



Louisville Area Woodturners

LAW Newsletter November 2014

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Notes from the November 13th meeting:

This is the last regular meeting of the year.

We have 94 Christmas ornaments For the Festival of Trees this year.

The four pieces donated to the Hsparus auction raised \$1850.

We are going to try to have two meetings in January with the weather permitting. The subject for the regular meeting will be candle sticks.

The Christmas party will be December 5th at the Bristol Bar and Grill Downtown. The price is 25\$ for singles and 50\$ per couple. These must be paid by the 28th so we know how many

will be there. Please Contact Parker Curtis. Parking is free in the back.

The Christmas raffle has over \$2000 in merchandise.

David Weller is looking for three people to head up an audio visual committee. This will be microphone set up and running the camera. Three members volunteered.

David could also use more Beads of Courage boxes.

There is a post on the Louisville Area Woodturners on Facebook for spalted maple logs good for turning.

Joe Oberhausen donated some 4 ounce lidded jars.

Random Thoughts

By Bob Faletti

November, my how quickly the year has passed. This is the month we express our thanks, share time with family and begin the transition from football to basketball. Oh, and we can still put off for a few more weeks making

Christmas gifts in the shop for our family.

November saw about 60 members and guests watch Marvin Ewing explain and demonstrate the complexities involved with turning thin a piece and pierce a design into your turned piece of art. Personally I have not yet tried this particular skill set but Marvin's explanation piqued my interest up a notch. Thank you Marvin for another great program.

As a club we are thankful to have so many talented members willing to demonstrate a wide variety of skills.

On behalf of the entire club I thank the members who turned and donated 121 beautiful Christmas ornaments to help the Kosair Children's hospital. Between the Festival of Trees and the Kosair gift shop, \$1,642.00 worth of ornaments helped a very good community outreach project. Again, thank you for helping again this year.

Your board of directors did a great job acquiring and bottling a barrel of end grain sealer. We were surprised when we totaled the numbers from the original sign-up sheet and discovered exactly 48 gallons were requested by the members. (We only had 48 one gallon jugs.) For those members who didn't get their order this month, we will have the remaining

bottles at the January 8, 2015 meeting. Bob Reilly was very generous and donated the 48 bottles used for this project. When you see Bob, tell him thanks. Do we need to continue this service to the club? Let your board members know your thoughts.

I give special thanks to our members who invite and bring guests to our meetings. Keep up the good work. I am grateful for all of our new members. I believe you will enjoy our club and will learn something new each month as we continue to meet, share and learn from each other.

Kevin could use your help with the newsletter. He has said he wants to make it better by adding some additional regular features but needs input from club members.

For example, he wants to start a "For Sale/Swap" column. If you have something you want to sell or trade, contact Kevin. His goal is to publish and send out each month's issue by the first of each month, so keep that in mind.

Kevin also is looking for contributors. Have you checked out one of the DVDs from the LAW library? Did you like/dislike the video? Write a short review and give the video a gauge-up or skew-down rating. (Sorry, but the skew is not my favorite tool.) Have you found a fantastic product that is the next best tool or finish? How about how you made a jig that makes your turning projects easier or even possible? Kevin wants to know and share.

I close with a quick safety tip. Take the time to sharpen your turning tools. A sharp tool does the necessary work without extra effort on our part. A dull tool makes us work harder and contributes to catches or worse, accidents.

Be safe. Have fun. Keep turning

November 13th Demo

The demonstrator for the meeting was Marvin Ewing doing a piercing demo.

Marvin has over 44 years of Experience as a woodturner.



Some examples of his piercing work:



The things to remember about piercing is that it is easier than it looks and have thin pieces 2 to 3 mm thick.

It is easier when you predrill your holes with a depth stop. This will allow you to turn the pieces to the right thickness. When drilling use a random pattern and not straight lines.



After it is turned you can carve or pierce the piece.



Pieces with cracks and defects are good candidates for this.

Enlarge any defects and accentuate them



You can do piercing with a Dremel tool. These do not spin as fast as the air powered versions. An NSK 32000 rpm air tool will sell for around \$500 plus. A cheaper option is the NSK Pana that you can find on Ebay for 20 to 40 dollars. Look for the two hole version but you can adapt four hole type as well.

Never oil these or you will burn them up. They use a turbine for speed.

Marvin likes Flector grip bits 1/16. You can get these 10 for \$15. A bit will usually do one piece.



Marvin used a piece of cherry for this demo. Your goal is a piece that is 3 mm thick. There

is a trick to this you will see later on.

Marvin used a Thompson tools V tool as his starter. The U shape tool is too much to turn.

Always use your tail stock for support as long as you can.

Work from the bottom to the top. Try for a nice curved shape.



The V shaped gouge has long straight wings that allow you to make sheer cuts using just the edge rolled over almost closed.

Flatten the top.



Check for any cracks or defects. Make any cracks bigger. You can fill these. Sand as though it would be a finished piece you were not be going to pierce. Usually and defects are not a

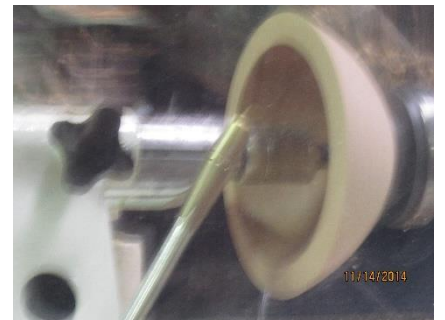
good choice for piercing. Use your own judgment.

