



Finger Lakes Woodturners

A Chapter of The American Association of Woodturners



From The Chair – February 2013



Mark Mazzo
FLWT President

This month will mark our first National Speaker of the year when we host Peter Exton for a special Friday night meeting and Saturday demonstration.

Mr. Exton is well known for his multi-axis, inside-out turning methods using ganged pieces

that are pre-cut to a diamond shape. He turns these pieces on the lathe and reassembles them into interesting sculptural forms with a good deal of intrigue. Peter will treat us to a general primer on inside-out turning during the Friday February 22nd meeting and in addition will open our eyes to the possibilities that these techniques have for further exploration in our own turning. On Saturday February 23rd, Peter will do a demonstration of the complete process that he follows from cutting the diamonds to turning a sculptural piece using his unique methods. This is a chance for turners of all levels to learn some new approaches to turning in a basic spindle orientation with the opportunity for quite radical and interesting results. I would encourage everyone to attend!

Last month we were fortunate to have our own Mike Brawley host a hands-on workshop on Spindle Turning. The turnout ended up being a bit lighter than expected

Please note: FLWT will meet on Friday evening, February 22nd from 6:45 to 9:00 PM (pre-meeting Show and Share starts at 6:00 PM) Our meetings are held at the Isaac Heating and Air Conditioning University classroom, 180 Charlotte St, Rochester, 14607. For more information, go to <http://fingerlakeswoodturners.com/>.

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due to some participant illnesses and that is a shame. However, it did allow Mike to spend a lot of individual time with those that did participate. From what I hear, there were rave reviews on the content and quality of Mike's teaching! Thanks, Mike for all of your efforts to coordinate and host the workshop.

(Continued on page 2)

From the Chair

by Mark Mazzo

(Continued from page 1)

I hope that everyone is getting some time in their shops and making an attempt at the challenge project of a two-piece hol-

low form. I look forward to seeing the results of those efforts at our next meeting. Until then, remember to keep turning and keep learning!

--Mark ♦

The February Challenge Project

By Ralph Mosher

Photos by Ralph Mosher

The February Challenge Project is to turn a hollow form. The article on page 7 by Bruce Impey covering Mark Mazzo's January demonstration on "Hollowing without the Hassel" is an excellent description on the "how to" for the this months challenge project. This project shows promise as a

fun and exciting one. Put your imagination to the test! Chuck up your favorite green wood turning block and give it a whirl. No matter the outcome bring your work to show at our February meeting!

Here are a few examples of Mark's hollow forms for your inspiration! ♦



Read All About It

By Ralph Mosher

Great news. Two of our own are published in the AAW Journal: Jim Echter, a professional turner and Patrick Dioguardi, a junior in high school and student member! Jim's article in the December 2012 issue describes in detail how to modify a low cost belt/disk sander as a lathe tool sharpening system for your shop. In the words of Jim, "This system was easy to build. It took longer driving to my local hardware stores to purchase the parts than the actual build time."¹ For the frugal at heart, this is for you. Don't miss it!

Patrick, our student member, wrote a memoir about pen making for the February, 2013 issue. Patrick talks about his interpretation of a pen as being something ordinary to a thing of beauty. He describes his first lesson on pen making with Mike Hachey to completing the first pen on his own. Patrick ends his essay with how an ordinary pen has the potential to become a lasting treasure with a very special meaning. A must read for everyone! ♦

¹ Jim Echter. "Belt Sharpening System". *American Woodturner*. December 2012. 20.

Hollowing without the Hassel...Mark Mazzo

By Bruce Impey
Photos by Ralph Mosher

Mark Mazzo gave a presentation at the FLWT January meeting on his techniques for creating a two piece hollow form turning. I found this a fascinating alternative to the tedious hollowing out of a large vessel through a small hole.

