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THE CHIP FLYER

ISSUE: 26

MARCH 1998

NEXT MEETING

Casual Evening - Members only - **Thursday April 9** - 7:00 pm to 10:30 pm
 Formal Evening - Members and Guests - **Thursday April 16** - 7:00 pm to 11:00 pm
 Next Casual Evening - Members only - **Thursday May 7** - 7:00 pm to 10:30 pm

MESSAGE FROM THE PRES

Way back in August 1997, Vince Redmayne and Eugen Schlaak had independently started corresponding with Robert Sorby of England.

The subject was handed over to the Executive committee and it was originally intended that Robert Sorby and Busy Bee Tools would simply be the feature demonstrators for our regular meeting on March 19 at Tansley Woods.

Subsequently, the date had to be March 25 instead, and Brian McIntosh discovered that Sorby had even advertised the event on the Internet.

To cater for an unknown number of visitors, we hired the auditorium at the Mainway Arena.

Excluding the demonstrators and the press, we had a total of some 110 people present, which included 13 from the Western New York Woodturners in Buffalo and 7 from the Woodturners Guild of Ontario.

And what a night it was - after introductions from Andrew Chapman of Busy Bee and Peter Gill, the managing director of Robert Sorby we were treated to an excellent, world class demonstration by their Production Manager, Mark Baker.

Apart from a microphone that acted up, the only disappointment (minor really) was that in the announcement of this important event in the local woodturning world, as printed in the "The Canadian Woodturner", no mention was made of Busy Bee Tools being in attendance, the starting time, or any contact name and telephone number. Watch the Hamilton Spectator and the Burlington Post for press coverage of OUR event.

I received a call from Mr. Zul Virani the Purchasing Manager of Busy Bee Tools, thanking the GHWG for the well organized and very well attended demo evening.

On June 12th and 13th, a Friday and Saturday, they are putting on a Father and Sons day at their showroom in North York, which will include some of their suppliers, such as Makita etc.

Busy Bee have extended an invitation for two or three members to demonstrate woodturning on both days, and they will provide Sorby equipment and tools, to represent Robert Sorby products, as well as Oneway chucks etc. I have offered to be included, so let me know if some of you are also interested in participating, it sound like a fun time.

During the crush of serving eager buyers, Busy Bee Tools slipped up with an invoice, number

07-022298, dated March 25th. This was for the purchase of a Oneway chuck for \$175.00 plus taxes which totalled \$ 201.25, and each of them thought the other had written up the sale, being Visa, Mastercard or cheque. Please check your purchase invoice if you bought a chuck and do not have the charge card slip, then call and let me know and I will pass the information on to them.

My thanks to all GHWG members who made the evening so successful.

See you all at Rockton.
 Josh

LIBRARY

Once again, our beleaguered librarian Kevin Ellis is appealing to members to "BRING BACK THE VIDEOS". Remember the videos are only loaned for one month and must be returned at the next meeting. If you are not going to attend the meeting, you must find a way to get the video back to Kevin before the meeting. Other members are anxiously awaiting the return of these videos so they can get a chance to see them.

By the way, Kevin has checked and Andy definitely does **not** have them.

NEW MEMBERS

Welcome to our new members
Ross Haines of Etobicoke
Charles Robertson of Hamilton
Robin Lesage of Hamilton
William Duce of Hamilton
Gary Shennette of Mississauga
Frank Farrell of Burlington

THE ROBERT SORBY EVENING

On Wednesday, March 25, 1998 the Golden Horseshoe Woodturners Guild and Busy Bee had the honour of hosting Robert Sorby from England. It was a huge success as there were 115 in attendance.

Peter Gill, Marketing Director of Sorby, introduced Mark Baker. He demonstrated for us a variety of Sorby Wood Turning Tools. The highlight of the evening was how to use the Sorby Texturing Tool. With this particular tool, Mark was able to show us various new texturing techniques for wood surfaces. This was new to most of us.

