



The Burl

Member Chapter

A monthly newsletter for the
Willamette Valley Woodturners

Volume 20, Issue 2

www.WillametteValleyWoodturners.com

February, 2016

Next Meeting

Thursday, **February 11, 2016**

LET THE CHIPS FLY

I hope this second month of 2016 finds all club members and their families doing well. Neva and I started off the new year visiting friends and relatives. Because of a variety of illnesses and accidents among our friends, we were very glad that we started the year off slowly. Now in February it is time to get busy again.

We are back to the good ole wet Oregon that I was glad to see in 1971 when I settled here from South Louisiana. The wet weather may not be welcome by all, but it provides trees for Woodturners to enjoy.

We had an inspiring demo in January, presented by one of our own. Tom Huhn had worked with wood, building cabinets and such. When a disease took his sight, he could have just given up. Instead he got a lathe and with encouragement from a blind woodturners group and pure determination he taught himself how to turn. Seeing the wood spinning on a lathe is something we sighted turners have taken for granted. I salute Tom for what he has been able to do and for the great demo.

We kicked off our version of the "bring back" raffle which is based on a Tucson club activity; brought to us by Walther Thies.

A member of the month hasn't been selected for several years. To kick off this recognition, there are four members who have gone above and beyond in their efforts to impart their knowledge and experience to young people wishing to learn the craft. They are **Bill Hill, Dick Powell, Walter Thies and Terry Gerros**. They all deserve our recognition.

I am sure there are many others who have done amazing things that we are not aware of. If you know of someone that should be recognized, please contact me with their name.

Our board also agreed to sell off many of the VHS demo tapes at \$2.00 each with the proceeds going toward purchasing more current materials for the club library of rentals.

Since there are still some people who haven't paid their 2016 dues it is worth the reminder that the library rental is for paid members use.

Please enjoy the many perks and camaraderie that comes with being a member of Willamette Valley Woodturner

Bob Hutchinson, President WVV

Current & Upcoming Events by Terry Gerros

February 11th Demonstrator: Ashley Harwood, South Carolina

Fine Finials

Bio:

Ashley Harwood currently lives in Charleston, SC, where she sells her work and demonstrates woodturning weekly at the Charleston Farmer's Market. She teaches woodturning at her studio in Charleston and has demonstrated in a number of professional venues throughout the US and abroad, as far away as Australia. She received a BFA from Carnegie Mellon with a focus in sculpture and installation, and her design aesthetic is heavily influenced by her background in glassblowing. Ashley's works are completed entirely on the lathe, without carving, texturing, or burning. She uses simple, classic forms along with distinctive design elements that result in an approachable body of work with a high level of craftsmanship. Primarily, she makes utilitarian bowls, ornaments, and jewelry. Her teaching has a strong focus on tool control and sharpening.

Ashley's evening demo will be on turning fine finials, followed by a one day finial class (Friday) and a two day, combined finial and bowl class (Saturday/Sunday).



FINE SPINDLE TURNING DEMO

"For this demonstration, I will show how I turn and assemble a sea urchin ornament with a fine ebony spindle. I begin by demonstrating all of the fundamental cuts of spindle turning on a larger piece of wood. I break down the actions of each hand and the way that my tool cuts in order to achieve a finish ready for 180 grit straight off of the tool. Next, I turn a fine ebony spindle using a half inch bowl gouge, a 1/4 inch detail gouge, and a vortex tool." - Ashley



March 10th Demonstrator: Dan Tilden, Ashland, OR

Topic TBD

Bio: Fine woodworking is my passion. Using the natural features from the tree, I turn hollow vessels, pots, and bowls on a wood lathe to create an elegant shape while keeping the piece in the most natural state possible. Using a natural edge opening, drying wet wood to warp and move, and using a knot or void in the shape adds character to the piece and lets the piece "speak for itself". What some woodworkers may consider a flaw in the wood, I use to my advantage.

Apr 14 Demonstrator: Walter Thies

May 12 Demonstrator: Lloyd Johnson - Segmented work

Jun 9 Demonstrator: Phil Lapp

Jul 14 Demonstrator: Eric Löfström with a Workshop to follow

Aug 11 Demonstrator: Kathleen Duncan - Piercing

Sep 8 Demonstrator: Open

Oct 13 Demonstrator: Open

Nov 10 Club auction!!!!

Dec 8 Demonstrator: Open

Sawdust Sessions



January was Goblets

Look at these happy faces! Lead by Bruce Stangeby we learned how to turn goblets at our January Sawdust Session. Top left is Bruce showing us the ropes, top right is the very determined Gary Dahrens with Bob Thompson and Henrik Åberg happily showing their creations at the bottom.

