

The CAW Newsletter

The CAW Newsletter is the official publication of the Capital Area Woodturners Chapter of the AAW, and is published for the information of its members. Membership in the CAW Chapter is open to anyone interested in the art and craft of woodturning.

Meeting Announcement:

Date: Saturday, June 9, 2001
Time: 9:30 AM — 12:30 PM
Place: Millennium Arts Center
 65 "I" Street, SW
 Washington, DC 20024

DIRECTIONS TO THE MEETING: From Virginia, take I-395 going East across the Potomac River. 1.5 miles past the river, do not take the I-395 turnoff towards the Capital but continue on towards I-295. At the next exit, take the South Capital Street exit going South. At the bottom of the exit ramp, at the traffic light, turn right onto "I" Street. At the first opportunity, turn right into a driveway and park between the MAC and the health clinic. From Maryland take I-295 across the Anacostia River. Get off at the first exit-12th Street. Turn left onto "M" Street going west. Approximately 1.5 miles down, turn right onto Delaware Ave. At the dead end circle, turn right onto H street and park on "H", the driveway near the clinic, or behind the MAC.

Program For The Month

8:30 AM Help set up for the demonstration. Look over the For Sale items in the equipment room. Have a cup of coffee with your fellow turners. Enjoy the normal hour of skill enhancement and practice time on the lathes. Or talk over problems and techniques with someone who might already have been there and done that.

9:30 AM A business meeting. Photos of member items will be taken for the July Newsletter. The tape library will be open. A silent auction table will be available for donated wood and items. A show & Tell of pieces brought in will be conducted.

10:30 AM Don Riggs will demonstrate the setup, mounting, woods, tools, and finishing for some of his specialty items such as a natural edge bowl, a torpedo clock, a pocket mirror, and other items depending on time.

Silent Auction Table Many contributions of great wood were bought in at the May Meeting. Thanks to all the contributors and good luck to all the buyers. We hope you can find a few more pieces in your wood piles and tools chests in the coming months to keep a viable silent auction going each meeting.

Message From the president

Hello everyone. I hope everybody had a safe and great holiday. Hopefully with some extra time off and all of the rain we have been getting ya'll had some time to turn. We have a great meeting coming up in June. Our own Don Riggs will be the guest demonstrator and no matter what he is going to show us I guarantee you won't want to miss it.

This will also be the time to see our collaborative project before it heads off to the Symposium. I would like to take this time to thank all who have participated, and made it possible for us to have an entry. I would like everyone to extend a thank you to Randy for all of his hard work in ensuring we all had the right information and for keeping the project on track.

It is time for the annual AAW Symposium. I hope I will see a lot of you there. It really is going to be a good time. For those of you who are attending I would like you to think about volunteering to be a room assistant for one of the rotations. For those who have not been there before a volunteer is asked to handle the video camera (very easy) and making sure "their turner" has all of his/her equipment/tools/sandpaper etc. they need for their demo. It really is not difficult. I did it last year, and plan to do it this year as well. It's a chance to meet a great turner and see his/her demo up really close. Also all volunteers get a free T-shirt. Look for more info in this newsletter.

I hope everyone comes out to watch Don this coming meeting. Everybody turn safe.

Bob Pezold

If you would like to help please contact:

Marie Anderson
 5N181 Central
 Itasca, IL 60143
 Home Phone (630)-773-9182
 Cell Phone (630)-222-0277
 Email DanMarie@worldnet.att.net

Please support those companies that support the CAW

WoodCraft Supply
The Concord Shopping Center
6123 Backlick Rd.
Springfield, VA 22150

the
Woodworking
Shop

Coleman M. Fourshee Sr.
 General Manager
 856 21st Street Dr. S.E.
 P. O. Box 5069
 Hickory, NC 28603-5069
 Phone: 828-327-7263, Ext. 218
 FAX: 828-327-4634
 Cfourshee@woodworkingshop.com
 www.woodworkingshop.com

