

The Mid South Woodturners Guild



Turner's Talk

Bob Speier, Editor

January 2008



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Tips & Helpful Ideas

What's Coming Up ?

By Joan Kelly

"First Furniture"

The honor of offering the first demo of 2008 in our new location at the Bartlett Center has been bestowed on me. Since I recently made my first piece of furniture, a three-legged stool, I plan to show what I have learned. The session may easily become a sharing of information, as I know that many of our members have far more experience than I at furniture making.

One suggestion made to me as I served on the board is that we need to offer more programs for beginning turners or those who are limited by the scope of a mini lathe. The three-legged stool is a wonderful early project. I will talk about basic spindle turning techniques as I make the legs, including making matching spindles. The top of the stool will be turned, which is a good time to discuss use of the bowl gouge for contouring the seat. Finally, we will see how to put it all together with tenons and drilled sockets.

Jim at Colco was very kind in assisting me in with selecting a beautiful piece of Bubinga and giving us a great discount on the price. I will have a *Three Legged Stool Kit* from this wood for auction after the demo with the proceeds to benefit the newly created education fund of MSWG.



Future Woodturners

**MSWG
Board of Directors
For 2008**

President

Larry Sefton

First V.P.

Dennis Paullus

Second V.P.

Steve Yeomans

Secretary

Rick Gillespie

Treasurer

Matt Garner

Board Members

Bob Hobbs

Don Wilcut

Webmaster

Trey Campbell

Newsletter Editor

Bob Speier



The Mid South Woodturners Guild is a proud chapter of the
AMERICAN ASSOCIATION OF WOODTURNERS

Presidents Corner

By
Larry Sefton

On behalf of the new MSWG board, we look forward to the upcoming year and the continued improvement of the MSWG. We also hope you all are looking forward to our new location at Bartlett Station Municipal Center! Thank you to all those that helped make the move success.

As some of you know, my day job is being a safety consultant for a major insurance company. Over the last few years, I have seen far too many woodturning injuries to our club members (including my own) and have observed several close calls at our demonstrations. I know within our club of major cuts, smashed body parts, broken bones, amputations, hearing injuries, skin problems, respiratory problems, slips and falls, and the list can go on. My attitude going forward, I hope the club's attitude, and your attitude is: **If we can not do it safely we will not do it.** How can you help? If you see an unsafe act or unsafe condition, step up and point it out. If you are on the receiving end of someone's suggestion for a safety improvement, please stop and think and be receptive.

On another note – when you are getting ready to attend our meetings, please pull out and bring items for the instant gallery. All kinds of items and skill levels are wanted! Bring a partly finished item that you may be having trouble with and get suggestions on how to improve. I recall one situation when I was having a sanding issue with a bowl. I showed it to Brad McCollum and asked for advice. WOW! So simple – dampen the wood to raise and soften the grain.

I am looking forward a great year and to seeing everyone at the next meeting on **January 26 in Bartlett**. As a reminder, if there are any special demos or demonstrators you would like to see, please communicate your suggestion(s) to Dennis Paullus or one of the other MSWG board members. Also, at the next meeting, I am in hopes that we will have a one-year calendar with all of our planned meeting dates.

MSWG MEETING MINUTES December, 2007

President Speier brought the meeting to order at approximately 10:15am Saturday Dec. 22nd, 2007. Cassandra welcomed visitors and family members. She postponed the approval of the previous meetings minute to a later date.

Matt Garner provided the members a financial report as of 12/19/07. The balance was \$1707.64.

Bob Speier thanked the members for their support throughout the two previous years. He also asked for input to the newsletter requesting articles, suggestions and the like. Bob mentioned that the website had been moved to a different provider which would allow for more space and would give the webmaster more leeway for upcoming projects.

President Speier told the members of the upcoming programs for 2008.

President Speier introduced the new Board Members and the position which they would hold for 2008: President-Larry Sefton, 1st VP-Dennis Paullus, 2nd VP- Steve Yeomans, Treasurer-Matt Garner, Secretary-Rick Gillespie and the two remaining Board positions would be hold by Bob Hobbs (Librarian) and Don Wilcut.

Cassandra discussed the silent auction and the items included and encouraged the member to participate. The funds from the auction would go in the education savings fund.

She also pointed out the next meeting would be held at the new Bartlett location and asked for held in moving clubs things to the facility on Friday Dec. 28th.

Bob Speier briefly mentioned the TAW Symposium in January.

The business portion was adjourned and the members participated in a wonderful Christmas Brunch to celebrate the Holidays.

Submitted by Robert Speier, Secretary MSWG

Shop Talk *By Bob Speier*

at Steve Yeomans 2nd V.P



With the December Board meeting, Dec. meeting, moving, Christmas, and New Years just around the corner, Steve Yeomans graciously allowed me to do a Shop Talk on him. What a good way to introduce him to the members as a new board member and the Second VP of the Club.

Steve first got hooked when he was in high school but like most after he got out of school the facilities weren't available anymore. Not until he was in the service in California was he able to reconnect. His first lathe was a mini Jet then on to an OneWay 1224, which he "absolutely loves." Steve has a beautiful home with a three car garage which he occupied one third of, until he couldn't get around in it any more. He then built the shop you see at the right. He spent a great deal of time mapping and laying it out inside. He has spent most of his time in the past spindle turning until recently when he started turning a hollow form. Look out Keith.



His daughter Heather got involved just by looking over his shoulder until one day she said, "I can do that." Heather would like to get more involved with the club but like most teenagers is involved in many many other things at Germantown High School. She is committed however on coming to the meetings and did join us at Louisville and had a great time.

