



CONTACT US

President:

Tom Mogford

810-629-6176

Vice President:

Pete Buccellato

248-634-7622

Treasurer:

Tim Morris

810-229-7156

Secretary:

Jeff Scott

734-595-0215

Librarian:

Tim Leright

734-595-0223

INSIDE THIS ISSUE:

Ruby's Demo 1

Show-N-Tell Table 2

Mentors 3

Gary's Demo Continued 5

LaymarCrafts Tips 6

Emails 11

Between Turns

Michigan Association of Woodturners

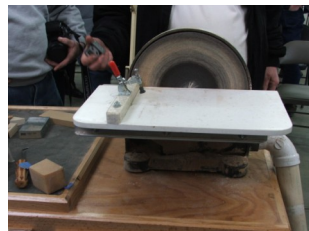
A chapter of the American Association of Woodturners

VOLUME 21, ISSUE 3

MARCH 2009

Gary Smith —Preparing Segments for Turning

We have all admired Gary's segmented and staved turnings. At the March meeting Gary showed us the jigs and methods he uses to prepare each segment for glue up. Gary has switched from using a sled and saw to cut each piece to the proper size and angle to using a disc sander to sand each piece to the correct size



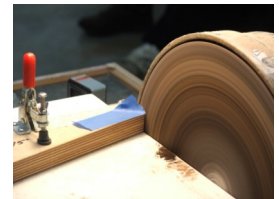
Gary uses a Harbor Freight disc sander to sand his pieces. He added a larger table to his disc sander. As shown in the bottom left picture the table has a 90



Gary demonstrating preparing segments for gluing.

degree fence with a clamp on it. The fence and clamp are used to mount jigs to the table. By clamping a jig to the table Gary is able to sand the exact angle that

he needs. The bottom right picture shows the fence with a jig clamped to it. Gary has found that placing a piece of tape on the jig allows him to mark the desired length of the piece to be sanded so that he only has to measure once and not each piece. Different jigs are used for each desired angle, including compound angles.



This process appears to provide an accurate, repeatable, and safe method for shaping segments.

Continued on Page 5...

Upcoming Dates

Remaining 2009 Meetings :

April 5

May 3

June 7

July 12

August 2

September 13

October 4

November 1

December 6

-Meetings are typically held monthly on the first Sunday of each month from 1:00 p.m. - 3:00 p.m. at the workshop of Dave Gordon 10621 Milford Road Holly MI 48442.

-Clay Foster Demonstration May 30 and 31. Possible Hand-On June 1 and 2.

\$70.00 2-Day, Free to MAW Members with Current Dues, \$20.00 No Show Fee.

-Ohio Valley 2009 Symposium October 16, 17, and 18

Show and Tell Table

Please fill out the Show and Tell tags when you bring a piece in so credit can be given.



Our members brought in a number of projects for the March meeting.

- Star Box Ruby Cler
- Segmented Vessels Gary Smith
- Oak Burl Bowl Dave Pierce
- Ornament Bill Magee
- Earring Holder Ruby Cler
- Rattle Bill Magee



Baby Rattle

To the right is Bill Magee's rattle based on Ruby's demonstration at the February meeting.



Demonstrators Wanted



Anyone wishing to do a demonstration at a monthly meeting, please contact Tom or Pete to setup and schedule a demonstration.

We have a number of talented members, so please feel free to share your talents with the club. There are some really interesting projects that members bring in each month for the show and tell table. Many of the club members would be interested in seeing how these projects are created.



Are you finding yourself having a catch when making a finishing cut?

MAW Mentors

If you would like help getting started in woodturning or help with working out a problem, feel free to call any of the names listed. As always, there is no charge to members of the Michigan Association of Woodturners.

Tom Mogford	810-629-6176
Pete Buccellato	248-634-7622
Bill Magee (Pen Turning)	734-981-6117
John Becker (Mugs, Goblets, & Pipes) ...	248-851-0437
Gary Smith	810-636-7167
Herman Spaeth	248-486-4720
Ruby Cler	519-945-0647

Photo's

Photographs for this months "Between-Turns" were provided by Jeff Scott.

If you have digital photo's that you would like to have considered for use in the newsletter, please send

them to the editor at:

Jeffatwayne@yahoo.com



Club Store . . .



