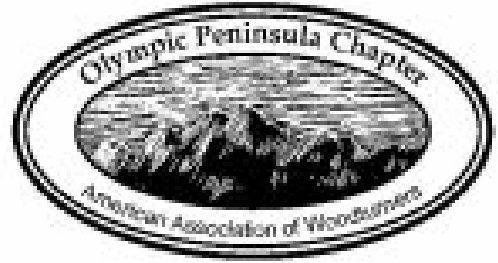




CHATTERMARKS

THE OFFICIAL NEWSLETTER OF THE
OLYMPIC PENINSULA CHAPTER OF THE
AAW

CHAPTER WEB SITE:
<http://www.geocities.com/opaaw>



November 2005 MEETING

When: November 30th, 7 pm

Where: Kitsap Adventist School
5088 NW Taylor Rd. Bremerton, WA.

Demonstrator: Mehrdad Azarpay

Mehrdad is a member of the National AAW in addition to the Seattle and the north Puget Sound chapters. He is also the current president of the Seattle chapter.

Mehrdad has been turning seriously for the past 6 years and selling his creations through the galleries and juried art shows. He believes that making his creations should be unique even if they may be an everyday use. A salad bowl should stand out either by uniqueness of the wood itself and or embellishments by the artist.

Mehrdad will show us how to turn a round bottom bowl using a screw chuck and a chuck with dovetail jaws. He will then show us how he goes about deciding if the piece should be enhanced and how. He will concentrate on the use of the powered rotary tools and burrs.

As always, he welcomes questions and comments.

This Month in Chattermarks

Roger Dunn will share with us some secrets on how NOT to turn a large bowl.

Also, welcome two new advertisers, Maderafina Co., Exotic Hardwoods, from Port Angeles and Edensaw in Port Townsend. Both these advertisers have made generous donations to our Christmas drawing so be sure to thank them when you use their services.

The November meeting date has been changed to the 30th.

I am happy to say that in this month's Chattermarks we have an embarrassment of riches. We have the wrap-up of Norm's dust collecting article, as well as Roger's "how-to" article. In December, we will enjoy an article by Cliff Hall about club meetings at 41°31' S, 174°00' E.

President's Turn

The lucky few who attended the Steve Hatcher hands-on-seminar at Dave and Lu Schweitzer's all learned a lot and had a great time doing it. One of the things we learned is that Steve Hatcher truly is an artist. Thanks to Dave and Lu for providing the venue and for being gracious hosts.

Have any of you noticed lately that whenever you pick up a turning magazine and scan through it there is an article about, or by, and a picture of, none other than Dave Schweitzer? Congratulations to Dave for his article in the latest issue of *Woodturning Design*.

The Nominating Committee has recruited a slate of terrific candidates for this month's election. However we still have three holes to fill before the slate is complete. We need an additional candidate each for President, V.P. Education and Training and V.P. Membership. If you are interested and would like to help out the club, contact Russ Robinette, the Nominating Committee chair at knurl@wavecable.com or 360.871.1308. I will also accept nominations from the floor

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Steve Austin, President



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MENTORING PROGRAM

The mentoring program has been set up to answer questions and give directional help to new members and those whom may be having a problem in a specific area. Although not intended to be free lessons in woodturning (many of those volunteering are professional turners and derive their income from turning and teaching), these are some friendly folks willing to give you a point in the right direction.

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SANDRA A. REESE
President

Wood of the Month

Sugar Maple
(*Acer saccharum*)

by Rick Hurst

Also referred to in the trade as eastern hard maple, if I could have only one wood to turn this one is it. With care it will take an almost mirror like finish right off the tool. I use it to make my tops for the craft fairs, and trust me, it takes a good bit of aggressive tool work without coming undone (i.e. tearing out) which enables me to finish a top, decorated and spray lacquered, in just under 4 minutes (John you're in no danger of having your recorded bested by me).

Oddly enough, I at least, am very sensitive to maple dust so I must wear complete protection even when working with small quantities of the wood and I advise you to do the same.

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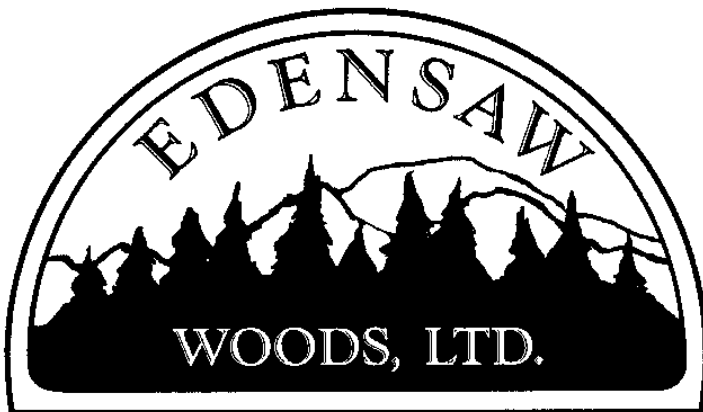
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"Accepting donations to benefit our yearly auction for the American Cancer Society Relay for Life"

Tip

Did you ever wonder of what use are those little Ziploc bags that come with so many of the pen-type kits?

