# Turning Times

# THE OFFICIAL NEWSLETTER OF THE CASCADE WOODTURNERS





# **NOVEMBER 2020**

Please make sure that all content for the next newsletter reaches me by the 30<sup>th</sup> of November! <u>turningwood@bendbroadband.com</u> Thanks!

NEXT MEETING: 6:00PM, THURSDAY, November 19th VIA NEW TECHNOLOGY

# **Presidents Message**

President's Message: November, 2020

Happy November! I have had on my agenda all year to have one of our local skilled wood turners provide the demonstration – and this month we will have Brian Harte demonstrating how to finish off an urn with a threaded top. I know we have numerous club members that like to turn urns, so this is a good way to make a threaded top without having to learn to chase threads. I really enjoyed having Rudy Lopez as our demonstrator for October showing us how to make a square to round vase. Rudy did a great job of explaining what he was doing and what tools he was using at each step. I hope you liked him as much as I did. Maybe we will bring Rudy back in 2021 to do another interesting project.

Please be sure to attend our November meeting on Thursday the 19<sup>th</sup>. We will have our usual show and tell, so please provide your photos to Harvey or me for sharing. As mentioned above, we will have Brian Harte demonstrating. Please remember that we discussed and agreed to start our meetings at 6:00 PM to help accommodate east coast presenters. We will start the meeting at 6:00 PM, have our usual business, do show and tell then be ready for Brian to start between 6:30 PM and 6:40 PM.

**Turning Times** 

We will announce the results of an online Poll that Steve and Harvey have developed. There are a few simple questions to make sure we are focusing on the most important aspects of our traditional club while running remote meetings via Zoom. One of the questions asks if we want to have a December meeting. We usually skip December as members are busy traveling for the holidays or enjoying time at home with family. This being an odd year in both respects, asked you for your input. We will announce the results of the poll in our November meeting.

Phase 3 of the Cascade Online Auction has started and will run until midnight on November 19<sup>th</sup>. The auction features the remainder of the Goby Walnut and a few odds and ends.

We have had very good participation from members in our monthly Zoom sessions, but please contact Harvey or me if you would like a short, private Zoom meeting to ensure your set up works with Zoom. Just shoot either of us an email and we will set up a meeting and send you the link.

Cascade Woodtuners likes to have a mix of professional, touring demonstrators and we like to showcase some of our local turning talent from CWT and nearby clubs. This year will be no exception, we have possible openings for local demonstrators for Spring 2021. If you would like to step up and do a demonstration or know someone from one of the local clubs that would be a good candidate, please contact me via email – my email address is listed below in this newsletter.

I look forward to seeing each of you online on Thursday, November 19th at 6:00 PM, via Zoom.

Gary Borders CWT President

Email: gbborders@comcast.net

#### **CWA 2020 Nominations**

Harvey Rogers is serving as the nominating committee this year. If you would like to be on the Cascade Board in 2021 please contact Harvey, or nominate yourself at the November meeting before the election.

Cascade's annual meeting and election will be held at the beginning of our November meeting, a little after 6:30 PM on Thursday, November 19th.

Harvey nominates the following people to serve on the Cascade Woodturners Association Board of Directors for 2021:

**President: Gary Borders** 

Vice President: Suzanne Jensen

Secretary: Steve Walgrave Treasurer: Ken Kirkman

Web Mistress: Kathleen Duncan Safety Officer: Harvey Rogers Librarian: Len Otto

Newsletter Editor: Jerry Klug Mentor Coordinator Skip Burke Member at Large: David Williams Member at Large: Russ Coker Member at Large: Tom Hansen

Please attend the meeting and vote!

#### CASCADE MENTORS

Need some advice on turning? Unsure of the correct way to sharpen that new gouge? Haven't got to an "Open Shop" session? Here are a group of experienced members that are willing to aid your turning experience.

Skip Burke (Mentor Program Coordinator)	(503) 233-4263	drgramp@comcast.net
Howard Borer	(503) 901-3401	howardborer@yahoo.com
Dave Gutschmidt	(360) 823-9835	dave.gutschmidt@mac.com
Mike Meredith	(503) 522-0531	mmeredith23@comcast.net

Anyone interested in mentoring other club members, please contact Skip to be added to the list. Additionally, The Cascade Website has a "Question & Answer" Forum in the Members Only section where any member can pose questions on any aspect of woodturning for comment and responses by any other member. This is a good way to share the wisdom and answers to issues with all other members, who may also have the same or similar issues. Sometimes having your pick from multiple solutions or approaches can yield the best results. Give it a try!