Marvin used three different angled gouges for the bowl. A 60 degree for the outside, 70 degrees for the inside and one with about 20 degrees difference to finish the bottom.

The V tool allows you to get started without the tool scooting on you.



Hollow the bowl as usual.



There are three ways to get the thickness you want. You can go inch by inch working your way down. You can drill some holes now through the bowl. Lastly you can use a drill bit with a stop collar set to the 3mm depth. This is the way Marvin prefers to do his.

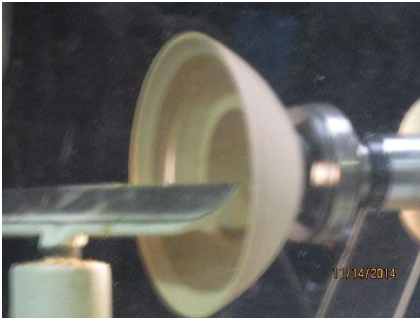
Remember to drill these in a random pattern no straight lines.

Use a good light source on the outside.

Use the edge of the tool almost closed. If it is up it will catch!

Measure the thickness often.

The bonus to predrilling the holes is that once you are at depth the light will shine in.

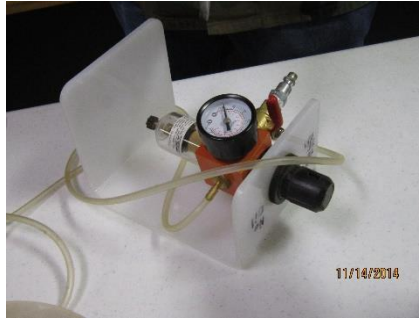


Once your piece is at the correct thickness and shape you are ready for piercing.

A Dremel can be used for this but it only runs at 25000 rpms. It wears out your hand quickly.

For the air tools use a regulator. It has to be under 38 psi or it will burn up the air tool. Marvin set his between 28 and 35 psi.

A 3/4 horse power 1 gallon air tank or bigger is preferred.

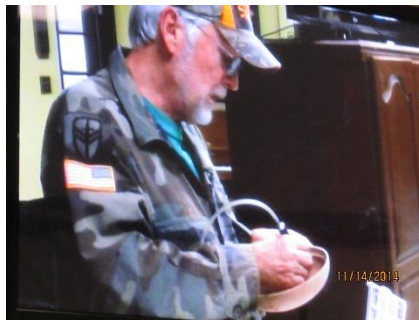


Do not use diamond coated bits.

You have to pierce in a straight line or the bit will bind and break.

Remember that the bit comes out the other side. Watch those fingers!

You can be as creative as you want to be. You can use premade patterns, free hand or cut shapes out in the piece.



Show and Tell



A maple platter by Josh Hahn.



An electric candle.



Three Bowls by Ron Thomas.



Ornaments by Dennis Hartman.



A spalted piece by Bob Faletti.



Maple burl piece by Joe Oberhausen.



Twin pieces by Richard Stottman.

Bonus Turning

On November 5th Robin Costelle did a demonstration at the Louisville Nature Center. The theme was a quick, easy and cheap Christmas present... a screwdriver.



You can get the kits for these at Pennstate for \$8 or a new one from Harbor Freight for \$2.



Both have removable shafts and bits.

For this demo robin chose bubinga. You will need a piece 4 1/4 long and 1 1/4 thick. The length may vary by the shafts length. You can laminate pieces together also. The design is up to you. The hole is 3 7/8 deep to allow room for the shaft to seat and have room so it does not hit the bottom.



The seat has a notch that the shaft clicks into. It fits in a 1/2 inch hole about 7/8 deep.

If you use a screwdriver already made for the parts you will have to remove this piece.



Place it between centers.

Carefully turn away the end until you can remove the insert.



Drill a hole $\frac{1}{2}$ inch wide and $5\frac{1}{2}$ to $5\frac{7}{8}$ deep.

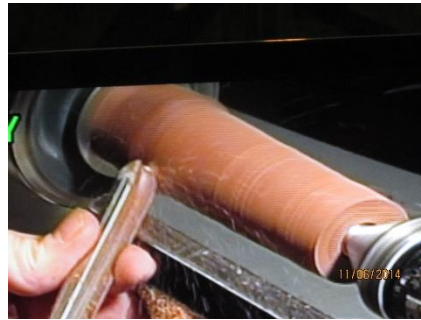


Open the hole to fit the nut. You want a snug fit with room for epoxy. You will hammer this in place.

Find a handle shape that fits well in your hand. It can be bigger or smaller whatever you prefer.

Turn the handle into rough shape between centers.

Allow about an $1\frac{1}{4}$ at the end past the end depth.



You can add a V groove and bead at the end. Do one side and then the other larger to smaller diameter meeting in the middle.



Face off the top with a nice clean, light cut.

At the thinnest point of the handle you want about an inch thickness.



Sand and seal the piece. Blend all the curves together.

You can part it off or reverse the piece and then part it off. A bit of blue tape will help you hold the piece without marring it.



Sand and finish the end.



Here is hoping everyone has a safe and happy holiday season. We will see you in 2015!