

OREGON WOOD WORKS

THE EDITOR'S INSIGHT
Season of Color

Fall is in the air. It should be since it is officially on the calendar. We have had a glorious summer and I think the colorful season of Autumn will not disappoint us either.

The good news is that the poison oak is going dormant, it's bright red leaves signifying its journey into hibernation. The Madrones in my back yard are as green as ever. Remember that they lose their leaves in the summer by pushing them out one by one. That tree is amazing. It is always green. I've harvested a couple of pieces from limbs removed over the barn. The interior is typically beautiful. Bright red/orange and it stays that way, unlike Paduk whose brilliant orange new cut color turns a muddy brown.

And it's a time of year to start back into the shop. My first task is to sweep the floor. Sadly I don't do it ever night when I'm finished. I like to make it worth the effort.

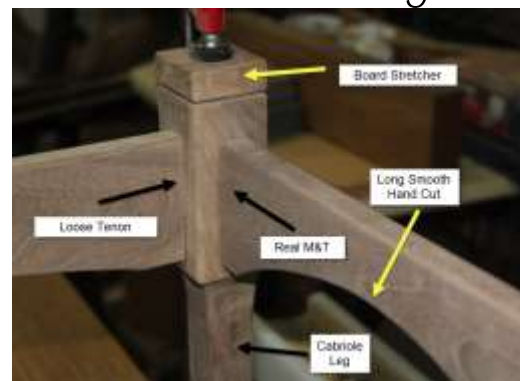
The coffee table in this article is the first project after a
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Nearly Perfect Project *An Irrefutable Law of Woodworking*

It's been a long summer, and it's finally time for another project. A coffee table base for a beautiful piece of glass in the living room. Last month started the project with the board stretcher. A new design leads to three things I'd never done before

- Real mortise and tenon joinery
- Cabriole-style legs
- Long bandsaw cuts really close to the line on project stock

For all my years of woodworking I have never used 'real' mortise and tenon joinery. Discovering the loose tenon years ago, it quickly became the default joinery. Many pieces of furniture adorn my and other homes, made with loose tenons. You can't tell the difference when it's all done, right? Right!



Why this time? Because I bought a mortising machine from a Guild friend a number of months ago, because I didn't have one. I'll use it someday. I can now honestly say that I'm looking forward to the next opportunity to use it. Success

(Continued on page 4)

NEXT PROGRAM — THURSDAY OCTOBER 13 2016 7:00PM

PROGRAM FOCUS ON FORTUNE

Guild Workshop, 7634 SW 34th Avenue, Portland, OR.

You know how it is when you miss something really valuable. Afterwards, you say to yourself, "Darn (*^%#*), I wish I hadn't missed that"! Well, for those of us that missed Michael Fortune last year, we have another chance. For those of us who did dip our spoons into the sugar, we have the chance to do it again.

He will be our guest International Master in October. He will not only be holding classes while here (more on that in a moment) but will also be our program for our Program Meeting on October 13. How is that for two months in a row: Michael Dresdner and now Michael Fortune!

Michael Fortune is an internationally renowned and frequent contributor to Fine



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From the west, Allen becomes Garden Home and then becomes Multnomah Blvd.

From the East, off I5/Barbur Blvd, head West on Multnomah Blvd. Then:

To locate the shop, turn uphill, North, on 35th Avenue. At the stop sign, turn right, go one block, turn left. Go over the crest of the hill and as you start down, the shop is in the little center on the right. Drive downhill to the Multnomah Art Center to park and walk back. Park in both front and back of the Art Center depending on construction.

BUYING POWER TOOLS

ROGER CROOKS, PRESIDENT

Over the last few weeks I've talked to number of people about buying new equipment (must be the Fall air). Since I just bought a new bandsaw and am thinking about a new lathe, it seemed a good topic this month.

My first advice applies to any hobby or passion – be it golf, cycling or woodworking. Generally, the first questions most people ask “What do you want to do and what is your budget?”. However, the better question is “Where are you in this hobby?”. If you are just starting out in woodworking (beginners are a significant percentage of our membership) you really don't know if you will stick with it or more likely, know what type of woodworking you will want to focus on. Furniture making has different tool needs than turning, carving can be anything from a chainsaw to high-speed power carving tools or just hand tools. With the Guild, you have the opportunity to try out most of these areas and tools.