Busy Bee had a full inventory of Sorby Woodturning Tools on hand. Many of the people present took advantage of the discount that Busy Bee offered. Our thanks to Andrew Chapman, Show Room Manager, and Zul Varani,

Purchasing Manager, who coordinated the evening for us.

This event was part of a large North American tour by Robert Sorby. Thanks to all who attended.

Brian Graham

SUMMER REGULAR MEETINGS

Thursday, July 16/ August 20, 1998

We are planning a hands-on woodturning evening on both of the above mentioned summer meeting dates. 4-5 volunteers are required for each of these meetings. Please contact Brian Graham, Programme Chairman, if you are willing to help.

Brian Graham
(905) 339-3872

WANTED

Full or Part-time Salesperson for the Busy Bee Tools store on Matheson Blvd., Mississauga.

Salary approx. \$10 per hour.
Call the Manager at 905-238-0766.

Josh

MARK SALUSBURY

Our featured demonstrator for the April 16 meeting will be Mark Salusbury, president of the Canadian Woodturners Association. Mark will be showing and discussing a video made at a recent woodturning symposium and discussing woodturning techniques.

Mark has also offered to critique members pieces. Bring in one or two of your best pieces and put them on the show and tell table. Mark will provide constructive criticism of each piece.

CASUAL NIGHTS

Interest in casual night has been growing steadily. Because of this, the executive decided to form a committee to look after the meeting. Jim Campbell has volunteered to be manager of our equipment and Jim Wright has volunteered to coordinate the activities of casual night. They are looking for members to help on this committee. We hope that suggestions for and participation in will continue to make this part of the Guild a success.

Brian Graham

Wood Raffle

The wood raffle was a little lean this month, I guess many members forgot to bring in a donation. The finished item was supplied by Josh Pichanick. He had refinished an item supplied by a previous member, John Hafichuk of Hamilton. John has, in the past, been a very versatile woodworker, delving into cabinetmaking, woodturning, carving and even making his own silk screened clock faces. When he recently sold off some of his woodworking machines, he donated this vase to be given away as a raffle item. Josh graciously took on the task of refinishing the piece in time for the draw.

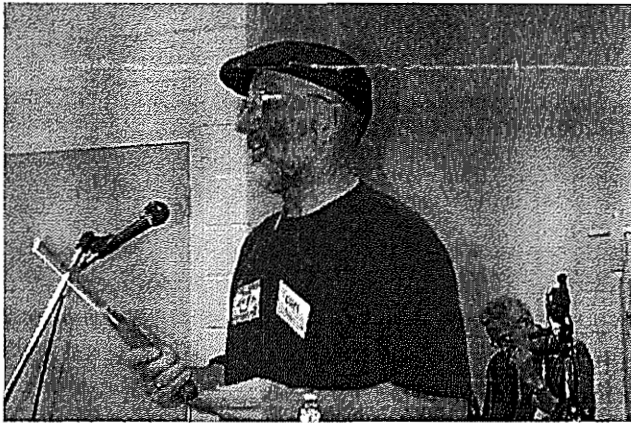
The finished item was won by Andy Ditomaso who took up the challenge and I understand has already finished something for the next meeting.



MEMBERS NIGHT

This month we were treated by not one but four demonstrators, all from our Guild. Cliff Rose gave an overview of tool sharpening, Ken McCuaig discussed the techniques of turning large balls, Eugene Schlaak discussed his experiments on Fuming Oak and Malcom Cummings demonstrated stacked laminated forms.

Cliff Rose began with an informative session on tool sharpening. Cliff first discussed the importance of a well balanced and stable 6" or 8" grinder with an 80x or 120x Aluminum Oxide grinding wheel. He has added the Oneway wheel balancing jigs to his grinder and has found a big improvement in the quality of the grind.



Next Cliff discussed the types of jigs he uses for grind gouges. He uses a side grind jig for some deep fluted bowl gouges as well as a normal jig for flat bevel grinds. With both types he starts the grind with the bevel of the gouge resting lightly on the stone and rotates the gouge across the face of the stone in one smooth motion.