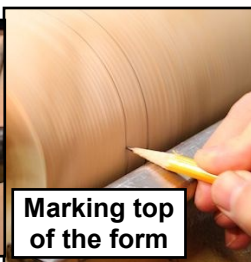


Mark Mazzo

Mark's technique makes hollowing more of a



Starting blank



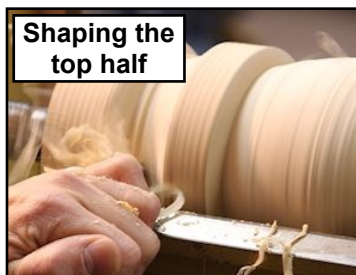
Marking top of the form



Shaping the Bottom half

bowl turning project than a deep mining through the eye of a needle exercise. The work is done in two pieces, hollowed open face and then

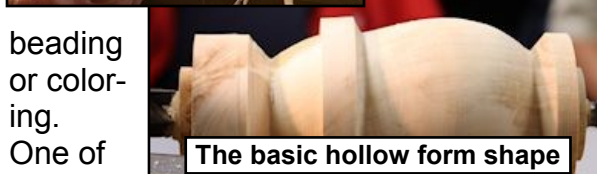
rejoined. As seen in the pieces Mark passed around, the joint is invisible, tucked beneath the embellished band. The band can be textured with carving,



Shaping the top half



Cutting a tenon on each end



The basic hollow form shape

beading or coloring.

One of his earlier pieces, a black pot, was inspired by Mark Gardner.



Mounting to a 4 jaw chuck



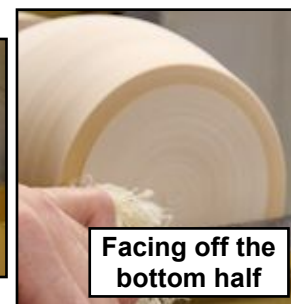
Refining the shape

Hollow turning is the creation of a closed or semi-closed form through a small hole. Scraping or cutting techniques can be used, though "cutting" presents a chal-

lenge in the removal of those long curly shavings through a small hole. Either way we understand that it is tedious. Watching David Ellsworth do this early in his career pretty much dissuaded me



Cutting the form apart



Facing off the bottom half

(Continued on page 4)

Hollowing without the Hassel...Mark Mazzo

By Bruce Impey
Photos by Ralph Mosher

(Continued from page 3)

from attempting such labors of love.



A tenon for reattaching the top

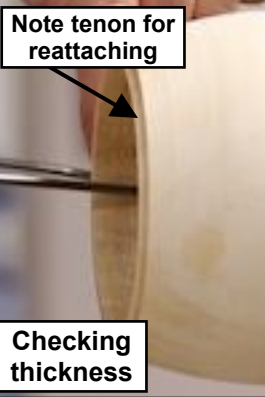


Drilling a depth hole



Hollowing the bottom

Not a problem with Mark's approach, the work is open when hollowing and the chips fall away. Green or dry wood can be used. With green wood, one can either turn to final dimensions at once or as a twice turned bowl. For the demonstration, Mark started with a green quarter section of a Silver



Note tenon for reattaching

Checking thickness

Maple log, trimmed and turned to a cylinder. Step by step instructions with illustration were outlined in a slide show which followed by demonstration on the lathe. One could not hope for more, other than to watch it twice.

The process is very simple, though with many steps. The cylinder is turned with tenons at both ends. The lower half is turned with a chucking shoulder. The top is roughed out with some extra material left for the chuck and maybe some for a



Drilling hole through the top



Hollowing the top



Fitting the halves together

vase handle. Here Mark thinks about the wood that will be removed at the parting and how to make the curve of the vessel arc continuous



Marking the handle location and rim carving depth



Cutting the ends of the handle

through the final joining. Keep the bottom 2/3 or 3/5 of the total height. Reverse the work onto the chuck and part with a pull saw (narrow kerf). True up the face and make



Carving the rim

a shallow tenon for the future joining of the halves. Drill a center hole with a twist bit for a depth gauge, Mark does this with a hand held brace that

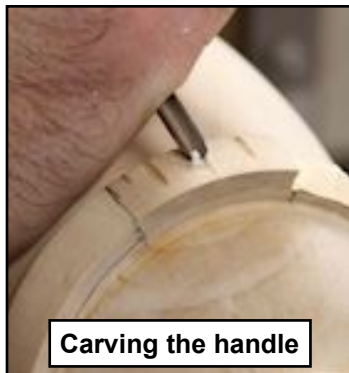
(Continued on page 5)

Hollowing without the Hassel...Mark Mazzo

By Bruce Impey

Photos by Ralph Mosher

(Continued from page 4)



Carving the handle

looked curiously like a vise-grip. Mark also showed us a "Monroe Tool" that he uses in the hollowing process.

