



Contains October 2021 Minutes

November 2021

**BUCKEYE WOODWORKERS
AND WOODTURNERS
October 9th, 2021**

**Anyone wishing to submit pictures for the
newsletter please send them to the editor within
two days of the meeting**

*******Note*******

**Buckeye Woodturners Meeting
Northwest Family Rec Center
1730 Shatto Ave.
Akron, OH 4431
& ZOOM Video
October 9, 2021**

*Respectfully submitted,
Mark Stransky*

The October 9, 2021 meeting of the Buckeye Woodworkers and Woodturners was held at the Northwest Family Recreation Center in Akron, Ohio. There were more than 45 members signed in for the meeting.

Today's demonstrator is Jason Clark. Jason will be demonstrating how he makes his Saturn bowl.

George Barlow was today's host and welcomed all to today's meeting, the first meeting in the club's new meeting location. George thanked club members Jack Boggio and Mark Stransky and all who helped with moving to the new meeting location.

George introduced today's demonstrator and gave an update on the next meeting. The November demonstrator will be Jack Boggio and his demonstration will be making holiday ornaments. George Raeder will be the December demonstrator.

The BWWT Newsletter "Did You Read It" challenge is still going on. This month's winner was Chuck Nunley. He will receive a \$20 Hartville Hardware gift card as a prize. There were 6 members who read the newsletter and responded to Mark Stransky with the key word. That is a little light compared to last month's 18 entries, so most of you are missing out on a chance at a \$20 Hartville Hardware gift card – don't forget the tool sale coming in November. As a recap, this is how it works: the first dues paying member to see a keyword buried somewhere in the newsletter and emails back to Mark Stransky that they have found it and where in the newsletter it was, will win a Hartville Hardware gift card. The new keyword for this newsletter is "ball". Please keep in mind that the keyword used in the previous sentence doesn't count as a winning entry.

George announced that the Hartville Hardware tool sale will be November 19 and 20. As in years past, BWWT will have a demonstration booth at the sale. Volunteers will be needed to man the booth during the sale. Let any of the officers know if you can help out with the booth.

George let everyone know that now is the time to think about next year's officers. Candidates who have volunteered so far are Bob Hasenyager for vice-president, Mark Stransky for secretary and Dirk Falther for treasurer. Anyone who would like to throw their hat into the ring to be an officer should let any of the current officers know. The November meeting will have a final call for nominations followed by the official vote.

George also announced that BWWT will be participating in the Beads of Courage program. Information on the program can be found at www.beadsofcourage.org.

Dirk Falther gave an update on the club finances. He also let everyone know that dues for 2022 will need to

be paid starting next month. Each member will receive an email with details before the next meeting. Bill Marble gave an update about a wood and tool auction that will be held in October. Stay tuned to your email for further announcements.

George Raeder announced the BWWT winners at the Wayne Center for the Arts Woodturning Show. Congratulations go out to the winners and thank you to all who submitted entries to another impressive show. BWWT winners were:

Kevin Dalton – 1st place in vessels and Overall Best of Show

Richard Rohr – 1st place in boxes and 1st Runner Up – Best of Show

Bill Marble – 2nd place in plain platters, 2nd place in plain bowls, 1st place in spindles

Mark Stransky – 3rd place plain bowls

George Raeder – 1st place in sculpture

Jack Boggio – 1st place in decorated bowls, 3rd place in decorated bowls

Dave Wells – 2nd place in spindles

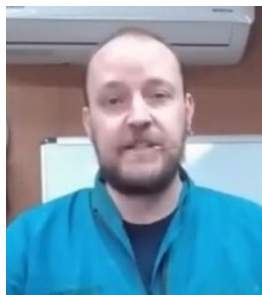
Saturn Bowl Demo

Jason Clark

October 9, 2021

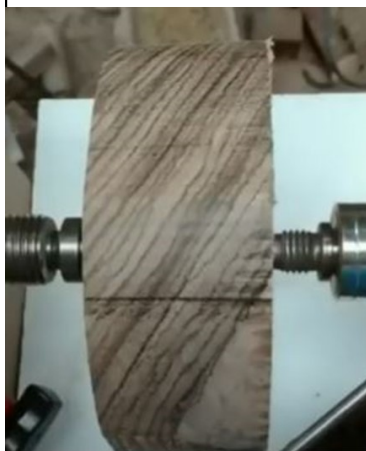
*Respectfully submitted,
Mark Stransky*

Today's demonstrator is [Jason Clark](#) and he will show how he makes his Saturn bowl. Jason is from Algonquin, Illinois, which is west of Chicago. His website is www.jtcturning.com and his email address is jclark58@gmail.com.



