



Alabama Woodturners Association

AWA Newsletter

October 2015



A member of the American Association of Woodturners

Location: Homewood Senior Center at 816 Oak Grove Road, Homewood, AL 35209

Web Site: www.alabamawoodturners.com

Coming Events

October 10-Jess Walls~
'Platter with Offset Bowl'

November 14-Mark Sfiri

December 12-Christmas
Party/Luncheon

January 9-Karl Harper

February 13-TBD

March 12-TBD

April 9-TBD

May 14-TBD

October-Jess Walls "Platter with Offset Bowl"



Officers of AWA

President-John Sowell

Vice President-Carl
Cummins

Treasurer-Jennifer Smith

Secretary-Laura Reder

Directors-Staten Tate, Bill
West, John Sowell, Dwight
Hostetter

Webmaster-Michael
Malinconico

Newsletter Editors-Jean
Cline, Amy Benefield

Notice

How many Christmas ornaments have you made and turned in? As of our October meeting, there are only 76 days until Christmas but, more importantly, 22 days until we decorate the Christmas tree at Children's Hospital!



Inside This Issue:

- ◆ October Demonstrator-Jess Walls-
Page 1,
- ◆ September Demonstrator-Mark St.
Leger-Page 2
- ◆ Turn and Tell-Page 5, 6
- ◆ Raffle/Birthday News-Page 3
- ◆ President's Challenge-Page 4
- ◆ Making a Threaded Needle Case-
Page 6-11



In the November issue-
'Adding Decoration To A
Bowl' by Fred Holder.



Mark St. Leger-September Demonstrator



Saturday Afternoon Mentoring (Starts about 1 hour after the morning session ends or about 1:00)

AWA owns lathes, chucks and tools necessary to use in classes but you may also bring your own tools. Training is held in the Craft Room at the Homewood Senior Center.

If you are interested in participating either as a student or a mentor, Phil would love to talk to you and sign you up! Phil Fortmeyer-(205) 612-7496.

Welcome to New Members:

Jan Kneule-Vestavia Hills
Rick Lampkin-Indian Springs
Sandra McMillan-Pelham
Tom Palmer-Pleasant Grove

The September birthday prize was won by Steve Mills whose birthday is September 5.

Who will take home the October birthday prize of a DeWalt Heavy Duty 52-piece Screwdriver Bit Set?

Check out the list of contenders below.

Raffle/ Birthday Gift Door Prize News

The regular raffle prize for October is:

Nova Precision
Midi Chuck
With 1"x8TPI



\$1 each ~~~~~ \$5 for 6 tickets ~~~~~ \$10 for 13 tickets

Do you have an interesting raffle idea or a product you'd like to win? Please see Jean or Amy at the raffle/sign in table.

If you've been to the meetings for the last few months or actually read the newsletter, you've noticed that the AWA has been giving a birthday gift door prize to a turner who has a birthday during the month of that meeting.

Here are the 'rules' for 2015 as they stand now:

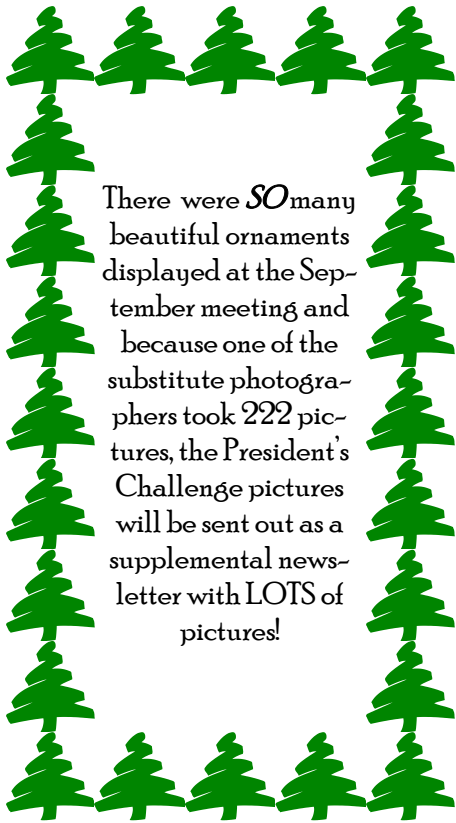
- 1) This is a door prize so, yes, you need to be at the meeting to win.
- 2) You need to make sure Jean and/or Amy have your correct birthdate. No fair changing your birthdate in the middle of the year! You're stuck with the one they originally gave you!
- 3) We have prizes for the entire year that have been numbered. The prize winner for the current month (i.e. July) will draw the prize number for the next month (i.e. August) so Amy and I don't have to bring all of the prizes to all of the meetings. (We sometimes have a hard time just getting us to the meetings!)