A hidden advantage of hollow form turning is that the work does not have to be sanded on the inside, just turn and it's good! The interior will not be visible in the finished product. After parting off the top, hollow the base, then chuck the top. Drill a depth hole but not through. The drill can tear out at the exit

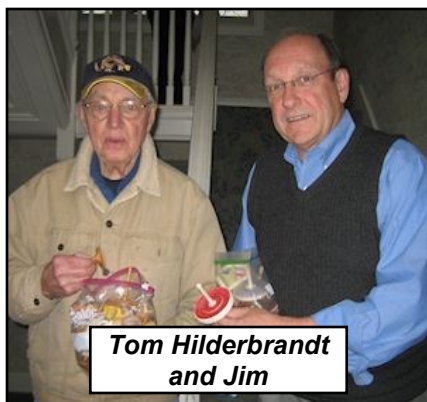
so do the final hole later from the top side. Glue the halves with Medium CA or 5 min epoxy for green wood. Fitting the pieces together for the gluing is better done looking at the edge grain than the face. Those big ovals in the face grain can trick you.

Reverse the work in the chuck and true up so that the shape flows into the bottom. Finish the hole, in this case with a 3/8 Fostner bit. Since this is from the green, remove to dry in a bag or other microclimate to slow the drying. Later sand and finish turn bottom. Embellish the band and you're done! Be creative with how you conceal the joint. ♦

I Was Doubtful-But I Was Wrong...Jim Hotaling

Photos By Jim Hotaling

During our September meeting it was announced that we only had 82 tops. Since our target for tops was 250, I was thinking that our goal was not going to be made by our December meeting. By the time we had that meeting we had 274 tops!! A big THANK YOU to all the members that helped us surpass our goal. I would also like to say that I continue to believe that turning tops develops good tool control. Many members reinforced that belief.



Tom Hilderbrandt and Jim

One hundred thirty-five tops were delivered to Tom Hilderbrandt - President of Hillside Children's



Mike Fahey and Jim

Foundation and one hundred twenty-five tops to Michael Fahey - Assistant Director of Community Funding, Golisano Children's Hospital.

Both gentlemen wanted FLWT membership to know that the tops were greatly appreciated! ♦

Spindle Turning Workshop...Mike Brawley

By David Ververs

Photos by Ralph Mosher



David Ververs

and he is so willing to share his knowledge with us.

Our workshop started at 8 A.M. and finished at 5:30 P.M. We were given a very detailed 47 page handout to start. Our tools were discussed and inspected. Some tools were honed at which time Mike emphasized one of the fundamental axioms of wood turning: **"SHARP TOOLS, FINE CUTS."** Next was the roughing gouge. Mike led a discussion and then went through a drill on his lathe.

January 26, 2013
How lucky are we to have members of FLWT like Mike Brawley? He is a very skilled turner

We then went to our lathes and did a roughing cut, planning cut and a peeling cut. Next up was the skew. Mike did a demo and then we all did a planning cut, peeling cut, "V" cut, shoulder cut and trimming fillets. Working with parting tools was followed by the spindle gouge. We



Bruce Impey

Mike Brawley

Dave Ververs

Clifford Weatherell



Mike demonstrating cutting coves and beads

cut beads and coves. We did a total of eight exercises with Mike constantly available for hands-on help.



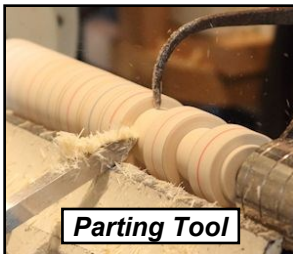
Roughing Gouge



Skew



Students cutting coves and beads



Parting Tool



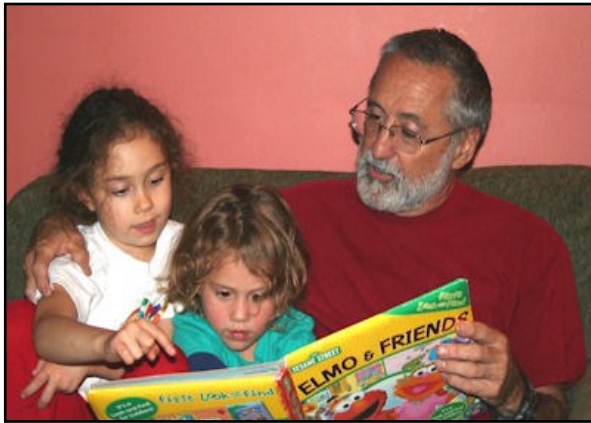
Spindle Gouge

Mike demonstrating the tools

By the end of the day my brain was on overload, but it was a wonderful day. I can also say Mike is a very patient man to put up with me. ♦

