

Turning Times

THE OFFICIAL NEWSLETTER OF THE CASCADE WOODTURNERS

NOVEMBER 2015

Please make sure that all content for the next newsletter reaches me by the 30th of December! turningwood@bendbroadband.com Thanks!

NEXT MEETING: 6:45PM, THURSDAY, NOVEMBER 19th AT WILLAMETTE CARPENTERS TRAINING CENTER

Cascade Woodturners will be meeting at

WILLAMETTE CARPENTERS TRAINING CENTER

4222 NE 158TH Ave, Portland, OR 97230-4906

(For a map, click here <http://mapq.st/1o8wBN0>)

Use the South door in the middle of the side parking lot

Presidents Message

November is the month we elect 2016 officers. At the meeting the floor will be open to allow members to nominate members to be elected. Skip Burke, VP of Cascade Woodturners has found nominations for each position for next year. See list below

The annual auction held last month went very well. Our Vice President Skip Burke and crew did an outstanding job. The club thanks everyone for their support, purchases and donations.

Lloyd Dewerff - November Demonstrator – Christmas Ornaments will be the key point of the demonstration – Lloyd creates these inside/outside Christmas ornaments that are really cool. It's a great demonstration to help us all prepare for the coming Holiday Seasons.

Well this is my last Presidents message to all of you – there will not be a December meeting nor newsletter. I believe it has been a great year for our club. It takes a lot of work to organize and run our club. I truly thank everyone that helped us with preparing for our meetings and demonstrators. I especially want to thank everyone for their help with supporting and participating in the first ever Oregon Woodturning Symposium. I would encourage everyone to

figure out how you can support our club by volunteering an hour or two during the year in the preparation, cleanup, and all the other miscellaneous requirements.

I look forward to another great year for our club in 2016.

Peter Gibson – President

gibsop@yahoo.com

971-409-6022

CLUB REMINDERS:

ELECTION OF 2016 OFFICERS

Club Officers Nominations for 2016

President:	Skip Burke
Vice President:	Harvey Rogers
Secretary:	Bill Herrold
Treasurer:	Howard Borer
Safety Officer:	Harvey Rogers
Member at large:	David Williams
Store:	Jim Piper
Video Librarian:	Mike Worthington
Book Librarian:	Geraldine Clark
Web Mistress	Kathleen Duncan
Newsletter:	Jerry Klug

Remember that at the meeting the floor will be open to allow members to nominate additional members for consideration.

VICE PRESIDENT'S SOAPBOX

Thanks to all the volunteers at the auction; especially Kathleen Duncan and Jim Piper who oversaw the accounting of all the sales.

Having a professional auctioneer was certainly entertaining and I would like feedback about whether we should bring him (Dave Coulson) back again next year.

Thanks to everyone who brought finished pieces for the auction as well as to all those who furnished us with the raw wood. Without your contributions we would not have been able to have such a great success.

I would especially like to express our gratitude as a club to the following for their most generous donations:

Sports Clips at Mall 205
Woodcrafters
Bud's Tree Service
Northwoods Figuredwoods
Carbide Saw.

Finally, this auction was truly a success because of all the members who so generously opened their wallets and checkbooks! Your actions will ensure ongoing quality education as provided by professional demonstrators at our future meetings.

Skip Burke
drgramp@comcast.net
(503) 233-4263

TREASURER'S REPORT

The auction last month had gross income of \$4351, which is certainly among the top 5 auction income.

Howard Borer
howardborer@yahoo.com

DALE'S CORNER

No open shop in November and December due to Thanksgiving and Christmas. See you in the New Year.

Dale

SAFETY FIRST

Seeing Is Good

This Halloween my wife and I watched "The Black Sleep" with Basil Rathbone, John Carradine, Bela Lugosi, and Lon Chaney Junior. At one point the evil doctor, played by Basil Rathbone, leads an innocent through his castle to a secret door behind a fireplace. The door leads to a stairway, and the stairway leads up to Rathbone's surgery in the top of a castle tower. When they arrive Rathbone proudly points to the skylights in the tower, and observes that the skylights provide wonderful natural light that is essential to his delicate but nefarious operations.