## **DALE'S CORNER**

Regular monthly Open shop sessions at Dale Larson's shop have been cancelled. With health officials recommending crowds from not gathering, it seems sensible to not pack 20 people into one shop. With that said, if any member wants help with chain sawing wood, band sawing wood, sharpening tools or some question about turning, please feel free to call me and we will set a time for you to come over to the shop. One on one is simply more relaxed and safer at this time.

The following article is reprinted from the November-December 2020 "Woodworker – West"

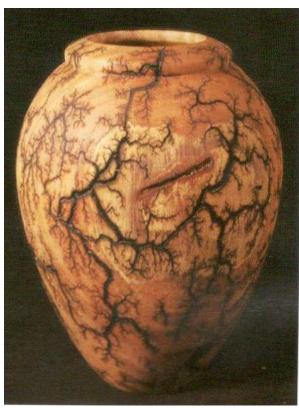
It is time for another reminder of the dangers of fractal burning. It is a wood burning technique, in which high voltage electricity is applied, with electrodes, to wood soaked in salt water. The result is a burnt branching design, Lichtenberg figure, on the surface of the wood. Though stunning, mixing electricity and water can be a deadly combination.

Over the past four years, there have been more than 30 identified accidents using fractal burning, including 24 fatalities. Four of these deaths have occurred in 2020, along with another incident in which three were severely injured.

Most victims were novices. In July, an 18 year old Michigan teen tried the method, utilizing a transformer from a microwave, putting himself in a coma and injuring his girlfriend and grandmother. However even experienced users can slip up. 53 year old wood artist Ronny James Vance of Apache Junction, AZ was electrocuted, while setting up his apparatus.

Another case was Matthew Schmidt of Milton, WI, who was electrocuted in May. The 35 year old father of three attempted the technique after watching a video on the internet. "We didn't know it was dangerous," says his widow Caitlin. "There were no warnings with the videos. If Matt had known, he would have never done it." She has since posted her own video on Facebook, warning about the risks of fractal burning. It has received over 23,000 views, 300 shares, and numerous comments thanking her for the warning.

In 2017, the American Association of Woodturners established a policy against the use of fractal burning by membership, prohibiting its application in any AAW activity. It has dedicated a page on its website, listing known fractal burning accidents and explaining AAW policy: <a href="www.woodturner.org/woodturner/resources/safety-materials/safety-fractal-burning-lichtenburg-burning.aspx/">www.woodturner.org/woodturner/resources/safety-materials/safety-fractal-burning-lichtenburg-burning.aspx/</a>.



Fractal burning, as demonstrated in YouTube video series "Woodturning with Tim Yoder" **Dale** 

Editors note: The Tim Yoder video was produced and posted on YouTube in March 2016 with numerous safety warnings. Tim did the turning and then visited a professional Lichtenburg artist who explains the process and demonstrates how to safely use electricity to etch Tim's turned vessel.



#### **AAW NEWS**

WIT Presents will be host Kristin LeVier on December 7<sup>th</sup> at 1 pm Pacific. This is free to all AAW members. Here is the link to registration

https://www.woodturner.org/Woodturner/WIT/WIT-Home-Page.aspx?WebsiteKey=c9100f02-c77e-4177-a9bc-7d3eb0216238&hkey=7f6a65b2-ec98-472f-a7b6-

<u>2ac573f7258d&New\_ContentCollectionOrganizerCommon=8#New\_ContentCollectionOrganizerCommon</u> but it won't be open until November 27<sup>th</sup>.

The second demonstrator in new Master Series be John Jordan on November 21<sup>st</sup>. These events are \$10 to AAW members and \$30 to non-members.

Many of our AAW memberships will be up for renewal in the next couple of months. To keep your Journal, FUNdamentals, and other notifications coming, be sure to renew your membership. If you are not currently a member, check out the 3-month free affiliate membership <a href="https://www.woodturner.org/Woodturner/Join-Pages/Affiliate-Membership.aspx">https://www.woodturner.org/Woodturner/Join-Pages/Affiliate-Membership.aspx</a>

It is hard to believe that I have been on the AAW Board of Directors for six years. It has been an incredible experience and I have met a lot of wonderful people, many of whom I know will be forever in my circle of friends.

We have seen a lot of change in AAW. This last year has presented all sorts of problems, but we're getting through them. Unfortunately, the pandemic has had a huge impact on the organization as it has on all the local chapters. We had to come up with several innovations in a short time span. This year, we saw our first virtual symposium, we started WIT Presents, the Masters Series, a remote demonstrator database, and an online community for chapter leadership to discuss chapter issues. Other communities are in the works. I hope that you will continue to support AAW and Cascade by your membership and by being involved.