My advice is to budget enough to buy a decent tool that will get the job done. If you go too cheap, the performance of the tool may turn you off on woodworking. It can be frustrating using an underpowered tool or one that is hard to setup or complicated to use. Same for hand tools, planes or chisels that are hard to use or made of steel that does not hold an edge will frustrate you to no end. And then there are a minority with no budget issues and go out and by the top of the line tools and then a year later, decide golfing is a better use of their time.

My advice is to stick with a named brand that offers a range of models from low to high. It is best to buy a lower-end model from a vendor who has a wide range of models than buy the same priced model which is the top of a vendor's line. It is important to understand that as you advance in woodworking your needs or desires will drive you to buy a more advanced model. You will eventually end up with some high-end tools that you use all the time in your area of focus and other lower-end tools that you just use occasionally. The key here is you will not know which is which until you have more experience. Elicit advice from other Guild members through our Forum section on the website. There are a ton of reviews on-line but stick with reviews from the woodworking magazines rather than those that just display the vendor's press release. The



Roger Crooks,
President

model that they tag as “Best Value” is often the one I look at first.

My first lathe was a Rockler on-sale for about \$250. I had never turned before and had no idea if I would like turning. It was good but I quickly advanced beyond its ability. I then bought a \$600 Delta. It did 75% of what I want to do today and I still have it as a backup. It was about this time I decided turning would be my focus. My current lathe is a Nova DVR at \$1,500 (used) and it does everything I want. My next (and last) lathe could be a model that is between \$4000 and \$8000 – why – just because. The same story can be said for table saws, bandsaw, hand planes, golf clubs, bikes, etc. As your skills improve, you know what you want out of a tool; accuracy is more critical, ease-of-use such as changing blades or setting up become more important, maybe more power is needed, and the availability of accessories to expand what it can do is of more interest.

The Guild shop provides a great opportunity to use good tools and understand what features are important to you. Once you know what features are “critical” and what features are “nice-to-have”, then you can look at your budget and make a knowledgeable decision of what to buy. Who knows, you may find a new table saw under the tree this year.

WELCOME NEW MEMBERS

BOB OSWALD

Welcome to our newest members (33) in chronological order. We're happy to have you with us and hope you'll make a regular appearance at the monthly programs. Say hello at the next meeting so we can get to know you.

Get your feet wet. Try your hand volunteering at just one event this month. See “Free Woodworking” on page 7.

Laura Susan McNerney, Joseph Johnpoll, Prashant Dewan, William Lively, Corey Guerrant, Chris Hazard, Russ Little, Sergey Grebelsnik, Elena Grebelsnik, Roman Grebelsnik, Brady Canfield, Patrick Theofanis, Ruth Warbington, Ben Anderman, Melissa Dragich, Nino Gomes, Charles Gripp, Derek Lee, Aleson Macfarlane, Dennis Brown, Celeste Fuechsel, Doug Turley, Dave Olson, Lynette Podkranic, Mike Podkranic, Gathel Weston, Don Johnson, Theodore Smith, Zachary Hartman, Michael Winters, Douglas Carr, Andrea McKeever and Micah Elliott

OCTOBER PROGRAM

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Woodworking magazine. He is particularly known for:

- ♦ Design... he rarely uses straight lines in his work;
- ♦ Bandsaw work a favorite weapon of choice;
- ♦ Woodforming ... if you can bend a piece of paper in a smooth curve, you can learn to bend wood to shape;
- ♦ Milling and drying lumber ... he operates his own mill
- ♦ Building emerging economies through woodworking.

He began his career as a furniture maker in the 1970's and during his career has won the Furniture Society's Award of Distinction and Canada's highest honor for crafts, the Saidye Bronfman Award. For our October 13 meeting he will talk about that career: how it began, how it evolved and what he has learned as keys for woodworking. In addition, Michael has been involved in developing furniture manufacturing enterprises in third world countries and will share information on those experiences.

Additionally, check out the Guild website for classes that Michael will be holding while here on Chair Design and Construction; Make a Waterfall Edge Ta-

ble; Make a Formed Wood Mirror; and his well-known Bandsaw Clinic. Michael's trip to the Guild last year was very successful and we are truly Fortun(e)-ate to have him returning.