February: No sawdust session due to the Ashley Harwood's workshop.

March: TBD

The Longworth chuck by Dick Powell

For the instant gallery at January's WVV meeting, I (a) brought a modified Longworth chuck. A number of people asked how it was made and thought it was pretty complex it's not!). Several years ago, I (b) submitted an article to *American Woodturner*, describing how to precisely find the thickness of a bowl's bottom (June 2012, vol. 27, no. 3, pgs. 32-33). This Longworth chuck modification allows me to easily find the thickness of a bowl's bottom.

Cole jaws or jumbo jaws are commonly used to reverse-turn the foot on a bowl. However, this requires (1) removing all 8 screws to the scroll chuck's jaws, (2) attaching the Cole jaws with those 8 screws, (3) repositioning another 8 screws for the Cole jaw's buttons, and, when finished, (4) reversing that whole process – a real chore. A Longworth chuck seemed like the answer – simply remove the scroll chuck and attach the Longworth chuck. The chuck almost does the rest!

The internet has quite a few plans and videos for making a chuck; the one I used was <http://www.woodworkersguide.com/2010/10/17/how-to-make-a-longworth-chuck/> and found it fairly easy to use.

The Longworth chuck can be mounted to a dedicated face plate. Alternatively, I (step 1) turned a block of wood to fit my scroll chuck and glued this block more or less centered to the back side of the Longworth chuck's back plate. I then (step 2) screwed the front and back plates together and turned both plates simultaneously, ensuring both plates were perfectly centered/balanced. Lastly, (step 3) I made the Longworth chuck. Now, my new Longworth chuck fits onto my scroll chuck and I no longer have to bother removing the scroll chuck!

However, it still left the problem knowing exactly how thick the bowl's bottom was. Thinking back to that *Am. Woodturner* article, I modified (step 4) the Longworth chuck slightly.

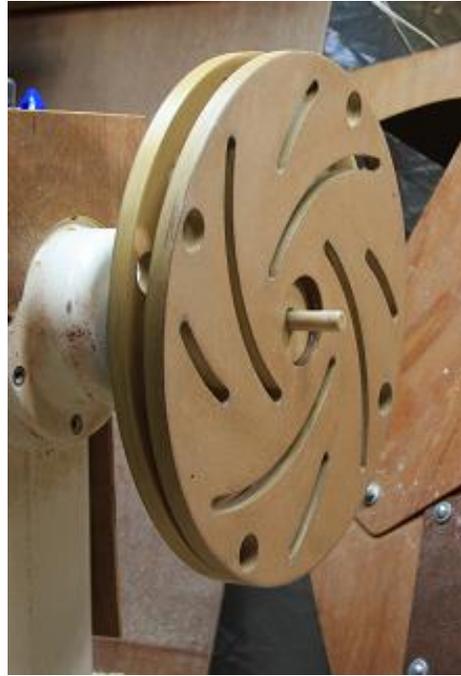
Rather than attach the plates with a ¼ inch bolt, I bored a 2½ inch hole in the Longworth chuck's front plate (photo #2). Prior to boring the hole, I screwed the two plates back together (exactly as they were in step 2, above) so that hole in the front plate would be perfectly centered. After removing the front plate, I glued an over-sized piece of MDF that was more or less centered on the back plate; this was then turned (photo #1) to precisely fit the hole bored in the front plate (photo #2). The size of the hole is not terribly important so long as the front plate is a snug fit on the back plate and spins freely. [In retrospect, this should have been done as step #3 with the actual making of the Longworth chuck as step #4.]

(After taking the photos, I decided to add screws through the part glued onto the back plate, the back plate, and the scroll chuck's wood block – I didn't trust the glue!)

After that, I simply bored a hole through the whole works so that my ½ inch dowel could be inserted through the headstock, scroll chuck, and the Longworth chuck (photo #3). I can now precisely determine the bowl's depth just as I would with my scroll chuck or Cole jaws (photo #4). It is virtually foolproof!



