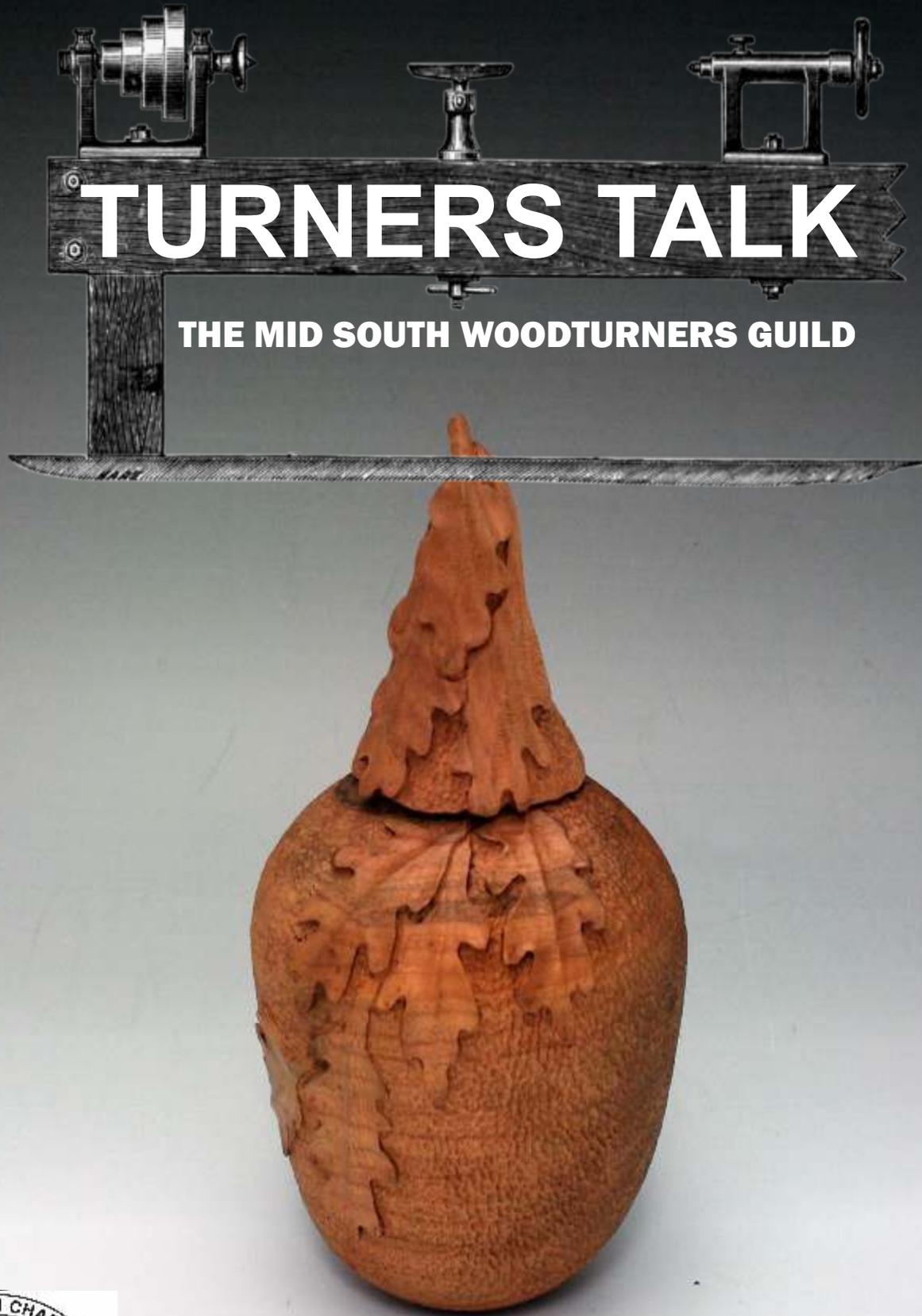


April 2017



AAW | OFFICIAL CHAPTER
AMERICAN ASSOCIATION
OF WOODTURNERS



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IN THIS ISSUE

Page 03 - THE PRESIDENT'S CORNER

Page 04 - MEETING MINUTES

Page 06 - WOOD SPIN by Emmett Manley

Page 08 - CLUB SUPPORTED CHARITIES update

Page 09 - MEET THE DEMONSTRATOR

Page 10 - INSTANT GALLERY

Page 14 - UPCOMING EVENTS

Page 15 - MENTOR PROGRAM

Page 16 - SPONSORS AND SUPPLIERS



Last month Bob Wolfe gave us a very interesting demonstration of creating an "Irish Platter". If you missed the demonstration you can review the project notes which have been added at the end of this newsletter.

President's Corner

By:
Dennis Paullus



Good morning fellow woodturners. Here it is April already and I'm looking forward to our April meeting.