Library News and Views

By Gary Russell



Grandpa with Cassie and Cecilia

Last month we had some new donations to the Library. Ed DeMay donated **The Loggers** by *Time Life Books* which appears to be a history of logging in the US. Also he donated **Finishing** by *Nick Engler* which is a book about all types of finishing most of which is for flat work, but the principles still apply to turning. Doug Crittenden made some more donations. I don't know where he keeps finding them. Anyway, he gave us a whole slew of magazines again and **Pathways** by *Cleveland State University Art Gallery*. This book shows examples of various woodturners

work. Thank you Ed and Doug

As you can see from each month's newsletters, donations are the biggest reason our Library has been able to grow so well. Remember they are tax deductible now

I am still looking for someone to convert a few VHS tapes to DVD's. If you can do this please let me or one of the Board members know.

As always a complete list of materials (excluding magazines) are posted on our web site. Materials are loaned out for a month and older materials may be renewed for an additional month by just contacting me. This is not hard folks, and I'm not just looking for e-mail because I'm lonely; it just keeps me informed.

I will continue to bring all the DVD's to the meetings and a few select books and magazines for lending. I will **not** be recording magazine lending so returning them will on an honor system. Bring one take one. If there is a particular book you would like, please let me know and I will be sure to bring it for you.

Gary ♦

“Ask Woodie”

By Woodrow (Woodie) Turner



Woodrow (Woodie) Turner

Dear Woodie,

How do I get that pretty “feather figure” I’ve seen in some bowls or plates?

-Tickled to Try

Dear Tickled,

Ah, here’s the advantage of a chain saw so that you’re not constrained by how someone else cut your block of wood. I believe what you’re referring to is the irregular grain pattern that

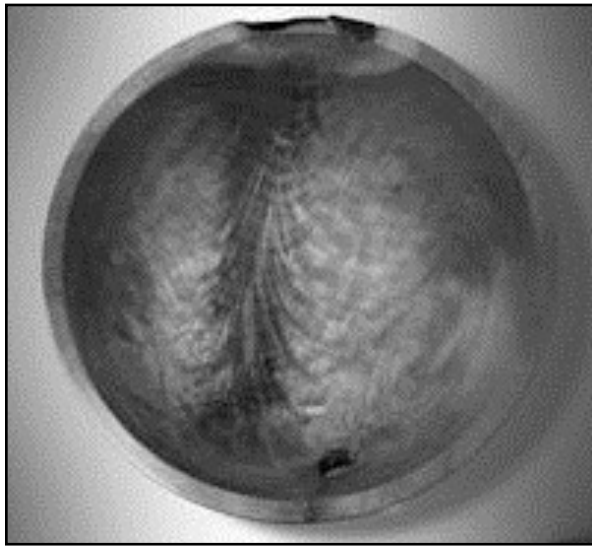
forms at a crotch or fork of a tree as it grows. Here, the pith of the main section divides in two, one for each tree limb, to form a “Y.” A standard approach is to cut the piece containing the crotch into halves, sawing in the plane of that “Y” right along the pith of the main section and of both limbs. Ideally, you’ll have two Y-shaped half logs with the pith removed by the saw kerf. You can now see what kind of figure has been exposed and whether or not there are bark inclusions to contend with. The figure is most prominent near your fresh cut where the pith

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“Ask Woodie”

(Continued from page 7)

was – the figure disappears as you go away from the center and towards the outer bark. So, open forms like shallow bowls, plates, or platters are a good design choice. Lay out a circle that makes the best use of the figure and cut it out with a band saw. Then, try to put the base of your turning near where the pith was, so that you don't remove most of the figure when turning your initial shape.