#1 – completed back plate



#2 – front plate ready to attach



#3 – completed Longworth chuck with the 1/2 inch measuring dowel inserted



#4 – ready to measure a bowl's bottom thickness (clamped to the lathe, the end of the wood block is on the same plane as the bottom inside the bowl – see the drawing below)

Finding the Thickness of a Bowl's Foot When Using Longworth Chuck

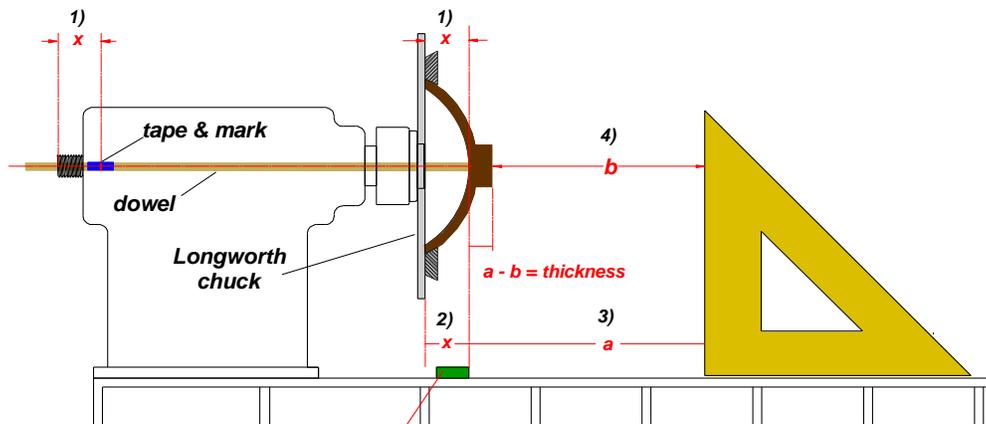
Insert 1/2 in. dowel through spindle so that right end is even with face of Longworth chuck. Then wrap tape around dowel at left end of the spindle and mark a spot even with left end of spindle

To find depth of bowl:

- 1) Slide dowel to bottom of bowl - this is the bowl's depth and becomes distance "x"

To find thickness of the bowl's foot:

- 3) Use a square and measure some distance ("a") from wood block
- 4) Thickness of foot is "a" minus "b"



- 2) Place a block of wood "x" distance from face of chuck -- end of block is now even with bottom of bowl --

Dick Powell
1-4-16

Tips and Tricks from Steven Russell Submitted by Bruce Stangeby

Benefits Of Using Micro Turning Tools

Micro tools by their very nature are small in size, with very small bevels and short handles. This allows you to get into some really tight areas with ease and execute certain tasks that would be difficult, if not impossible with other (larger) tools. The micro bevels take a very light cut, allowing you to achieve near glass-smooth surfaces right off the gouge. As we all know, if you have to do a lot of sanding on fine detail you will probably destroy it, or radically change the exterior profile. Having the ability to get such a smooth surface off the gouge is invaluable, because your crisp detail stays intact and only requires the lightest of sanding protocols to prepare it for finishing.

But the versatility of micro tools does not end there, they are true multi-purpose tools that can be used for numerous tasks on the lathe. I also use my micro turning tools for creating dovetails on the bottom of faceplate projects, turning pens and bottle stoppers, beads and coves on larger projects, gullet definition on beads, back-cuts on floating beads, finesse cuts near adjacent design elements, detail and finishing cuts on boxes and lots more.

Club Business

January Treasurer's Report

By Henrik Åberg, Treasurer



Beginning Balance **\$9,869.78**

January Income

Raffle \$99.00
Retail Item Sales \$119.00
Memberships (12*\$35) \$420.00
Total January Income \$638.00

January Expenses

PayPal fees \$2.64
Shop fees \$100.00
Raffle Ticket Roll Purchase \$10.99
Total January Expenses \$113.63

Ending Balance \$10,394.15

Membership Report

By Henrik Åberg



We have seven new members in 2016: The club would have **113** members (if everyone pays their dues).

85%

of the members have paid their **2016** dues at the time of press BUT we **should to be at 100%**.

The Editor's Corner

By Henrik Åberg, Burl editor

Please help improve the Burl experience for all club members by submitting your own contribution. We need more contributions for "**What's on my Lathe?**", "**Tip of The Month**", "**Joke of the month**" and more.

A maximum of two gift certificates per month are given out to the best Burl contributions!

This month's gift certificates go to **Dick Powell and Bruce Stangeby**. Thank you!

Membership Rewards

Library

A friendly reminder to members with books and /or videos checked out from the library. Please return them at this next meeting.

Wood Gathering

Sign-up sheets will be available to indicate your availability to help with wood gathering. Anyone who learns of a tree or log that is available to the club should notify Jerry Lelack, (503) 510-1577 or Bob Hutchinson, (503) 508-3279. The intent is to gather wood, process it to usable pieces, store it at the home of Terry Gerros, and then make it available to members. Terry can be reached at (503) 580-5013.

From Terry Gerros

I am a distributor for Stick Fast CA glue, Sharpfast Sharpening systems, the Holdfast vacuum chucking system and Saburrtooth Carving bits. If you have an interest in these products, give me a call or send me an [email](#) for details.