Turning a Tool Rest and Grinding Jig By Larry Gawne



The sharpening fixture for turning tools is a great time and money saver while producing for the beginning turner a perfect cutting edge every time. The time savings is obvious, as within 30 seconds you can have the adjustment for any roughing or bowl gouge set and within the next minute be back at the lathe turning. The money saving comes in two parts. First I made this fixture for less than \$ 5.00 out on pocket and some scrap maple in my shop. This compares to \$ 50.00 or more for commercially made units. The second savings is by using this fixture, in lieu of "free hand grinding", you extend the life of your tool tremendously. It should be noted that with a proper angle and concave edge, you only need to go back to the grinder a lot less for sharpening. The other times I touch up the tool with a hand diamond file.

The Design

I incorporated my sharpening jig into a tool rest assembly for sharpening scrapers at a 20 degree angle. The materials required are as follows:

- | | | |
|--|-----|---|
| (1) 4" x 4" x 7" hardwood block for tool rest | (1) | 1/4"-20 x 1 1/2" lg.panhead screw |
| (1) 2 1/2"x 3" x 3" hardwood block for guide block | (1) | Knob Wood Craft # 85J95 |
| (1) 3/4" x 2 1/2" x 3" hardwood cover plate | (1) | 1/4" - 20"T" Nut or threaded insert |
| (1) 1/2" x 1 3/8" dia hardwood clamp disc | (4) | # 6 x 1 1/4 lg. Wood screws |
| (1) 2" x 2 1/2" x 2 1/2"Vee block tool rest | (8) | # 10 x 1 1/2 lg. Wood screws |
| (1) 1" dia x 36" lg.hardwood dowel | (1) | to suit 3/4" Plywood grinder base if required |
| (1) elect. box knockout used on clamp disc for screw to push against | | |

Tool Rest

The tool rest is a simple piece 4" x 4" x 6" for my grinder. The 6" dimension matches the distance from the base to the center of the grinding wheel. Start by squaring off one end of the block and making sure the sides are square and parallel. Next cut the 20 degree angle the end of the block to total height dimension equal to the center of your grinding wheel. The next step is to bore a 1 and 1/16" hole through the block. As this is an odd dimension for most drill sets, I bored a 1" hole and then used my drum sander and drill press to "open up" the hole to 1 1/16" diameter. The next step depends on your grinder. Mine is a Sears 6" and has a protruding casting at the bottom of the grinding wheel housing. This prevented me from getting the tool rest close to the wheel. Note I set mine 1/4" from the wheel surface. To overcome this issue I bored two 1 1/2 diameter holes on the back surface of the tool rest to a depth of 1 1/2" and then chiseled out the hole to make an oblong slot to go around the casting on the grinder. Sand and finish as desired, that is it. See drawing for dimension and location of holes.



Clamp Block

This piece offered some interesting design challenges. You will note that the photo on my unit is different than this design. This is because with the clamping knob on top, I found that on some of my short chisels that the knob interfered with the handle and prevented the blade from sitting flat on the tool rest, thus the improvement. The piece starts with the truing up of the base block to 2 1/2" x 3" x 3". With this complete, bore the 1 1/16" diameter hole through the block. Note, here again I bored a 1" hole and opened it up with the drum sander. The next step is a 1 1/2" bored hole perpendicular to the 1 1/16" through hole. This should be to a depth of 1 1/4" to provide clearance under the clamping disc. This completes the clamp block, sand and finish as desired. See drawing for dimensions.

Clamping Disc

This consists of a 1 3/8" diameter by 1/2" long disc. After completing I spot faced a 1" diameter area about 1/16" deep to receive the knockout from a electrical box. I CA glue this knockout to the clamping disc. This provided a metal surface for the screw head to ride on and prevent gouging of the clamping disc when the unit is tightened.

