

GOLDEN HORSESHOE WOODTURNERS GUILD

150th Chapter of the AAW

THE CHIP FLYER

Golden Horseshoe Woodturners Guild Newsletter

No. 97

April 2005

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Program Night

- 21 Apr Andrew Turnbull, one of our own members "Therming: not for the faint of heart"
- 19 May "Out of the Woods" by Jim Cars of A&M Woods, Cambridge.
Annual Competition
- 16 Jun "Machine Cut Threads" Jim Fretz
"Thread Chasing" Peggy Wharrick

Mike Brazeau

Jimmy Clewes Demonstration

Friday, April 29, 2005, 7 PM

Knights of Columbus Hall, Burlington

Jimmy Clewes is British turner with a formal education in furniture design and 20 years of practical experience in the aspects of woodworking. He is an instructor for Craft Supplies UK as well as teaching woodturning at various levels in his own studio.

More information about Jimmy can be found at

<http://www.jimmyclewes.com/>.

John at Woodchuckers www.woodchuckers.com is covering the fee for the demonstration. John will have copies of Jimmy's new DVD/Video "Turnaround" available at a good price. There will be a \$5 charge at the door to cover our rental cost for the hall and anything collected above that will go to our guild programs.

Mike Brazeau

Hands On

- 13 Jan** (Think Tank) Tool sharpening discussion in January was a great success, a few people brought some of their special tools, but most people brought their questions. Thank you to Mike Sheppard for doing a great job as moderator. There must have been almost forty people participating in the discussion
- 10 Feb** (Demonstration) Joanne Hallman did a great job of entertaining a crowd of at least 30 people by demonstrating her techniques for creating bottle stoppers. We had three lathes available, so after the demo, several members tried their hand at a bottle stopper of their own, under the guidance of the mistress.
- 14 Apr** (Demonstration) Robin Le Sage will demonstrate how to make mosquito houses. Bring your tools if you want to give it a try.
- 12 May** (Think Tank) How many music instruments can you make using a lathe and a little bit of wood? Stick, maracas, musical bowl, flute, drum, Crum Horn? Bring your creation and we can try it out.
- 09 Jun** (Demonstration) To inspire you for the summer, and the Think Tank in September, Kevin Gillespie will show us his technique on lidded boxes.
- 08 Sep** (Think Tank) Bring your lidded boxes, big, small or round.
- 13 Oct** (Demonstration) Dave Page will show us how to make one of his best crowd pleasers, a top and launcher. Another great idea for Christmas.
- 10 Nov** (Think Tank) This is turning into some kind of a tradition, bring your latest Christmas ornaments ideas to inspire your compatriots.

Robin Le Sage

Upcoming Major Woodturning Events

1. 26th Utah Woodturning Symposium, Provo, Utah. June 16-18, 2005

URL: www.utahwoodturning.com
Telephone: 801-422-2021

2. 19th Annual National AAW Symposium, Kansas City. July 22-24

URL: www.woodturner.org/sym/sym2005/
Telephone: 651 484-9094

3. Fall Workshop at GHWG, Saturday, September 24. Jack DeVos

URL: www.jackdevos.com

More info to follow in the May issue

4. Totally Turning 2005, Albany, NY. Oct. 15-16, 2005

URL: www.totallyturning.com
Telephone: 518 753-7759

5. Ohio Valley WG Turning 2005, near Cincinnati Ohio, October 21-23, 2005.

URL: www.ovwg.org
Telephone: 513-233-0493

If anyone who does not have internet access would like more access please contact Mike Brazeau

Mike Brazeau

Woodturning 101

The following people have graduated from the Woodturning 101 course

February 2005

1. Ken Sutton
2. Patrick O'Brien

March 2005

1. Margaret Sheppard
2. Derek Braithwaite

Peggy Wharrick

Raffle Table 2005 Update

For every item that you bring for the monthly raffle table you get a chance to win a 20\$ Dollars gift certificate from the sponsor of your choice.

