

Emerald Coast Woodturning Guild

P.O. Box 1136, Freeport, FL 32439

Newsletter - vol.8 no.04– April 2010

Next Meeting Saturday April 10 2010 Freeport Community Center – 9am till noon

- **Ron Ferreira** our former President and now a resident of Tennessee will be here to demonstrate some of his turnings

March 13, 2010 Meeting

Meeting was called to order by Earnest Nettles.

- Fraser Ross one of our members from Canada passed away last month. Earnest passed around a card for all to sign. The card will be sent on to Fraser's family. Fraser will be missed.
 - Welcomed members and guests.
 - Thanked all who brought goodies to enjoy with our coffee
 - A change in the city council may require that we will have to pay a fee for the use of the Community Center. Earnest will report on this at the next meeting.
 - The City Maintenance crew that cleans up the Community Center complained there was some chain saw oil on the front door and some chairs in the small room were not put back into the large room after the January Jamieson hands on seminar. We will have to make sure to clean up well after cutting wood with a chain saw and that all chairs and tables are stored in the proper place.
 - There is an article showing Michael Mode's techniques in Woodturning Designs Winter issue #8 pages 54 to 58. Michael was our all day seminar presenter on February 20, 2010.
 - The Freeport Art Festival will be on March 20, 2010 at the Community Center. ECWG will be demonstrating and having a table to sell member turnings. Set up will be a 7:30 am.
 - A reminder that on April 24, 2010 the Heritage Museum of Valparaiso will have their Saturday in the Park festival. ECWG will have two booths at this festival demonstrating wood turning and one for the sale of member turnings. Set up time will be at 7:00 am. Anyone interested in demonstrating or selling some of their turnings contact Earnest.
 - Ann Tucker has asked us to demonstrate turning at the Muscogee Arts and Craft Festival in the late summer and possibly teach some of the children woodturning during their summer children's camp.
 - Craft Supply has sent us some gift certificates. The board will decide how they will be used. In the past we have used gift certificates to purchase items for the club.
 - Today we will have the demonstration before the gallery and wood raffle.
 - We thank those that have supplied wood for the raffle. We use the money from the wood raffle to purchase equipment for the guild.
 - ECWG is a member of AAW. We encourage all our members to join AAW. There are many benefits for joining. They publish a great quarterly magazine, a yearly listing of clubs and members, have yearly symposiums with demos and many woodturning suppliers on hand, and an insurance policy to cover members during demonstrations as part of the membership dues. Join, it's well worth it.
 - There will be a new tool company opening soon in Freeport. We will keep all informed when they open.
 - Earnest turned the meeting over to Tommy Holmes for the day's demo.
- **Demonstration - Tommy Holmes** will demonstrate how to make eccentric pendants.



- Tommy uses an eccentric chuck he purchased for about \$46 from Richard Joyner of Tampa Florida. Richard has a web site Richard@creativependesign.com. I checked the site and the only sale items shown are pens. There is a place on the top header for contacts that brings up a form to send him an email. I used this to send an e-mail to ask how to order. Richards's response was to use the email form to purchase the chuck. He also said that if several people are interested in ordering he could give us a group buy. The backer plate comes in two sections that attach to each other with 4 screws. (See fig 1, 2, 3) It is made of aluminum, is circular, about 2 inches in diameter, and 1