Clamp Block Cover Plate

This is a 3/4" x 2 1/2" x 3" piece of hardwood or plywood. You simply drill a hole to receive the 1/4" - 20 "T" nut for the clamp screw to work in. It is best to spot face a area so the "T" nut is flush with the surface. This cover plate is screwed to the clamp block base with the 4 # 6 wood screws. Assembly is just a matter of screwing the pan head screw into the "T", dropping the clamping disc into the hole, metal insert up, and screwing the cover plate to the base block. After the total assembly was together and tested, I put a drop of CA glue in knob assembly to prevent twisting it off.

Vee Block Tool Rest

This piece presented some challenges on how to make it. I started with a larger piece of 4 x 4 stock left over from the tool rest and then cut it to the final dimensions at the end. This provided a larger surface to attach the router jig I made to cut the Vee pocket.

To cut the Vee pocket I made a internal 90o corner in a piece of 1/4" plywood. Each leg of the 90o corner was about 8". Clamping this to my stock at a 45o angle I proceeded to route down the Vee pocket to a depth of 1". I next cut the block to its final dimension of 2 1/2" x 2 1/2" on the cutoff saw and table saw. I then drilled the 1/2" diameter hole to receive the turned down end of the dowel. This is drilled at 1/2" up and on the center of the Vee. The final step was to cut the 45 degree corners off the back of the block on the cutoff saw and then sand the back radius for appearance. Sanding and finishing the finished block.

Dowel Rod Guide

The first step was to put the dowel in my lathe chuck and supported by the tailstock to turn a 1/2" tenon 1 1/4" long. After removing the dowel I trimmed to a final tenon length of 1" on the cutoff saw.

To cut the flat on the dowel to provide a flat clamping surface and prevent the unit from turning in the clamping block, I tack nailed the dowel to a piece of 3/4" x 3" x 36" scrap lumber. The dowel and the scrap were placed on a flat surface to assure that the 3/4" edge of the scrap and the dowel were flush. This now provided me with a means to pass the dowel through the table saw without twisting of the dowel while I removed a 1/8" section creating the flat surface.

Final assembly was gluing the dowel to the Vee block making sure the flat on the dowel is perpendicular to the flat Vee pocket.(To the side of the Vee that your handle is on.

When finishing, I put a cup hook in the end of the dowel to hang the piece for drying. I decide to leave this hook to provide a hanging method should I remove it from the base block when doing other types of sharpening.

Final Assembly

Final assembly consisted of mounting the tool rest and clamp block assembly to the plywood base for the grinder. Special attention was given to assure that the centerline of the dowel was aligned with the center of the grinding wheel and perpendicular to the axis of the grinding wheel. Both these pieces were attached with the # 10 wood screws from underneath the plywood baseplate. Mount your grinder and you are in business.

Group Buy Program

by Cal Frantz

Power Visors are the popular item of the moment for the Group Buy program. We have ordered six Power Visors from our supplier ESP in California at their 25% discount price of \$125. Shipping charges are about \$2.85. As I indicated last time, I will place orders for these items at any time as ESP does not require a minimum purchase for their discount.

Two new lists were started during the May meeting. One is for Anchor Seal. We have to buy this product in five gallon cans, and will then break the lot into one gallon containers when the large can arrives. Thanks to Dick Krehling for a big bunch of one gallon milk containers we can use for local distribution. The second list started in May is for the Cutting Edge. We need a minimum order of \$500 for their 10% discount, so members are asked for \$50 minimum orders to help make this cut.

I expect a slow down of activity during the summer months coming up, so I am not planning any large buy efforts. In September, however, I will be assembling another order for Craft Supplies USA. We need \$1,000 to qualify for their club discount program, which offers very substantial discounts, so start assembling your wish list through out the summer to get in on this buy. Also, I will probably start another buy of CA glue in September.