First, let's remember our February meeting and demonstration. Bob Wolfe entertained and informed us last month with his version of an Irish Platter. Bob did a great job with his presentation, I particularly like his dustless sanding technique using mineral oil. Thank you, Bob, for your time and efforts.

I want to again thank members who help make our monthly meetings as good as they are. Sometimes I'm afraid that we do not realize how fortunate we are as a club. So many members step up to provide a wonderful experience at our meetings. There are refreshments that appear like magic every meeting. The raffle items just show up out of the generosity of our members. Our instant gallery is a superior collection of pieces that reflect the talents and the souls of the membership that inspire us all. Please keep bringing your creations to wow and inspire us.

<http://www.midsouthwoodturners.com>

It is also nice that we have really good audio and visual equipment that makes viewing the demonstrations easy for the entire audience. This is something that we have worked hard for and that we all have benefited from.

Our Newsletter is a marvel of information and a lot of hard work by many people to get out every month. Pictures of the instant gallery are taken and edited after many hours of time-consuming work each and every month for the Newsletter. Articles contributed by many people find their way into the pages of our newsletter and of course, all of this information comes together by our diligent and energetic Newsletter Editor. Thank you all for what you do.

I thank you the membership too for coming every month, for your fellowship and your sharing of ideas and techniques. I have



<http://www.woodturner.org>

always recommended to beginning turners that to learn this woodturning thing that they should hang out with like minded people. I can't think of a better place to hang out than at our club meetings.

This month we will be wowed and entertained by Mike Maffitt showing us how makes a wood canteen, a must see demonstration. I am looking forward to seeing this demo.

Our meeting this month is April 22, doors open at 8:00 am and meeting starts at 9:00 am. if you

can find a bit of wood you can share please bring it to the raffle. Bring something for the instant gallery too, let us see your latest creation.

Thanks, everyone and I'll see you all on Saturday the 22.

Dennis

Meeting Notes from March MSWG Meeting

Club Secretary: Bob Wolfe

Dennis Paullus lead the March 25th meeting.

March's meeting was well attended with over 50 members present for Fun, Food, Fellowship and Learning. We had 4 guests join us for the March meeting.

OLD BUSINESS:

Larry Sefton set up the Audio Visual system this month in an effort to test the WiFi connection in an effort to allow "REMOTE BROADCASTS" for future presenters. Lyle Jamison gave a "remote broadcast" of what he will be presenting during June's meeting. There were a few bugs, but it appears the system will be capable of receiving the club's first Remote Broadcast demonstration. There are two other charities the club supports; Pens for Troops and The Memphis Empty Bowl Project. Please take some time to practice & show off your skills by supporting these worthwhile charities.

Club DUES have been raised to \$30 a year. If paid before April, there is a \$5 discount. Please see Matt Garner, the new club treasure for payment. New membership badges will be issues to paid members.

Chairs for the Pink Palace Craft Show, Oktoberfest, and Christmas Party have be set.

- o 2017 Christmas: Bob Wolfe.
- o 2017 Pink Palace Craft Show: Mike Maffitt.
- o 2017 Oktoberfest: Sam Dawson.

Any suggestions will be welcome. Committee will be formed over the next few months.

September's Demonstrator is Graeme Priddle. Several members signed up for full day demonstrations Sunday and Monday following the club demo. Payment is due for the Graeme Priddle 3 day demonstrations. The following is his website:

<http://graemepriddle.com/> If you have signed up for the full day demonstrations, your payments are due. If you are still interested in attending, contact Rick Cannon.

NEW BUSINESS:

AAW has offered "FREE" 1 year guest memberships for any club member who has not been a member of the AAW. This is a great opportunity to expand your woodturning knowledge and at a great price.....FREE Normal annual memberships are \$60/year with a beautiful AAW magazine with ideas, techniques and interesting reading, and \$38/year with online access to the magazine. You will receive news letters on activities in the woodturning world. For more information go to the website:

<http://www.woodturner.org/?page=MembershipLevels> and look at GUEST.

AAW's 31st Annual International Symposium in Kansas City, Missouri, June 22-25, 2017 Kansas City Convention Center. Early Bird tickets before May 7th \$325 for AAW members and \$410 non-members, after May 7th \$350 for AAW members & \$435 non-members. AAW's super selection of demonstrations and panel discussions that will appeal to wide variety of skill levels—bowls, boxes, vessels, hollow forms, spheres, spindle turning, multi-axis turning, segmented turning, natural edge turning, ornament, jewelry, finishing techniques, surface design, texture and embellishment, and more. Names such as Trent Bosch, Dixie Biggs, Richard Raffan, Jimmy Clewes and many more will be demonstrating. This is a great opportunity to learn in person from some of the masters of woodturning.

