



Contains September, 2014 Minutes

October, 2014

**NO MEMBERS OR VISITORS
SHALL ENTER OR EXIT THE
CAMP VIA THE CHRISTMAN
ROAD ENTRANCE. MEMBERS
MUST ENTER AND EXIT FROM
MT.PLEASANT ROAD.**

BUCKEYE WOODWORKERS AND WOODTURNERS September 13, 2014

The BWWT meeting for Sept was called to order by Pres. Bill Seabolt. He thanked everyone for coming and hoped that they would have a good day. Bill did mention that there has been a slate of officers presented to the executive committee and that they will announce their decision at the October meeting. A vote will be taken by the membership at the Nov. meeting so the officers will be ready to take office at the Jan. 2015 meeting.

John Lucas, a nationally known wood turner will not be with us during his scheduled visit this fall, due to a medical illness. We are thinking about having a multiple station turning demonstration on Christmas ornaments during the Oct. meeting. Anyone who had paid for a Hands On turning session for the John Lucas experience, will be getting a refund from the treasurer.

The Nov. meeting will feature Dave Hout on metal spinning. There will be a Hands On activity for the afternoon. The Hands On session will cost \$5 if you choose to just turn a metal piece. If you intend to purchase the tool that you will be using, then the cost will be approximately \$60. Contact Mark Stransky, treasurer, to make the payment.

In Dec. we will have a turning demo with a skew. The demonstrator will be Ben Fix. He will also show the use of a spindle gouge with a swept back grind design.

In January the demonstrator will be Tim Niewiadomski and he will demonstrate the turning of a square bowl.

In Feb. we will have George Raider demonstrate the use of a vacuum chuck.

In March, Dave Wells will demonstrate the use of a ball bearing guide system.

Pres. Seabolt announced that we will be having a tool giveaway event. We will give away four turning tools to members in the club whose lucky number was picked from the jar. The tools will be a Sorby Micro Spiral tool, a Sorby spindle gouge and two bowl gouges. The winners in the drawing were Pete Cirjak, Bill Stone, John Dru and Bill Seabolt.

The name tag drawing was won by Dirk Falther. We also had some gift certificates from Packard Woodturning to give away. They were won by Bill Noce, Jerry Wheeler, Dave Bartlett, and John Dru.

Two people were picked to show off their turnings in the Show and Tell. They were Dirk Falther who showed us the peppermill that he made. He stated that it was made from sassafras and he used a tung oil finish and let it soak into the wood. He said that he prefers the use of ceramic grinder mechanisms for his peppermills. The other Show and Tell participant was BJ Wrobel. He showed us the cherry bowl that he made from crotch material. He said that he used a satin lacquer on the piece. He made mention that it was turned green and allowed to dry.

Ray Marr stated that he had club hats for sale for \$10.

Mark Stransky, treasurer, stated that he had tool steel available for making turning tools.

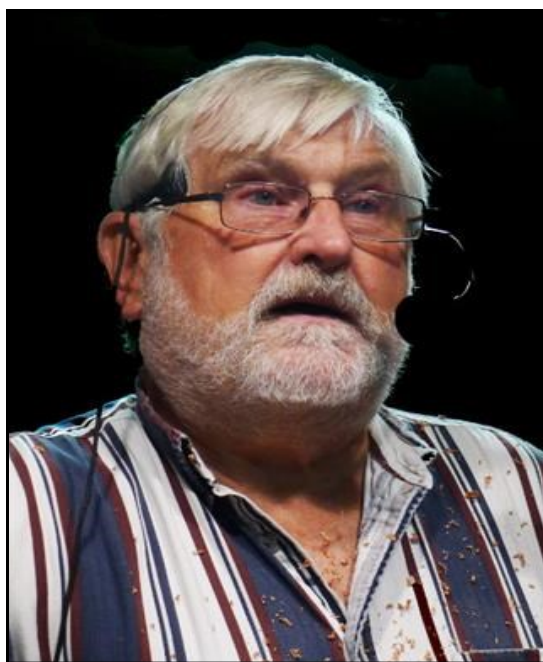
Bill Seabolt mentioned that the Paul Bunyan show will be held in Cambridge Ohio on Oct. 3, 4 and 5 at the fair grounds. We need demonstrators for this show. Anyone interested should contact Bill for tickets. There will be shared time with the big Powermatic lathe and people may sell their items during the show.

It was announced that the Larry McCardel estate tool sale will be held on Sept. 19, 20 and 21 from 9 am to 5 pm each day. Wood is also available. Bring checks or cash. There will be a lot of great items and they will be fairly priced.

