

# Southwest Idaho Woodturners Association

The Treasure Valley Woodturner's club  
Meets monthly on the 2nd Tuesday at 6:30 PM  
At the Woodcraft store in Boise ID.  
7005 W. Overland Rd  
Boise ID.



<http://www.swiwt.org>

November 2022

## Club Officers

**President:** Susan McCoy  
**Vice President:** Scott Taylor  
**Sec/Treasurer:** Tom Turco  
**Advisory Board Members:**  
Annette Cavalieri  
Connis Wilson  
Sid Bright  
Pat White  
Ralph Cavalieri

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# Demonstration



Susan McCoy shared about hollowing tools and techniques



Various hollowing tools. Susan noted that these have a tendency to twist due to round nature of Tool



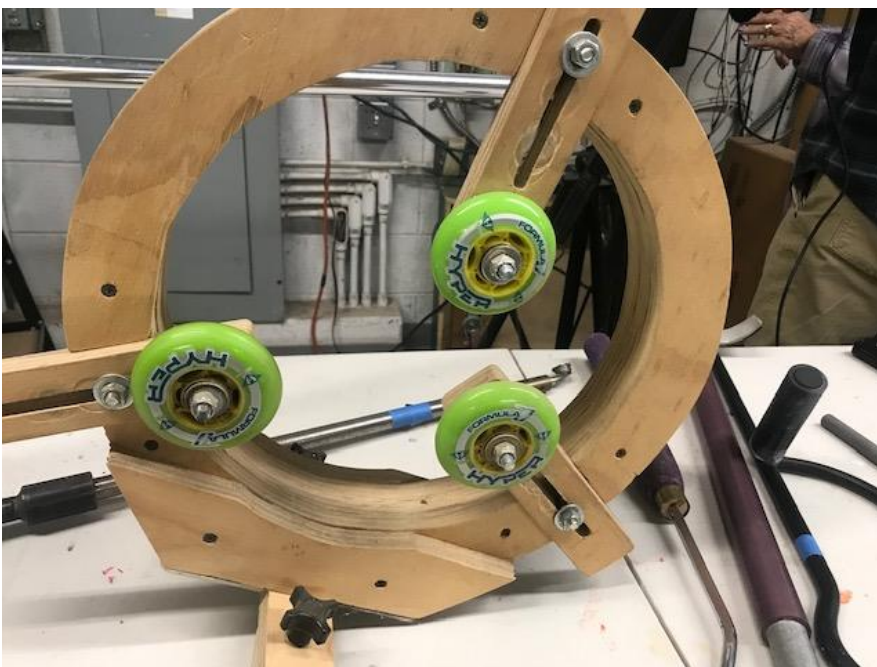
A handheld unit that allows stable hollowing. Does not allow you to go too deep.

This is a unit that goes on the end of the tailstock and provided a high degree of control when hollowing. Easily slides in and out. It is equipped with a laser for depth of cut. Many brands out including one by Carter that is good.



This is the end of the hollowing tool that Susan uses.

Susan also states that to remove the material inside the vessel she uses a bendable straw to blow out the shavings. This is in place of a compressor air supply.



Susan shared that if you are turning hollow forms you really need a unit like this to stop the vibration and to stabilize the piece as you are turning it. Her husband made this one for her. The wheels are from skateboards. She puts blue tape around the turning where the wheel touches.



This is another type of stabilized turning tool that has a spring to allow you to estimate the thickness of your vessel.



Susan uses this to measure the depth of the vessel. Note Abranet sanding material



This is how Susan sands the inside with Abranet on a stick



Another picture of the set up to hollow. This has a lightweight bar. When Susan does a deep hollow she uses a heavier bar to eliminate vibration.

Thank you Susan for sharing

## Zoom Consideration by Pat White

What follows are the slides presented by Pat during the meeting. The board is considering if we should invest in equipment that would allow us to record and possible also provide our meetings in a Zoom format for those that can not attend. The board is seeking input from the members about this option. If we record the demonstrations and the show and tell time it can be loaded onto our website or a private channel on YouTube. Pat stated that he would donate a speaker and allow us to use his old laptop to get us started. He used his private video camera during the meeting and we would have to purchase a camera. (Editor Note: The camera did a wonderful job and produced very clear pictures. Pat was able to move around and zoom in on Susan's demonstration. He was also able to capture the Show and Tell presentations by the club members.