For scrapers he uses the flat grinding jig and regrinds the bevel at about 80 degrees leaving the burr on. For skew chisels he usually grinds by hand to get a perfectly flat bevel. He finds the grindstone gives a hollow grind to his skews and he doesn't get good tool control afterward. When grinding parting tools, he sets his grinding jig horizontal and inline with the center of the stone, then laying the parting tool flat on the jig, he pushes the tool gently into the stone giving a fairly flat bevel.

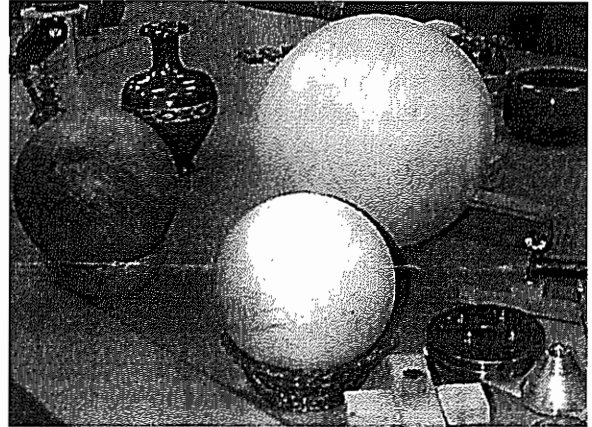
Cliff has one final word about grinding. That is to keep a fine edge on your tools, even if this means returning to the grind stone every few minutes. With experience, you will remove less material and get a sharper edge which will in turn give a better cut on the wood.

Editor's note: Tool grinding is like religion to woodturners. If you want to start an argument, just suggest any particular way of sharpening a tool and stand back.

Our next presenter was (Dr.) Ken McCuaig who discussed turning large spheres which he refers to as Scottish Bocce balls or sometimes Doctors balls. Ken

included a handout with his talk which has been added at the end of this article.

Ken has found that most of his spheres have cracked with time and nothing seems to stop this. While he has experimented with filling the cracks with epoxy, he (and his grand children) still prefers the plain sphere, cracks and all. The technique for making the spheres is on Ken's handout. He has found that realigning them



can be a problem because of their weight, so he invented the "McCuaig mighty adjustable support" which supports the sphere on the lathe and allows him to fine tune the height so he can remount it dead center.

Ken has a huge Oneway lathe and is able to turn the massive balls. Members may wish to start experimenting with something a little more modest.

After the break Eugen Schlaak discussed his experiments with Ammonia fuming of Oak. Some of Eugen's fumed Oak items are shown below.



Ammonia bleaching of White Oak became very popular with the Arts and Crafts style of furniture. While White Oak seems to be the most sensitive the effect and gives the most pleasing shades, it can be used on other woods such as Red Oak. Eugen even tried some on his

100 year old Oak bowls with good results. Ammonia bleaching has the advantage of bleaching the wood without hiding the figure and gives a very even colouring even on end grain, which makes it ideal for woodturning.

The method is fairly straightforward. Build an airtight tent or chamber large enough to house all the pieces you want to fume, place the pieces inside and pour some of the ammonia into an open glass dish. The fumes will quickly flood the chamber and the colour change will begin. All sides of the piece must be exposed to the fumes, so a bed of nails may be required for some pieces, or it may be possible to turn some pieces over at regular intervals. Fuming may take as little as a few hours to more than a day. Eugen has found that it is difficult to predict the amount of time required to get the colour change in any particular piece of wood. While this is not important in one of a kind woodturned items, it can be vital for cabinetmaking, since one would want all the items to be the same colour.

Norm Kemp said he had good success fuming an Oak dining room set which he had to do in multiple batches. He calculated the total square footage of all the pieces inside the fuming chamber, and calculated how long to leave each batch based on this area. He found that all the pieces came out with uniform colour.