Members will now find the club store easier. Items including turning tools, glues, and bits will be set out to provide easy access to our members.



Ruby took pre-orders for Jean-Francois Escoulen safety centers at the February meeting.

<http://www.escoulen.com>



Tools Explained Part 1...

With many schools roping their shop programs some tools definitions have changed...

DRILL PRESS: A tall upright machine useful for suddenly snatching flat metal bar stock out of your hands so that it smacks you in the chest and flings your beer across the room, denting the freshly-painted project which you had carefully set in the corner where nothing could get to it.

WIRE WHEEL: Cleans paint off bolts and then throws them somewhere under the workbench with the speed of light. Also removes fingerprints and hard-earned calluses from fingers in about the time it takes you to say, 'Oh sh --'

ELECTRIC HAND DRILL: Normally used for spinning pop rivets in their holes until you die of old age.

SKILL SAW: A portable cutting tool used to make studs too short.

PLIERS: Used to round off bolt heads Sometimes used in the creation of blood-blisters.

BELT SANDER: An electric sanding tool commonly used to convert minor touch-up jobs into major refinishing jobs.

HACKSAW: One of a family of cutting tools built on the Ouija board principle. It transforms human energy into a crooked, unpredictable motion, and the more you attempt to influence its course, the more dismal your future becomes.

WISE-GRIPS: Generally used after pliers to completely round off bolt heads. If nothing else is available, they can also be used to transfer intense welding heat to the palm of your hand.

OXYACETYLENE TORCH: Used almost entirely for lighting various flammable objects in your shop on fire. Also handy for igniting the grease inside the wheel hub out of which you want to remove a bearing race.

TABLE SAW: A large stationary power tool commonly used to launch wood projectiles for testing wall integrity.

Thank you Herman and Bill. Part 2 coming next month.

Gary's Demonstration Continued...

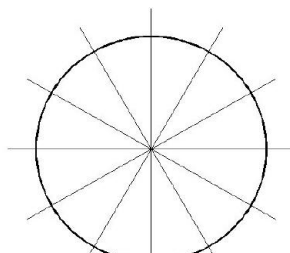
To the right are some pictures showing how Gary makes the diamond segments. The maple piece was cut to the proper width, Then perpendicular lines are drawn on the piece. The first corner is sanded off. A walnut triangle is glued on. The second corner is sanded off. Another walnut triangle is glued on. The third corner is sanded off. Another walnut triangle is glued on. The fourth corner is sanded off. Then the final walnut triangle is glued on. The outsides are trued up. Remember to give the wood glue plenty of time to cure before sanding off the next portion,

To the right are two of the jigs used to sand 18 degree and 72 degree segments. When calculating which angle to use to create a basic segment divide 180 degrees by the number of segments that you want. This will give you the degrees each segment needs to be.

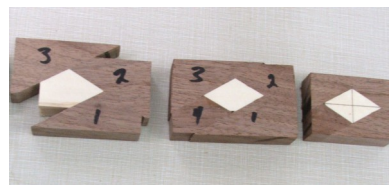
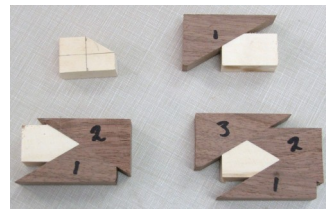
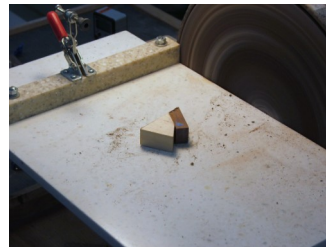
When making small segments multiple pieces can be taped together to give you more control and provide uniform angles.

Gary buys his sandpaper at MSCDirect.

<http://www.mscdirect.com>



Thank you Gary for a great demo.



New additions to the Library:
WoodTurning Projects with Rex and Kip
A book on making tops.

The Winfield Collection is a local vendor that sells products such as Scroll Saw patterns and Clock Inserts at good prices.
<http://www.winfieldcollection.com>



Laymar-Crafts Woodturning

Hints & Tips

The Woodturning Website of Richard Stapley

<http://www.laymar-crafts.co.uk/tip33.htm>

Sawing Platform for the Chainsaw

A few years back just before Christmas I was due to do a Craft Fair at a Local Village Hall and as I had arrived early I decided to take a stroll around the adjacent Playing Fields for some exercise, on the far side of the area I came across a very large Tree, later I identified this as a Horse Chestnut, that had been felled and sliced.