Come to our Program Meeting on October 13 at the Guild Shop with social time at 6:30pm and a 7:00pm meeting. As always, we will have our raffle and Show and Tell. Bring those Show and Tell items so that others can share in your experience.





WOODCRAFTERS

FALL
Sales
EVENT

October 8th - 15th

FESTOOL
LAGUNA






Factory representatives will be on hand both Saturdays to answer your questions. Woodturner Fred Kline will be in house demonstrating on the new Laguna 18-36 lathe. Festool's new HK55 track saw will be available for demonstration.

DISCOUNTS THROUGHOUT THE STORE
FREE HOT DOGS, CHIPS & SODA ON SATURDAYS

NEARLY PERFECT PROJECT

BOB OSWALD

(Continued from page 1)

with these mortises, perhaps beginners luck, resulted from patience. Take the time to calibrate it well, squaring the chisel, setting the stops very accurately. It makes a difference.



Cutting the tenons was done with a dado blade. Taking the time to sneak up on the tenon cheeks, a few thousandths at a time produced seven firm-press fits. The first was 1/64" loose and would not hold itself. If that's my only mistake, I'll call it the perfect project.

Long Sweeping Cuts

A favorite way to make arched components like table aprons is to make a template using the bandsaw. Sand it smooth and double-tape it to each board. Then rough saw the board on the bandsaw and flush trim it on the router table. It works very well, taking care with the router on the up-grain side of the cut. But with only two aprons to make, it was not worth the effort. So I hand cut the real wood very close to the line. For me this has been a long time challenge to do well. Following a black pencil line on black walnut is a great challenge for aging eyes. Two tips: use a bright light in the right position to highlight the line and go slow. Four cuts made by going slowly needed very little sanding. I'm delighted. Perfect project so far.

Cabriole Style Legs

Two bandsaw cuts on adjacent faces. It's not difficult, especially with the Long Sweeping Cuts practice earlier. The primary secret is after the first cut is made, tape the offcut back in place to make the cut on the adjacent face. I've seen it done many times (taking a class). This time I did it (making sawdust). I'll admit that the fourth one was easier and took less sanding than the first one.

With no pattern to follow (hazards of original design) the artistic self drew a curve. Making a test leg proved it to look good. Making the cuts on the real piece presented the same risk as the long cuts above. Little room for errors. Eight cuts to make begged of the flush trim router approach, but the three-dimensional nature made that not an option. Carefully making all cuts close to the line would be required. A light trip across the spindle sander made them perfect. I've never been so happy. Perfect project, so far.



Final round-over cuts on all edges and final sanding. I have a table kit lying in front of me.

A table is really a pretty simple project when you look at how few pieces you have to make. Four legs, four aprons, a top. But when you twist it into different styles, inlays, rabbets and glass, cabriole, etc the simple fades into lots of opportunity to get at least ONE thing wrong. Like a rabbet on the outside of one piece, or a miter that doesn't close. The list goes on.

Assembly time.

A dry fit on the flat top of table saw, was absolutely perfect. Mortises are tight, it's square and level. Brush a bit of glue into the mortises, remember that if you put much on the tenon, it will wipe off as you insert it and run down the leg. Perfect. Clamps to pull it tight and square. Nearly.

And then fate lent a hand

Next morning when the clamps came off, the table had a terrible twist, held flat yesterday by the weight of the clamps. One joint was open 1/8" and another half open at the top. How did I miss that!

Let it sit for a few days,; time to think. Both open joints were on the same stretcher. Recovery required

NEARLY PERFECT PROJECT,

(Continued from page 4)

sawing the joints apart with a flush trim saw, cleanup the ends, and repair with a loose tenon.

Again, as fate would have it, after the stretcher was



freed from the table, two other joints came apart! A little to sparing with the glue. And ironically, when the mortise was cut into one of the sawed off tenons, the tenon came out of the mortise. Good grief. I probably could have knocked the whole thing apart and reglued it.

With a rubber malle, I did manage to break all but one of the remaining joints apart. A testament to being too conservative with the glue

A second chance to reassemble this table wit, this



time a watchful eye to all of the joints, it finished just fine. And the real vs loose tenons, obviously you can't tell the difference.