Just like Rathbone, most of us will do better if we can see better. We can see better if we have good light. And here's a horrifying, Halloween fact: 60-year-olds need three times the light to see as well as twenty-year-olds, and people's need for more light starts increasing significantly when they turn forty. Nobody in Cascade is that old yet, but soon some of us will turn 40 soon, so we should start paying attention now to possibilities for improving light in our shops.

Happily there have been huge advances in lighting technology recently, and those can be a significant benefit to woodturners like us.

Most of us have experienced, and some of us have envied, those lights the dentists use to peer inside our mouths: bright, focused and easy to move so the light falls exactly where the dentist wants, but huge and heavy, bolted to the ceiling and made of sturdy metal tubes and bearings, with heat shields and heavy glass lenses to focus the light. They have to be made like that, because until recently, anything that produced that much bright, concentrated light required substantial power, generated lots of heat, and was heavy.

LED lighting is different. LED lights require little power, generate little heat, and don't weigh very much.

That's wonderful for us woodturners, because it means a very bright, focused light can be held on a light, thin gooseneck that can be manufactured and sold relatively inexpensively.

For example, IKEA sells its Jansjo desk light. It's not the brightest, but it's available on the 'net for between \$15 and \$20 dollars. If you want something significantly brighter, Craft Supplies currently has three on sale that range from \$58 to \$128.

Because these lights don't weigh very much and don't need big power supplies and heat shields, their goosenecks and magnetic bases actually hold them in place; they stay where they are put and don't move. And because they don't generate that much heat you won't burn yourself if you accidentally touch them.

If you do hollow forms and want to look inside, you can get relatively inexpensive, battery-operated LED lights on the end of thin, bendable cables that you can stick inside your turning to see what you have done.

Of course, with new technology comes new jargon. Most of us are used to buying light bulbs based on their wattage: a hundred watt bulb for a reading light and a forty watt bulb for a softer, more romantic glow. Wattage isn't a good indicator of the amount of light emitted by an LED bulb. Instead, LED bulbs have a "lumen" rating. A "lumen" is, as I'm sure you all remember, a "unit of luminous flux, equal to the amount of light emitted per second in a unit solid angle of one steradian from a uniform source of one candela." 'Nuff said! (Personally I just remember that more lumens means brighter light.) I think it is important to know the lumen rating for a light you intend to buy, because price isn't necessarily a good indicator of the number of lumens a light will produce.

If you haven't thought recently about upgrading the lighting in your shop, now is a great time to do so. If you can see what you are doing more clearly you will be able to do better work, and do it more safely.

If you have questions about turning safety or comments on this article please send them to me at HarveyRogers@gmail.com. I will research questions and let you know what I find out.

Harvey Rogers

AAW NEWS

November 4th a message was sent to AAW members that the current edition of *Turning FUNDamentals* was available on line. In addition to the bi-monthly publication on line are a couple of “special issues”. One on Safety and another by Rob Wallace on setting up your shop. A lot of good information in these. They are easy to access from the FUNDamentals page of the AAW web site.

If you are not a member and would like more information about AAW, please feel free to contact me.

Kathleen
woodspinner@gmail.com

SYMPOSIUM SCHEDULE

There is something planned for every month that may match your travel plans:

- Fresh Cut Symposium- North House Folk School, Grand Marias, Minn, Oct 30th- Nov 1st, 2015

If you hear of an interesting symposium, e-mail Jerry Klug to add it to the list.

MEETING SCHEDULE 2015

DATE	DEMONSTRATOR	CHALLENGE
NOV 19	Lloyd Dewerff	Christmas Ornaments
DEC	No Meeting	<i>Merry Christmas</i>
JAN 21	David Williams	
FEB 18	Ashley Harwood - **	
MAR 17	Dale Larson & Mike Merideth	
APR 21	Steve Newberry	
MAY 19	Liam O’Neil - **	
JUN 16	Jim Piper	
JUL 21	Sarah Robinson	
AUG 18	Picnic	
SEPT 15	Tom Wirsing - **	
OCT 20	Auction	
NOV 17	TBAL	
DEC	No Meeting	<i>Merry Christmas</i>

** Plan on an all day demo and an all day hands on class following the meeting date

THREADED NEEDLE CASE By Fred Holder

This information is provided by *More Woodturning Magazine*. Please visit their web site:
www.morewoodturningmagazine.com

I've made a number of needle cases over the years and made one for my wife some time back. She was very pleased until she found that when she dug around in her sewing basket, the lid could come off and dump her needles into the basket.

