

# Echoes from the "BAT" Cave

Baltimore Area Turners



April 11, 2007

Volume 2, Issue 4

## Change of Venue?

The Cayce Company in Hunt Valley has approached us to meet at their facility. They have a warehouse and are a Rockler Partner. President Wayne Kuhn has been in discussion with them and with the owners of Woodcraft who are also very interested in having us continue to meet there. Discussion was wide ranging, and covered issues including availability of large lathe (for demonstrators), weekend vs. weeknight meetings, HVAC status, available space, seating, local vs out-of-town ownership, and other options, such as meeting in schools or other companies.

A Search Committee was formed including Abe Goldstein, Stephen Jones, and chaired by David Welch.



Prez Wayne and Veep Lou (above) lead discussion among attendees of meeting (below)



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## 5/20/07: Smith's Smithy

David Smith announced that he would be hosting a Tool Making Workshop at his house on 5/20/07 from 2-7 PM. He will bring examples of items which can be made to the May meeting.

(Left) A potpourri of items were raffled, including wood, Craft Supplies USA gift certificates, Compressed air hose, and two tool totes donated by Woodcraft.



## Wayne's World! Wayne's World! Turnin' Time! Excellent!



The bowl has to stick to this thing.



Wayne shows EZ Vacuum Adapter



Lou shows home-brew Vacuum Adapter



Getting it all together.



Mirth-mobile? More like BAT-mobile all tricked out with Vacuum Chuck



Two of three vacuum pumps demo'd



The Acid Test



No Way? Way! On Turnit, Wayne referred to his shop as Wayne's World of Woodworking. Check it out!  
Wayne's demo was chock full of the latest technology and, with the able assistance of his sidekick, VP Lou Rudinski, also included home brew variations for the fiscally challenged.  
Details of the assembly are on his handout published on the BAT website. Three different vacuum pumps were used and audience participation was abundant both in sharing tips and in making shavings.  
Thanks, Wayne. It was Awesome! It was Lath-o-licious!

# SCHWING!

# Tips and Tricks

## Vacuum System Components:

Face Plate: Commercial or home brew (See Wayne's detailed handout on home brew chuck)

Seal can be made with AP/Armaflex insulator tape (\$7 at Home Depot (HD)—pipe insulation section) or WEP Shelf Cover (\$5 at HD—storage section) glued on or Foamie (from Michael's)

Vacuum pump: Diaphragm pump OK, Dual piston pump better, Refrigerator pump (rotary vane)—best but, as an oil-lubricated pump, it discharges oil mist. This must be captured in filter. Pumps available on-line or in pawn shops

## Vacuum System Pitfalls:

Leaks: quick connectors / porous wood / bark inclusions. (The latter two can be covered with masking tape.)

Leverage: be careful turning edge of bowl—can lever off of chuck and go airborne.

Difficulty centering: a good way to center on the vacuum chuck is to use a tail-stock chuck adapter. Simply put chucked bowl onto the tail-stock, attach with the vacuum chuck, then remove the scroll chuck—should be perfectly centered

*The above tips courtesy of BAT members at the April meeting.*

Do you have a tip?

Send your tips to [Admin@baltimoreareeturners.org](mailto:Admin@baltimoreareeturners.org)

**Do you have any library items at home?  
9 of the 20 items in the library are MIA.  
Please bring your overdue items to the next meeting.  
Share the wealth.**

# Websites

## Vacuum Chucking websites:

[http://www.wbnoble.com/WN\\_articles/vacuum\\_chuck\\_briefing.pdf](http://www.wbnoble.com/WN_articles/vacuum_chuck_briefing.pdf) - listed in Wayne's handout - includes of technical information on pumps and chuck sealing material as well as variations on vacuum adapters and chucks

<http://joewoodworker.com/veneering/vacuumchucking.htm> - detailed instructions for a home-brew vacuum adapter and chucking system (*courtesy of Jim Oliver*)

# Baltimore Area Turners

Baltimore Area Turners meets every month on the second Wednesday of the month at the Greater Baltimore Woodcraft Store at

1125 Cromwell Bridge Road  
Towson, MD 21286

Next meeting:

May 9, 2007 at 7:00 PM

Demo: Keith Holt: Hollow Form with Pouring Lip

Also:

May 16, 2007 at 7:00 PM at Cayce Company

Demo: Bill Grumbine: Spindle Turning

221 Cockeyville Road  
Cockeyville, MD 21030

# Treasury

## Treasurer's Report

2/28/07 Balance: \$2034.75

Additions:

Dues: \$20.00

March Raffle: \$101.00

Subtractions: (none)

3/31/07 Balance: \$2,175.75