### Option 1: Status Quo

- Connect current cameras to wall mounted TV
  - Requires analog to digital converter, switch to change camera being viewed
- Lathe operation videos only
- No ability to record
- Upgrade of stationary cameras would improve video quality

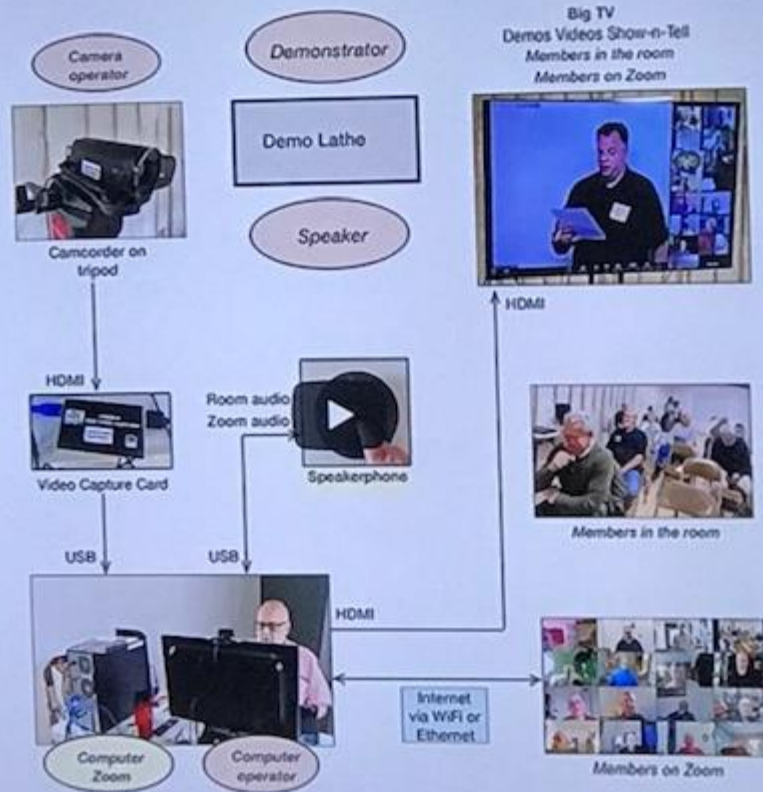
## Option 2: Add a computer and 1-2 video cameras – no Zoom

- Improved video quality
- Lathe demos as well as other presentations shown on TV during meetings
- Show woodturning videos at meetings – online/recorded
- Show and Tell shown on TV during meetings
- Record and post videos taken during meeting
- Requires club to purchase equipment and have 1-2 members operate the technology during meetings

## Option 3: Add Zoom and speakerphone

- Members not able to physically attend meetings participate by Zoom in real time with in-person attendees
- Record to our computer and then post entire (or edited) meetings to YouTube – No cost to us - basically unlimited storage
- Post links to video on our website
- The Club currently has a Zoom Pro account
- Requires speakerphone for two-way communication with online members
- Requires a computer operator and video camera operator at each meeting

### ne-cam Simplest Setup for Zoom



## Member Time and Effort?

### 4-6 Member IT Team – Responsibilities:

- Store club IT equipment and ensure it is brought to meetings
- Operate camera(s) and computer during meetings
- Edit video as necessary
- Post videos to You Tube
- Post links on club website
- Work with Board to maximize benefit to members

Simple Setup Technology Needed	Specs	Source	Cost to Start
Large Screen TV		Woodcraft	-0-
Loud Speaker Amp/mics		Woodcraft	-0-
Laptop Computer	i5 4gb RAM	Used to begin *	\$200+
Video Camcorder	Sony Handycam CX405 or similar	Best Buy/Amazon/ Marketplace	New \$300 + tax Used around \$100
Speaker Phone (Mic/Speaker)		Various sources *	\$100 - \$200
Zoom Pro Account		SWIWT has Pro Account now	-0-
USB Capture Card		Amazon *	\$20
Mic Stand/Tripod		SWIWT	-0-
Cables/Spare Battery	12' HDMI, HDMI to mini,	Amazon / other	Around \$60
Total to Start			\$680 up

Pat will let us use his for the time being

Pat will donate this

Pat will donate this

Best Buy > Cameras, Camcorders & Drones > Camcorders > Traditional Camcorders

Sony - Handycam CX405 Flash Memory Camcorder - Black  
Model: HDRCX405/B SKU: 2964079

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# What's It Going to Cost Down the Road?