Until I obtained the Ray Isles thread chasers, none of my chasers would enter such a small hole as is needed for the needle cases.

When I started to make one of these, I tried to use the Nova chuck with the 25mm jaws to hold the pieces while threading. This worked fine for the lid, but I had troubles with the wood moving in the chuck when trying to chase the outside threads for the body of the case. I solved this problem by turning tenons on each end of the blank and gluing on a two inch disk to be grabbed in the 50mm jaws of the Nova chuck as shown below.



The blank with two disks glued to the ends for greater stability when threading.

Although it is not needed on the lid side, it is easier to set up the pieces for use in the same chuck. This solved the problem of having the body of the needle case move while chasing threads.

The next step was to part off the lid and mount it in the chuck for drilling and threading. I thread the lid first whenever possible. In the photo below the lid section is shown in the chuck before drilling.



The lid is ready to drill with a 7/16" drill to a depth of about 1/2".



Threading the hole in the lid with the inside chasers.



Drilling the 5/16" hole to hold the needles. It can be drilled before or after threading.

Drill a 7/16" hole in the lid section that is about 1/2" deep. Then round over the front edge of the hole and cut a recess in the bottom of the hole to allow the chaser to cut a clean thread before it would hit the bottom of the hole. When the threads are satisfactory, you are ready to mount the base section for drilling and threading of the tenon that will be threaded.



Threading the tenon on the top of the base section.

The sizing of this tenon can be calculated from the information supplied on the illustration on page 6 of this issue. For this case (with a $7/16$ " recess in the lid section) the tenon should be slightly over $1/2$ ".

I found that a $1/2$ " tenon cutter would cut a tenon just slightly over $1/2$ " and would work well for sizing the tenon on this project. I cut a tenon about $3/8$ " long with the tenon cutter and then cut away the excess down to the tenon. I then used a thin parting tool to make a recess at the rear of the tenon and rounded over the front edge, before hand-chasing the threads. Incidentally, the threaded section is 16 tpi.

On this project, I drilled the $5/16$ " hole for the needles after I had chased the threads, but it can be drilled just as well before cutting the threads.

With the threads cut and the lid fitted to the base section, it is time to final turn the outside of the needle case and put in a few decorations with a point tool or a skew.

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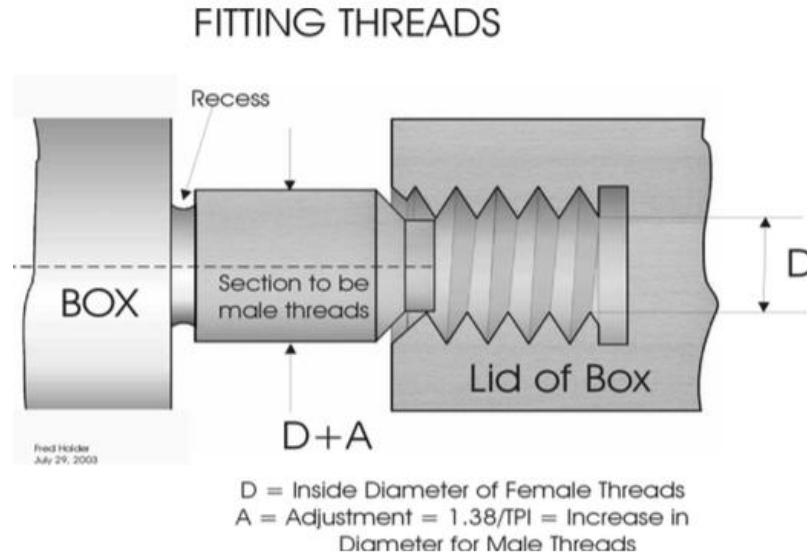


In this photo, the outside of the needle case has been turned and it is ready to part off just in front of the disk holding it in the chuck.



This is the completed needle case. I simply sanded the base smooth after parting off.