As previously announced, group buy orders are to be prepaid at the time an order is processed. Checks are preferred, and are to be made out to CAWGB, an account set up for the program. Orders are placed 10 days following club meeting dates. This allows an opportunity for members who cannot attend a meeting to send me an order through the mail. Delivery of all ordered items will be made at club meetings only. The secured room at the Millennium Craft Center will be used to store items between meetings.

If you have any questions about the group buy program, you can reach me by fax at 703 360 6639, or by email at calfrantz@aol.com. My address is: CFE; P.O. Box 7295; Alexandria, VA 22307.

Notices for All

Skill Enhancement workshop will be held on Tues. June 26, 2001 from 9AM. till 3PM. at Woodcraft in Springfield Va. Any special requests, call C.A. Savoy at 703-765-7268 after 9 AM. and before 9 Pm.

Mary Youman should have CAW t-shirts and polo shirts for the June meeting. For those who did not order, there will be a few extras for sale.

Items For Sale:

TORMEK GRINDER with horizontal base and leather honing wheels. Included are 8 attachments. New Price - Grinder = \$395.00; attachments = \$280.00; Total = \$723.00. Will sell all for \$350.00. Will have all items at the June 9th meeting for anyone who wants them.

ELECTRIC MOTOR with Beal Buffing System cloth wheel. Will sell for \$75.00

MAKITA flat, wet grinding machine with 2 stone wheels. Excellent condition. For wet granding all flat edge chisels, planer blades, etc. Will sell for \$50.00.

For any or all of the above three items, please contact Art Jenson at 804-462-0834

18" GRIZZLY Band Saw.

Orig. cost \$795.00
11 Blades 150.00
Total \$945.00

SELL FOR \$550.00, OBO. C.A.Savoy, 703-765-7268

CAW 2001 Officer Roster

<u>Name</u>	<u>Contact Information</u>
<u>Bob Pezold</u> <i>President</i>	8018 Hammond St. Alexandria, VA 22309 703-418-8626 rpezold@erols.com
<u>Randy Bjorklund</u> <i>Vice-President</i>	9422 Wooded Glen Ave. Burke, VA 22015 703-440-8232 Sonja@erols.com
<u>Mike McInerney</u> <i>Treasurer</i>	14526 Creek Branch Court Centerville, VA 22020 703-378-8117 mikemc1421@aol.com
<u>Don Johnson</u> <i>Secretary</i>	2207 Windsor Road Alexandria, VA 22307-1019 703-329-1326 drjpapaw@aol.com
<u>Tim & Sheryl Kochman</u> <i>Program Directors</i>	10411 Todman Landing Court Burke, VA 22015 703-250-4891
<u>C. A. Savoy</u> <i>Show Director</i>	1309 Gatewood Drive Alexandria, VA 22307 703-765-7268
<u>Jim Marstall</u> <i>Newsletter Editor</i>	6213 Capella Ave. Burke, VA 220215 703-644-6797 james.marstall@west.boeing.com
<u>Club Support Volunteers</u>	Gerry Headley - Video Library Cal Frantz - Group Buy Bob Grudberg - Auctions Mary Youmann - CAW shirts

The Kids Say "Thank You"

I want to thank Don Riggs and Don Johnson, who demonstrated woodturning in January 2001, to forty students from the two-week Woodworking Program at the Timber Lane Elementary School in Falls Church. Don Riggs turned more than forty "cup and balls" for the students to put together with string. Students spontaneously developed a game as to who could swing their ball into the cup first. Don Johnson made a whistle with each of the forty students.

In this school, the school year spans the whole year. There are two week intercessions three times per year. It is a great opportunity for students to study a chosen subject in greater depth since the class is three hours per day. Taught by Lynda Smith-Bugge, this is the first time that woodworking has been presented. Her theme was "Trees and Twigs Transformed". Students learned to identify several woods by their buds, bark, color, smell and grain. She taught them the use of right angles, measuring tapes, clamps, saws, hammers, different grits of sandpaper and how to adhere one piece of wood to another.