*Happy Birthday to
AWA's October Hob-
Goblins!*

Marty Cogen-October 6
Ron Griffin-October 12
Martin Howell-October 18
Howard King-October 26
Michelle Marken-October 28
Janet McDonald-October 29
Sandra McMillan-October 31 (New member)
Tommy Poe-October 31

President's Challenge-September

Christmas Ornament



There were *SO* many beautiful ornaments displayed at the September meeting and because one of the substitute photographers took 222 pictures, the President's Challenge pictures will be sent out as a supplemental newsletter with LOTS of pictures!

PARTICIPANTS

JIM BLACK
 JACK CAPPS
 MAURICE CLABAUGH
 CARL CUMMINS
 JERRY HANCHEY
 KARL HARPER
 MYRA HARPER
 TOMMY HARTLINE
 DWIGHT HOSTETTER
 BILL HUBBARD
 HOWARD KING
 JUSTIN MILLER
 ROYAL RITCHEY




2015 Children's Hospital Tree
 Topper
 Tommy Hartline

President's Challenges For 2015

February-Done!

Something you'd use or find in the kitchen

March-Done!

Worst blowout or break you kept as a reminder

April-Done!

Spindle work turned +80% with a skew

May-Done!

Ball-Round as round can be but without using a jig!

June-Done!

Hollow form

July-Done!

Turning between centers on 3 or more axis but no eccentric chuck!

August-Done!

Turning from 3 or more pieces glued together

September-Done!

Christmas ornament

October

Natural edge bowl (bark or not)

November

Mushrooms



How'd They Do That?





TOMMY HARTLINE



JUSTIN MILLER



JOHN SOWELL



HOWARD KING



GARY SARTIN



MAURICE CLABAUGH



MYRA HARPER



JACK CAPPS



NEVIN NEWTON



BUDDY FINCH



PETE MARKEN



HAROLD HALL



DWIGHT HOSTETTER



GARY GARRIS

September Turn and Tell

Jack Capps

Maurice Clabaugh-Flowering Cherry; Manzanita Root Burl 'Holy'; Dogwood Fork Pots

Buddy Finch-Wood from Naval Academy in Annapolis Pen

Gary Garris-Boxes

Harold Hall-Multiple Wood Rolling Pin and Pepper Mill

Myra Harper-Salt and Pepper Mills

Tommy Hartline-Maple Tree Topper

Dwight Hostetter-Osage Orange and Crepe Myrtle Acorn Box

Howard King-Big Leaf Maple Vase; Spalted Persimmon Bowl; Walnut and Ebony Hollow Form; Ambrosia Maple Bowl; Spalted Persimmon Vase

Pete Marken-Maple and Bubinga Hollow Form

Justin Miller-Walnut and ? Bowl; Cherry Burl Bowl; Box Elder Bowl

Nevin Newton-Walnut, Purple Heart and Maple Segmented Turning

Gary Sartin-Black Walnut Bowl

John Sowell-Winged Crotch; 'Zombie Princess'; Cherry Vase; Sculpture

Making A Threaded Needle Case-by Fred Holder

I've made a number of needle cases over the years and made one for my wife some time back. She was very pleased until she found that when she dug around in her sewing basket, the lid could come off and dump her needles into the basket.

Until I obtained the Ray Isles thread chasers, none of my chasers would enter such a small hole as is needed for the needle cases.