Dennis Paullus brought several rough turned, dried "wet turned bowl blanks" for members to turn to a finished bowl for the Memphis Empty Bowl Project. Take a bowl and return a finished bowl. Thanks to Dennis for this generous donation.

DEMONSTRATION:

This month Bob Wolfe demonstrated "Turning a Traditional Irish Platter". This was inspired by Glenn Lucas's video. The notes for this demo are attached to this months news letter.



This is an encore issue of Wood Spin. It was first published in the June 2012 issue of "Turners Talk"

By: Emmett Manley

First, a little background. Magnets are metals that produce a magnetic field. Certain metals can be magnetized, most notably iron/ steel but also nickel and cobalt to some extent, plus several of the rare earth metals.

Rare earth metals are not rare, but the terminology derives from chemistry's periodic table of the elements, a method of grouping elements by common characteristics. The rare earth category is a group of 17 elements few have even heard of, but certain alloys of these "rare earth" metals can be fabricated into extremely powerful magnets. Neodymium seems to be the element used the most for magnetic applications, usually in the form of cobalt or boron alloys and often nickel plated. All of the rare earth magnets are brittle, so don't bang them around

To complete our background, recall that many common metals cannot be magnetized or attracted by magnets, such as copper, aluminum, and tin. The same is true of the common copper alloys, brass and bronze.

With all magnets, the force exerted drops rapidly with spacing -- the physicists would say "the

attractive force exerted is inversely proportional to the square of the distance between the magnets." Also, the force is multiplied if the magnet is backed by additional steel -- as contrasted to being backed by wood. A magnet stuck on a steel lathe exerts maximal force.



Years ago I watched a woodturning video by John Lucas in which he mentioned that he could not get along without his rare earth magnets. I contacted John relative to the best source and he recommended Lee Valley Tools. A good way to get started with these magnets is to order a

Wood Spin cont.

sample pack from Lee Valley Tools, 50 magnets for \$19.50 (*Current price as of April 2017 is \$23.50*) which represents a 40% discount from individual size prices and lets you test different sizes. I use the 1/4" and the 3/8" diameter magnets for most of my application -- these will hold 2.5 pounds and 5 pounds, respectively. Unless you have a specific need for larger magnets, they are so powerful as to be difficult to use. A one inch magnet will hold 30 pounds -- try pulling that loose with your fingernails.

What can a woodturner do with these powerful magnets? One of my main uses is to hang chuck keys, calipers, saws, measuring wrenches, and other metal tools from my lathe. I also attach keys and Allen wrenches from my bandsaw and drill press. Everything is always handy, in the same place, and not covered by shavings.



These magnets are popular to hold two pieces of wood together and aligned, as for lidded containers. I have made some salt cellars that have a swivel pin on one side and paired magnets opposite to snap the lid in place when it swivels closed. Some turners use the magnets to secure a delicate finial to the base piece, or to be sure grain lines up perfectly. Once you start using these magnets, you will see uses everywhere. After I began working on this topic, the April issue of American Woodturner arrived with one of the feature subjects being that of

using rare earth magnets to secure lids. The methods used and details provided are interesting but a bit complex in places.

When magnets are placed in wood they will have to be secured, most often with epoxy or CA glue. Here is a critical step--get the POLARITY of the opposing magnets correct or there will be an equally powerful repulsion. You can put magnets on opposite sides of a knife blade to get the polarity identified, then slide the magnets into drilled holes containing glue.