Potential Technology Upgrades	Specs	Source	Additional Costs
Laptop Computer	15+ 8gb RAM, 3 USB ports, HDMI	Donation / Purchase new	\$0-\$700
2 <sup>nd</sup> Camera /cables, etc. – overhead view lathe headstock		Amazon /other	\$75
Multi Input Audio System w/mixer (may not be needed)		Amazon/other	\$250+
Ongoing	Zoom Pro Membership		\$150/Year

Please note that we are currently paying for a Zoom License.

## Demonstration



**The following are the slides from the Demonstration in October on basketweave turning by Kim Keys and Trudy Webb**



Two examples  
of their work





Wood burning tool

Choice of wood: light wood,  
clearest grain possible.  
- Beech  
- Hard maple



Diam. of blank is your choice,  
but must match pattern

Bottom turned and sanded to  
220, ready to bead



Watch for bead rounding and STOP as soon as it's round, do not over-bead, but don't leave flat beads

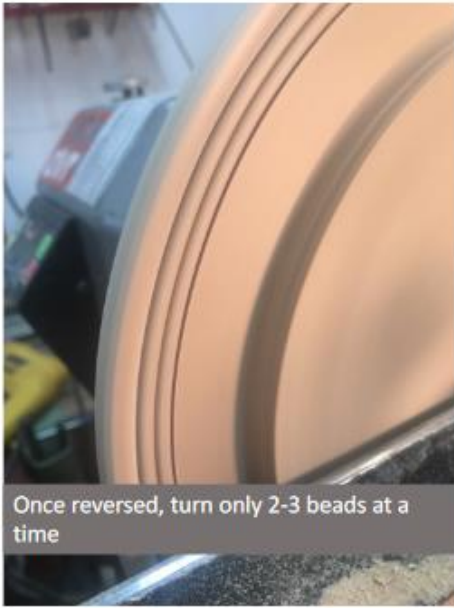
By applying sanding sealer (we use mineral oil/DE/Beeswax recipe) makes it easier to see when you've rounded the bead...dark area disappears



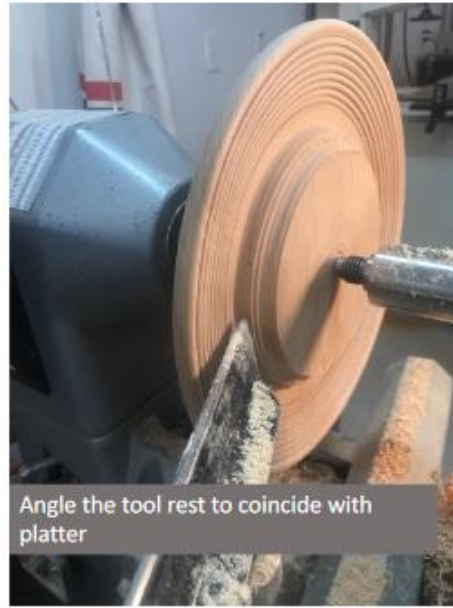
Tear-out?

- Sharpen between each bead, light touch, rocking side to side, NOT in U-shape
- Sanding-sealer recipe: 1pt. DE, 1pt Beeswax, 5pt mineral oil (vet grade or paraffin oil)





Once reversed, turn only 2-3 beads at a time



Angle the tool rest to coincide with platter



Make sure you either stop here and determine what you want to do for the center or have that already determined before you even begin.



Mark the center before removing - 'pin trick'

- 
- For Clean burns:
    - use compressor to blow out dust
    - Formica sanded down THIN
    - DO NOT re-use
    - turning as fast as is safe.

