



Newsletter

January 2015

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Upcoming Events

- Segmenting Class with Ron Bartz on February 21.
- Skew classes with Jim Jacobs - date not set
- Feed My People Bowls in March
- SpringFest
- Hyde Center in June



Mark Palma's finished lightbulb

Editors Comments

As the new newsletter editor I wasn't able to get this issue to be up to my standards. It is being put together with Microsoft Word 2007. I have used it Word for years but never as a newsletter so it will take a few issues to give it either the same look and feel or a different look and feel. Microsoft Publisher may be a better alternative for me since I have used several forms of publishers.

This will be my fourth stint as a newsletter editor and each time has been with a different software or in the instance of my first newsletter, no software. My first newsletter was for a professional group in the late 70's and early 80's when there was only type it up on a typewriter and then physically cut and paste for the print shop to make copies. Then fold, label and stamp for mailing.

My second attempt was a homeowners newsletter which I used either an early version of a word processor or an early publisher on a 286 computer. I had the advantage of printing out the copies on my dot matrix printer which thinking back it was somewhat crude by today's standards but not bad for the times. Unlike the previous newsletter where someone had to type out the labels I had an early database software called PC File and it had every homeowners name and address. But in the end, the newsletter had to be folded and labeled. I didn't mail them since the neighborhood was small and I walked to deposit them in each of their mailboxes.

My third newsletter came while I was still doing the homeowners newsletter. It was the newsletter for the PC Users Group, which Brian George was instrumental in organizing. I worked with Jerry Engedal in developing and improving the newsletter. Jerry was very good at convincing software makers to send review copies of their wares. We tried several types of publishing software and used Corel for a while then switched to Pagemaker. Through all this Jerry convinced me that I needed to get a laser printer. I demurred a while but then paid out a whopping \$1200 for an Epson (this was in the late 80's). The output of the newsletter improved greatly. I did this newsletter until 1999 when the group disbanded.

So here I am with trying out number 4 and it being a web newsletter makes for a lot new challenges but also a lot of the busy work of labels and stamps unnecessary.

I hope to develop a few new article ideas in the future and hope for some group participation.

Tom Leonard

PRESIDENT'S CORNER

Challenges

The next President's Challenge will be in March and will be a racing top. They will be judged on staying power and on looks. Three tops and their owners will start their tops into a dished platter. As they lose speed they will move downward toward the center crashing into what is there. The top that stays up the longest advances to the next round where he will face two more challengers. John De Ryckere will publish rules for the tops, but they will be simple rules.

Learn-To-Turn

Our Learn-To-Turn event with the Eau Claire Boys and Girls Club is a big success, but we are running out of pen kits. If anyone has extra pen kits or pen blanks that they can spare, please donate them to the club. Mark Palma is in charge of this event.

Skew Classes

So you have tried the skew and were an instant success at it. Well, I certainly wasn't and when I asked what members would want to learn, the skew was one of the dominant items. So for those who want to learn more about the skew, we will have a skew class on March 7th.

The teacher will be Jim Jacobs from Hastings, MN. He will teach up to 5 students in the morning 9-noon and 5 students in the afternoon 1-4pm. The cost will be \$25 and will include the cost of wood and the teacher and his expenses. Bring your own skew. Jim Jacobs will bring some skews and will offer them for sale for anyone who needs one.

I attended his classes in at his shop in Hastings and it was well done. Jim took careful pains with each student and quickly solved problems students were having. I bought one of his skews and it is my favorite for now. If you want to take this training, let me (rthelen@charter.net) or Mark Palma (marksworkshop@gmail.com) know.

Feed My People

If you missed the January meeting you didn't see the tremendous stack of donated bowls for Feed My People's Empty Bowls event on March 5th at Florian Gardens. Many people have donated several bowls. The organizers will separate out the best bowls for the silent auction event. I hope yours is selected. It is a way for Feed My People to gain even more donated funds from the community.

Dennis Ciesielski will be collecting bowls for the Menomonie Stepping Stones Empty Bowls event. It occurs on Saturday March 7th. Setup for the event is Friday March 6th, so have your bowls to Dennis by March 6th. He would like to photograph all of the bowls.



Collected bowls for Feed My People

Segmenting Classes

Many of you have indicated a desire to learn how to do segmented turning projects. Ron Bartz will host the next group of students at his shop starting February 21st from 8-noon. The cost will be \$20 for materials (wood and glue, etc). It will be a multiple session instruction. How many weeks it takes is dependent on the skills of the class members.

It is necessary that participants already have skills on power saws, sanders and miter saws. Each training group will be three students. He only has so many tools (never enough). If you are interested in this class contact Ron Bartz at rbglassetching@gmail.com.

Spring Fest

We attended this event last year at Chippewa County Fair Grounds and it was very successful at showing the community what Woodturners can do. This year we will be allowed to sell our items, but they must be juried. The event is April 25th and 26th. Bring you items to be sold to the clubhouse at the April meeting and we will decide what items will be for sale. The club will take a broker fee of 33% of the sales price. Taxes must be paid also.

Heyde Center

We have been invited to exhibit our best works at the Heyde Center in June. All items exhibited will be acceptable to a jury. IF you are interested and have art available now, please send a photo to Rich Thelen at rlthelen@charter.net for judging.

BOARD OF DIRECTORS

Rich Thelen - President

Barry Grill - Vice President, Librarian

Keith Jones - Treasurer
Director

John DeRyckere - Secretary

Joe Nycz - Program Director

Tom Schye - Tool Director

Mark Palma - Education

Tom Leonard - Newsletter Editor

Keys to clubhouse - Rich Thelen, Keith Jones, Tom Schye, and Ron Bartz

Club Sponsor



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MONTHLY DEMO

Bob Eberhardt's presentation was on sharpening. Bob brought in his own wet grinder, a Tormek for demonstration. The club has a slow speed dry grinder.