Eugen stressed the most important aspect of fuming with ammonia is safety. The stuff is dangerous and can damage lungs with prolonged exposure, not to mention causing mutiny in the household. He recommends doing the fuming outside in case of an accident, and using glasses, a properly filtered gas mask and gloves.

Eugen handed out a sheet outlining some of the supplies one would need for fuming, prices and sources. There wasn't room left to include the whole page, so I have compressed all the information at the end of this article.

The last speaker was Malcom Cummings who discussed stacked laminated forms, specifically the style of vase shown to the right.

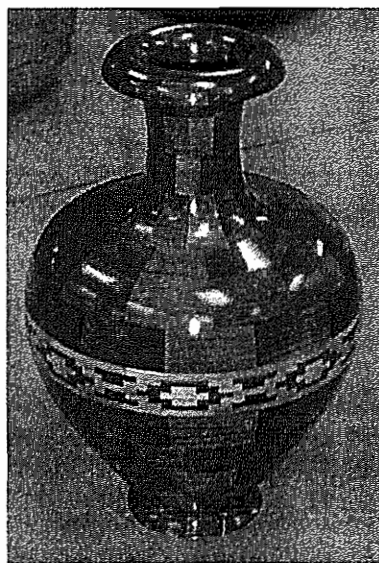
Malcom has developed a technique whereby he makes the top and bottom of the vase first and joins then

at a place where the joint is virtually invisible to everyone but him. His techniques is a follows

1. Make a full scale drawing showing each layer, you will require one full ring per layer
2. Measure inside and outside wall thickness and cut appropriate wedges on a table saw using a jig.
3. Glue wedges into a complete ring.
4. Joint the face of each ring true by mounting it on a faceplate with double sided tape, and scraping with a very sharp, flat scraper. Malcom uses a special scraper with a tool steel tip. Both sides of the ring must be jointed.
5. Glue rings together to build up each half of vase.
6. Turn inside and completely finish, you won't get another chance to do it.
7. Turn outside to shape and leave a little extra wall thickness for final finishing.
8. Turn a dado on each half so the top and bottom pieces will precisely interlock into each other. Glue both halves together.
9. Finish the outside blending the top and bottom surfaces together.

This long and complicated process takes patience and planning, but is well worth it judging by Malcom's excellent pieces.

Once again the GHWG members have shown that their is a great well of talent inside the Guild. We have had four members each discussing a different aspect of Woodturning and generously passing on their hard earned knowledge to the rest of us. Thank you all.



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Gloves "N-DEX" # 7005 \$ 18.26/ box of 10
All above stock at Lawlor Safety Supply Hamilton
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REFERENCES

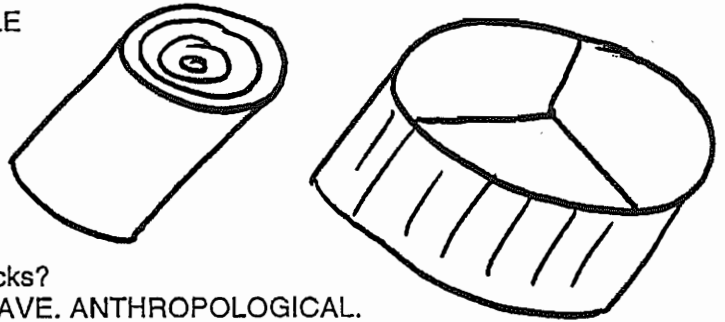
"Fine Woodworking" Issue # 126 October 1997

Eugene Schlaak March 1998

1. Why make wooden balls? FUN. MUSIC OF SPHERES - MICHAEL ANGELO
2. Why make LARGE wooden balls?
RAFFAN. SCOTTISH BOCCE. GRAND CHILDREN. TENNESSEE.