Kathleen 360-241-3378 woodspinner@gmail.com

#### SAFETY REMINDER

## What Our Hero Should Have Done...

Last month my safety article included a link to an instagram video showing a turner (whom I have dubbed "Our Hero") setting himself up to kiss a spinning blank as it flies off his lathe. If you haven't already watched, or you don't remember how fast the spinning blank went from civilly spinning to maliciously flying, please take another look. It's short.

**Turning Times** 

#### https://www.instagram.com/p/CFCNUYRB3as/?igshid=auuga869p96b

Our Hero was turning a blank with a substantial diameter "between centers." He was using a drive center on the headstock and a live center on the tailstock. The blank was likely heavy and it may have been spinning fast. As I wrote in last month's article, the diameter of the blank, the speed the blank is turning, and the weight of the blank all directly affect centrifugal force. The greater any of those factors are, the greater the centrifugal force. Centrifugal force is the force tending to move the spinning blank out and away from your lathe, toward your face and other tender body parts.

If you are turning a <sup>3</sup>/<sub>4</sub>" by <sup>3</sup>/<sub>4</sub>" piece of pine to make a whistle, the centrifugal force will be relatively low. That means two things:

- 1. It will be relatively easy to hold the piece of pine on the lathe; and,
- 2. If the piece of pine does somehow come off the lathe, it isn't likely to whack you hard in your tender parts.

If, on the other hand, you are turning a hunk of wet hardwood about 8" in diameter, the centrifugal force will be much higher. And that means you need to make sure the piece of wood is firmly attached to the lathe so it cannot launch itself into your tender parts.

In last month's article I wrote that I would give you my thoughts on what Our Hero should have done differently. This article gives you my thoughts on safely turning between centers, without using a faceplate, a four-jaw chuck or similar device that actually grabs the wood.

Most turners own at least one drive center, because they tend to be packaged with lathes. They come in a variety of shapes. There are two and four-prong centers, Steb centers, cup centers and likely lots more.



Drive centers need to do two things: they need to spin the blank when you turn on the lathe, and they need to resist centrifugal force so, once the blank starts spinning, it does not launch itself into your tender parts.

Most turners also own a live center that goes on the tailstock. The center on the tailstock has a simpler job; it just needs to resist centrifugal force so the blank remains between centers.



Drive centers and live centers are extremely useful pieces of equipment; you just have to use them properly to stay safe.

There are a couple of simple, inexpensive things you can do to help these centers resist centrifugal force. The first is to make sure your tailstock and your headstock (if it moves) are firmly tightened down on the lathe bed so they can't slip. It is very important that these pieces don't slip. If they do, the tension on the drive center and live center can be reduced, making it easier for centrifugal force to rip the blank out of the lathe and into your tender parts.

Once your headstock and tailstock are tightly attached to the lathe bed, tighten the quill so the live center presses firmly against the blank. If your centers have center points, those center points should be buried in the wood. If you can see light between the end of the blank and the surfaces of the centers your quill is not tight enough.

You can then start turning, but as soon as you start spinning the blank the pressure of the centers on the blank will immediately reduce, sometimes dramatically. This happens because spinning the blank makes the centers act like drills and move into the blank. When the blank spins the pressure of the live center against the blank will cause the live center to dent the blank. A toothed drive center, on the other hand, can actually chew its way some distance into the blank. To keep the blank from getting loose you need to tighten the quill. How often you need to do that depends on the blank. You probably need to do it a lot more often with wet wood and heavy blanks, but you always need to check frequently, and tighten often.

Many lathes come with locking devices for the quill. I've never seen an experienced turner use one of those locking devices, because they constantly need to keep tightening the quill.

The second thing you can do is drill holes in the ends of your blank. If your centers have substantially protruding points and the blank is pretty light, it may be enough to just drill a small hole in each end that fits those points. You can provide much greater resistance to centrifugal force by drilling larger holes that let you stick the front parts of the centers into the blank. My live center fits into a <sup>3</sup>/<sub>4</sub>" hole, and my 4-prong drive center fits into a 1" hole.

How deep the holes need to be depends on the blank. The deeper the hole you drill, the more you resist centrifugal force. Wet wood, spongy wood, bumpy wood and bark all demand deeper holes. The more you resist centrifugal force, the happier you make your tender parts.