Jason started the project with a kiln dried Zebrawood blank that was about 6" diameter and 2" thick. He mounted the blank between centers and started by

removing what would be the bottom corner of the blank. Jason will use a 1/2" bowl gouge with a long side grind for almost all of this project.



The next step was to start cutting the bottom of the wing. It is very important to make the bottom of the wing as near perfectly flat as possible. He did this by taking short stepped cuts across the bottom of the wing and then shear scraping across the bottom to blend the surface smooth and flat.



After he had the bottom of the wing to his satisfaction, he cut a tenon on the bottom of the bowl section. After the tenon was sized, he used a spindle gouge to add a dovetail detail on the tenon. Before moving on, he trued up the outer diameter of the wing.



The next step was to mount the blank in the chuck and start cutting the top of the wing. This was done by stepping down the top surface in short stages with a push cut moving from the outer diameter toward the middle of the piece.



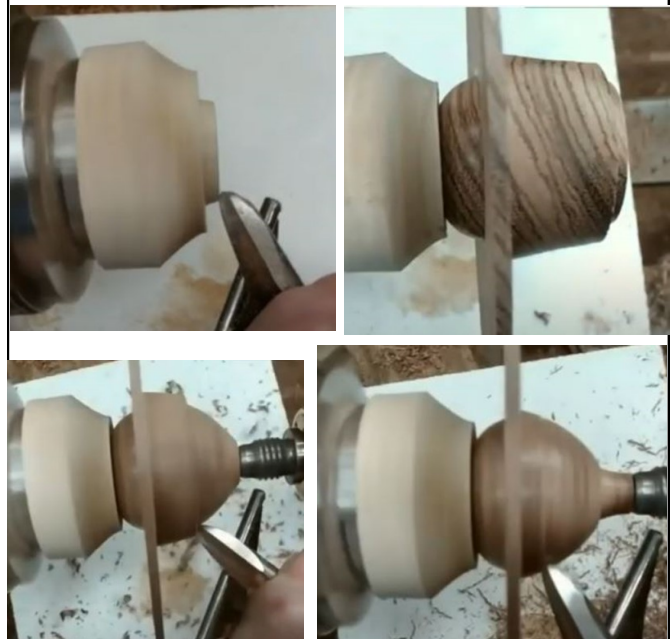
As he progressed across the top of the wing, he supported the underside of the wing with his fingers to reduce the amount of vibration as he was cutting. As he completed each section, he shear scraped and blended the bottom so that the surface was smooth. He kept cutting across the surface until it was about 1/8" thick. Jason cautioned that as he moved across the bottom it is important not to try to go back over an area that was complete due to vibration and movement that could occur in the thin sections.



When he was satisfied with the wing, Jason made the top of the bowl section a little shorter, shaped the outer surface of the bowl above the wing, and then began hollowing the bowl. The corner where the bowl met the wing needs to be a very sharp corner. He made sure to check that the top of the bowl fit closely to a PVC coupling that would be needed later. The wall thickness of the bowl needs to be about 1/8" thick and the inside of the bowl should be spherical. He smoothed up the inside of the bowl with a round end scraper.



At this point in the project, it would be time to finish sand the top of the wing and the inside and outside of the bowl up through the grits. After removing the bowl from the chuck, Jason made a jam chuck to fit the opening in the top of the bowl. When he was satisfied with the fit, he started to shape the bottom of the bowl, making sure that the area where the bowl meets the wing that the bottom of the bowl was the same diameter as the top of the bowl. It is also important to make sure this area is also a very sharp corner. The outside of the bowl should be a spherical shape to match the inside of the bowl. After the bowl has been shaped, sand the bottom of the wing up through the grits.