Nearly perfect project, with the usual amount of learning caused by a lapse of attention.

The finish is a wipe-off oil based varnish, seven coats, is smooth as silk.

ELECTIONS, YOUR TURN

BOARD OF DIRECTORS

The 2016 officer list is shown below. These people have not yet been polled to see if they would serve another year. But a couple of folks have announced the desire to move to other Guild functions.

A slate of officers for 2017 will be announced in the October newsletter, to be voted by the general membership in the November meeting.

If you would like to help influence the direction of the Guild do send a note with an area of interest to president Roger Crooks (How do I do that? Read a related column in this newsletter).

THE 2016 BOARD MEMBERS

BOARD OF DIRECTORS

The Board of Directors for 2016 was approved by popular vote at the November general meeting. Thank you very much to fourteen hard working people (and many more on various committees) who give their time to lead Guild operations.

Officers:

President – Roger Crooks
 Vice President – Alexander Anderson
 Treasurer – Travis Hays, Elaine Saunders
 Secretary – Steve Poland

Committee Chairs:

Membership – Keith Williams
 Education – Chip Webster
 Programs – Gary Weeber
 Operations – Ray Curtis
 Communications – Bob Oswald
 Community Projects – Tim Moore
 Shows - Vacant
 Sponsors – Bob O'Connor
 Prof Membership at Large – Bill Bolstad
 General Member at Large – Norm Baird

HOW DO I CONTACT A MEMBER?

BOB OSWALD

There is a lot of information on the website. Admittedly, it's a bit hard to find some things easily unless you 1) designed it or 2) spend more time than one should scrolling around.

As a member you already have the tools to reach an officer, a board member, or any other member of the Guild. You must be logged in as a member.

Then look under "Membership >> Members Only >> Current Member Directory". If you don't know who an officer is, look under "About Us >> Officers and Roles >> Board of Directors".

UPCOMING CLASSES

NORM BAIRD

Advanced Finishing Techniques Workshop with Michael Dresdner

Sep 30-Oct 2, 9-5, \$555

Class Coordinator: Jeff Zens

Once you've mastered simple finishes you can move on to the tools that give you even more control over the appearance of both the wood and the coating. Spend 3 days to learn adding dramatic colors, making inexpensive wood look more upscale, or building a complex layered or filled pore finish.

Table Saws & Other Power Saws with Frank LaRoque

Oct 8, 9-5, \$150 (carpool \$135)

Frank's shop in The Dalles

Class Coordinator: Leslie Cantor

The table saw is probably most used tool in a shop and can do much more than just rip boards and make lots of sawdust. Frank will show you how to use the saw correctly and provide great information about blade choice, dado and moulding cutters and much more. He will build a crosscut sled, so that you can learn how easily it's done.

Make Formed Wood Hand Mirrors with Michael Fortune

Oct 8-9, 9-5, \$365

Class Coordinator: Jim Spitzer

Anyone thinking of making nice gifts for family will want to take advantage of this great opportunity. This 2 day workshop makes use of the steam bending tools we constructed last year. Each student will leave with two mirrors.

Make a Waterfall Edge Table with Michael Fortune

Oct 14-16, 9-6, \$690

Class Coordinator: Julie Niemeyer

This workshop focuses on making a demi-lune table top or shelf with a waterfall edge detail. Participants will leave with a table top or shelf ready for final finishing and if our schedule allows we will design the wall bracket or legs.

Chasing the Elusive Burr: Sharpening your Card Scrapers with Jeff Zens

Oct 18, 5-9, \$60

Class Coordinator: Bob Sokolow

A card scraper can be a wonderful addition to your woodworking arsenal, or it can frustrate you beyond belief. Not surprisingly, getting the most from this tool comes from careful preparation. Learn how to reduce your sanding time by at least half.

Bench Tools Sharpening Clinic with Jeff Zens

Oct 29, 9-5, \$120

Class Coordinator: Kimberly Grommes

Knowing how-and when- to sharpen your cutting tools is a gateway skill, a "must have" for every woodworker who aspires to do fine work. At the end of this hands on workshop, you'll go home with the knowledge necessary to get all your edges into top condition and keep them working for you.