Keep all of you safe when you turn, including your tender parts!

Next safety article: holding blanks on the lathe with faceplates and chucks.

Turn safely and joyfully! Harvey Rogers, Safety Officer

## LIBRARY NEWS

Hi Everyone,

We miss you! It's been too long since we've gotten together. Please don't forget us – we're here and thinking about you.

Since we are not having in person meetings for the foreseeable future, please remember to keep your *Cascade Woodturner's* library books, magazines, and videos in a place you can find them, so that when we do start having meetings again (or have another system in place), you will be able to return them to us. We would be happy to remind you of what you have checked out, except the card boxes are in the storage crate at the carpenter's center...we didn't foresee us being in the middle of a pandemic. Not sure how we missed it coming. Anyway, please, please keep track of the books, videos, magazines, and anything else you may have. Thank you! Len (print material) and Suzanne (digital collection)

Thanks Jerry!

Len & Suzanne
Len Otto
Len@HonorYourPast.com

H: 503-663-0794 C: 503-200-8193

# **CASCADE FORUM**

#### **Q & A** Forum for Cascade WoodTurners

The Website for Cascade WoodTurners now has a <u>Question & Answer discussion Forum</u> for all members to ask questions pertaining to woodturning issues, and for all members to respond with their thoughts and perspectives. Pictures can easily be attached to help clarify issues. By using this discussion forum, all members can reap the benefits of our member's wisdom, as well as appreciate that others may have the same issues and problems as we do.

Only <u>Logged In</u> members may enter questions or replies.

To access this Q & A Forum, once logged in, go to the 'Members Only' segment (in the horizontal menu under the 'Cascade WoodTurners Association' banner) and click on 'Forums', and then on the 'Q & A'. (Other forums are planned for our future)

Many different 'Topics' can/will be listed, with the latest topic entered at the top of the list. Members can select a Topic to read and/or Reply, or they can create a New Topic for discussion.

For those members interested in these discussions, at the top of the discussion page, there is a 'Subscribe/UnSubscribe' button. By subscribing, the member will get an Email notifying them of additions to the Q & A discussion forum, either new questions or new replies, and then at their leisure they can review the new input.

We hope that this addition will be of benefit to all our members and help us grow our skills and the craft. Feedback and comments are always welcome.

Steve Walgrave

#### **MEETING SCHEDULE 2020**

DATE	DEMONSTRATOR	
NOV 19	Brian Harte	Zoom meeting
DEC	No Meeting	Merry Christmas

<sup>\*\*</sup> Plan on an all day demo and an all day hands on class following the meeting date

# **DEMOS - CLASSES - SEMINARS**

-Due to the Coronavirus cancellations check to see if the MAC is open or if our woodturning stores are still open and having classes or demos-

Multnomah Arts Center: Multnomah Arts Center in SW Portland continues to have woodturning classes. Check their catalog or phone 503 823 2787. You can goggle their website for the catalog. Jerry Harris and Russ Coker are again teaching woodturning at "Multnomah Arts Center". If you are interested, please contact Multnomah Arts Center at 503 823 2787. The cost is very reasonable and all tools, wood and equipment is provided. The woodturning classes that I teach at the Multnomah Arts Center in SW Portland continue to be only partially filled. There are 6 places and we have only been having 2 to 4 students. The costs for the classes are very reasonable and we provide tools, equipment and wood. No coffee but Starbucks is just across the street. Thanks, Jerry Harris

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

• Contact store for class details

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

• Contact store for class details

Woodcrafters 503-231-0226, 212 NE 6th Ave, Portland, www.woodcrafters.us

• Contact store for demo details

# **COMPANY STORE**

The Store will be carrying a second type of Sheet Abrasive for our members.

Keeping the Klingspor quality while offering a new line of sandpaper. Which will reduce your cost of sandpaper and decrease your lathe time. We are currently offering Silicon Carbide (wet and dry), as of the next meeting you can purchase Aluminum Oxide in sheets of 9" x 11" and 80 to 400 grit.

Through the club, we purchase many items that are commonly used by woodturners. We buy in bulk and sell at cost. Just another benefit of being a member of Cascade Woodturners! If a number of members want a certain item, we could be low on it. Please contact Russ Coker, (503) 701-2508 racoker@comcast.net a week ahead of the meeting so he could verify it is not out of stock and set it aside for you. During the Coronavirus interruption, Russ can supply sandpaper, glue and walnut oil from his abode. Call and discuss the transaction.