In the past when I applied thin super glue to a pen blank, I use a small piece of paper towel and my bare finger. After I raised a sizeable and painful blister on my index finger I decided to use a disposable nitrile glove. The problem with that solution was that the glove invariable stuck to the paper towel that couldn't be remove without putting a hole in the glove.

Having used an old Ziploc bag in the past to put under a piece of punky wood that I'd saturated with thin super glue so I wouldn't have to chisel it off the workbench; I had an AHA! moment. Why not put one of those little plastic bags over the end of my finger to keep the glue from sticking to my finger.

I've been doing that for several weeks now and it works like a champ. And if things start to get hot it comes off very quickly. Voila!

Rick

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Wood for the Auction Table

I would like to ask that all donations to the auction table this month be of high quality in honor of the Holiday Season. Please make it something that you really want to keep. That way everyone who bids will get a nice piece of wood which will, of course, benefit the club.

Thanks,
Tones

This Year's Slate of Board Candidates

President	Norm Hix
VP of Education and Training	Jimmy Allen Jonathon Spool
VP of Membership	Gary Burdyshaw
VP of Public Relations	Rick Hurst Maxx Pehling
Secretary	Susan Hurst Michael Jones
Sergeant at Arms	Cindy Allen Floyd Walker
Treasurer	Stan Stumbo Ted Ripley

We are still accepting nominations. Contact Russ Robinette, knurl@wavecable.com or 360.871.1308, if you are interested.

How NOT to Turn a Bowl and the Aftermath

by Roger Dunn

Here is how I got my mask (enclosed photos taken 48 hours later) ready for Halloween. I enjoy turning large bowls, In October I roughed out a blank of Horse Chestnut 15 inches diameter by 8 inches tall and left the walls 1 ½ inches thick. I noticed a thin bark inclusion running through the blank almost on dead center, up one side, through the tendon for my chuck and up the other side. It appeared the same width inside and outside.

I soaked the inclusion with thin CA glue several times and was careful not to use accelerator. Then I soaked the blank and a bowl cored from the center overnight, wrapped them per Dave Smith's recommendations, and let them dry three weeks. When I remounted the blank I was amazed that it ran nearly true. Since there was almost no wobble, I didn't bring up the tailstock. My tendon was ¾ inch deep and 4 ½ inches wide. I was using a Nova 5" chuck. The chuck was opened to the maximum and had a good bite. I put on a face shield and dust mask under it because the wood had grown a crop of penicillin in storage.

I took light shearing cuts (fingernail grind bowl gouge) on the outside to clean up the surface. My lathe was at 300 rpm. When I got through I noticed I still had a small amount of tear out. So I reached through the "throw zone" to turn the speed control up to 400 mph. As I was straightening up, I got

whacked "upside the head". I went down to both knees but didn't lose consciousness. I got the lathe turned off and noticed my head felt bigger than I remember so putting my left hand to my left temple I felt ½ of a softball on my head and went inside to a mirror to assess the damage.

I drove myself to Group Death in Silverdale and an ambulance took me to Harrison for a CT scan. Luckily, it was a glancing blow and the shattering face shield absorbed enough of the impact that I wasn't made into a carrot or a corpse. No skull fracture, no concussion, no loss of consciousness, no vomiting, and only a small loss of blood from the 'road rash' kind of wound.





The photos were taken 48 hours later. They don't show my softball sized knot as big as it was. The bruising and settling of the blood closed my eye for two days, my face, and neck took on the look of post mortem lividity. Unless you want to have a mask like this, here are some of the things I did wrong due to impatience, cockiness and stupidity. Please learn from my foolishness.

1. The bark inclusion separated neatly because the CA that I thought had saturated it and made it as sound as new, had only seeped in about ¼ inch both inside and outside.
2. The denatured alcohol soak may have weakened the bond but I've used CA glue blocks and soaked in denatured alcohol for a year without any joint failures so I tend to discount this as a major goof.
3. I cut away a lot of the CA glue joint when I was truing up the outside, thereby weakening the joint. It is kinda' like sitting on the limb you are sawing off.
4. I didn't have the tailstock in place inside the bowl for safety.
5. The tenon for my chuck should have been longer and narrower, where there could have been more surface to grab.
6. I shouldn't have reached into the "throw zone" with the piece spinning and turn up the speed.
7. The acetate face shield was too light. I've replaced it with a polycarbonate one but even that isn't sufficient to stop a

- dismounting blank if to get smacked in the center or square into the side of your face.
8. I shouldn't have been turning something that big with a bark inclusion running all the way through it. I disregarded Dave Schweitzer's admonishment to never turn large pieces of unstable wood.
9. The speed was too high.
10. I was in a hurry to get another bowl ready for a craft show the following week.