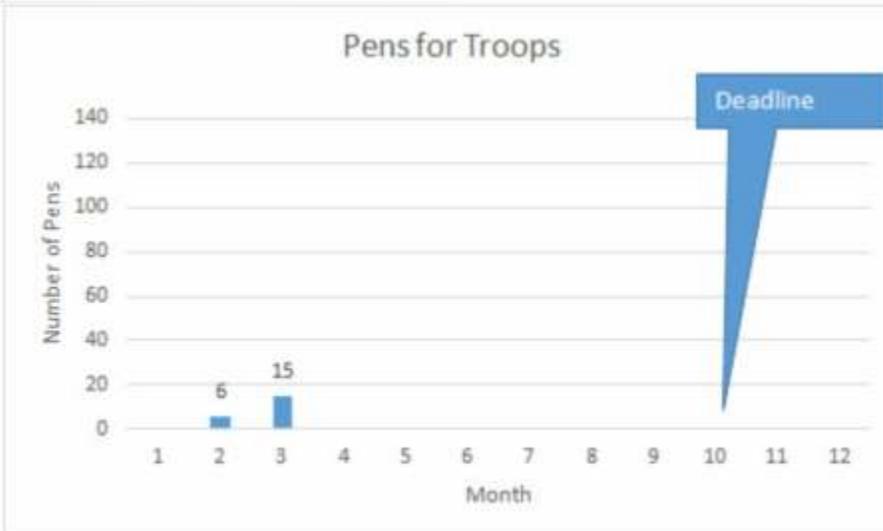
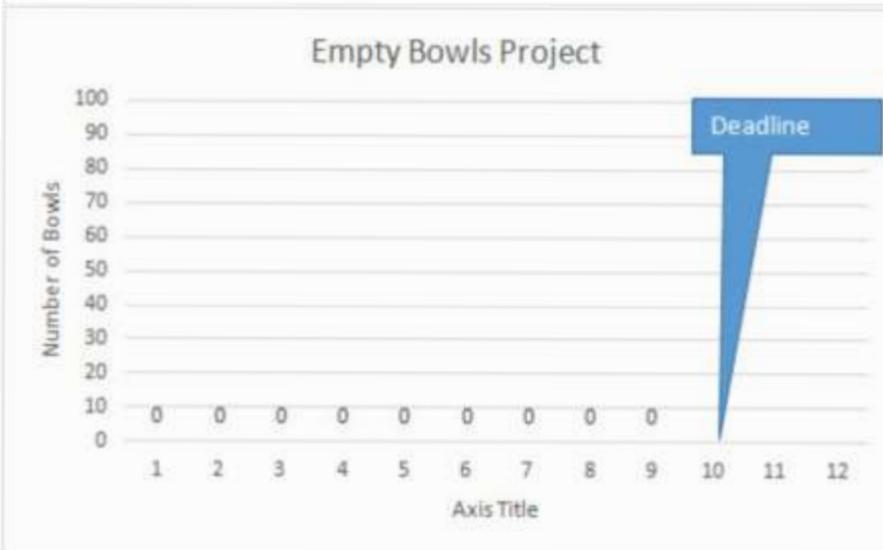
Any downsides? Some woodturners are reluctant to use rare earth magnets because of a concern about magnetizing tools, but I have never encountered that problem. The type of magnetic field generated will not interfere with pacemaker function except under unusual circumstances. These magnets are potentially dangerous if swallowed by little children -- there have been cases where two swallowed magnets, in adjacent but different loops of intestine, clamped together and caused necrosis because of restricted blood flow.

For those who want to read further about these magnets, the following link is excellent.

[About Rare-Earth Magnets - Lee Valley Tools](http://www.leevalleytools.com/About-Rare-Earth-Magnets)

Club Supported Charities for 2016

Running Total of Turned Items



Free pen kits are available from the treasurer. Plenty of kits are available. We just got in 150 more kits.

Thanks to Mark Maxwell for 9 pens last month.

Meet the Demonstrator

Mike Maffitt: April 22, 2017

Wood Canteen

Short Artist Statement:

I have been a Memphis area resident for over 45 years so I guess I can call this home. I gained interest in woodturning when my father began making pens, kaleidoscopes, pill bottles and many other kit projects. He began turning these items around the years 1990 - 1995 and continued until the year 2000 and did all the senior craft events. I inherited his old Craftsman lathe and tried making several items and soon found I needed to upgrade my equipment. What I didn't understand was the scope of woodturning and the huge craft influences it had and the presence it is making in the art world. What I needed was an opportunity to focus and learn the basic ins and outs of woodturning.

In 2008 I found the Mid South Woodturners Guild and my world soon changed. After every demo I would go home and try to replicate what I had seen that day and soon my ability to make a good solid cut, with confidence, opened my eyes to what was possible. I have been involved in trade shows, hands on classes, Arrowmont Craft School, classes in Nashville, Board of Directors for Mid South Woodturners and visiting other member's shops. Every moment spent enhanced my understanding, my abilities and fed my desire to know how.

My advice to all of you beginning this journey is see, all you can see, do all you can do and

share all you can share. We are a giving group of people and we want everyone to succeed. Happy turning.

Focus of Demo:

We are going to show you how to make a canteen vessel with 3 basic concepts, sphere turning, spindle turning and hollowing a vessel.

What will attendees learn from Demo:

A combination of techniques and repositioning your workpiece can create wonderful items.

Instant Gallery

Bob Wolfe



Pepper Mill



Irish Platter



Box

Misc. Boxes



Instant Gallery cont.