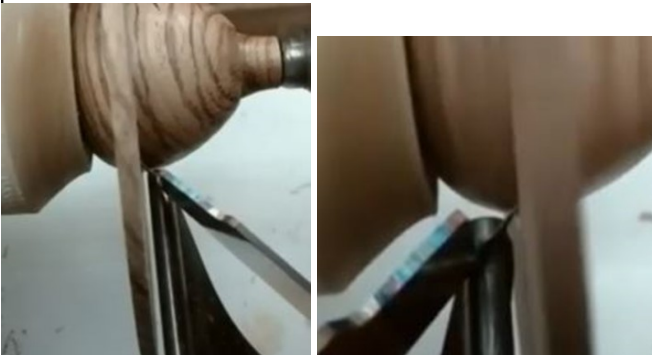


After shaping the bottom of the bowl, it is time to cut the bowl free from the wing so that it spins. Jason uses an ultra-thin micro parting tool for making these cuts. This tool has been ground special so the cutting

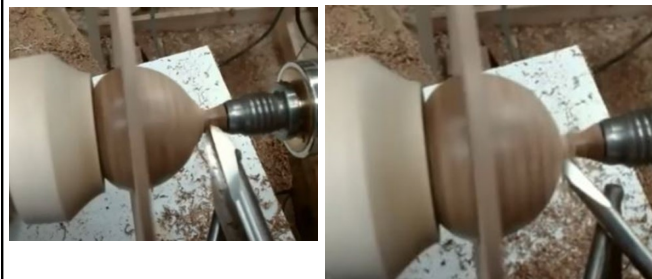
edge is about 1/64" thick, 1/4" tall and 1/4" wide.



When using this parting tool, it is important to keep the toolrest as close to the work as possible for maximum support of the tool. The tool should cut on center at about a 45° angle off of the surface of the wing. This cut should be straight in and straight out in a very deliberate action. It is best if the lathe is running about 600 – 700 rpm and the cut should only go about half way through the thickness of the wing. It is critical that the cut be made in the sharp intersection of the bowl with the wing. After cutting on the bottom surface of the bowl, move the toolrest around and repeat the cut on the top surface of the bowl. The wing should now spin freely, independent of the bowl.



After the bowl has been cut free of the wing, finish shaping the bottom of the bowl. It should be turned as close to being a sphere as possible. If the bottom is shaped more like a ball, it will allow the bowl to be displayed in a more dramatic manner when the wings are rotated. When the bowl is almost done, back off the tailstock and remove the nub on the bottom. At this point it is time to finish sand the bowl up through the grits.



The next step is to remove the bowl from the jam chuck and then finish the top surface of the bowl. It is very important to not pull on the wing parallel to the grain. It should only be pulled off the jam chuck with your fingers perpendicular to the grain of the wood or there is a risk of breaking the wing.



The next step is to mount the bowl in the PVC fitting. The fitting must first have a slight taper turned on the inside of the opening. Mount the bowl so the bottom is in the fitting. If the fit is a little loose, reduce the height of the fitting so that the top of the fitting is in an area with a narrower opening; this should make the fit tighter. Then loosen the chuck and set the fitting at a slight angle so that the piece turns off center similar to making an offset turned spindle.

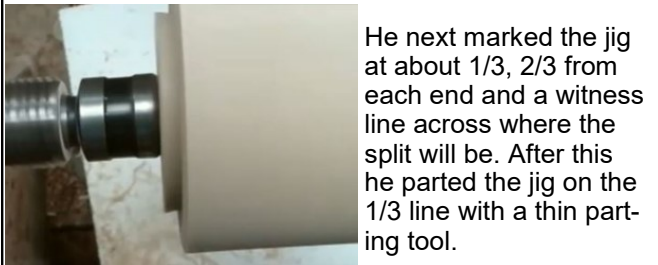


Start cutting on the top surface of the bowl. As the piece rotates during the cut, the top surface will be cut at an angle to the wing. This will give the illusion of the wing rotating at an angle around the bowl.





The next step is to cut another loose ring in the wing. Jason started out by making a jig to hold the bowl securely. This jig is made from poplar and is about 4" long and 4" diameter. He started out by mounting the jig between centers in spindle orientation and then turning it to a cylinder. After making the cylinder, he cut a dovetail tenon on each end.



He next marked the jig at about 1/3, 2/3 from each end and a witness line across where the split will be. After this he parted the jig on the 1/3 line with a thin parting tool.

After parting the jig in two pieces, he mounted the shorter piece in the chuck, faced off the front surface and hollowed it out with straight sides and a flat bottom.

When this was done, he mounted the larger piece and repeated the hollowing out.