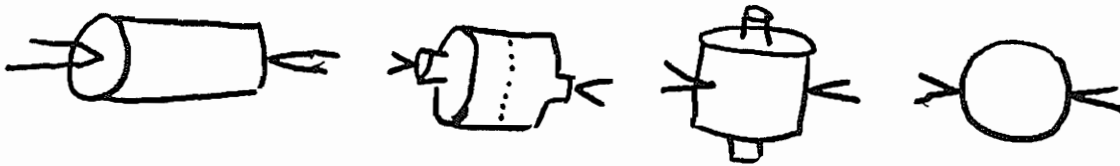
3. Sources of Wood. WOODPILE

PINE
BOX ELDER
OAK
CHINESE ELM
OR GLUE-UP



4. Turning Green: What about cracks?
PLAY WITH EPOXY. MICROWAVE. ANTHROPOLOGICAL.
5. QUICK AND SIMPLE BALL

- A. Turn a cylinder (4 spikes)
- B. Length = diameter "Parting Tool"
- C. Mark equator. Index. Rotate 90 degrees
- D. Cut to the GHOST IMAGE



6. For perfectionists - Avoiding centre marks

USE CUP CENTRES

McCUAIG'S MIGHTY ADJUSTABLE SUPPORT

7. Finish: POLYURETHANE 1 PART
PAINT THINNER 10 PARTS

8. Gallery Quality?

500 lbs burl turned on a CNC lathe, finished with 20 coats of lacquer, hand rubbed.

9. Literature: INSPIRATION AND TECHNIQUE

1. Raffan "Turning Projects" pg. 36, 64
2. Conover September 86 - Fine woodworking (small woodworking projects)
3. Christian Burchard "American Woodworker"
4. David Springett, "Woodturning Wizardry"
5. A.A.W.T - video

Wine Bottle Stand

by Jim Campbell

Recently on one of my trips to Ontario's wine country I saw a wine bottle cantilevered on dimensional lumber and was intrigued with the balanced bottle. I decided to try and use the same principle on the lathe. To make this project work, you have to pay close attention to the dimensions.

THE RING:

The inside diameter of the ring must be 1 3/8 inch. I made mine from walnut but any hard wood with a good close lateral grain can be used. If you use a wood that has less strength, increase the thickness of the ring but leave the inside diameter 1 3/8 inch. Remember to keep the center of the hole the same distance from the center of the base. To do this, if you increase the thickness of the ring, deduct the same amount from the support spindle.

To turn the ring a number of methods can be used, from drilling a 1/3/8 inch hole using a saw tooth drill, which requires using a mandrel and reversing. I bandsawed a circle mounted on a small screw chuck which allowed access to both sides and a ring tool. After separation I used a 1 inch diameter drum sander mounted in my drill press to smooth out the center. Drill a 1/4 inch hole in the center of the edge of the ring.

THE SUPPORT SPINDLE:

Between centers turn the spindle into a 5/8- to 3/4- inch cylinder. Measure and mark the ends 4 1/2 inches apart. Outside these lines turn a 1/4 inch-diameter by 3/8 inch-long tenon at each end.

The spindle turning give you a chance to be creative and practice your skew techniques.



THE BASE:

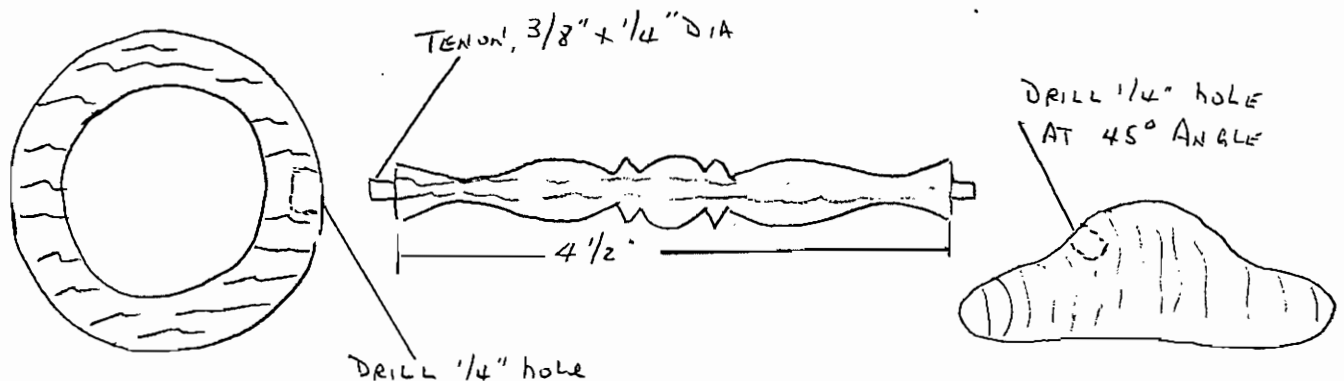
Turn the base about 3 to 3 1/2 inches in diameter, with a area thick enough to drill a 1/4 inch hole 3/8 inch deep at a -45degree angle. (THIS IS CRITICAL)