The advantage of a wet grinder is that there is no heat build up, so for non-high speed steels you do not have the risk of burning the tool. Once traditional steels change colour they will no longer hold an edge. The tool would have to go through heat treating and tempering to become useful again, or by grinding past the altered portion of the tool. They are also very slow, but can sharpen to a very fine edge. This means that you wouldn't use them for reshaping a tool.

Slow speed dry grinders remove metal very fast, but also build up heat very quickly. A typical 8" grinder will run at about 1725 rpm. Most tools now do not have a problem with heat build up, they are either high speed steels, carbides or powdered metal. Older tools may be high carbon steel, which if heated to the point where they 'blue', will lose their hardness.

High carbon steels maintain a good edge, and can also be sharpened well, but again they burn easily. Once the colour of the steel changes to blue they will no longer hold an edge, and so the altered steel must be ground off. A tip off that you have a high carbon steel is the spark when dry grinding. They will be very visible, and individual sparks will fragment many times as they leave the point of contact.

High speed steels also can be sharpened and maintain a good edge, but are not damaged by over heating.

Powdered metals have improved over recent years, thanks in part to nanotechnology. Originally they could not get a very sharp edge, but that is no longer true. Their brittleness has also been improved because of more flexible binders. They will maintain an edge up to four times longer than high speed steels. Carbide is an example of a powdered metal.

The type of grinding wheel is important. The traditional gray wheels are very hard, and as heat builds up the binders burn and the wheel glazes over. Because of this they are not a good choice for a grinding wheel.

It's important for the wheel to be friable, a friable wheel breaks down as it's grinding, always exposing a fresh cutting surface. Here is a decent web page:

<http://www.georgiagrindingwheel.com/grindingwheels_basics.htm>

As far as choice of grit for a wheel, 80 grit is a good all around choice.

Bob demonstrated wet grinding with the Tormek system, as well as dry grinding with the Wolverine system.

The Tormek system has holders to put edges on various types of tools from plane blades, chisels, scissors to bowl gouges. To properly use the Tormek system the tool should be inserted so that the protrusion is always the same, say 2". Bob uses a hand made jig to set this.

On the clubs dry grinder we use a Wolverine type system. To properly use a Wolverine system the protruding portion of the tool should always be the same length, say 2". Bob uses a hand made gauge to set this, and the club has it's own device.

To set the side bevel the tool is put into the adjustable cradle, and the length of the cradle adjusted until the side bevel is the desired angle. To set the bevel at the tip of the tool the angle of the jig is changed until the desired bevel is reached. Once both of these are set, if the same tool needs to be touched up, there's no need to reset it. This obviously is not true if another tool is sharpened between touch ups.

Bob finds that he can reduce tear out by polishing the edge of the tool using a diamond honing card.

When grinding spindle gouges some people put a secondary bevel on, to provide clearance when cutting into sharp details.

Polishing the back side of any tool improves performance, but for chisels it's especially important. There are always two sides to any edge.

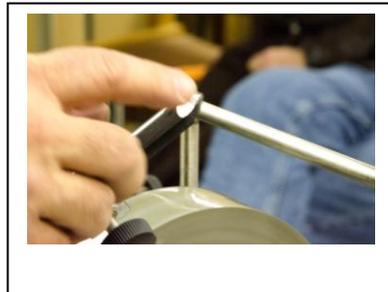
When touching up the grinding wheel itself, it should not be perfectly flat. It should be slightly crowned so that only one area of the wheel is in contact with the tool at a time.

Bob recommends a diamond truing device rather than a block of carbide. He's had the block shatter on him before.

Always check your wheel for imperfections when it's new to you. Hold it by its hole and tap it with a block of wood. If the wheel is in good shape it will ring. If it only thuds then there are cracks, and the wheel needs to be discarded.

A grinding wheel with an imperfection is capable of causing traumatic injuries.

If the grinding wheel is rotating towards the edge of the tool then there will be no burr. If it's moving away from the edge then a burr will be raised. Scrapers rely on burrs, but burrs on a lathe only last for seconds.



Secretary's Report

Chippewa Valley Woodturners Guild Board of Directors Meeting Minutes

January 7, 2015

Present: Rich Thelen, Barry Grill, John De Ryckere, Mark Palma, Tom Schye

Treasurer's report doesn't include \$1500 for community television.

97 members paid in 2014

47 paid so far in 2015

Education committee

Segmenting class with Ron Bartz

Starts February 21st, skips 27th

3 or 4 classes

Skew class

Jim Jacobs about \$20 each for supplies (See Sez Prez for details)

Idea put forth for 3 skill demos over the year

Motion for it to be on the 4th Saturday of month by Mark Palma

Passed unanimously

Spring fest

See President's Corner for details

Get out of fish bowl

Sales

Tax ID

News Letter will be Tom Leonard

Heyde Center

See President's Corner for details

June

Joint appearance with the carvers

SHOW AND TELL

Mark Palma

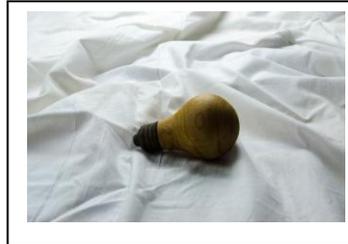
Acrylic Pen



Box Elder Bowl



Lightbulb



John Layde

Segmented Bowl



Birdhouse



Weedpot with Fabricated Flower



Barry Grill

Urn with finial



Roger Leonard

Tops (a few)



Hurricane Lamp



Steve Schwartz - three ornaments



Bob Eberhardt - Bowls and ornament; Ironwood bowl; Apple burl bowl; black walnut bowl
(not necessarily in the order of listing)