It was obvious that it had originally stood in the Garden of a House that was adjacent to the Playing Fields, on closer inspection the Slices of Timber were full of Burr and a good deal of Quilting and the thought of being able to have the odd piece was exciting.

A few enquiries and a couple of hours into the Craft Fair I was approached by the owner of the House, who had been told of my interest in his pile of wood, and we discussed the situation.

Basically it transpired he had to remove the Tree from the Playing Fields yet the slices were far too large to move or carry, and as I wanted some of the Wood for Turning, we struck a deal, I would cut it into manageable pieces in return I could have what ever I wanted.

So over the next 3 weekends I harvested all of the Burrs and other Interesting pieces, the picture below is the result of just one of those sessions and represents three Boot [Trunk] Loads, in all I made 10 Trips backwards and forwards to collect my booty.



Laymar-Crafts Woodturning Hints & Tips continued

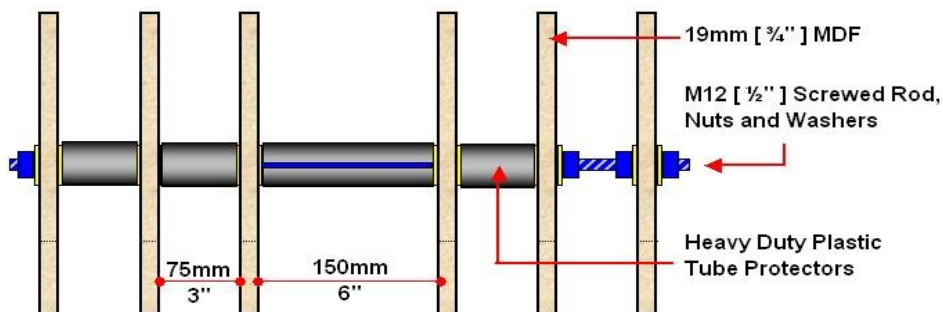
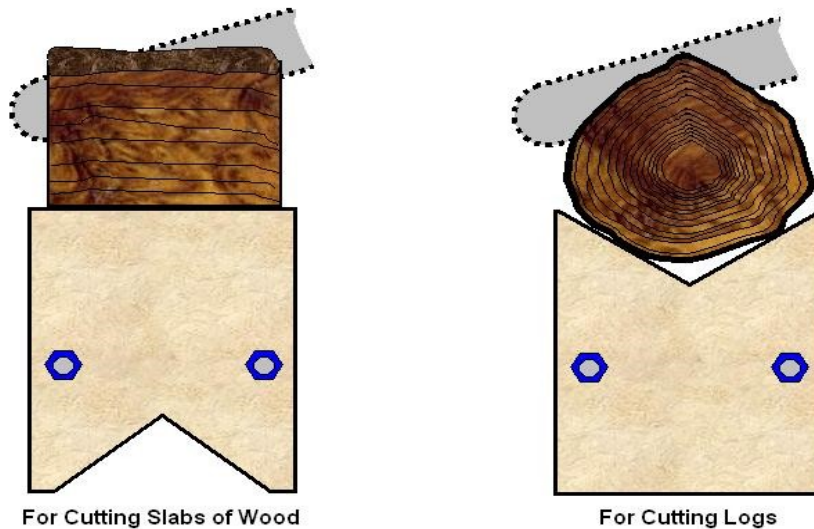
Although I had owned a Chainsaw for some time I had never invested in any real Safety Wear and decided that I should do so before my Luck ran out, so I purchased Helmet/Visor/Ear Defenders, Protective Leggings, Gloves and Safety Boots and I must admit I for the first time felt relaxed and in control of what I was doing, knowing I would be protected as best as I could against any Incident.

This mass of Wood now required re-sawing into Blanks or Pieces of a suitable size for my Bandsaw before Waxing and storing away for Drying.

I had a number of issues that I felt I needed to address, considering the amount of Wood I would have to cut, something like 200 pieces, firstly we are talking December/January in the UK which was either Cold and Frosty or Raining, secondly I can either use the Lawn or the Concrete Path as my base for Cutting On, in the past this has often resulted in Damage to the Lawn at best or the Chainsaw at worst.