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Don't forget to bring good sound wood, magazines, books, tools, finishing products etc. The proceeds help to run the programs in your club, thank you and good luck

In Memorium

It is with deep regret that we announce that Brian Crossthwaite, a former member of the guild, died on Sunday, April 17. He is at Tallman Funeral Home Vineland.

Visiting hours are Tuesday from 7:00 to 8:30 pm.

The funeral is Wednesday morning starting at 10:30 am at the funeral home.

Mike Brazeau



January Think Tank Sharpening with Mike Shephard

[GHWG Market Place](#)

FOR SALE—Ken Goldspink 519-396-3787

Collection of American Woodworker Magazines: Issues start with #24 Feb 1992 through until issue #82 October 2000. (Issue #48 Buyers Guide 1996 is Missing) Each issue cost \$4.95 Cdn, 57 issues now for sale at \$100.00 Cdn.

E-mail: kengold@bmts.com

2005-04

FOR SALE— George Daer 519-759-0942

Delta-Rockwell 46-201 lathe. 12" over bed, 37" between centres, 1/2 hp, belt driven with multi speeds outboard with separate outboard stand for tool rest \$500.

E-Mail: gddaer@sympatico.ca 2005-06

FOR SALE— Guy Mechan 905-336-8549

Carbatec Lathe with ¼ HP motor 2 live centres and mandrel, 6" tool rest, drill chuck, \$200.00 2005-06

FOR SALE—Ken Goldspink 519-396-3787

Ryobi Variable Speed Plunge Router. 1.3/4hp Model # RE 175. This router is as new having never been used. Also included with the router is a router table top insert made by the Rousseau Company which is still in its sealed plastic packing complete with the installation kit. The insert measures 9"x12" and is made of 3/8" thick super strong phenolic. The original sales price of \$49 99 is still attached. The Router and Router Table Insert are yours for a total of \$100.00.

E-mail: kengold@bmts.com

2005-04

The Marketplace Column is a free service for all Guild members. Woodturning, woodworking or related items are welcome for the Sale and Wanted Sections. Contact: Frank Luet at frank.luet@sympatico.ca or phone (905) 847-7339. Items appear in this column for two consecutive months, or extended by request. If you sell your item, please let us know

[Pens for Canadian Peacekeepers](#)

At our April regular meeting, Jim Shaver (one of our newest members) will be discussing a project he's named "Pens for Canadian Peacekeepers".

Below is an excerpt from his web site. Jim will give us more information on this commendable project as well as contact information for anyone who wishes to participate.

PENS FOR CANADIAN PEACEKEEPERS

This project offers gratitude and support to the many Canadian Armed Forces Men and Women around the world who wear the Maple Leaf, not only on their shoulder but also in their hearts. As a country we are often pulled together by events that bring us pride in accomplishment. We are a country that respects human freedoms and dignity. One of our country's distinctions is that we are known as Peacekeepers.

A project to say "Thanks to the Canadian Armed Forces Men and Women" serving on peacekeeping missions around the world.

J.P. Rapattoni



March - Fluting Techniques with John Calver

Rules and Prizes

GHWG Spring 2005 Competition

All entrants must submit an entry form together with \$5 for each entry to the competition chairman, at least 1 week before the competition is to be judged.

1. A piece which has been entered in another guild competition or any Provincial, National, or International competition is not eligible for entry in a G.H.W.G. competition.
2. An entry must have been completed no more than 1 year prior to the date of entry of the current G.H.W.G. competition.
3. A competitor may enter 1 or more pieces in any one class.
4. In any one competition a theme or terms of reference will be established and all entries must meet the requirements of the theme and terms of reference.
5. If desired, entries may be accompanied by an approx. 1" x 3" place card which indicates the title of the piece. Such a card showing "Untitled" would be accepted as the title. There should be no identification or name of the participant either on the place card or on the actual piece. If the name of competitor is signed on the piece, the name must be covered or the piece will be disqualified.
6. Each entry will be assigned a competition number and be exhibited in the appropriate class.
7. A competitor who is unsure of which class to compete in, should consult with the competition chairman, before completing the entry form.
8. All entries must have been substantially turned on a lathe. Finishing should be of high quality and may include dye, stain, paint, lacquer, oil, wax or any other suitable finishing product.