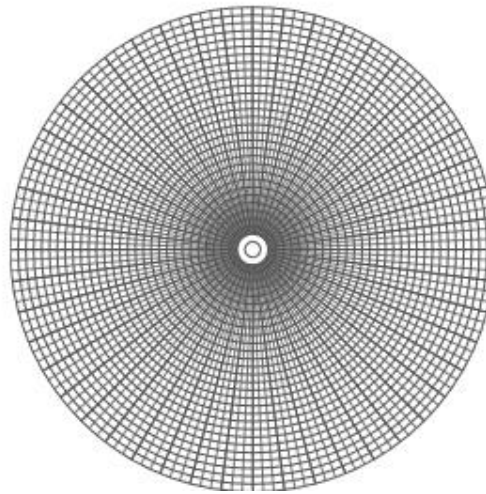


Still see overburn/no burn areas....



The Jig used to mark turning

- The Pattern:
  - Number of rings MUST match diam of your turned platter, glue it up.

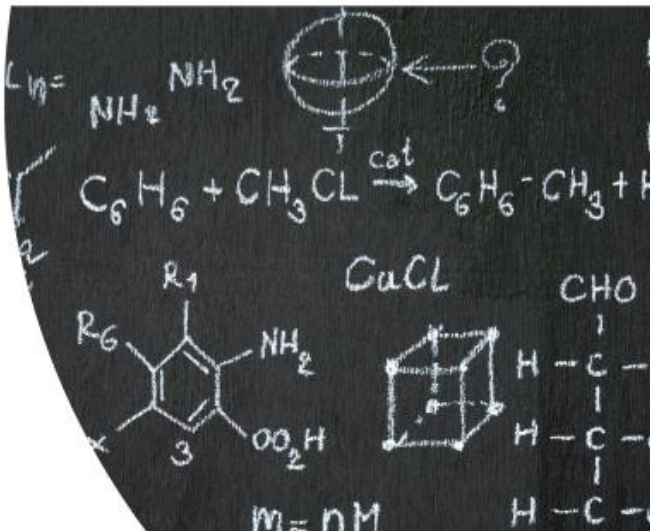




Mechanical pencil-MUCH cleaner lines

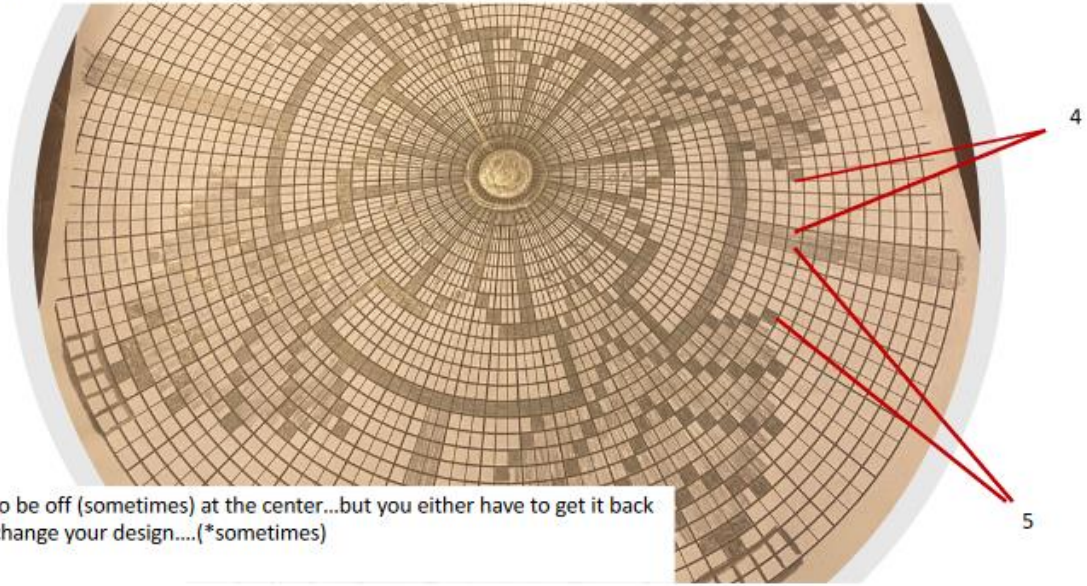
## Design - math ppl stop laughing

- Start at the middle, you need to know how many spokes which takes some math (ie: 48 primaries, 96 secondaries=144 total.....if you want 4 fleurettes, how many spaces does the Fleurette need to take up and how many spaces in between each??)