An alternative was to use the Workshop, Warm and Dry, but this has limited space and a Concrete Floor so I would require some means of Supporting the Wood with reasonable room around for Sawing and Safety.

My solution was to make the Sawing Platform and Log Cradle as illustrated below:-



Laymar-Crafts Woodturning Hints & Tips continued

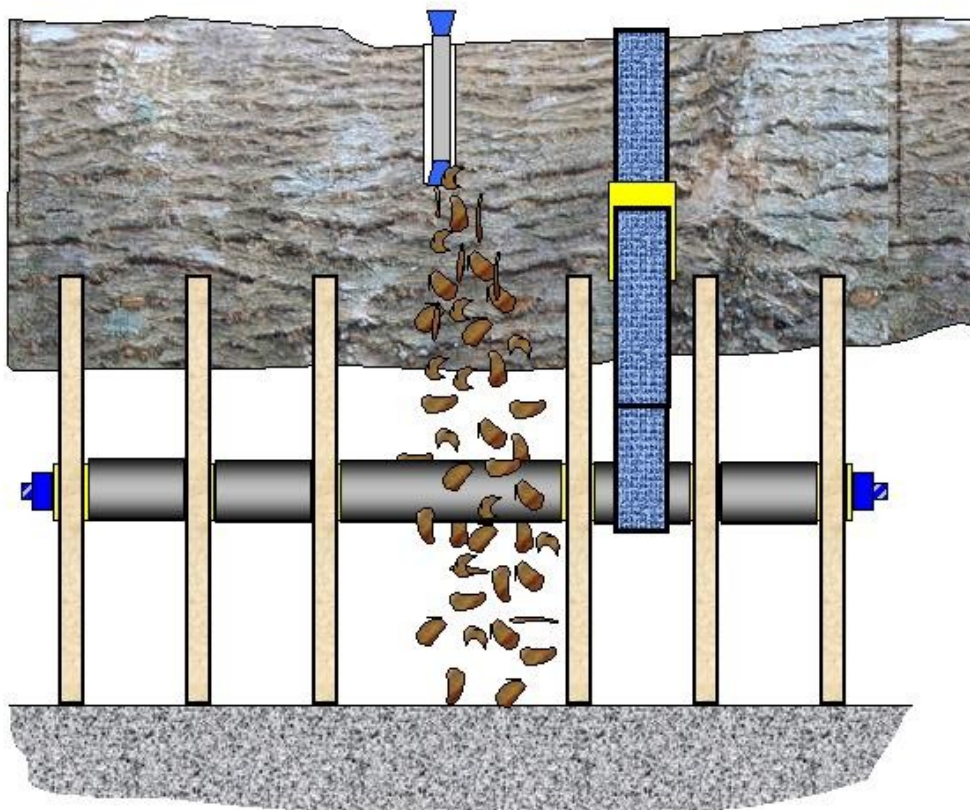
The basic concept is a support that can be used to carry Slabs/Slices of Wood when one way up and Logs/Boughs when reversed.

Firstly cut 6 pieces of MDF, or any suitable material, to approximately 380mm [15"] x 300mm [12"] and then cut a "V" into one of the 300mm edges to a depth of approximately 100mm [4"], then drill two suitable holes [13mm] on the center of each piece [190mm] say about 50mm [2"] in from each edge.

I then used two lengths of M12 [½"] Screwed Rod to form the "Comb" like arrangement, by sandwiching each of the pieces of MDF between a Nut and Washer as shown, allowing a 75mm [3"] gap between the first and final three boards with a 150mm [6"] gap in the middle.

After using the Platform for some time I have noticed that some of the Nuts are coming loose, obviously due to the vibration generated when sawing, I have therefore re-tightened all the Nuts and then Spot Welded them in place, alternatively you could use some form of Adhesive, such as Thread Lock or Epoxy or use Lock Nuts to stop the Nuts from coming loose.

To protect the Chainsaw Blade from fouling the Steel Screwed Rod I simply slipped [cut to length required and then slit along the length] some 1½" Heavy Duty Plastic Pipe over the Rods and Nuts.



This will give sufficient protection and they can be easily replaced if and when they get damaged.