Hoby Horn indicated that he had a lot of free wood in his truck that members can have.

Respectfully submitted
Jerry Schaible, Sec.

Joe Herrmann, Bowl Turning
Sept. 13, 2014



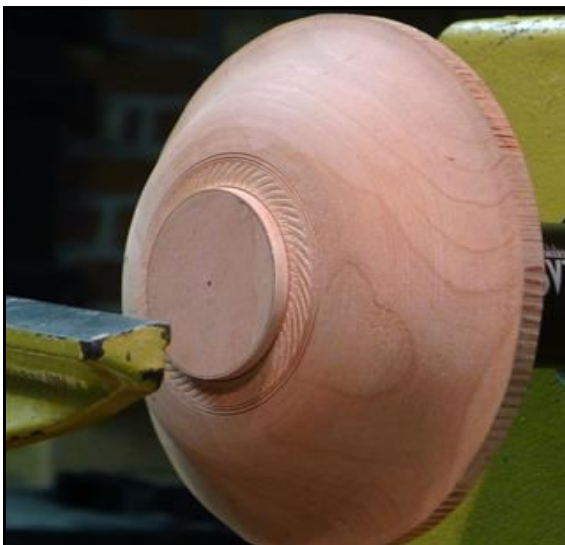
Joe Herrmann, editor of Wood Turning Design, was the demonstrator for today. He will show how to turn a round bowl and also a square designed bowl. He stated that he usually shows his demonstrations on smaller projects since they are quick and easy to complete. He said that with larger pieces, there is a lot of time throwing chips and not much time for talking about the process connected with what he is doing. He also stated that the instructions for this demo can also be found in Issue no 43, page 54 and Issue no. 45, page 64. Pictures are also included in these

articles.



Round Bowl. Joe started with a screw chuck to hold the piece on the lathe. The screw chuck was a Jerry Glaser model that fit the Powermatic lathe. He said that it had an outer ring on the Glaser model that helped support the piece with a screw chuck protruding from the center. He stated that the screw can be made shorter with the use of a wood spacer if the wood blank is too thin. He said that the Glaser chuck takes a 1/4" pilot hole and drilled to a depth of about 1 1/4 inches. When mounting the blank he screws it down onto the chuck and then gives it an extra tug to make sure that the blank is secure to the chuck base. With the blank mounted on the lathe, he will begin to turn the bottom of the bowl. He will turn the tenon on the bottom of the bowl to become the foot of the piece. This will be the part that will set on and touch the table. Joe uses a Vicmarc and therefore he will make the tenon diameter to fit the minimal opening of his chuck to get the best holding power.....where the jaws are almost a perfect circle. So for the Vicmarc, this would be a diameter of approximately 2 1/4 inches. The tenon will be approximately 1/8 inch thick. He will use a bowl gouge to get rid of the material to the outside of the tenon and remove excess material. The shape or profile that he tries to achieve is the ogee shape. His first attempt will be to cut a cove shape near the top of the rim. Then when he is satisfied with the top shape, he will take off the remaining corner near the middle of the blank. This will be a thin cut near the foot or tenon and then a sweeping pull cut toward the cove shape near the top half of the exterior part of the blank. So therefore, from the tenon he will make the exterior in two steps, the cove and the bead shape to create the ogee design. He will use a nega-

tive scraper to take off some fine shavings and follow the ogee design. He uses a Thompson tool that was a 1" skew and he reground it to make a negative rake scraper. When making all these cuts, he will try to use and move his body as much as possible to make these cuts, over the use of only his arms. He said that will give him a much more secure cut with the utmost accuracy. He likes to power sand all his pieces because it gives him a nicer finish. With power sanding, you will use a right angle drill and a mandrel with a rubber disc attached. The rubber discs provide the support for ridgid pads that can be purchased for power sanding. Joe will sand through the grits from 150/180 grit through all the grits until his last grit used will be 400 grit. He will sand with one grit until the marks are removed from the previous grit. He mentioned that the area next to the tenon is the toughest part to sand. So he will use a spiral tool to mark an imprint next to the tenon. He



will outline the texturing with two cut lines that he made with the tip of his skew. He said that one should be careful with this texturing to make sure that the tool does not skate and cause marks where you have decided you do not want them. He uses a small brass brush to remove any chips or fuzzy remains that have been left there by the spiral texturing.