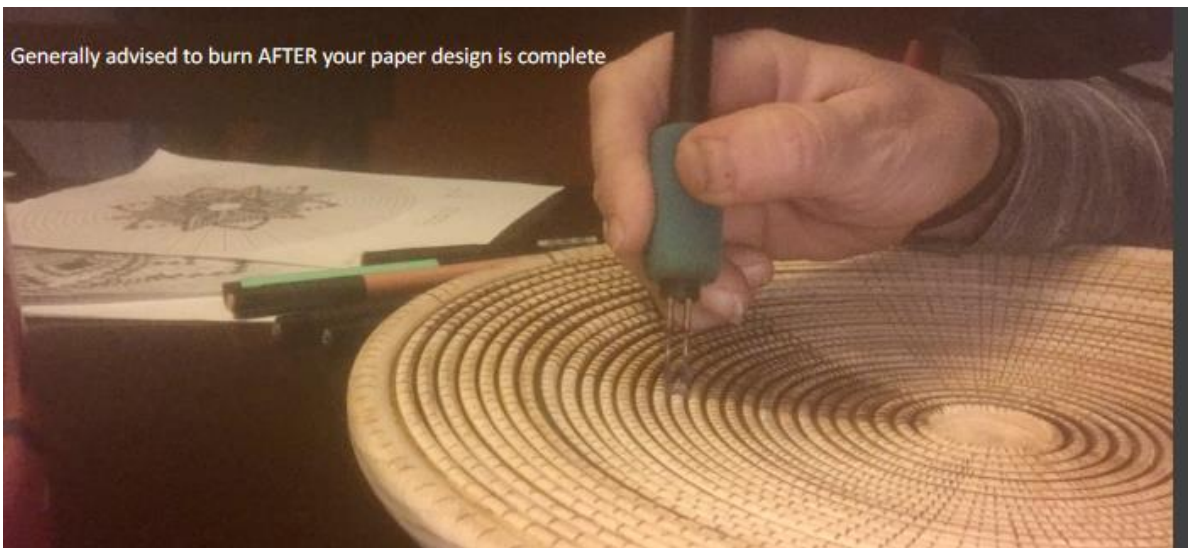
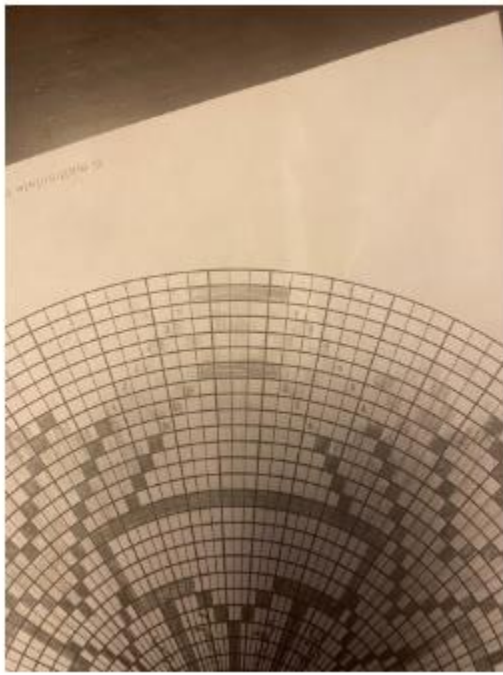