Awards

Novice	1st	\$ 50
	2nd	\$ 30
	3rd	\$ 20
Intermediate	1st	\$ 50
	2nd	\$ 30
	3rd	\$ 20
Open	1st	\$ 50
	2nd	\$ 30
	3rd	\$ 20

Turner's Choice - \$ 50 Open to competitors from all classes **as selected by GHWG members in attendance using a ballot.** (Only one Turner's Choice would be awarded)

Creativity Award - \$ 50 Open to competitors from all classes. To be selected by the judges for the piece showing the highest degree of creative use of the wood characteristics and other materials if used, finishing techniques and overall design.

Josh Pichanick award for Most Promising Novice - \$50 Selected by members of the GHWG in attendance by ballot. (Only one Josh Pichanick award will be awarded)

Judges appointed for the competition would determine the winners of the awards for all classes. If there are not enough entries in each class, the number of prizes may be reduced at the discretion of the competition chairman.

Enter Early --- Enter Often

[March Show and Tell](#)



Tom Hurst



Dave Page



Mike Brazeau



Eugen Schlaak



Eugen Schlaak



Mike Brazeau

Turning a Sphere Using a Spherical Jig

This article was inspired by information that can be found in "Woodturning Wizardry". A review of which can be found later in the newsletter. The book can be found in the club library.

This is a simple but effective wooden jig for making spheres. Please refer to Illustration 1 which shows the jig.

The position on your lathe which holds the toolrest must be able to be adapted to accept the central pivot hole of the wooden jig: this position must be directly below the central axis of the lathe.

Materials

1. Buy or acquire a square metal turning tool about 3/8 inch (9mm) square, and grind one end of this tool 60° back, with a round fingernail shaping upon its end.
2. Buy a piece of 3/8 inch (9mm) plywood (or size to match the tool) that is large enough so that you can cut three pieces to make a jig. The size depends upon the swing of the lathe. Precise details can be worked out after looking at the drawing.
3. Have ready a small nut and bolt, four screws and four Rawlplugs.

Since lathes are of different sizes, the important dimensions are given here. The top of the tool has to be set on the centre line of the lathe. The distance from the drilled pivot hole to the point where the tool protrudes must be about 1 5/8 inch (40mm). This determines the diameter of the sphere you are going to cut.