At this point he will remove the half turned bowl from the Glaser screw chuck and remove the chuck. He will thread his Vicmarc on the lathe and then mount the tenon of the bowl into the jaws of the Vicmarc. He will now hollow out the center of the piece. He usually will cut a groove or lip about 1/3 of the way in from the outer rim. This could be a groove, lip, or bead placed in position for a nice contrast in shape. Then he will cut a rounded edge or bevel toward the outer rim of the piece. The interior of the bowl will be shaped using a bowl gouge. Due to the uniqueness of the rim design, the bowl may have thicker walls in some areas while thin in others. The interior of the bowl will now be sanded through the grits similar to those used on the exterior.



The piece will now be removed from the Vicmarc chuck and then remounted so that he can clean up any marks left by the chuck jaws on the sides of the tenon as well as making a classic design on the interior of the tenon for decorative purposes. He will make a jamb chuck to hold the piece in position. Or he will use a vacuum chuck to hold the piece. Or a third method will be to use a small mouse pad or protective foam over the Vicmarc chuck and then align the tailstock in the small indent in the tenon to have it centered in position. Tighten up the tailstock only slightly in order to hold the piece in position. Cut a shallow cove in the bottom of the tenon and leave a bead or button for decoration. Joe also used the tip of his skew to cut two fine lines around the button and before the edge of the tenon. These are used to write the name of the turner, date, and type of wood used. He also cut a small cove in the edge of the tenon to get rid of the jaw marks left by the Vicmarc chuck.



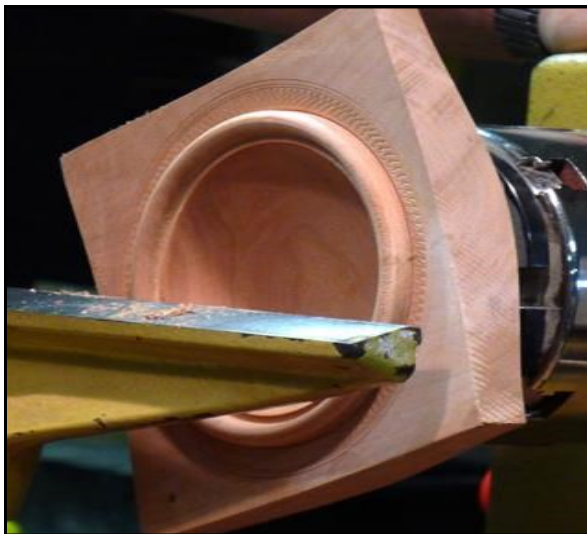
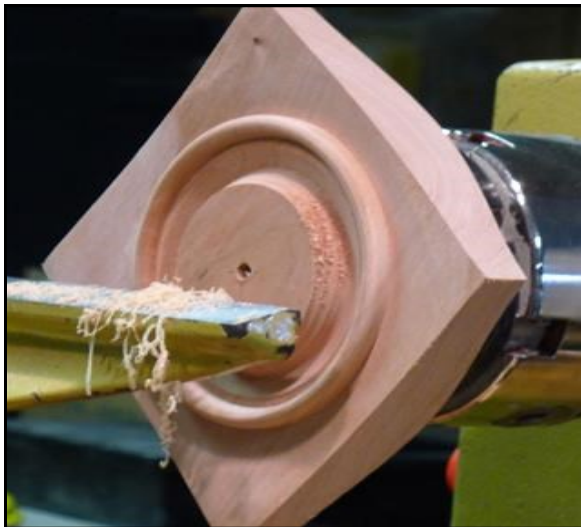
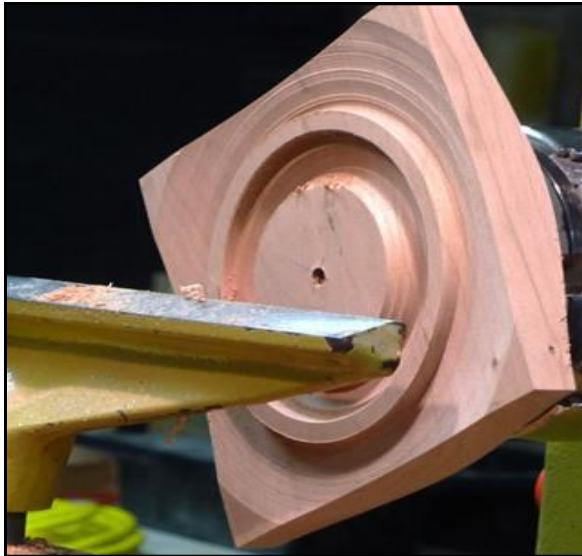
The Finish. The first coat that Joe uses is a coat of linseed oil that has been cut 50/50 with mineral spirits. He said that by thinning out the oil, it is able to soak into the wood much easier. He will allow the oil to sit on the piece for about 5 minutes and then he wipes off the excess that did not soak into the wood. He said that the linseed oil brings out the grain in the wood and also shows up any defects that may have been left in place by your sanding procedure. Now would be the time to sand those areas again to clean them up. He allows at least a 24 hour drying time. He stated that because linseed oil is getting to be so expensive [approximately \$50 per gallon], He now uses Watco Danish Oil. He said that he can purchase it in smaller quantities, then use it up, and it is readily available. This will allow him to have fresh product all the time. The second step after the oil has dried is to coat the piece with satin Deft lacquer. Use a T-shirt material and apply a good coat to the piece. Allow the Deft to soak into the wood for about five minutes, then re-