Mark Maxwell



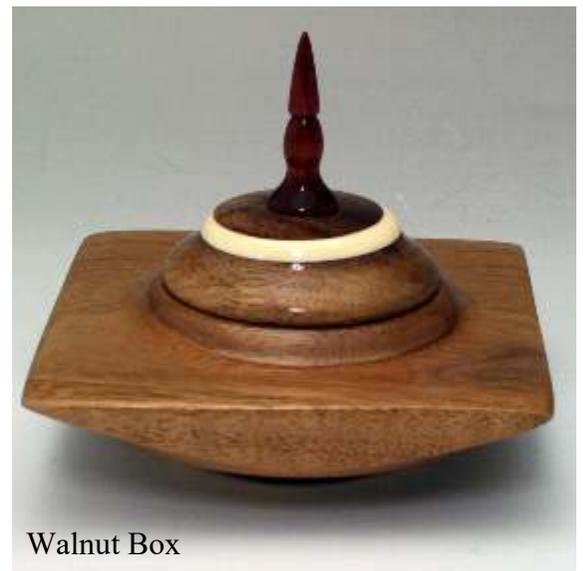
Maple Platter

Dennis Paullus



Cherry Box

Rich Williams



Walnut Box

Instant Gallery cont.

Keith Burns



Maple Hollow Form

Rick Stone



Natural Edge Bowl

Skip Wilbur



Maple and Walnut Scizco Vase



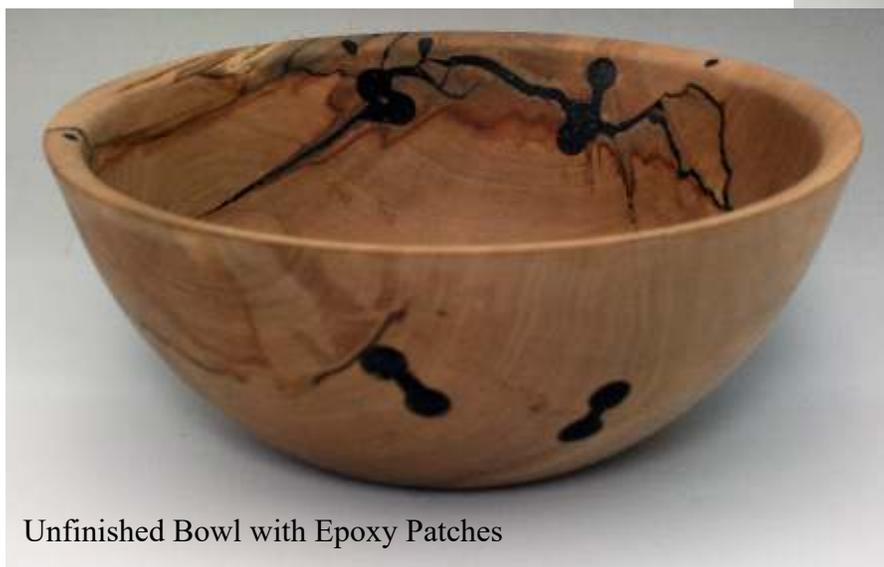
Ash Vase

Instant Gallery cont.

Rick Cannon



Yellow Heart Segmented Vase



Unfinished Bowl with Epoxy Patches

Upcoming Events 2017

Please look at the dates carefully. The Board of Directors voted to move several meeting dates this year away from the normal 4th Saturday in order to avoid conflicts with other meetings, craft fairs, holidays, etc.

- April 22** Mike Maffitt - Wood Canteen
- May 27** Skip Wilbur - Shear Cut Finials
- June 17** Lyle Jamison - Live Remote Demonstration
- July 22** Larry Sefton - Carving and Embellishment
- August 26** Various club members - Finishing and Finishing the Finish
- John Jordan Finish - Dennis Paullus
 - Make your own "Triple E" Polish - Bob Wolfe
 - Finish the Finish - Dennis Paullus
- September 23** Graeme Priddle and Melissa Engler - Multi-center turning?????
- September 24 Graeme Priddle and Melissa Engler hands on embellishment workshop #1
- September 25 Graeme Priddle and Melissa Engler hands on embellishment workshop #2
- October 21** Annual Oktoberfest (Skip Wilbur, Joseph Voda demos)
- November 25** Sam Dawson - Stabilizing Wood for Turning
- December 16** Annual Christmas Party and Auction **Note: We will be moving the start time back by one hour this year. Setup at 09:00, meeting start 10:00**

Note: Schedules may change throughout the year, so keep a close watch on this page for changes. This year's demonstrator schedule will focus on the skills of our club mentors.

Mentor Program

All members of MSWG are invited to contact the following mentors to learn a new technique, improve their turning skills or turn something different. Mentors are volunteers and do not charge.

Contact information is on our website under Members Only and the Roster. Sessions should last no longer than 3 hours and be scheduled at the convenience of the mentor.