When I started to make one of these, I tried to use the Nova chuck with the 25mm jaws to hold the pieces while threading. This worked fine for the lid, but I had troubles with the wood moving in the chuck when trying to chase the outside threads for the body of the case. I solved this problem by turning tenons on each end of the blank and gluing on a two inch disk to be grabbed in the 50mm jaws of the Nova chuck as shown below.



The blank with two disks glued to the ends for greater stability when threading.

Although it is not needed on the lid side, it is easier to set up the pieces for use in the same chuck. This solved the problem of having the body of the needle case move while chasing threads.

The next step was to part off the lid and mount it in the chuck for drilling and threading. I thread the lid first whenever possible. In the photo below the lid section is shown in the chuck before drilling.



The lid is ready to drill with a 7/16" drill to a depth of about 1/2".



Threading the hole in the lid with the inside chasers.



Drilling the 5/16" hole to hold the needles. It can be drilled before or after threading.

Drill a 7/16" hole in the lid section that is about 1/2" deep. Then round over the front edge of the hole and cut a recess in the bottom of the hole to allow the chaser to cut a clean thread before it would hit the bottom of the hole. When the threads are satisfactory, you are ready to mount the base section for drilling and threading of the tenon that will be threaded.



Threading the tenon on the top of the base section.

The sizing of this tenon can be calculated from the information supplied on the illustration on page 6 of this issue. For this case (with a 7/16" recess in the lid section) the tenon should be slightly over 1/2".

I found that a 1/2" tenon cutter would cut a tenon just slightly over 1/2" and would work well for sizing the tenon on this project. I cut a tenon about 3/8" long with the tenon cutter and then cut away the excess down to the tenon. I then used a thin parting tool to make a recess at the rear of the tenon and rounded over the front edge, before hand chasing the threads. Incidentally, the threaded section is 16 tpi.

On this project, I drilled the 5/16" hole for the needles after I had chased the threads, but it can be drilled just as well before cutting the threads.

With the threads cut and the lid fitted to the base section, it is time to final turn the outside of the needle case and put in a few decorations with a point tool or a skew.

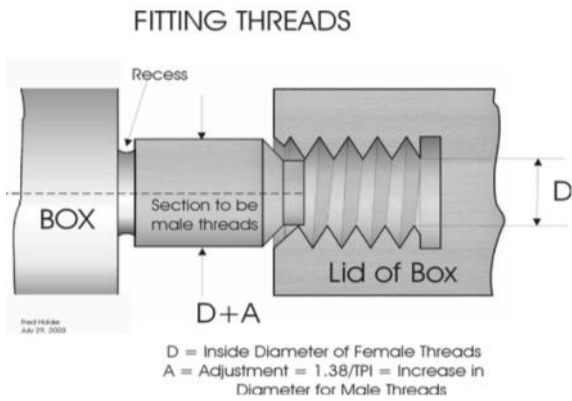


In this photo, the outside of the needle case has been turned and it is ready to part off just in front of the disk holding it in the chuck.



This is the completed needle case. I simply sanded the base smooth after parting off.

I like to put a bit of a shallow curve to the outside of the needle case. It seems to me to give it more elegant look than if it is just straight sided. You can also put some sort of decoration on top of the lid, which I do sometimes. However, Mildred likes the smoother top and since she is the one who will be using these things, that is good enough reason to make them smooth.



This drawing illustrates how to calculate the size of the tenon for the male threads when the diameter “D” of the inside threads are known.

If you don't have any boxwood or other hard, dense woods, you have two other options. You can use material such as Corian, which threads very well. Or you can cut recesses in both the top and base sections and pour it full of epoxy.



The finished needle case with the lid removed.



A needle case made from Corian. Corian threads very well. This one was not held with the disks, but only in the 25mm jaws of the chuck. I broke off the threaded tenon once and had to shorten the case.

Epoxy also threads very well. I first learned of this technique from Petter Herod of Norway. I've found that a 3/8" tenon cutter that I have works well to cut the recesses for the epoxy, but make sure your epoxy is mixed thoroughly. It must set up properly to work well.

This information is provided by *More Woodturning Magazine*. Please visit their web site: www.morewoodturningmagazine.com