Here are children's quotes collected by a fifth grader, who wrote them in a class newsletter: "What we learned. A lot of people liked the whistle and "ball and cup" (Thomas, Billy, ad Jonathan). Berrick liked sawing the best. Harpret and Brittany liked building their houses best. Omar and Sam liked building their bird houses best. Lani liked making a holder for her bracelets. Alex liked making his starship. Sara learned "that there is more than one grit of sandpaper. Athe the rest of the class liked working any project (Charlie, Cecilia, Emily and Elizabeth.) And all of us want to thank Mr. Johnson for coming in and for helping us make our whistle, and for Mr. Riggs for coming and helping us make our cup and ball project."

Lynda Smith-Bugge

For Sale

Wilkie Dust Collector, 1 HP, 750 CFM, 2-bag, 4" accessory Y-connector, 12 feet 4" flex hose. New condition, never used. \$130 OBO.

--

Ellison S. Burton
202 N. Royal St.
Alexandria, VA 22314
Tel/Fax: 703-548-2324
bai2@starpower.net

Thanks to the Chesapeake Woodturners Association for permission to reprint the following article.

Looking for a project? Turn a *Dibber!*

This time honored tool, lover by gardeners around the world, can be made in the time it would take you to wash your car.

Dibbers come in a variety of styles and sizes. Don't let the one shown below stifle your creative energies.

Directions for Most Effective Use:

- Push the pointed end into the ground
- Remove
- Place seed(s) in hole
- Cover seeds with dirt





Above left: Scott Wallis - 8 1/2W X 1H sunburst segmented dish of Walnut and Maple. Above right: John Overman - 7"W spalted Dogwood bowl and three small bowls of Peach, Ambrosia Maple, and Maple



Above Left: Frank Stepanski - 14"W X 5"H Silver Maple bowl. Above right: Frank Stepanski - Left background-3"W Madrone Burl bowl; left foreground-4"W Tasmanian Rose Myrtle; Carob natural edge with no bark; and a Cherry natural edge w/bark



Above left: John Noffsinger - 9"W X 4"H lidded Cherry box with Ebony top finial, extruded handles, and surface decorations of pyrography and wood dyes. Above Right: John Noffsinger - 5"W X 3"H Tiger Maple hollow form with acrylic inlay rings and a 4"W X 3"H Maple and Ebony HF - both with pyrography and wood dyes surface treatments.



Far Left: John Noffsinger - 14"H Maple burl natural edge with acrylic inlays. Title: Mr. Fire's 4-door". Near Left: Randy Bjorklund - 14"H Buckeye and Ebony lidded hollow form (Not for keeping your marbles in.). Near Right: Steve Bishop - 14"H Curley Silver Maple called: "Evolution #1". Far Right: Richard Allen - 8"H X 3"W Ebony canister with an acrylic top.



Above Left: Ed Moore - 9"W X 3"H Maple hollow form Above right: Bob Rosand - Items made at the April 2001 meeting as the products of Mr. Rosand's excellent demonstration, that were auctioned off at the May 2001 meeting.



Above left: Ken Darr - 8 miniature turnings (hollow forms, bowls, lidded boxes, mini-tops, scoops, etc.) from Spalted Maple, Spanish Cedar, Birdseye Maple, Spalted Apple, and French Walnut. Above Right: Richard Allen - four 6" Long dusters from Walnut and Curley Maple

Jim Marstall, Newsletter Editor
Capital Area Woodturners (CAW)
6213 Capella Ave.
Burke, VA 22015

CAW Newsletter — June 2001

New CAW Members since May 2001

Welcome all! We are glad you have chosen to add your talents to our club. We look forward to the contributions you will make, and the pieces you will bring in to Show-&-Tell. Your participation will add to our mutual love of woodturning and to our collective knowledge and skill.

<u>Last Name</u>	<u>First Name</u>	<u>City</u>	<u>ST</u>
Cross	Barbara	Warrenton	VA
Fitzpatrick	Mark	Clifton	VA