Cherry crotch wood bowl

Since this was probably green wood, you can do an initial turning, let it dry for some

By Woodrow (Woodie) Turner



Crotch figure detail

months, and then re-turn. And if normal, green bowl-blanks warp while drying, then crotch wood can be, well, crotchety. You may get some amazing warping during drying. Your turned blank has to be thin enough to dry without crack-

ing, but thick enough to maintain your design. After all, it's hard to turn a plate out of a blank that's warped into the shape of a Pringle! Cherry can have beautiful crotch figure, and it tends to show up better than that of a lighter wood like birch. I've included a few photographs of a bowl I turned from cherry crotch wood some time ago. The beauty within is quite evident!. So, give it a try. There can be magic when you saw open a crotch section and see what's inside.

-Woodie Turner ♦

From the Publisher

A note of thanks to the contributors of this issue of the *Finger Lakes Woodturners Newsletter*. Mark Mazzo for *From The Chair*, Bruce Impey for his article covering Mark Mazzo's *Hollowing without the Hassel* demonstration, Dave Verers for reporting on Mike Brawley's *Spindle Turning Class*, Gary Russel for his *Library*

By Ralph Mosher

News and Views, Don DeBolt for article covering *Steam Bending Wood*, David Gould for his write up about *How To Make A French Knitter* and Jim Hotaling for the tops update *I Was Doubtful-But I Was Wrong*. Thanks again to all of you for your input! ♦

Steam Bending Wood...Don DeBolt

Photos by Don DeBolt



Don DeBolt

The first time I attempted to steam bend a piece of wood was in October of 2007 at the Windsor Institute in Hampton New Hampshire. I was attending a week long class along with 17 other brave souls on how to make a Sack back

Windsor chair which is the same style as the Raffle chair. As part of the first day of instruction we needed to bend the arm



Fresh Cut Red Oak Log



Riving the log using a tools

and bow parts of the chair in a 19" radius form which was used for both pieces of wood.

It is interesting to note that both these pieces of wood were cut out of a tree several months prior to the class and were placed in a freezer

until they were removed the morning of the class. As the wood thawed you could feel the sap on the surface of the wood. This is done so that the wood is very wet prior to being steam bent - a real plus to a steam bender.



Steam bending form with chair arm cooling down. Notice the metal strap which helps avoid grain from separating



One of my high tech steam benders

I attempted to steam bend wood at home twice shortly after I returned from the Institute. On my first attempt I was able to salvage 1 piece of wood out of 4. If you are good at math that is a 25% success rate. To say the least I was

quite taken back. So I Emailed Mike Dunbar at the institute about my failures. He responded with a long detailed Email on what I should do.

With new information I attempted steaming 8 pieces and was successful with 7, which would be acceptable by most steam benders standards - 95% is the standard for this kind of bend.

(Continued on page 10)

Steam Bending Wood...Don DeBolt

Photos by Don DeBolt

(Continued from page 9)



Extra Steam bent parts hanging around the shop



Sack Back form ready to go

Here are some things you should consider when you steam bend:

- 1) If you are not using straight wood, it will break. The steam bent pieces in the chairs I make have been rived or split out of a 46" long red oak log which is very straight.
- 2) Use green wood. The wetter the better!!! I have used air dried wood with success. I have never used kiln dried because I am told it does not work well at all.
- 3) Some woods work very well and some don't. Red Oak, White Oak, Ash are good. Hickory works well when it is wet but after it has dried you will have better luck steam bending a concrete block.
- 4) Steam bend on a nice bright day with lots of sunshine. I was told this and laughed but I have to say that it is my experience that it is true.
- 5) Get the heat as high as you can before you put the wood into the steam box.



Unfinished Sack Back with an eastern white pine seat. This same chair became the Raffle chair.



Continuous Arm chair with a seat made out of poplar. Check out the bends on this one. This is a shield seat with the grain running from back to front. The Sack Back seat grain runs from side to side. Definitely my favorite chair design.

6) Many grain splits can be repaired with CA glue, however some can't.

At present I am working on steam bending turned spindles on the upper part of an 1804 bird-cage chair and trying to successfully steam bend a continuous arm chair. Stay tuned for further developments.

If you believe in the saying "failure is not an option" Steam bending is not for you. If you believe in "if you don't succeed, try, try again" then you need to start to build your own steam box!!!!