The next step was to place the bowl in the jig and bring up the tailstock to hold everything in place. By putting the bowl in the jig so that it was not centered, an offset

ring will be made when the next ring is cut. After making sure that the bowl was running true, it was time to cut the last ring free. By using the outside surface of the jig to locate the 45° cut, the cut was made on both sides of the ring in the same location.



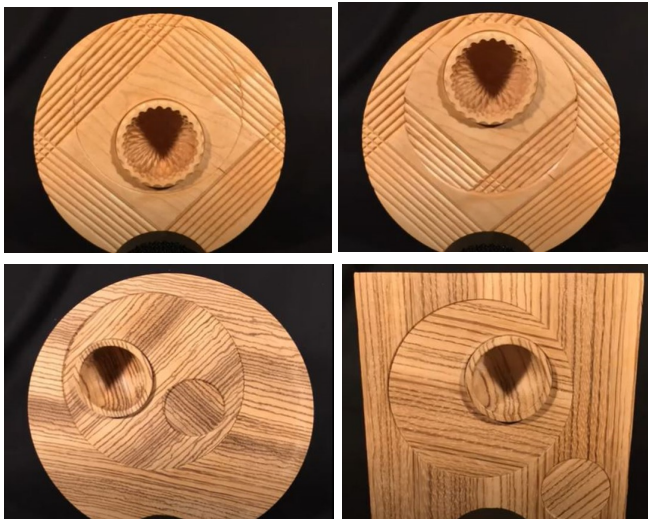
Jason went on to explain that if more rings were wanted, it only requires that a different size jig be made so that additional cuts can be made. Each size jig will make different

size rings and this also allows different offsets for each ring to be made. The different size rings can also be used over and over for future bowl projects. There also is the question of which order the different size rings should be made. It really doesn't matter what order the rings are made. However, if the smaller rings are cut first, it allows more flexibility on the positioning of each ring on the wing.

The finish that Jason uses on all of his work is Watco natural Danish oil. He typically applies 1 or 2 coats to each piece. He also uses a small paint brush to get the oil into the cut joints. By working the oil into the joints, he both seals and lubricates the joints so the rings spin freely.

Shown below are some of the variations of Saturn bowls Jason has made.





Jason gave a very good presentation today. He included also some tips on how he sharpens his gouges so that the edges are very repeatable. He also has a booklet on turning Saturn bowls available on his website.

Wood Collecting for BWWT By Jack Boggio

Last spring, Hoby Horn had a couple cherry trees fall over and he gave them to BWWT for turning stock. All we had to do was get them out of the forest. On October 12, Ray Marr took his trailer to Hoby's. We all headed into the woods to collect the wood. The work crew consisted of Hoby Horn, his daughter and son-in-law, Ray Marr and his grandson and Jack Boggio. There were three trees of about 30 feet each.



After driving through the woods and cornfields in ATVs led by Hoby on his tractor, we came to the fallen trees. After short work with a couple chain saws, the wood was ready to haul out.



Some of the wood was loaded into the bucket of Hoby's tractor and some was loaded onto the ATVs. Multiple trips were made out of the woods to the trailer.



Once back to the trailer, the wood was loaded for transport back to Ray's house where it will be milled into turning stock and offered to the club members.





Hopefully we will be able to make different woods available to BWWT members each month at the club meetings.

If you are interested in joining the wood collecting team, contact either Ray Marr at 330-603-8500 or Jack Boggio at 330-696-0791. Earn great pay for your services. You will get a free chunk or two of wood!

SAFETY NOTE

Be sure to use proper safety equipment including eye, hearing and breathing protection whenever you are working on projects in your workshop. Make sure that you fully understand and follow the safe operating procedures for every piece of equipment that you use.

ONE FINAL THOUGHT – JUST FOR THE HECK OF IT

When you talk, you are only repeating what you already know. But if you listen, you may learn something new. – *Dalai Lama*

Calendar of Events

PLEASE NOTE

**BWWT MEETINGS ARE HELD ON
THE SECOND SATURDAY OF EACH
MONTH BEGINNING AT 9:00AM**

**BWWT Library Online Guide brought to
you by the BWWT Club Librarians, Dirk
Falther and Bob Hasenyager.**

The online guide lists the books and videos that
are available in our club library along with de-
scriptions on the subject matter and other useful
information. Follow the link below to check it out.

<http://uh.cx/uVS1S>

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