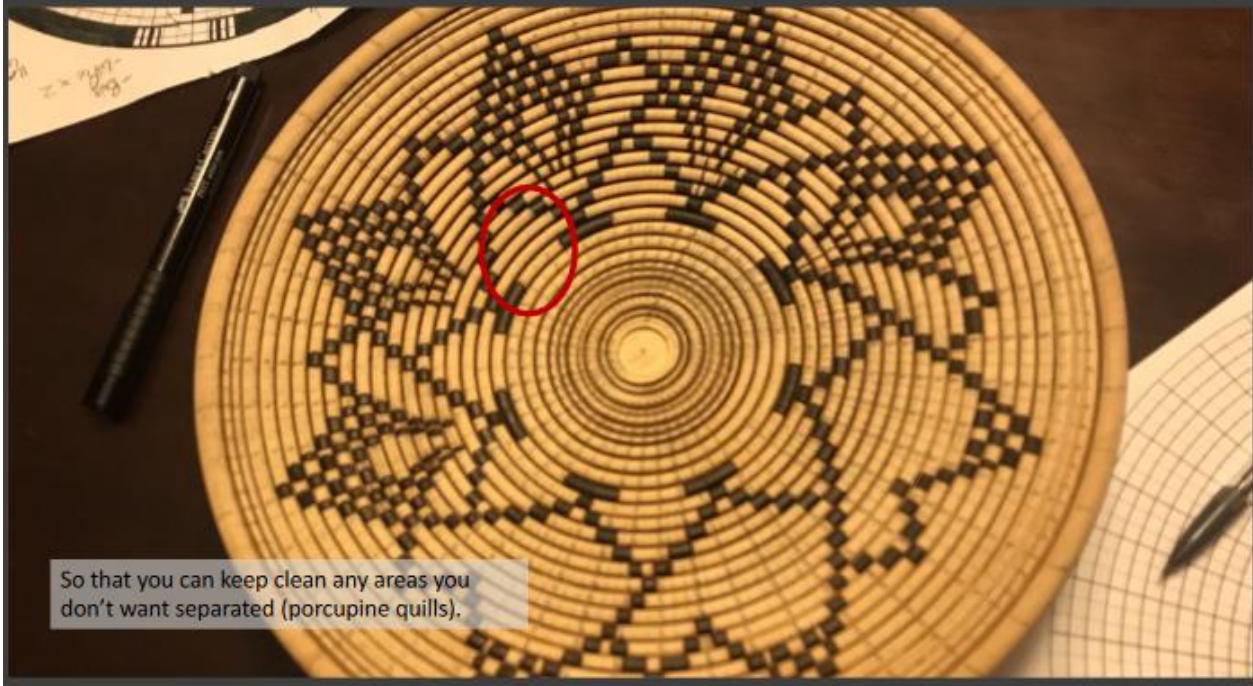


I wanted to carry the spoke all the way out and I can't IF I also want to do another fleurette...count the secondaries on each side of spoke = uneven=won't meet up...but I can do lattice or something else...or not carry the spoke all the way out, or change the fleurette...etc....