#### Price List

Sandpaper		
Black KL 385 J-Flex Heavy cloth backing		
80   100   120   150   180   220   240   320   400   600 grits	1.50	
White PS-33 paper backing		
80   100   120   150   180   220   240   320   400 grits	0.80	
4" x 6" 12 Pack Sandpaper (1/4" sheet)	2.50 Per Pack	
Cyanoacrylate (Ca) Glue (2 oz)_	7.00	
Thin Super Fast EM-02		
Medium EM-150		
Thick Gel EM-2000		
Medium Thick EM-600		
Ca. Accelerator (80z) pump spray	9.00	
Large Ca. Glue (160z)	33.00	
Super Fast Thin EM-02		
Gel De-bonder (2 oz)	7.00	
Anchor Seal #2 (1gal)	8.00	
Walnut Oil (160z)	4.00	
Tee shirts currently out of stock – Reorder can b	e made for quantity orders	
Tee Shirts	\$10.00 ea	

### **CLASSIFIEDS**

To place or continue an ad, contact Jerry Klug at <a href="mailto:turningwood@bendbroadband.com">turningwood@bendbroadband.com</a>. We will run ads in the next newsletter after receiving your ad. Let us know if you want your ad continued more than one month.

FOR SALE: Generac 5000 watt generator – approximately 15 hours use - \$200 Skip Burke (503) 233-4263 <a href="mailto:drgramp@comcast.net">drgramp@comcast.net</a>

**FOR SALE:** 1980 Ford F-350 Std Cab Pick Up Truck. About 30,000 miles on engine rebuild, Auto trans, 2 speed Beaver 10K winch, Great log hauler. \$7500 Skip Burke (503) 233-4263 drgramp@comcast.net

# FOR SALE: BENCHCRAFTED CLASSIC 84" WORKBENCH FOR SALE \$2,000

The bench features the Classic Leg Vise, Planing Stop and Crucible Holdfast as workholding devices. With a clever arrangement of the Planing Stop, Roubo's Doe's Foot and the Crucible Holdfast, you're able to mimic the function of bench dogs and a tail vise, albeit in a more rudimentary manner. The 84" Classic will handle the entire range of typical furniture work.

The Classic Workbench is constructed entirely with in-compression-for-eternity drawbored mortise and tenons. It's as solid as humans can make it, short of growing a tree in the shape of a bench. – from www.benchcrafted.com

Purchased 2 years ago. Bench comes with two holdfasts, a few homemade Doe's feet and WoodRiver 10" vise used as tail vise. Available in north Clark County for pickup. Call / text Rick at **360-839-0121**.







# FOR SALE: JET LATHE MODEL 1440VS FOR SALE \$900

Works on regular 115v wall outlet, 1hp, variable speed 400-3000 Reeves drive system, 1x8 spindle thread, 2MT tapers, swings 14½ and accepts almost 40" long spindles. Sliding headstock pivots 360° and has 36 indexing positions.

Purchased new last year, decided I want the new Powermatic PM2014. Lathe is available in north Clark County for pickup. Call / text Rick at **360-839-0121** 







**WOOD:** My families long stored this Holly wood cut from a tree yard many years ago and stored in the basement there's only about five pieces left approximately 6 inches across 15 inches long. I would be happy to give it to somebody who could use it in the way it deserves. I live in Northwest Portland near the Fremont Bridge <a href="mailto:rachel-hibbard.net">rachel-hibbard.net</a> 3139 N. W. Vaughn St. 503 754-5417 text please

**FREE:** Freshly cut english walnut for free! Bill Daudistel sends the following information about some free, freshly cut english walnut: A neighbor of mine cut down two large english walnut trees last week. The wood is available to anyone who wants some. If anyone is interested they should send him a text at 360-823-7108. His name is Mark, and is located in Hockinson, which is a little south and east of Battle Ground. There are three piles of branches similar to the one in Photo #1. Their lengths vary from a couple of feet to about ten or twelve feet long. (Bring a chainsaw.) The diameters are anything from 5-8 inches to 12-16 inches.

# CASCADE WOODTURNERS OFFICERS AND CONTACTS

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# **CASCADE WOODTURNERS SPONSORS**

Support of the sponsors listed helps maintain our hobby supplies. Remember that your current membership card is good for discounts at these firms

**Gilmer Wood Company** Exotic and Domestic Hardwood from Around the World **KLINGSPOR Abrasives, Inc. Rockler** Woodworking & Hardware

Woodcraft Supply Woodcrafters Carbide Saw



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- Turning stock, Burl, Spalted Wood, Slabs and lumber available
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