With a chagrined look that has taken on a peculiar greenish, yellow pallor,

Roger Dunn

(Ed. Note: OUCH!, OUCH!, OUCH!, OUCH!, OUCH!)

Christmas Is Coming

Don't forget to schedule the Olympic Woodturner's Christmas Party on your calendar for December 14th at 6:00. Roger Dunn needs a hand count of members and family attending so that he can purchase an appropriate amount of food. Members with last name starting with A – L please bring deserts. Members with last name starting with M – Z please bring hors d'oeuvres. We have wonderful sponsors that have donated some great items for our raffle table. I now you all have been trying to get those points built up over 2005 so that you can have a good chance to win something.

Members that have items to donate to the auction or any items for Christmas table setup, please bring them to this meeting and pass them on to Roger Dunn so he will know what has to be purchased. Anyone wishing to help with setup please arrive about 5:00 P.M. on December 14th. Roger and I can use all the help we can get.

Susan Hurst

Dust Collection Part II, by Norm Hix

Adaptation: Each machine needs one or two connections. Some machines come already set up for collection, but many are woefully inadequate. My oscillating spindle sander and drum sander were good and all I had to do was hook up ducts. Conversely, my 6x48 belt sander (Figure 3), capable of making more dust than almost any machine in the shop, needed a custom made shroud. As you can see from the pictures below, none of these adapters are very fancy. When I was making them, it was my plan to rebuild them after I had a prototype that worked, but I never seem to find the time.



Figure 3

For my lathe I provided two outlets. One goes to a 4" duct that has two 1" diameter super magnets (Figure 4) so it can be attached in a variety of positions.

Across the end of that duct, I strung a wire grid that keeps sandpaper, bottle stoppers, etc. from going down the duct. The second outlet (Figure 5) is used with a smaller hose for vacuuming out hollow forms, connecting a sander for dust pick up, or even for use with a "clean turn" gouge.



Figure 4

For my table mounted router (Figure 6), I built a box that pulls air in a down draft around the bit. Leading from the box is a gated 2-1/4" hose connection. This is for the dust pick-up on my router fence.



Figure 1

On my table saw, I built a box that surrounds the motor, thereby closing the open back of the cabinet. A 4" duct attaches to the bottom of the box, directly under the motor. A 2-1/4" tee in this duct is connected to the factory shroud on the bottom of the saw cabinet. I use magnetic sheet stock to close the holes around the cranks and angle pointer so that more air is pulled around the blade. I also drilled holes in the blade insert to increase flow in that area.

My bandsaw (Figure 7) has a factory installed pick up close to the blade, which doesn't do much. I added a port in the lower wheel cover. In retrospect, I think this port should be 4" rather than 2-1/4". The band saw is the last machine on my main collector branch. It doesn't

have quite as much suction as I'd like, so I use a shop-vac connected to the factory pick-up, rather than teeing off of the collector duct.



Figure 2

The radial arm saw required a simple catcher behind the blade, and a rubber elbow on the blade shroud that directs the dust stream from the blade back into the catcher.

Finally, besides adapting machines for pick-up, you can make a simple downdraft box to use when sanding, or carving at the workbench.

Cleaning the air

Regardless of the success of your collection system, some dust will escape. That dust becomes a problem when you want to clean up or when you are finishing. A ceiling mounted air-cleaner is the answer to this situation. When I sweep, blow dust around with an air compressor, empty my collector, or am finishing, I run the air cleaner. Usually, I just turn it on and leave the shop for a couple of hours. I don't like the low pitched noise or the draft it creates. Mine doesn't have a timer, but that

would be a nice feature. I have mine wire to a switched outlet, but the new ones come with a remote.

Breathing protection: For many years I told myself that my combination of dust collector, air-cleaner, and full face shield were adequate breathing protection despite an occasional stuffy nose after wood working. Occasionally, I'd wear a dust mask if it was a wood like cedar, but I always found them such a nuisance that I didn't use them regularly. The error of my ways was revealed when I had my first "asthma" attack. Very scary!! It was then an easy decision to add breathing protection to my tool kit. The two choices were either a Trend or a Triton. I chose the Triton. It has a hard hat, hard mask, and hearing protection. The Triton is much like the set-up I wore before, so I was comfortable with it. On it, the motor and filter are on a belt, and connected to the helmet with a hose. All this is a bit inconvenient to put on. However, because I tend to put it on, and keep it on, it's acceptable. The Trend helmet puts more weight and vibration on your head, but it is much easier to put on and take off. If you are in and out of your mask, you may find the Trend a better choice.



Figure 3

I hope you find this useful. If you have questions, just ask. Norm Hix