inch long. The section that connects to the drive end I will call the “eccentric chuck” is made of 8 holes threaded with 3/8” -16 tpi. One hole is centered on the face, the other 7 are numbered and offset from the center hole. On the face near the edge there are 4 equidistant holes drilled to allow four screws to pass through and attach to the second section. One has a 0 stamped on opposite one of the four holes for indexing the section I will call the “indexing plate”. It is a section the same diameter as the eccentric chuck with 24 threaded holes equally spaced near the outside of the face. These holes are to secure the indexing plate to the eccentric chuck. There are 4 indexing marks on the outside 0,6,12, and 18, at each quadrant. ♦Tommy started by showing ways to attach the eccentric chuck to the drive end of the lathe. He used a 3/8 -16 bottle stopper chuck available from Penn State Industries for about \$10. You can make a jig by inserting a 3/8- 16 bolt in a block of wood attached to a face plate or by making a tenon to attach to a four way chuck. Tommy had problems making a jig with a bolt to work properly. ♦He attached the indexing plate to the eccentric chuck, and attached the center hole of the chuck to the drive end of the lathe via the bottle stopper chuck. ♦He attached a waste block to the opposite end of the indexing plate with double stick tape. He found that double stick tape from Rockler worked best (regular two sided carpet tape does not work). The waste block should be flat and sanded on both ends. ♦He rounds the waste block making sure that the waste block is smaller in diameter than the pendant size to be made. ♦Next he placed double stick tape on the end of the waste block and attached the wood to be turned into a pendant to the waste block. Tommy used the tail stock with a flat face insert to set the double stick tape. The stock used for the pendant looked like it was a square ¼ inch thick and about 2 ½ inches square. The side that will be the back of the pendant should be flat and smooth. ♦He then rounded the work piece to the finish diameter and turned the face so that it was thinner at the edges than the center. He sanded the front face with sandpaper from 150 through 400, then used micro mesh paper to 4000. ♦Next he removed, as one piece, the eccentric chuck, indexing plate, waste block and pendant piece. ♦He reattached it to the lathe using one of the eccentric holes. Tommy ended up using the max eccentric hole. ♦Once attached to the lathe he placed a Jacobs chuck in the tail stock with a drill bit, turned the lathe on at its lowest speed increasing the speed to a point just below vibration. Needless to say if you’re doing this wear eye protection and a face shield. ♦Next he drilled a hole so it passes through the pendant and a small way into the waste block. (Now you know why a waste block is used). This hole will be used to thread a lanyard to place around the neck of the wearer. ♦Next he removed the tail stock with the drill bit and brought up a tool rest to round the edges of the drilled hole with a small gouge. ♦Next he made a concentric circle around the attachment hole for decoration. ♦He then did a little more sanding. ♦He removed the pendant from the waste block and took off any glue stuck to the piece with lacquer thinner. ♦The next step would be to apply a finish to the pendant. The pendant he made was a very simple one (see fig 4). It could have been done by attaching the waste block directly to the eccentric chuck without using the indexing plate. ♦Next he placed a new pendant piece to the waste block with double stick tape and went through the same procedure up to removing it from the waste block. ♦This time he removed the screws attaching the indexing plate, waste block and pendant, and rotated the 0 indexing mark 5 or 6 holes to the right and reattached the indexing plate to the eccentric chuck. ♦He then brought up the tool rest, set it, and marked the position on the ways with a marking pen. The moved indexing plate will allow Tommy to make a larger eccentric circle around the hole drilled for the support of the pendant. ♦He then placed a thin parting tool on the tool rest, marked its position on the rest, and cut the partial circle ♦Next he removed the screws from the indexing plate and moved the indexing plate 0 point the same amount of holes in the opposite direction from the 0 indexing point on the eccentric chuck. This will make a part of a circle in the opposite direction of the first. If you are careful of marking the position of your tool rest banjo on the ways and the position of the parting tool on the rest the, two arcs will cross directly below the drilled hole (See figure 5).

This is a hard technique to describe in words however, Richard Joyner has told me about two web sites that have good videos of the process. They are well worth looking at. They are:

http://yoyospin.com/videos/pendant_1.wmv

http://yoyospin.com/videos/pendant_2.wmv

Thanks Tommy for an interesting demonstration.



Fig 1



Fig 2



Fig 3



Fig 4



Fig 5

Gallery



Bill Ledbetter
Pecan bowl with lid
Mode style bowl



Dennis Smith
Large Laurel Oak Bowl



Bill Stephenson
Platter Trees
Sample air brush
Platter "Iceberg"



Jim Reese
Light wood bowl and hollow
form from Jamieson seminar
Dark bowls Mode style made
with a ringmaster



Al Christopher
Turned and carved handle
handled vase of Norway Maple
Hollow form of Box Elder with
holes on both sides
Hollow form of Magnolia



Tom Lee
Bowl of River Birch with a
Walnut Oil finish
The first in a series of three



Charlie Thompson
First try of a Mode style
bowl



Earnest Nettles
First try of a mode style bowl.
Had a little problem



Earnest Nettles
Mode style bowl glued up
and not finished.



Harry Wheeler
 Bottle stoppers some with
 intersecting rings
 Acorn bird houses



Harry Wheeler
 Inside out turnings
 Goblets

Another great Gallery

Items of Interest

- The scraper used by Michael Mode in his seminar can be ordered for \$65.00 plus \$8.00 shipping . Send a check for \$73 to:
 Binh Pho
 48W175 Pine Tree Drive
 Maple Park, IL 60151
- April 24 & 25 - Binh **Pho** seminar sponsored by the Azalea Woodturners of Mobile. The program will run from 9:00 am until ~ 4:00 pm on Saturday and Sunday and will be held at Timbercreek Community Center off of I-10 exit 38 north. The demonstrations and instruction will include: thin wall bowl turning, processes of drying and sanding, airbrush techniques for color schemes with transparent colors, image detail with transfer techniques, piercing techniques, tools, material, surface prep and treatment all on the first day. The second day will include: hollow turning of end grain winged vessels, texturing techniques, project design and layout, design aspects of bowls, vessels, closed forms, and gilding techniques.
 Members of ECWG are invited to attend and participate. The fee for both days is \$60.
 Contact: Tres Lennep 228-875-4144 lennep@cablone.net

Upcoming ECWG Meetings

- April 10, 2010 **Ron Ferreira** will demonstrate some of his recent turnings
- May 8, 2010 **Tom Lee** will be our member demonstrator

If you have any items of interest you would like to place in the newsletter, including items you may have for sale or are in search of, please contact Mike D'Autilia at 850-267-1128, e-mail dautmh@mchsi.com or mail to P.O. Box 1608, Santa Rosa Beach, FL 32459. Keep in mind that the newsletter is put together about two weeks before the upcoming meeting.

Happy Turning Mike D'Autilia