◆

How To Make A French Knitter...David Gould

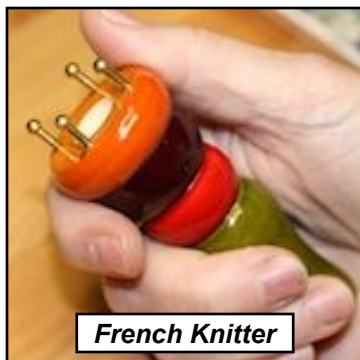
Photos by David Gould



David Gould

I don't know if it works this way around your house, but it certainly does around mine. My lovely wife will see me coming in from working on the lathe, obviously tired and lightly covered with sawdust and know the time is right to inquire

"honey, can you make me one of these . . . except different?". In this case Donna



French Knitter

handed me a small cylindrical object about 5 inches in length with four pins arrayed around the top of the object which had about a 1/2 inch hole run-

ning through it.

She said the thing was called a "French Knitter". Got to call it something I guess. It looked more like a toy than a tool but I was assured otherwise. The yarn that is to be knitted starts around the posts at the top and the completed knitting goes down the center hole until it is the desired length and the knit-work can be finished and taken off the top pins. The qualifier was that the ones Donna wanted were to have more pins around a larger hole. She wanted four knitters. One each with 5, 6, 7 & 8 pins. So it began.

As all us married guys do, having no experience in making what was desired, I

assured my wife that making those items would be "no problem at all". The trouble with enunciating those words is that they imply the job can be done immediately and handed over. Then, of course, I was late from the start.

Thankfully, Woodcraft had a few dowel rods that were 1 1/2 inches in diameter, which would allow for a much larger center



Dowels cut to length

hole while providing outside beads and coves for a comfortable grip.

I was able to cut the purchased dowel rod into several approximately 7" lengths on my band saw.



Drilling 5/8 inch hole

Then using Vic Marc Shark jaws, I mounted the dowels in turn on the lathe and used a 5/8ths inch drill to drill a hole through each.



Re-drilling with 7/8 inch spade bit

That hole would prove too small and I was forced to go



Sanding inside the hole

(Continued on page 12)

How To Make A French Knitter...David Gould

Photos by David Gould

(Continued from page 11)

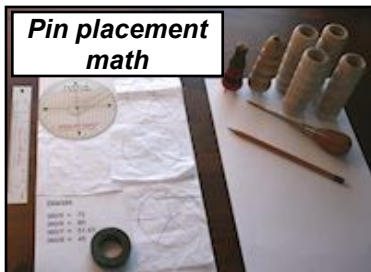
back and use a 7/8ths spade bit for the center holes.

The positive result of that was that sanding the inside of the hole was made easier.



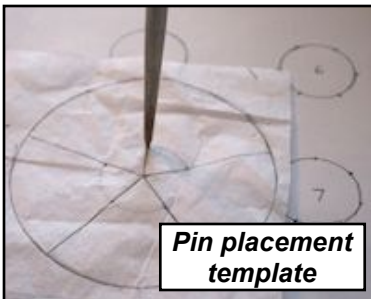
Cut beads

The negative was that the side wall was reduced to 5/16ths which would make the potential depth of



Pin placement math

the beads less dramatic.



Pin placement template

The pin placement around the rim was a matter of simple math. A circle being 360 degrees, determining the spacing between the pins in each hand piece would be accomplished by dividing the number of pins on each specific hand piece into 360 giving the degrees between each pin.

The calculation is:

- 360°/5 = 72°
- 360°/6 = 60°
- 360°/7 = 51.43°
- 360°/8 = 45°

Fortunately I had a compass for this kind of work. So I made circles on tissue paper and added the angles above.

Then I made circles on plain paper just smaller than the top of each hand piece. With the tissue paper angles overlaying

the plain paper circles and with the use of a scratch awl I made punches along the angles where the angle line on the tissue paper crossed the circle on the plain paper.

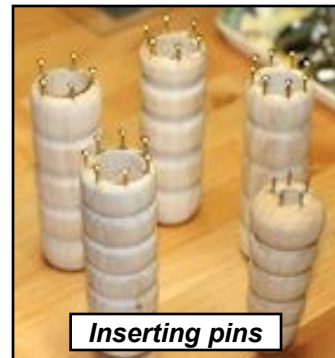
Then each plain paper disc was put on top of each hand piece and the angles marked. The halfway point on the side wall (by thickness) was where I would drill each pilot hole to receive the escutcheon pins (3/4" x 14 gage – Ace Hardware).

The holes were drilled; the pins inserted and tapped-in with the aid of a jeweler's hammer; and except for adding finish, the French Knitters were complete.