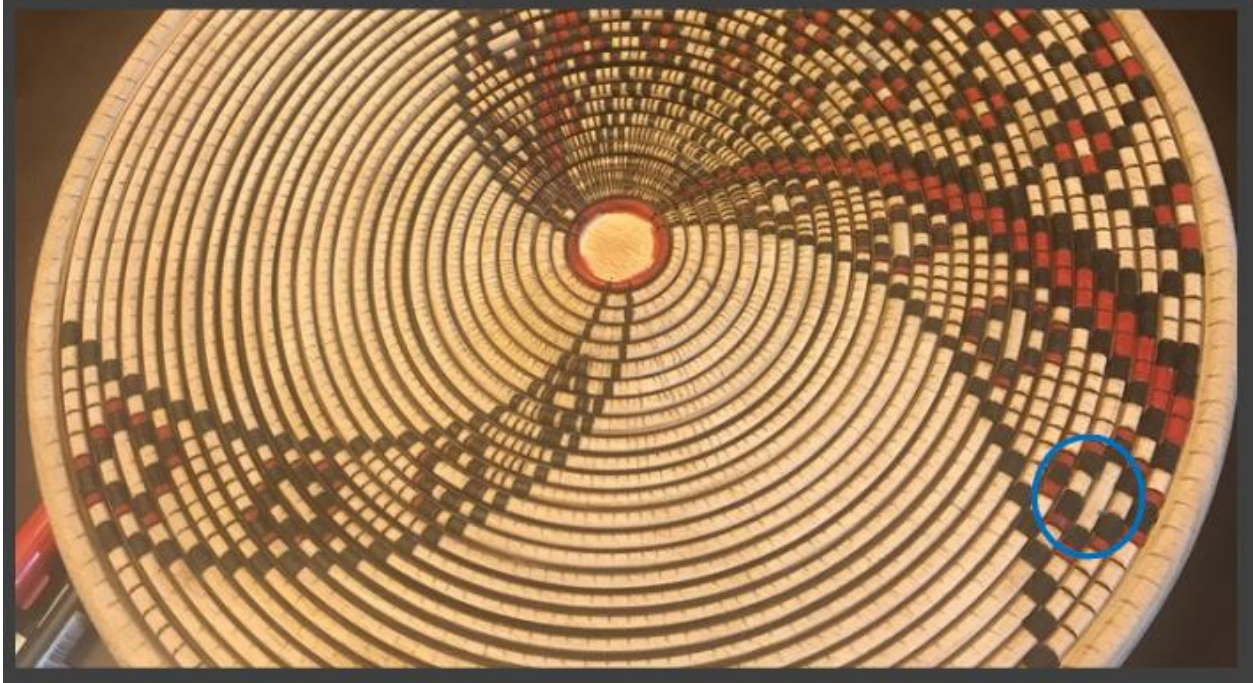


It's OK to be off (sometimes) at the center...but you either have to get it back on...or change your design....(\*sometimes)





So that you can keep clean any areas you don't want separated (porcupine quills).







Use razor blade &/or 320 sand paper to correct burning/coloring errors  
(try to limit sanding the top of a bead as much as possible)



## Resource List

- Wood: Hard, clean maple or Beech
- D-way beading tools: <https://d-waytools.com>
- Burning tips: [www.carvertools.com](http://www.carvertools.com) (\*custom built by PJJ Enterprises to specifically fit the D-Way 178" and 3/16" beading tools)
- Pens: <https://www.dickblick.com/products/blick-studio-brush-markers/?fromSearch=%2Fsearch%2F%3Fsearchword%3Dalcohol%20brush%20pens>
  - Alcohol ink (but regular works well too)
- Grid paper: <https://mathpolate.com/graph/polar>
- Cabachons: [https://www.firemountaingems.com/shop/cabochons?navsrc=top\\_2\\_Cabochons](https://www.firemountaingems.com/shop/cabochons?navsrc=top_2_Cabochons)
- "Basket Illusion Demystified" by Harvey Meyer, October 2016 American Woodturner magazine.

Show and Tell



Scrap wood bowl  
Alumilite Rich  
Froehlich  
finished with  
sanding past and  
Beall buffer



Vase from Linden  
by Sid Bright  
finished in epoxy



Johnstone Burl Sycamore by  
Ralph Weaver finish oil





Display Stand from Walnut, Maple, Cherry and Almond by Bruce Johnstone finished in Lacquer





Pat White showing a jig for segmenting work





Connis Wilson  
Backyard  
Mushrooms from  
Lilac



Mini Norwegian  
Beer Bowl by Ron  
Huft from Beech  
and finished in oil



Mahogany Bowl by  
Ron Huft finished in  
oil



Burl bowl  
from Birch  
Burl, Wenge  
and Cherry  
by Pat White  
finished in  
wipe on poly.



Burl bowl from Birch Burl, Wenge and Cherry by Pat White finished in wipe on poly. Pat felt that this bowl was too squatty



Burl and Resin in epoxy by Rob Lucas finished in polish. This contains the dog tag of a pet that passed away.