move the excess finish with a cloth. Allow a 4 or 5 hour drying time for the Deft. After the Deft has dried, then use 0000 / 4-0 grade steel wool to sand the surface of the piece. You will get a white dust residue and this has to be removed with a dry rag or blow it off with a compressed air nozzle. Also inspect the piece to make sure that all fine steel wool pieces and residue are removed. After the surface has been cleaned, then apply another coat of linseed / Danish oil and let it sit for about five minutes. Wipe off all the excess oil and allow to dry overnight. Make sure that you dispose of the oily rags in a proper manner so that they do not become a fire hazard. Joe has used this finish for the last 35 years and he states that he has great luck with it over this period of time.



Square Bowl. The square bowl was turned in relatively the same manner as the circular bowl above. Joe mounted the square blank [6 1/4" square by 1 5/8" thick] on the Glaser screw chuck. He turned a small foot just a bit larger than the minimum diameter of his Vicmarc chuck. This gave him a tenon of about 1/8" deep and 2 1/4" in diameter. Then he made a cove cut near the top exterior of the bowl. He warned that we should take small light cuts in this area since the corners are exposed and we would not want to take a big chunk out of the edges. He suggested that we look at the opposite side of the bowl to actually see what we are cutting, not at where the tool is working. After the cove cut has been made then place the turning tool next to the tenon and use a pull cut to make a bead cut toward the cove. Feather the two shapes together. This should make the Ogee design that he likes. Use the power sander to sand lightly and bring the two shapes together.

Remove the blank and reverse it in the Vicmarc chuck. Turn two 1/8" grooves in the top surface with a



parting tool. The inside groove can be deeper. Create

a small shelf on the inside groove and then turn the bowl depth as desired. This small shelf is where the bowl will be mounted in a larger chuck, when you have completed all the steps for the top and want to reverse it to finish off the tenon. The two grooves should be about $\frac{1}{4}$ " to $\frac{3}{8}$ inch apart. The remaining ridge after the two grooves have been cut may be shaped into a bead for a more pleasing appearance. Use a negative ground scraper to remove some of the wood toward the corners. This should provide a very delicate cut that will leave a very clean surface. If there are any tool marks remaining, they can be removed with a paddle sander when the lathe is stopped. This hand sanding of the corners or wings, should provide a very clean surface. Clean out and sand the inner part of the bowl with alternate fine grits to the desired finish.



Reverse the bowl into a larger chuck so that the jaws can fit into the shelf that has been left at the top of the bowl, next to the raised bead. Here is where Joe used an Easy Wood chucking system. This was appropriate since he could interchange the jaws with a minimum of effort and difficulty. He stated that the Easy Wood chuck system is very good but also very expensive. When reversed, he worked on the tenon. He turned a small cove on the tenon edge, because he said that he wanted to remove all evidence of how the piece was held in the chuck. So any chuck jaw marks or burnished areas would be removed and sanded. Then he cleaned out the center of the foot and left a small button in the center as well as two signature lines where he placed pertinent information about the wood used, date turned, and the creator of the piece. The finish used is the same as was described above for the round bowl.

Respectfully submitted
Jerry Schaible, Sec

Calendar of Events

PLEASE NOTE

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

October 11, 2014... October....Possible ornament multi station demo and hands on activity. Topics would be birdhouse ornament, hollow globe, Christmas bell, and Christmas tree ornament.

November 8, 2014Dave Hout will demo "metal spinning" Hands - on to follow.

December 13, 2014.....Skew demo

January 10, 2014.....Tim Niewiadomski, Square bowl

February 14, 2014....George Raeder, vacuum chucks

March 14, 2014.....Dave Wells, using a bearing to support spindle turning.

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