Tiny House with Eddee Edson

Nov 9, 6-9, \$45

Class Coordinator: TBD

Eddee just completed a big project- the "Tiny House" and is living in it. We will talk about designing and executing designs, and the tools needed to build your own Tiny House.

Spokeshave with Norm Baird

Nov 15, 6-9, \$65

Catlin Gable Woodshop

Class Coordinator: Ric Fry

This class is an introduction to buying, tuning, and using spokeshaves, a central element of chair construction. Students will have opportunities to use several different shaves, of different designs and features, and from different makers.

Making a Traditional Ladderback Chair with Norm Baird

Nov 19-Jan 7, 9-5, \$882

Catlin Gable Woodshop

Class Coordinator: Ric Fry

The class will start with green logs of Oregon white oak.

Each student will use traditional tools to make parts and assemble a Greenwood, or Ladderback, chair. Weave the seat, and take home a comfortable chair.

Drawing Your Woodworking Project with Frank LaRoque

Nov 26, 9-5, \$120 (\$108 carpool)

Frank's shop in The Dalles

Class Coordinator: Bob Sokolow

Drawing is an essential step in visualizing and documenting design concepts, dimensions and details. You will learn drawing and drafting techniques along with tips to make drawing fun and effective rather than a dreaded hurdle between you and your workbench.

Build a Tool Tote- Beginner's Class with Gig Lewis and other instructors

Nov 29-Dec 13, different times, \$175

Class Coordinator: Gig Lewis

Come and learn some basic information about Joinery, and the use of Routers, Bandsaw, Table Saw, Glue-ups, and a little bit about Design. During the 4 sessions of this class you will end up making a Tool Tote with Box Joints on the corners and use a Dado to hold the bottom of the Tool Tote.

See the Guild website for registration and more details. Contact the Class Coordinator with questions.

AFFILIATE UPCOMING CLASSES

Oregon College of Art and Craft

Bandsaw-Style Figured Box

Dec 10-11

Instructor: Jennifer Jackson

Northwest Woodworking Studio

Compleat Novice Too

Oct 13-Dec 22

Instructor: Jamie Zartler

FREE WOODWORKING TRAINING

A VARIETY OF SOURCES

I get frequent requests about joining the Guild if someone can get into a particular class. A big part of me rebels because there are many, many ways to learn about woodworking in the Guild besides taking a particular class. My first mantra is that you learn by making sawdust, not by reading books or sitting in a class. Until you get your hands wrapped around a tool, and make real world mistakes, the lessons don't stick.

I am working to make these Guild opportunities more visible on the website. Today they are not. You can get free hands-on time in the shop. No Green Card, no prior experience necessary. Simply volunteer in one of several open shop project opportunities. They are listed below for the current season. They change over time so it's hard to have a solid website presence that I can keep up to date.

Meanwhile, if you are a member, drop by the shop one of these times. Meet some experienced members, learn from them, help the Guild and the community, and help yourself to learn.

- ◆ Product Build: Wednesdays 1-5
- ◆ Christmas Toys: Fridays 1-5
- ◆ Maintenance Night: first and third Thursday
- ◆ Beginners SIG - Third Wednesday
- ◆ Community Projects: Sundays 1-5

Thanksgiving and Christmas always affect that normal schedule. Keep an eye on the website and the newsletter to avoid a wasted trip to the shop.

The SIG does not meet in December or over the summer months. Watch the newsletter each month for the next announcement. The regular date will change in January when the normal Guild program meeting changes to the third Tuesday.

Toys will end early December. Something else may fill that Friday time slot.



The Alamo ~a September vacation trip

BEGINNERS SIG UPDATE

LARRY WADE

The next monthly meeting (open to everyone) is Wednesday 19th, with a focus on USING COMMON HANDPLANES. The program is led by Eric Lewis and will focus on the how to use aspects of planes. There will be some opportunity for hands-on. The program is 7:00- 9:00 at the Guild shop, with networking time at 6:30.

The September meeting focused on cutting dovetails by hand, with demonstrations by Guild members Rob Artman and Tim Moore. Rob has gravitated to using the David Barron sawing aid to improve accuracy. He explained his marking, sawing and chiseling practices and provided opportunities for Q&A.



