. Just loosen the screw a little and slip a flat blade screwdriver blade behind the slide to bend it outward.

Life's gotten a bit easier.

WELCOME NEW MEMBERS

BOB OSWALD

Hello to Karl Schuler, Thomas Hamlin, Brett Pidgeon and Scott Stonecipher.

We're happy to have you with us. Please introduce yourself at the next meeting. We'd like to know who you are.

A TOUCH OF CLASS

BOB OSWALD

Enjoying an evening sunset after a few hours of making sawdust, asked about a completion time on the bed, I commented, miles to go before I sleep. And that got me to wondering where that expression came from. And of course the internet revealed an old friend, from high school literature, Robert Frost. May you enjoy it also.

Stopping By Woods on a Snowy Evening

Robert Frost

Whose woods these are I think I know.
His house is in the village though;
He will not see me stopping here
To watch his woods fill up with snow.

My little horse must think it queer
To stop without a farmhouse near
Between the woods and frozen lake
The darkest evening of the year.

He gives his harness bells a shake
To ask if there is some mistake.
The only other sound's the sweep
Of easy wind and downy flake.

The woods are lovely, dark and deep.
But I have promises to keep,
And miles to go before I sleep,
And miles to go before I sleep.

GUILD JOB OFFERS

BOB OSWALD

You all receive email notes occasionally about jobs from customers looking for a woodworker who can do a certain project. Also I send deals that I think you would have an interest in. Those only go out if the timing is such that the next newsletter is too late. BUT, please don't just hit REPLY to ask a question. Those replies come back to me, not to the person you should be talking to. Please read the whole email and follow the directions.

PUBLIC SERVICE NOTE

BOB OSWALD

Had a health check in the form of a colonoscopy recently. This is my friendly reminder that if you're overdue, there's no time like the present to get it done. Dave Barry, newspaper columnist, humored me into it three years ago. It was a good thing he did. It's a breeze these days, well except for the Gatorade.

CLACKAMAS LIBRARY

NEW LIBRARY COMING IN THE FALL OF 2011!

You've seen a few requests for help. You've had a glimpse now and then over the past year of this library

book shelf project being done by the Guild under the supervision of Bill Wood. It's nearly complete and the link below is an announcement by the library of their intentions. Note their commenda-



tion of the Guild for this work. The photo was extracted from their announcement. It looks like it was taken in Bill's driveway. The largest community project the Guild has ever undertaken. And a fine job it is.

<http://www.clackamas.us/lib/futureclackamas.htm>

Guild Income Statement Jan-Jun 2011

Income		
Meeting DVD		62
Membership Dues		8,996.27
Sponsors		200
Misc Income		90
Seminars		982.72
Ceramics Show		-1,919.62
Total Income		8,411.37
Expenses		
Communication		388.72
Community Service		385
Education & Awards		234
Equipment Expense		710.77
Insurance		580
Internet Service		270
Licenses		55
Meetings Expenses		360.31
Membership Expenses		179.29
Newsletter		543.37
Total Expense		3,706.46
Net Income		4,704.91
YTD		

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.*

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:

Barbo Machinery
Carbide Saw
Emerson Hardwood
Goby Walnut Products
Hardwood Industries
Lumber Products
Rockler Woodworking
Woodcraft
Woodcrafters



AFFILIATES:

Northwest Woodworking Studio

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



Guild of Oregon Woodworkers

c/o Bob Oswald
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Gaston, OR 97119

We're on the Web!

www.GuildOfOregonWoodworkers.com