Benson, Joel	Wood Selection, Turning Green Wood, McNaughton Coring, Chain Saw Sharpening/Maintenance, Chain Saw Use/Safety
Cannon, Rick	Segmented Bowls
Hosier, Jerry	Basic Stone and Wire Inlay, Woodturning Basics (Beads & Coves), Use of Spindle & Bowl Gouges
Maffitt, Mike	Bowls, Platters and Native American Flutes
Manley, Emmett	Basic Woodturning, Small Bowls, Tool Handles, Hand Mirrors, Stick Pens, Eggs, Wine Bottles, Miniature Birdhouses, many other small items
Pillow, Wright	Inlaying: Marketry, Inlace, Epoxy
Sefton, Larry	Milk Paint, Make Your Own Pyrography Unit, Hollow Forms
Stone, Rick	Finials, Bowls (incl. Natural Rim), Boxes, Spindles, Carving, Finishes, Pyrography, Making Tools, Turning Tool Basics (incl. Sharpening)
Tusant, Jim	Bowls, Hollow Forms, Pyrography, Carving, Dyeing, Tool Use
Voda, Joseph	Spindle Turning (e.g. Ornaments)
Wilbur, Skip	Bowls, Hollow Forms, Goblets, Finials

Sponsors and Suppliers

The Woodwork Shop, Inc
8500 Wolf Lake Drive
Suite 101
Bartlett, TN 38133

Phone: (901) 755-7355
Fax: (901) 755-2907
Email: thewoodworkshop@bellsouth.net

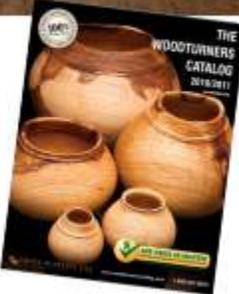


Jim Cole Tommy Crawford Evans Woodward Floyd Carter

CRAFT SUPPLIES USA
THE WOODTURNERS CATALOG



Phone:
1-(800)-551-8876



<http://www.woodturnerscatalog.com/>



The Woodturner's Source
1-800-683-8876

Traditional Irish Platter
Supplies & tools
Bob Wolfe



- Bowl gouge 1/2" or 3/8"**
- Straight edge Skew Chisel**
- Scrapers (square end or curved)**
- 8" or longer tool rest**
- Faceplate 4-1/2"**
- 8 ea. 1" round head wood screws**
- Screwdriver or drive tool**
- Compass 0-12" diameter**
- Sharp pencil**
- Straight edge**
- Large Scroll chuck with smooth jaws (expansion range 4-1/2" – 6")**
- Cloth backed sandpaper 120, 150, 180, 220, 340, 400 grit**
- Butcher Block oil (edible mineral oil)**
- Heavy duty paper towels or 2"x2" cotton rags**
- Face Shield**
- ~ 12"x12" 4/4 – 6/4 dried lumber clear
(cherry, maple, walnut or other desired material)**

Traditional Irish Platter Step by Step

This design starts with a dry blank 12"x12" 4/4 cherry

1. Cut out a 12" x 12" 4/4 dried clear lumber
2. Find center of board and mark on (top side of plate)
3. Draw a circle approximately 11" in diameter
4. With band saw (or other suitable saw) cut the OD of the lumber on outside of line
5. Mount the faceplate on the (top side) of pre-cut board
6. True up the OD of the platter to approximately 11" OD
7. Make a pencil mark top of rim about 1/8" from the top edge of the platter around the OD (this is towards the top side of the platter – headstock end)
8. Make a second mark about 5/16" from first mark (bottom of rim)
9. With gouge, make a flat cut across the bottom of the platter
10. Mark the bottom surface about 2" from OD (Platter will have a wide base so a knife and fork will not tip platter when cutting food).
11. Place tool rest parallel to the two lines (5/16" mark on rim and 2" from OD on bottom)
12. With gouge, cut away with a straight edge the wood between the two lines.
13. On the newly cut surface, mark a line midway between both edges.
14. Cut a Roman Ogee by removing material between the two divided areas. Two concave areas are cut meeting at the midway line which remains uncut proud.
15. Using a sharpened gouge clean up and blend the curves with a cut from the inside edge to the outer edge.
16. Make a finishing cut across the bottom of the platter leaving the bottom (either flat or slightly concave)
17. Measure the diameter of the scroll chuck jaws (note, have jaws slightly open from fully closed position so when the platter is mounted on the chuck this is an 1/8-3/16" gap between the jaws- more about this later) Make the OD of the recessed area.
18. With a straight edge curved scraper cut recess for chuck. The recess will be slightly domed to parallel to (future top surface of the platter).
19. Smooth surface with the curved edge of the scraper
20. With a flat skewed chisel cut the edge where the chuck jaws will contact the OD edge of the recess.
21. Once all cutting is complete move the tool rest out of the way for sanding.
22. With a cotton rag, apply a liberal amount of mineral oil to the bottom of the platter.