The knitter in use: The "No Problem At All" statement evolved



Drilling pin holes



Inserting pins



The Knitter in use

into about four solid days of work. Donna however is happy and that, of course, is all that matters. ♦

Mentor Contacts¹

Name	Day Tel	Eve Tel	Email	Turning Skills / Specialty
Doug Crittenden	924-5903	924-5903	cleo99@frontiernet.net	General turning
Ed DeMay	406-6111	924-5265	edemay@rochester.rr.com	Bowl turning, dust collection
Ward Donahue	334-3178	334-3178	wddonah@frontiernet.net	Spindle & hollow turning, coring, sharpening
Jim Echter	377-9389	377-9389	jechter@rochester.rr.com	Spindle & faceplate turning, sharpening
David Gould	245-1212	245-1212	D2sGould@aol.com	Bowls, plates and hollow-forms
Jim Hotaling	223-4877	223-4877	jhotaling2198@aol.com	Christmas ornaments
Ed Lehman	637-3525		eljw@rochester.rr.com	General turning
Ralph Mosher	359-0986	359-0986	2rmosher@rochester.rr.com	Bowl turning, Boxes, Sharpening, Tool control
Dale Osborne	(315) 524-7212	(315) 524-7212	dborn3@rochester.rr.com	General turning
Erwin A. Tschanz	271-5263 (Dec – Mar)	271-5263 (Dec – Mar)		Historical, bowls, plates, goblets, boxes, bone, antler

1. Here's a great way for you to improve your turning skills. FLWT has award winning and expert turners who, at no cost, are willing to share their expertise one-to-one with other club members. A mentoring relationship might be as simple as getting a mentor's advice in a one time conversation. Or, it might include regu-

lar hands-on sessions over a lathe. The exact nature is up to you and your mentor. If you feel you could benefit from mentoring, organize your thoughts about your needs and contact an appropriate volunteer mentor above to determine if he or she is a match and available. ♦

Calendar of FLWT Woodturning-Events 2012/2013

Date	Event	Location / Time	Pre-Mtg. Show & Share	Challenge	Demo / Topic	
Feb 2013	Fri. 22nd	FLWT Turning Mtg.	Isaac Heating & Air Conditioning Classroom 6:00 - 9:00	6:00 - 6:45	Turn a Two Piece Hollow Vessel	Peter Exton Invited Speaker
	Sat. 23rd	FLWT Turning Mtg.	Isaac Heating & Air Conditioning Classroom	None	None	Peter Exton Demo 9:00 AM—4:00PM
	26th	FLWT BOD Mtg.	TBA 7:00 - 9:00			
Mar 2013	21th	FLWT Turning Mtg.	Isaac Heating & Air Conditioning Classroom 6:00 - 9:00	6:00 - 6:45	TBA	Bruce Trojan Creativity and/or Carving
	26th	FLWT BOD Mtg.	TBA			

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FLWT thanks Isaac Heating & Air Conditioning and Lee Spencer, VP of Finance, for their generosity in letting FLWT use

the "Isaac University" facilities for our meetings! ♦

FLWT Thanks Rockler Woodworking and Hardware a 2012 / 2013 Season Sponsor!



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- Not valid with any other coupon or offer. ♦

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Secretary	Bill McColgin	586-1417	402-0967	mccolgin@rochester.rr.com
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Librarian	Gary Russell	227-8527		cngrussell@rochester.rr.com
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Advisor	Jeffery Cheramie			
Advisor	Roger Coleman	288-0344		rogeracoleman@rochester.rr.com

Local and National Woodturning Events of Interest

Year/Date		Event	For More Information
March 2013	23rd 24th	Totally Turning Saratoga Springs City Center, Saratoga Springs, NY	http://www.totallyturning.com/
May 2013	10th 11th	The CNY Woodturners Present Brad Sears Demonstration and Workshop	http://www.cnywoodturners.org/
June 2013	28 th - 30 th	2013 AAW Symposium Tampa Convention Center, Tampa FL, June 28-30.	http://www.woodturner.org/sym/sym2013/index.htm

January Show and Share

Photos by Ralph Mosher



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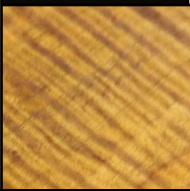


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January Show and Share

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Erwin Tschanz



Sam Tischler



Jim Echter



Harry Beaver