You can be creative in your design of the base, on some of mine I added a flange to the base for looks. Remember the angle of the drilled hole is critical and must be accurate.

ASSEMBLY:

Align the grain and with a square make sure the ring is parallel with the table surface. I use CA gap-filling glue. It set quickly and hold well. Let the assembled unit dry over night before you attempt to put a full bottle of wine in it.

good luck



TURNING DEMONSTRATIONS AND SEMINARS AT THE GHWG in 1998

APRIL 16 MARK SALUSBURY of the CWA
Mark will be showing a video made at a recent turning symposium and discussing turning techniques.

He will also be doing a critiquing session so bring in one or two of your best pieces for some constructive criticism.

MAY 21 VICTOR BURVILLE of the GHWG
Stacked Laminated Bowl

JUNE 18 Roland Anderson of the CWA
Hollow Turning

SEPTEMBER 17 Paul Ross turning demonstration
Woodchuckers will have a sales table

EARLY FALL Members Swap meet/Garage sale,
details available soon.

UPCOMING EVENTS

ROCKTON WOOD SHOW

Wood Show and Carving Competition
April 17 (12-5), April 18 (10-5) April 19 (10-5)
Rockton, Ontario (519) 647-3899
Hwy. #8, between Cambridge & Hamilton
The GHWG will have a booth at the show and we will be looking for turners and hosts for the booth. Please contact Frank DiTomaso if you can help out.

AAW SYMPOSIUM

12th Annual National AAW Symposium 1998
June 12-14, 1998
John S. Knight Convention Center
Akron, Ohio

Contact Josh Pichanick for names of other GHWG members who may be going and wish to share expenses.

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Cliff Rose

Member at Large

Mary Muir

Newsletter Editor

Frank Ditomaso

NEWSLETTER SUBMISSIONS

If you have any articles, ideas, items (wood, tools, etc.) for sale, articles wanted, etc., please contact me and I will add it to the next newsletter. Please try to get this to me by the end of the month.

Frank Ditomaso, Editor
905-335-5391 (Evening)
905-548-7014 (Weekdays)

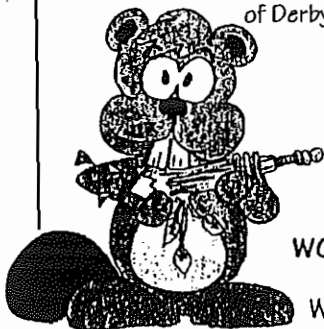
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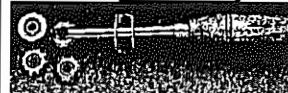
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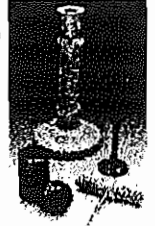
Robert Sorby's Spiralling System Set



NEW!

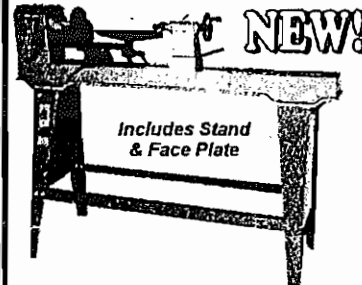
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