I like to put a bit of a shallow curve to the outside of the needle case. It seems to me to give it more elegant look than if it is just straight sided. You can also put some sort of decoration on top of the lid, which I do sometimes. However, Mildred likes the smoother top and since she is the one who will be using these things, that is good enough reason to make them smooth.



This drawing illustrates how to calculate the size of the tenon for the male threads when the diameter “D” of the inside threads are known.

If you don't have any boxwood or other hard, dense woods, you have two other options. You can use material such as Corian, which threads very well. Or you can cut recesses in both the top and base sections and pour it full of epoxy.



The finished needle case with the lid removed.



A needle case made from Corian. Corian threads very well. This one was not held with the disks, but only in the 25mm jaws of the chuck. I broke off the threaded tenon once and had to shorten the case.

Epoxy also threads very well. I first learned of this technique from Petter Herod of Norway. I've found that a 3/8" tenon cutter that I have works well to cut the recesses for the epoxy, but make sure your epoxy is mixed thoroughly. It must set up properly to work well.

Fred Holder started *More Woodturning Magazine* as a newsprint magazine and later offered it on-line. When Fred retired from editing and publishing the magazine Dennis Daudelin took over publishing the magazine. Dennis is also active in the AAW virtual chapter for segmented turners. If you would like to see more of *More Woodturning Magazine*, check out the website www.morewoodturningmagazine.com.

COMING EVENTS

May 29th 2016 – 9 Day woodturning cruise leaving Southampton, England for Norway and return. Contact <http://craftours.com>

COMPANY STORE

Jim is in need of plastic gallon jugs for Anchor Seal. The bottles that are thicker than water bottles are preferred (bleach bottles are great). If a number of members want a certain item, we could be low on it. Please contact Jim Piper, (503) 730-0073 jimpiper@me.com a week ahead of the meeting so he could verify it is not out of stock and set it aside for you.

Company Store Item	Price
Accelerator (for Cyanoacrylate adhesives/CA), sprayer, 8 oz	\$7.00 each
Anchor Seal, one gallon	\$14.00 each
Cyanoacrylate adhesives/CA Thin, Medium & Thick, 2oz bottles	\$5.75 each bottle
Sandpaper – Finkat (for dry sanding)	\$0.75 each sheet
Sandpaper, Klingspoo alum/oxide w/heavy cotton cloth backing suitable for wet sanding (80, 100, 120, 180, 220, 320 & 400 grits)	\$1.25 each sheet
Walnut Oil - filtered, 16 oz	\$4.00 each

There are still a few chem-proof spray bottles available

DEMOS - CLASSES – SEMINARS

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.

Franklin High School Classes: There will not be turning classes at Franklin High for at least two years. Anyone interested in 1-on-1 lessons in my shop in eastern Damascus should feel free to contact me: My cell-phone number is 503 901 3401 and email is "howardborer@yahoo.com".

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

- Check with store on demo schedule

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

- Beginning Lathe Fundamentals by Tim Kluge, \$125, Sat, Nov 14th 10:00-4:00
- Basic Bowl Turning by Tim Kluge, \$125, Sun Nov 15th 10:00-4:00
- Pen Turning, \$40, Sun, Nov 29th, 12:00-3:00
- Pen Turning, \$40, Sat, Dec 19th, 10:00-1:00
- Beginning Lathe Fundamentals by Tim Kluge, \$125, Sat, Dec 26th 10:00-4:00
- Basic Bowl Turning by Tim Kluge, \$125, Sun Dec 27th 10:00-4:00
- Turning A Lidded Box by Tim Kluge, \$150, Sun, Jan 10th 10:00-4:00
- Pen Turning, \$40, Sun, Jan 17th 12:00-3:00
- Beginning Lathe Fundamentals by Tim Kluge, \$125, Sat, Jan 23rd 10:00-4:00
- Basic Bowl Turning by Tim Kluge, \$125, Sun Jan 24th 10:00-4:00

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

- Contact store for Saturday demo schedule

CWT MENTORS

Cascade Wood Turners has a mentoring program and the member turners providing assistance are listed in the “Resources” section of the club’s web page <http://www.cascadewoodturners.com/resources.htm>. These members are available for you to contact if you need help in different areas of woodturning. If you would like to be a mentor yourself and be contacted with woodturning related questions e-mail me at turningwood@bendbroadband.com and I will add you to the list!