Rob Artman

Tim Moore explained the same steps that he uses, talked about his experience with different saws and had additional Q&A. There was some time for hands-on towards the end.



Tim Moore

WE HAVE A NEW HOME

GARY WEEBER

Relax. The Guild Shop is not moving anywhere. We do have a major location change happening however. Beginning in January 2017 we will be holding our monthly program meetings in the auditorium of the Multnomah Arts Center in Multnomah Village.

This new venue is going to provide us with great enhancements for our meetings. No longer will we be cuddling up to joiners, table saws, planers and sanders (including head knocking, shin bashing and impaired views). The auditorium will seat at least 300 people, includes a stage and has some topnotch audio and video equipment. As for the old folding chairs we have been using...well, you will have to adjust to cushioned chairs.

Parking will be exemplary since members will be able to park anywhere in the large MAC lot. The auditorium is also being remodeled with new oak flooring currently being installed (see picture).



MONTHLY MEETING DAY CHANGE: In order to secure this new venue, we had to commit to moving our regular monthly meeting day. So, starting in January, we will begin meeting on the third TUESDAY of every month. Some may remember that we used to meet on Tuesday evenings when we met at Franklin High School. That means our January meeting will occur at the regular time on Tuesday, January 17.

A new year. A new program meeting home. A couple more things to look forward to!

EDITORIAL..

(Continued from page 1)
long summer doing other things. As you will read, it started out as the most perfect project I have ever done. And it became yet another learning experience.

Speaking of the season of color, and changing the subject, how about crimson, the color of blood. I learned about three blood drawing incidents this month. Fortunately all turned out ok, *more or less*. I never cease to be amazed at the apparent lack



THOUGHTS ON THE GUILD SHOP

JOHN SHERIDAN

At last week's shop attendant meeting, the discussion turned to a perennial question for the Guild in the year that I have been here: "Why is there so little shop use by the more than 600 members?" I am not sure that I have any definitive answers. My one class taught within the Guild could have been better attended.

The shop attendants are trained, competent technicians but they are not originating designer/makers. In the meeting, the only suggestion was a class to hand cut dovetails. Nice, but like *Fine Woodworking* magazine, with hundreds of articles covering the same subject over decades, it is not a vision of an exciting program offering members an opportunity to express competency with imagination and creativity.

From my experience, and I started from an apprenticeship and a table saw without a fence, we clamped a board to the top, it is necessary to encourage technique and curiosity. You have to let the members know that the Guild welcomes experimentation and depth.

The shop has to be a place that is REALLY open during open shop times with presentations, critiques and discussions of work being done. It should be available for a low price.

Is the visiting woodworker program successful? Cost effective? Well attended? Michael Dresdner seemed inspired. I am sorry that I missed the program but I bought his book. Michael Fortune is a huge presence and the class was popular.

What are the Guild classes trying to do? Are they designed to feed people into the shop? Are the instructors inspired? Is there a different model for classes that we should know about? Today they are based more on technique than creativity. For comparison check the Center for Furniture Craftsmanship, the Marc Adams School, Anderson Ranch Arts Center and Penland School for how they offer wood-working.

My classes at my shop and the Academy of Art had their problems but were intended to build a foundation of understanding that allowed for more advanced work with beginners who had a desire to experiment. Does the Guild attract that kind of maker? Do people continue? Are the right students being attracted?

I am proposing classes with a focus on laminating and the ancient mortise and tenon and the Festool cutter to encourage "new" work and the use of the shop.

I think that we are not getting to where you hope to go. Let us know.

of self preservation around sharp moving objects. In all cases, once the power switch was off, the operators went about other business while the blade was still turning. I observed it time and again when I taught evening shop for PCC. It chills me to the bone. I can proudly say and hope to never regret my words, that as long as the blade is moving, I NEVER take my eyes off it and I NEVER put my hands near it. It seems so obvious to me. Why do people do it?

Never take your eyes off the blade when it is moving. And don't be in a hurry to clean up.

They can all hurt you, the bandsaw, disk sander, table saw, router, drill press, miter saw, mortising chisel, jointer, planer, chain saw, lawn mower —floor, bench and hand tools alike.