Supplies

The club purchases a few supplies in bulk and sells it to members at club cost. We routinely have superglue (\$5), black or brown superglue (\$10) accelerator (\$6) and Anchorseal (\$11/gal). The club has a small supply of half round protractors (\$6) used to measure the angle ground on a tool, and depth gauges (\$5). HSS Round Tool Bits rods (1/4" x 8") are also available (\$3). Henrik Åberg will have the resale items available at the meetings, except for Anchorseal which is available through [Jeff Zens](#).

Club Member Discounts

- **Craft Supply:** The club's order will be going out on the Monday following our Club Meeting if our order equals or exceeds \$1,000. Craft Supply gives us a 10% discount plus free shipping on all items, and occasional additional discounts on certain other items and quantity purchases. If you order from the sales items, you will receive the club discount in addition to the sale discount, making many items available at very attractive prices. For detailed instruction for ordering see the article in the [November](#) 2015 Burl. Questions? See jeffzens@custombuiltfurniture.com.
- Club members are registered with **Klingspor's Woodworking Shop** at www.woodworkingshop.com or 800-228-0000, they have your name and will give you a 10% discount.
- If you show your club card at checkout time to the cashier at **Woodcraft** in Tigard they will give you a 10% discount (may not apply to some machinery).
- **Exotic Wood** is offering a discount of 15% off any orders placed at: www.exoticwoodsusa.com. (This includes sale items and free shipping on orders over \$300). Use promo code ewusaAAW
- **Gilmer Wood** now offers our club a 10% discount on purchases made there. If you haven't been to Gilmer's, it is well worth the trip to Portland, if only to make your mouth water and make you cry if you leave empty handed.
- **North Wood Figured Wood** can be viewed at North Woods Figured Wood. Here's our website www.nwfiguredwoods.com. Please take a look! We're happy to offer you our courtesy 15% discount. Anyone from our club can simply type in "WOODTURNERS" at check out to receive the sale price. No minimum purchase. We've got beautiful Big Leaf Maple, Black Locust, Madrone, White Oak, Ash, Elm and Yew.....turning blanks, slabs, burls and lumber.

Club happenings in our area

(Please visit the club's website listed below for additional information)

Northwest Woodturners (Beaverton, OR)

www.northwestwoodturners.com

Meets 1st Thursday 7:00 PM at the Multnomah Arts Center, 7688 SW Capitol Hwy, Portland

Cascade Woodturners (Portland, OR)

www.cascadewoodturners.com

Meets 3rd Thursday 6:45 PM at Willamette Carpenters Training Center, 4222 NE 158th Ave., Portland

Beaver State Woodturners (Eugene, OR)

www.beaverstatewoodturners.com

Meets 4th Thursday 6:00 PM at the Woodcraft Store, 1052 Green Acres Rd, Eugene

Oregon Coast Woodturners (Newport, OR)

www.oregoncoastwoodturners.com

Meets 4th Saturday 10:00 AM at Hasting Coastal Woodworks, 3333 SE Ferry Slip Rd, South Beach, OR

Southwest Washington Woodturners (Vancouver, WA)

www.southwestwashingtonwoodturners.com

Meets 4th Wednesday 7:00 PM at Friends of the Carpenter's Center, 1600 West 20th St, Vancouver, WA

The Burl is a monthly newsletter publication of the Willamette Valley Woodturners.....

Executive Board

President	Bob Hutchinson
Vice President	Terry Gerros
Secretary	Jim Devorss
Treasurer	Henrik Aberg
Past President	Terry Gerros
Board Position 1	J.J. Jones
Board Position 2	Bruce Stangeby

Non-Executive Positions

Newsletter Editor	Henrik Aberg
Web Master	Ron Fox
Wood Gathering	Jerry Lelack
Librarian	Jerry Lelack
Coordinators	Myron Yancy (Steam Up)
	Bob Hutchinson (State Fair)

New Members	Bob Garvey
	Tom Morrison

Roster Compiler	Walt Thies
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Facilities	Bryan Thoet
	Paul Hirt

Calling Tree	Carl Rodney
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Video	Jeff Zens
	Larry Curry

Craft Supplies Orders	Jeff Zens
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Send dues & other financial matters to:

Henrik Aberg
7231 Bethel Road SE
Salem, OR 97317
henrikeaberg@gmail.com

Checks payable to: Willamette Valley Woodturners

Send changes to roster information (address, e-mail, phone#) to Walt Thies (wgthies@gmail.com)

Send contributions to the Burl by the end of Wednesday the week prior to our meeting to:
henrikeaberg@gmail.com

Send all other club correspondence to the clubs official address:

Bob Hutchinson
3105 Evergreen Ave NE
Salem, OR 97301
nhutch@wvi.com