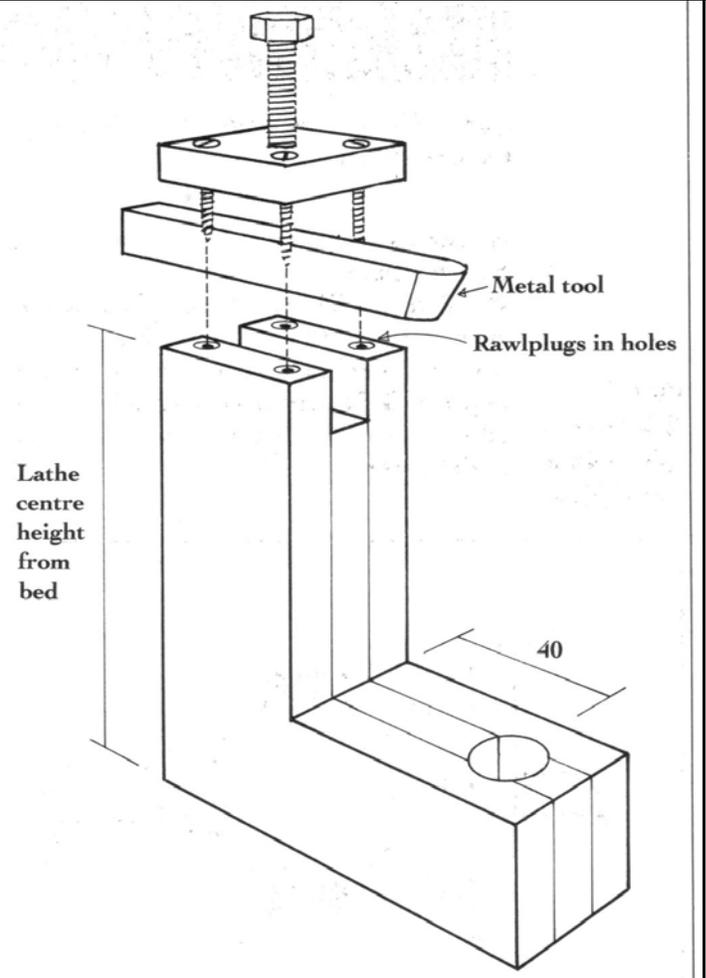


Illustration 1

Construction

1. Cut three L-shaped pieces from the ply: the centre piece is 3/8 inch (9mm), i.e. the thickness of the metal turning tool, shorter than the two outer pieces. Glue and clamp these together.
2. Mark and drill the centre pivot hole to the size of the fitting which holds the toolrest upon your lathe, and cut a cap piece from the ply to sit on top and bridge the tool slot. Drill a hole centrally into this cap piece to allow the small bolt to slip through.

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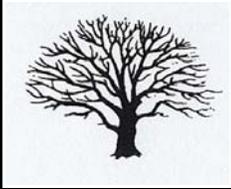


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February Demonstration - Bottle Stoppers with Joanne Halman

Lee Valley Turner's Smock

We designed this three-quarter length smock primarily for turners. The 65/35 poly-cotton blend sheds chips well but is light and cool. It features a wrap-around neck with hook-and-loop closure, roomy full-length sleeves with elastic cuffs, waist-cinch side tabs to keep the smock away from work, and a two-way zip front closure that lets you unzip the bottom for comfort when crouched or sitting. Highly practical for all power woodworking operations, it has reinforced pencil pockets on each arm and large patch pockets on the back for calipers and a rule.

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Turning a Sphere Using a Spherical Jig

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3. The underside is drilled or cut out to accept the nut, so that it can be set flush with the surface. The nut may then be glued in place using epoxy resin; do not let the glue enter the screw thread.
4. Mark and drill four positions, two on either side, on the top of the cap piece. These holes need to be large enough for the screws.
5. Place the cap on top of the jig so that it covers the tool slot and is flush with the edges. Mark through the holes on to the top edges of the jig on either side of the tool slot.

6. Drill holes at these points sufficient to take the Rawlplugs; these plugs will firmly hold the screws, where the bare plywood edge would allow the screws to eventually break out.
7. Fit the tool in the slot, fit the cap in place (once the epoxy glue has set) and screw down. Now fit the bolt into the nut on the underside and lock the tool firmly in position.

Using the Jig

1. Turn the block between centres so that the main body is slightly larger in diameter than the intended diameter of the sphere. This centre section should be slightly longer than the intended diameter as well.

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Turning a Sphere Using a Spherical Jig

Continued from Page 8

2. Reduce the diameter of the stock on either side of this centre section to the size of sturdy dowels.
3. Mark the centre line of the block.
4. Turn off the corners of the block, leaving sufficient wood to cut the sphere.
5. Remove the toolrest, replacing it with the jig. Set the jig so that the top of the tool is at centre height and the front middle tip of the tool and the pivot point of the jig are exactly in line with the centre line that we marked in step 3 above.
6. Swing the jig to the right. Bring the tool out so that it touches the turned off corner of the block. Lock the tool down firmly, bring the jig back to the central position
7. Turn the lathe on.
8. Slowly swing the jig to the right, cutting a small amount from the surface of the block. Swing to the left, then return to centre.
9. Turn off the lathe.
10. Adjust the tool so that it cuts a fraction more.
11. Repeat steps 7 through 9 making sure that each cut is very light. This is done until the tool is almost touching the centre line.
12. Sharpen the tool as needed.
13. The final cut is made so close to the drawn centre line that it almost touches. Do not cut any wood from the centre line.

14. Once the final cut is made, turn off the lathe, remove the jig and sand up the part turned sphere. Cut the stubs at either end, leaving 1/4 inch (6mm).