SAFETY IN THE SHOP

KEN HALL

A team of Guild members was working on the SawStop to rip a production run of 7mm x 7mm stock for chopstick blanks, and they had an incident that caused the cartridge in the SawStop to fire.

One person was ripping the 7mm thick first cuts into the final 7mm x 7mm size with the blade set about 1/2" above the table and 7mm from the fence using the magswitch feather board and wooden push stick for safe completion of the job. After a long session of ripping this small stock, the user finished putting all the stock through for the last rip cuts and turned off the saw. But, the user failed to wait until the blade was completely stopped and the SawStop cartridge was no longer active before clearing the last of the scraps from the table. He reached across the fence with his right hand to remove something and touched the blade which may have still been moving slowly or possibly had stopped. It happened so fast and so quietly that the person didn't even know it happened. A quick check of the blade showed that the blade would not turn. The user was very surprised that the SawStop cartridge had triggered and discovered that he had a small cut on his thumb.

Then came the process of figuring out how to remove the blade and triggered cartridge. Although several of the people there had seen this demonstrated by a SawStop presenter at Woodcraft Supply or by another Guild member, no one really knew how to remove the blade and cartridge. With the help of the others there, the blade wrenches and the SawStop instruction book were located, and the user went to work removing the blade. The blade nut and the cartridge locking pin were

removed, but they could not even wiggle the blade and cartridge. It took two people working together to pry the blade and cartridge off using the two wrenches. When the cartridge and blade finally were wiggled off, the blade separated from the cartridge, and we could not see any visible damage to the teeth. Possibly the cartridge and blade were jammed more because the teeth of the blade were not embedded into the cartridge as deeply as with a firing under power. The upside of the event was that the slow speed of the blade turning must have stopped the blade from fully embedding in the cartridge.

The lessons learned here are:

1. Always wait until the blade completely stops before getting anywhere near it. Even a slow moving blade will fire the cartridge even if it is moving so slowly you can stop the blade with your finger.
2. When you have completed a long, repetitive task, stop and rest a moment before changing the setup for the next task. Don't rush. You can make a stupid mistake.
3. Every user of the SawStop needs to know where to find the tools and instructions necessary to replace the cartridge. If you do trigger the cartridge, you are so shocked that you can't think straight and need others to assist you to put things back together. We all need to train other users about the equipment they are using, even going over procedures like replacing the SawStop cartridges that seem like rare events.
4. The SawStop does prevent real injury.

WANDERING THE WEBSITE

BOB OSWALD

Wood Usage in the Shop

A new addition to the operating guidelines for the shop has been added. The board approved procedures for using green and recycled woods. It's a rather lengthy article but hopefully some part of it will address your specific questions.

Guild Shop >> Shop Use Guidelines

Broken Recourses Links

There are quite a number of hopefully useful links in the section of the website under "Woodworking Resources". Much of it is fairly old although still relevant. I moved it from our original website. Occasionally I get a note about a broken link.

On a lucky day the sender will tell me the new link. If you find something broken, or have a suggestion for a new link, or a suggesting to remove something obso-

lete, please email me. It helps a lot if you include what section the link is in with a copy of the old and new link

GuildBob2011@gmail.com

New Members—About Emails

With so many new members every month, it's hard to keep the new folks educated on things about the website. You will be getting occasional emails from different departments. For example, I send out "odd job" requests to anyone on that mail list.

When you join you are automatically on all mail lists. You can pick and choose during joining or any other time. After you log in, click the VIEW PROFILE near the login box. From there you should be able to find your way to edit the mail lists. DO NOT UNSUBSCRIBE or you will never get any emails, including he newsletter.

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

- Monthly programs
- Monthly newsletter
- An education program to help members develop woodworking skills
- Sponsor discounts
- Woodworking shows
- Network of business partners.
- A woodworking shop with space to rent
- A network of friends

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

GUILD OF OREGON WOODWORKERS

10190 SW Washington St., Portland, OR 97225

CLASSES, SEMINARS, DEMOS, AND SUCH

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

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

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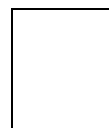
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Guild of Oregon Woodworkers

c/o Bob Oswald
40639 SW Vandehey Road
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