QUICK LINKS:

There is a listing of web links used by club members in the “Resources” section of the web site <http://www.cascadewoodturners.com/resources.htm> . If you have a favorite or new site that would be useful to club members, e-mail it to me to include it with the list. turningwood@bendbroadband.com

CLASSIFIEDS

To place or continue an ad, contact Jerry Klug at turningwood@bendbroadband.com . 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: JET 1220 — 6SPD Midi Lathe never been used, new 5 piece Sheffield HSS turning tool set, Wolverine sharpening jig and an 8” slow speed grinder still in the box. Everything you need to begin turning. Great for a Christmas gift. Call Jerry (541)550-6299

FOR SALE: African Black Wood - The pieces are 1.5" square in multiple lengths anywhere from 10" to 12" long. I bought more than I needed. Willing to share @ \$.40/inch. Call Ken Kirkman @ 360-687-9866.

FOR SALE: Jamison Hollowing System unused
(*Ed Note: It works better if the tool holder end is towards the spindle*) – Contact Skip Burke (503) 233-4263
drgramp@comcast.net



FOR SALE: Oregon Burl and Blank

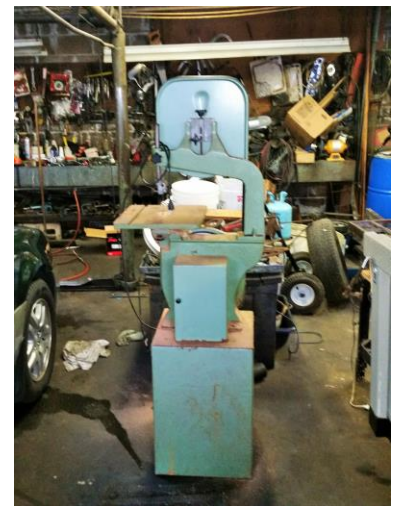
-Hardwood and softwood burls -Hollow form turning wood -Pen blanks
-Bowl blanks -Cut to order

Recently sold and/or current material - Douglas Fir root burl, Maple burl slabs, Cherry burl bowl blank, Madrone pen blanks, dimensional rough sawn Cherry boards, Madrone, Pacific Yew , Oregon White Oak, Black Walnut , Oregon Ash

For pricing and pictures call Brandon Stadeli 503-409-5677 brandonstadeli@yahoo.com

FOR SALE: Over 18 tons of interesting turning wood logs and chunks in Vancouver; Apricot Avocado Black locust Black walnut Blue spruce Bottle brush Camphor (Calif. Bay Laurel?) Carob Cherry Elm English laurel English walnut Juniper Liquid amber Magnolia Maple (big leaf) Maple (hard) Norway maple Ornamental mulberry Pacific dogwood Pepper tree Plum Silver maple White oak Yellow popular Tim also has dried boards and blanks for turning of; Mahogany, Olive, Chestnut, Redwood, Walnut, Maple, Oak, Purple heart and more. Tim also has some rocks and fossils for accents. View an interview of Tim at <http://youtu.be/d51wpml80f4> Prices are about half of retail (i.e. Cook Woods or Craft Supply). Contact Tim at wtsmall@comcast.net 360-989-7721.

FOR SALE: 14" Bandsaw, Made in Tiwan in 1986. \$100.
Contact Skip Burke (Skip is the contact for his neighbor who is selling the saw) (503) 233-4263 drgramp@comcast.net



Turning Times

FOR SALE: 1937 Boice-Crane #1700 GAP-BED, 11" Swing, and 40" spindle capacity. All Dick asks is that it goes to a good home. There are more accessories than what is pictured. Let me know if you have any questions. Dick Renken <rrerken@comcast.net> 503-590-8008 – H 503-805-9641 – M



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Support of the sponsors listed helps maintain our hobby supplies. Remember that your current membership card is good for discounts at these firms. For additional information see the website <http://www.cascadewoodturners.com/sponsors.htm>.

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Happy Woodworking to you! Les and Susan!

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