The arrangement also allows for the piece being cut, whether in the "V" or on the Platform, to be Strapped down and therefore safeguarding against any movement or loss of control when Cutting.

Laymar-Crafts Woodturning Hints & Tips continued

The illustration above shows the use of one Strap and in my case I used a Ratchet Tie-Down Strap, these come in numerous designs and are generally available from Trailer Suppliers.

Mine is of the Wrap Around type and I simply place it around the Piece of Wood to be Cut and the relevant Tie Bars of the Platform and use the Ratchet Handle to tighten it, as these Straps are generally made from Polyester Webbing they should not do any damage to the Chainsaw Blade should it come in contact with the Webbing.

The Ratchet/Buckle however is of Steel and is best located low down and away from where the Saw Blade may reach.

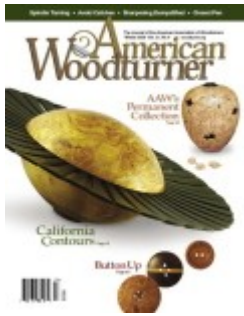


In the Picture left you can see the Platform used in Log Support mode and above with a Slab of Oak ready to Cut

By extending the Screwed Rod beyond each end you could if necessary attach some "A" Frame type Legs to raise the cutting height but I found that the assembly sitting on the Workshop Floor or on the Hard Stand outside the Workshop was ideal for my requirements.

I used this to cut each and every piece of my Wood Pile and have ended up with well over 1,000 Bowl Blanks, Burrs for Natural Edge Bowls, assorted Billets and Blocks, and apart from the odd miscalculated cut and slip onto the spacer bars, fortunately protected by the Plastic Pipe, the Platform is ready for my next Tree.

Laymar-Crafts Woodturning Hints & Tips continued



An Article based around this Design was Featured in the Winter 2006, Volume 21 of the American Woodturner Magazine.



Some Pictures showing variations of my Design by other Woodturners.

This article is an example of articles found at the Laymar-Crafts website. Check it out.

Article:
<http://www.laymar-crafts.co.uk/tip33.htm>

Website:
<http://www.laymar-crafts.co.uk/>



This Months Emails . . .

CHOICE WOODS 2801 S. Floyd St Suite 100 Louisville , KY 40209 TOLL FREE 888-895-7779

The following email was received this month:

Hi, My name is Richard Dennis. Woodturner. I have been turning Manzanita Burls for many years.

For those of you who are not familiar with this elegant wood, It is highly figured, displaying a wide spectrum of colors: crimson red, browns, golds ranging from 1" to 24". Northern CA is one of the few places where manzanita forms burls at the base, making it a very distinctive and rare hardwood.

Last year a forest fire ripped through our forest and in the process of fighting it, a lot of manzanita was uprooted. Through a special effort between myself and the Forest Service to make these rare burls available to woodturners and craftsmen. Some of the proceeds will be going toward reforestation efforts in our local woods in the Spring.

We offer choice turning burls, round or pear shaped, tall for candesticks, short, fat, all shapes and sizes. If you have a special request, let me know. I am always running across spectacular pieces of wood that I just know someone would be able to transform into a piece of art.

If you would like to see pictures and a pricelist let me know via e-mail or call me at 530-335-2883, or 953-6490. If you would like to visit the burlyard, we are located in Shasta County. By Burney Falls State Park. Our address is 20175 Arrowood St. in Burney, about 50 miles east of Redding.

We also have special discounted pricelist for less than perfect turning burls, which some turners prefer to get a more characteristic, sculpted look. Also for unusual pieces used for bases and displays. We accept credit cards through pay pal, or personal checks. We have a special shipping rate through UPS, but often ship common carrier for large orders. We also have a pallet price. First time customers are 10% off and we will through in a practice burl at no charge.



My name is Jim Sinacola and I am the Secretary for the Midland Woodworkers' Association located in Midland MI .

This year our Association is sponsoring a professional seminar on Finishing given by Jeff Jewitt. This seminar is open to all woodworkers and I am enclosing information regarding the seminar to be held on April 17th and 18th in Auburn MI , at the Grace Lutheran Church . The seminar starts at 9:00am and goes to 5:00pm each with lunch included in the price. Arrive early and have a cup of coffee.

Our web site is www.midlandwoodworkers.org