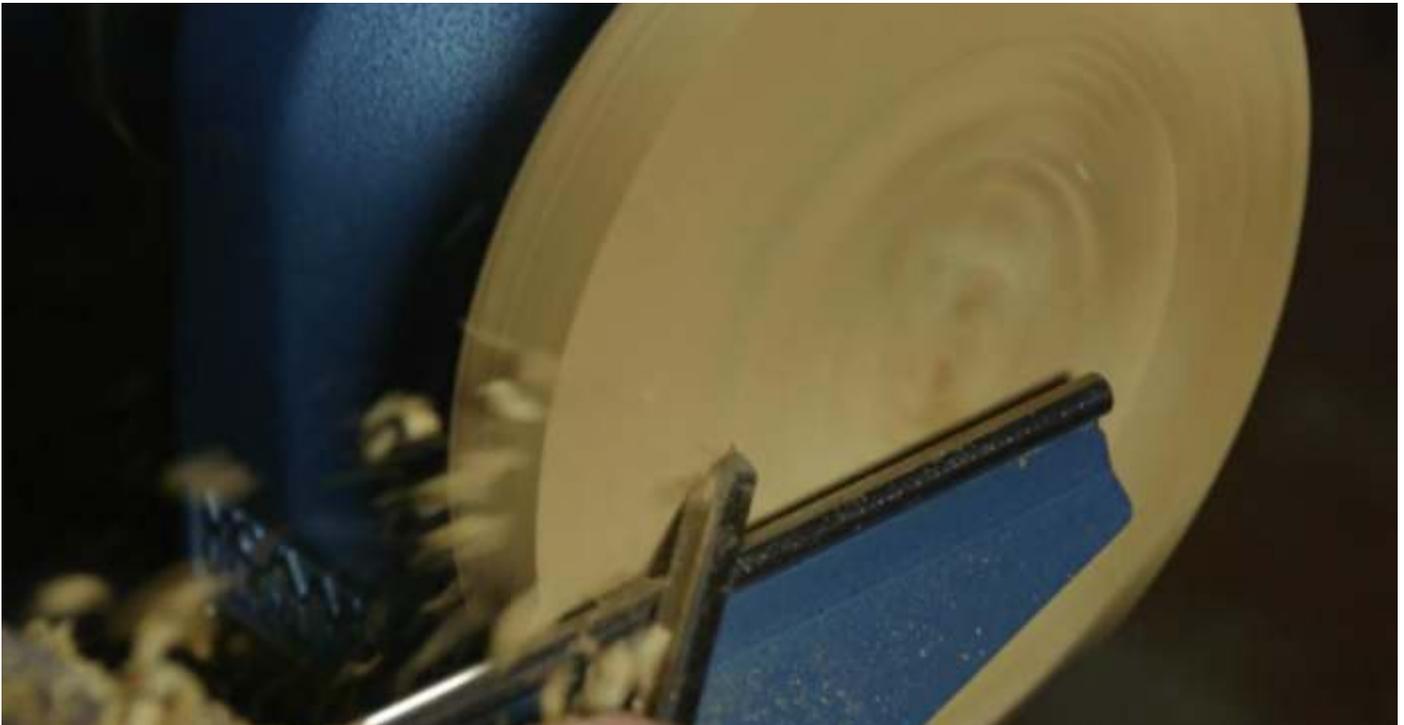
23. Once saturated with oil, take the larger grit sandpaper (depending on how well the wood surface has been turned dictates which grit to start with, say 150 grit.
24. Wet the cloth backed sandpaper with mineral oil and begin to sand the bottom of the platter. Remove all surface imperfections before proceeding to the smaller grit sandpaper. It may be necessary to re-wet the wood and/or sandpaper. Wipe the surface and wet sawdust from the platter before re-wetting and moving to the next grit.
25. Progress through the grits until all sanding marks are removed.
26. Remove platter/faceplate from the lathe and remove mounting screws.
27. Remount platter in scroll chuck
28. Starting from the center, cut by drawing the gouge from center to outer edge to flatten the surface.
29. Mark a line about 1-1/4" from the OD for the outer rim.
30. Remove some of the wood from the center section of the platter to allow detailing the outer rim. Remove about 50% of the material leaving about 1/2". Too much removal will allow a lot of vibration while detaining the rim.
31. Make another finish cut on the rim to bring the final thickness of the rim ~ 5/16"
32. Mark from the OD about 5/16" from the platter.
33. With a straight skew chisel cut a V-groove on the right side of the pencil mark 1/16" deep
34. Use a skew chisel to scrape the bead on both the front and then back of the platter.
35. With the Square edge curved scraper, remove wood to a flat surface across rim.
36. Use a gouge to refine the shape and thickness of the platter.
37. Make a final finish cut.
38. Begin to sand the top of the platter in the same manner as the bottom.
39. Once surface is finished to your satisfaction, wipe remaining oil and sawdust from the platter.
40. Remove platter from scroll chuck.