Dice Cup  
Black  
Walnut  
by Ron  
Huft  
finished  
in oil



Natural Edge  
Bowl from Walnut  
by Sid Bright  
finished in  
lacquer



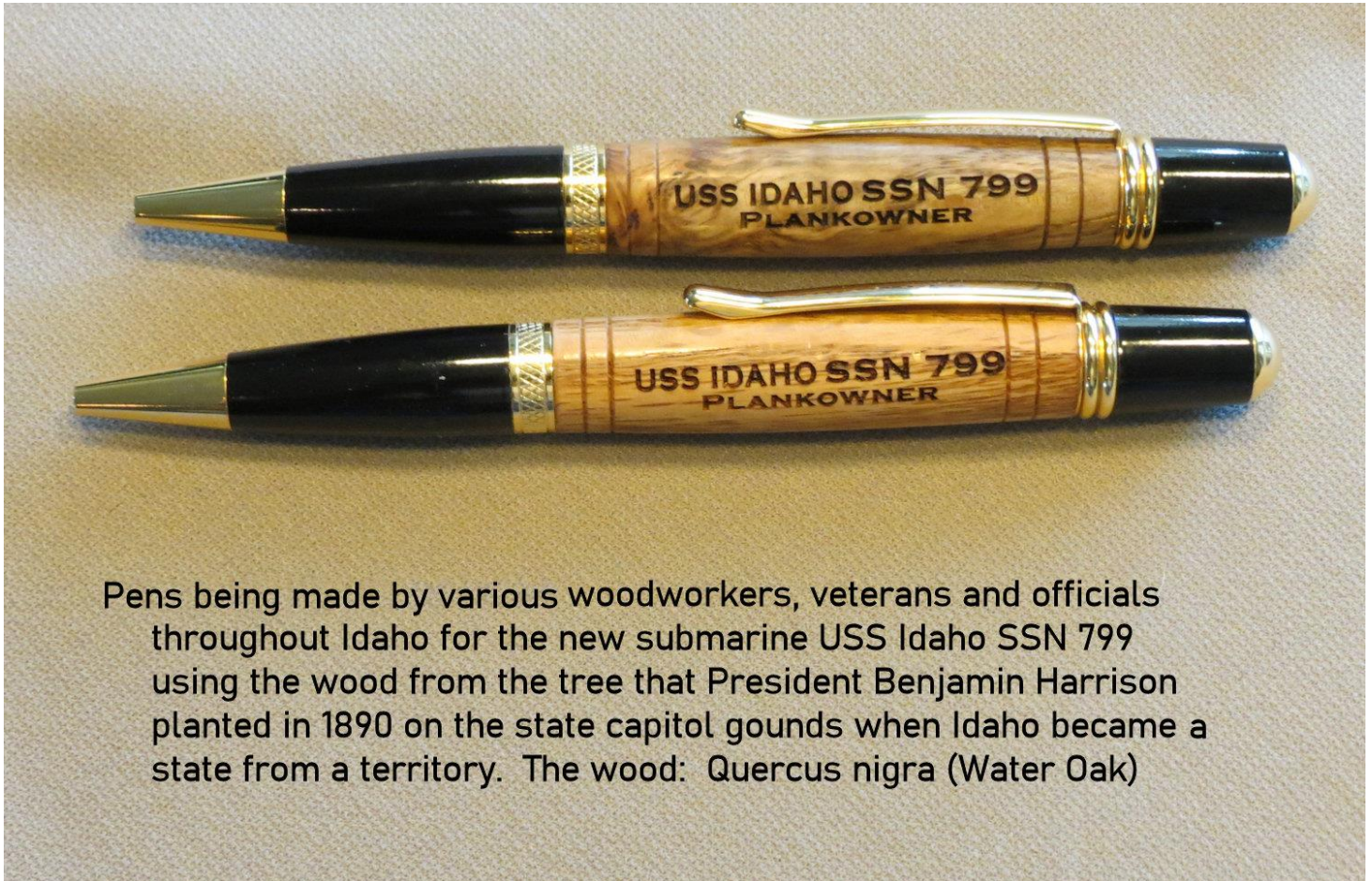
Snifter from Sycamore  
by Sid Bright finished  
in Epoxy



Many books and videos from our cabinet were raffled off plus wood . We will continue to raffle off items from the cabinet through the next couple of meetings,

# Upcoming Events

Pens turned for the USS Idaho



Pens being made by various woodworkers, veterans and officials throughout Idaho for the new submarine USS Idaho SSN 799 using the wood from the tree that President Benjamin Harrison planted in 1890 on the state capitol grounds when Idaho became a state from a territory. The wood: Quercus nigra (Water Oak)

Turning for the Troops was held at Wood Craft starting at 8 am on Saturday November 12<sup>th</sup>. A total of 1269 pens were produced. That makes a grand total of

**21,319**

**pens we have turned in 19 years**

**Christmas Event will be during our regular meeting in December. Board members and advisor will provide desserts and there will be a gift exchange during the meeting.**

New Members



Karen Lockwood



Don Henney



Paul Verhage

Officer Election

Moved by Robi Hathorn and seconded by Ron Huft that Scott Taylor be the President, Sid Bright be the Vice-President and Tom Turco be the Secretary/ Treasurer. Motion Approved

Wig Stand Project



Susan has made contact with a group that is very excited about our group providing wig stands. They can use all that we can make for them at this point. The picture below is Susan giving these two stands to the group.