Finishing the Sphere

You now have a piece that is spherical except for the two stubs of the dowels that were used to hold the piece between centres. To get rid of the stubs you can do the following. Please refer to Illustration 2.

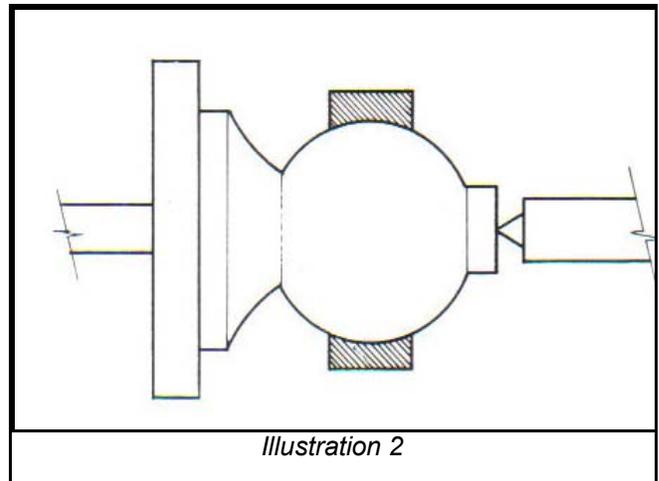


Illustration 2

1. Use a piece of scrap, mounted on the headstock to make a jam chuck with a bevelled edge on it.
2. Make another similar but smaller jam chuck for the tailstock. If you own a suitably sized cone attachment for your live centre then you can use that as well.
3. Mount the sphere between the two chucks so that the stubs are pointing out at ninety degrees to the centreline of the lathe.
4. Turn the lathe on. Slowly and carefully remove the stubs, they will appear as ghost images while the edge of the sphere will appear solid.

Frank Luet

Woodturning Wizardry Book Review

Author: David Springett 1993
Publisher: Guild of Master Craftsman
ISBN: 0946819386
Price: \$28.00 CDN

Woodturning Wizardry is a book that I got out of the club library because Art Deboo based his whistling tops presentation on one of its chapters.

My main regret is that if I don't return it by the next meeting the library commandoes will be conducting a raid to recover the item. Its that good.

Woodturning Wizardry is a book for people who are looking for advanced challenges. It does not teach basic turning skills. I'm a beginning woodturner so I doubt if I'll be completing any of the projects this month, however I enjoyed reading this book immensely. It fired my imagination and has got me pumped up to keep practising and working on my technique so that one day I will be able to make the projects. I'll probably be buying a copy within the next month.

David Springett was a woodwork teacher who became interested in woodturning. While investigating the history of woodturning he came across illustrations of various turnings that were out of the ordinary. In some cases there were instructions on how to create the items but in a lot of cases it was left as an exercise for the reader. David took up the challenge and has developed a number of techniques for making various unusual turnings. One of the results of his passion, inventiveness and willingness to pass on his knowledge is this book.

The first chapters deal with what types of wood to use, custom jigs and chucks that you need to make, toolmaking techniques, a bit of mathematics for marking spheres, safety and a couple of ways to turn spheres.

The chapter on turning a sphere is particularly important since many of the projects are based on taking a spherical object and performing some "magic" on it. Tool making is another important topic since many of the projects require special custom tools that are purpose built. It may seem intimidating at first but I think if you give it a try and are patient the results will be remarkable.

The majority of the book is a series of projects that you can try by using David's techniques.

Here is a partial list:

1. Whistling Top
2. Bottle, Goblet and Arrow
3. Pharaoh's Tomb
4. Lattice Circles
5. Spherical Jigsaw
6. Plug Cut Spheres
7. Various Pomanders
8. Spiked Star in a Cube or Sphere
9. Cube or Lidded Box in a Sphere
10. Chinese and Interlocking Spheres

The instructions and illustrations are all clear and enticing while the colour photographs are gorgeous. The beauty and intricateness of the finished products are enthralling. All in all I highly recommend taking this book out of the library and reading it, it will give you new insight into the magic that can be performed on the lathe.

Frank Luet

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