True up OD of blank



Turn the face of the blank flat (this is the bottom of the platter)



The bottom of the Platter must be flat or slightly concave



Mark the bottom of the Platter ~2" from OD (this is marks the rough foot of the platter. Also mark off the rim ~1/8" from left edge and ~5/16" from that line (this will be the rim edge of the platter)



With a bowl gouge, remove material between the bottom of platter line to the right-hand mark on the rim.





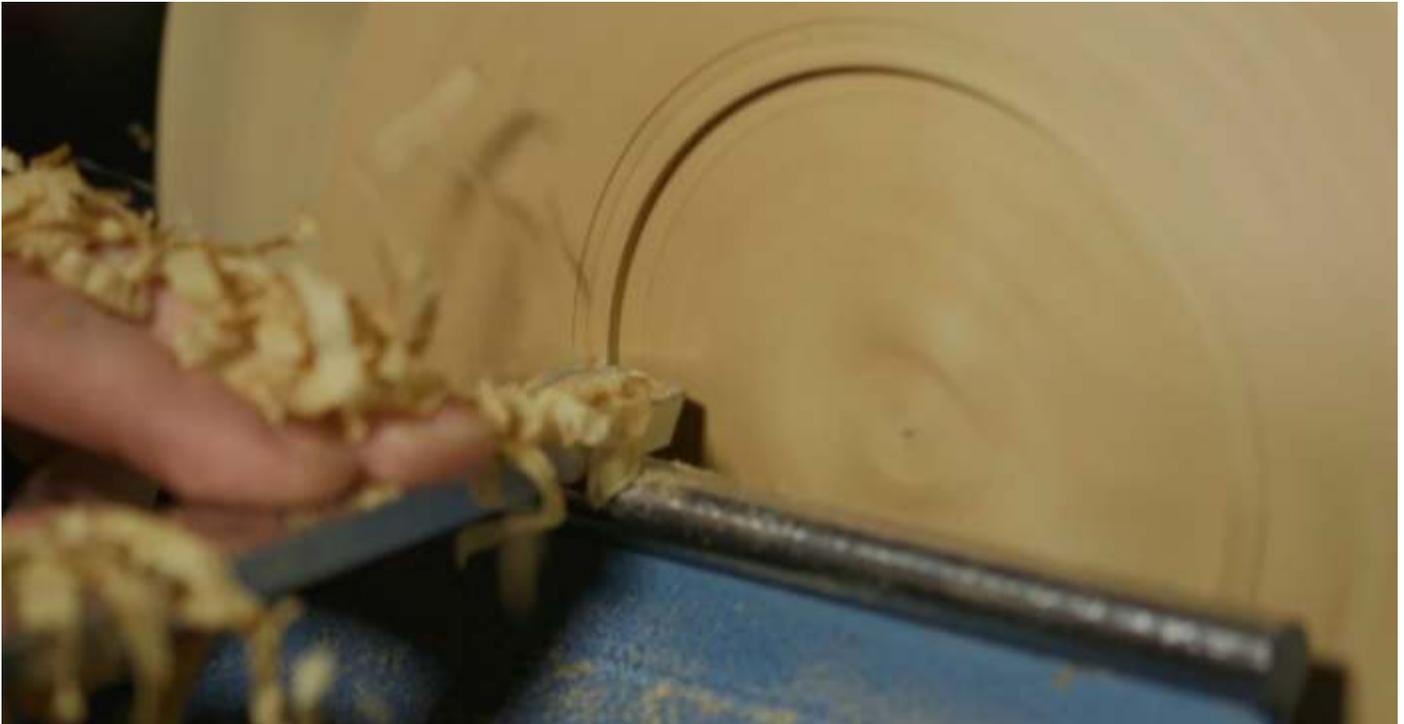
The surface should be flat between the two lines.



The surface should be close to a finished cut. The following photos show the gouge orientation to achieve this final surface cut.



Cut the recess for the scroll chuck jaws. Using a square end curved scraper, cut from center towards the marked OD of the recess for the chuck. Note, do not cut all the way to the OD. A straight skew chisel will be used to cut the dovetail edge at the OD to fit the jaws.



Finish cuts for the recess. The cut starts shallow at the center and reaches 1/8-3/16" deep at the OD of the recess leaving a slight dome shape that will parallel the platter top surface.



Begin finishing the bottom of the Platter.



Mount Platter on scroll chuck and mark rim 1-1/4" from OD of platter. Begin to pre-cut the dished part of the platter to a thickness ~1/2". Illustrated is how to anchor gouge if not skilled at anchoring gouge.



To cut rim bead use a straight or curve scraper. Swing body to create bead (NOT WITH ARMS) Execute both top and bottom of bead.



True up and recess the rim from edge of bead to recess of platter



Take Final cut with sharp gouge before finishing.