As a new board member Steve is excited and encouraged about 2008 and looking forward to working with the board in they're endeavors. That's the kind of member we need.

Thanks Steve for helping take pictures on more then one occasion and for your hospitality.



Planning Ahead

What better way to help the Mid South Woodturners Guild than by making a charitable bequest in your will or estate planning process? AAW has provided their members the information on their website for over a year. It came to mind the other day “why not do the same for MSWG?” What better way than to leave a legacy in your name?

Many of you like Sandi and I have a shop full of both woodworking and turning tools and no real someone to leave them to. We have wrestled with this dilemma for quite some time. We have no kids and or no one to leave them to that would appreciate them to their fullest. I’m not saying don’t leave them to AAW but rather consider MSWG as well.

I have no legal guidance other than to say checkout the article on the AAW website <http://www.woodturner.org/org/bequest/> . The article gives examples on what to do. The most important thing is to contact your attorney and make the bequests in you will or estate planning process.

* * * * *

A message from our President

Club help and involvement is needed – please contact me or one of the other MSWG board members if you are willing to “Champion” the following effort:

I would like to suggest that someone step forward ASAP (like now) to organize group transplation to the Symposium. Going as a group has a lot of advantages and can add to the fun.

Some Suggestions are:

- Group rate airfares
- Rent one or two large vans from

someplace like *Vans to Go*
<http://www.vanstogo.com/>

- Charter a bus

It is a long drive, most likely 12 or more hours (with minor stops). Airfares currently are \$350+ plus local transportation.

FYI - Host hotel - The Richmond Marriott. Room rates are \$115.00 for a single/double is **sold out**. There are still rooms at the overflow hotel - Omni Richmond Hotel. \$119.00 for a single /double, (804) 344-7000

Can’t think of a better way to develop more comrodierie amongst our selves

Christmas Party Gallery



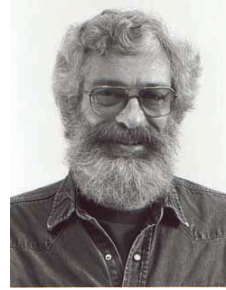
TAW 20th Annual Symposium

January 25-26, 2008!

TAW Symposium in Nashville, TN at the [Radisson Opryland Hotel](#).

(Call (615) 889-0800 and Ask for the Special TAW Symposium discounted room rate)

The Demonstrators for the 2008 TAW 20th Annual Symposium are:



Andy Woodard

Ernie Conover

David Ellsworth

Nick Cook

If you have any questions or need assistance in registration for this Symposium, please call Ray Sandusky at 615-300-0363 between the hours of 9:00AM and 8:00PM. or [TAW website for registration](#)



Featured Demonstrators for the 2008 Florida Symposium

Alan Lacer Michael Hosaluk Lyle Jamieson Mark St Leger
 Emory McLaughlin Dave Barriger Al Caton
 Carl Schneider Dixie Biggs Don Geiger Gene Gross
 Franck Johannesen Ken Thurman

January 11- 13, 2008
 At Lake Yale near Eustis, Florida

<http://floridawoodturningsymposium.com/>

The Mid South Woodturners Guild is a not-for-profit organization formed to promote and encourage the art of woodturning and, in doing so, promote and encourage the art and craft of woodturning in general. Membership is open to anyone.

Classifieds

For Sale: 60" Oneway Bed Extension with Leg. Fits both the Oneway 20" and 24" Lathes with 44" spindle height. Mint condition. Lathe and duplicator shown in photo not included. New retail is \$995.00. Asking \$600.00. Contact Keith Burns: Daytime 774-8830, evenings and weekends 853-6219 or email: keithandjudi@earthlink.net



* * * * *

Original Nova Chuck - Solid Body - for 1" x 8 tpi headstock spindle. Equipped with a set of #2 jaws, spanner wrenches, and screw center. Great starter chuck. \$75 Contact Emmett Manley 372-2023

UPCOMING EVENTS

2008

January 26th * *New location at Bartlett Community Center*

* *Three Legged Stool by Joan Kelly*

February 22nd *Segmented Bowl - Rick Cannon*

March *Ring Master Machine - Rick Gillespie*

April *2nd Annual Swap Meet*

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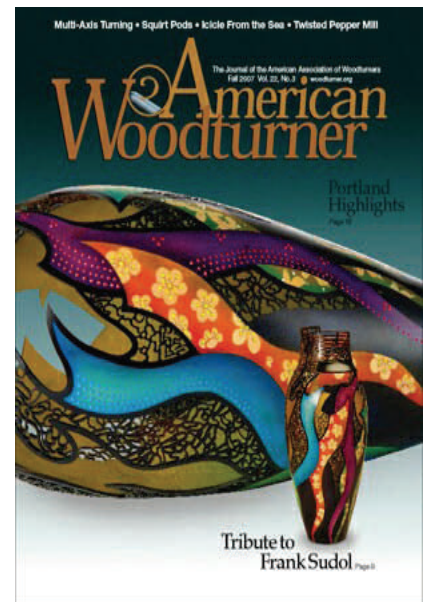


www.packardwoodworks.com/

MSWG Lathe and chucks are made by



8500 Wolf Lake Drive Suite #1



Tips & Helpful Ideas

The article below was featured in AAW's *American Woodturner* and written by *Nick Cook*. I thought it was an interesting article and also tied in with Joan's demonstration on the three legged stool and spindle turning.

Brush Up on Your Turning

By Nick Cook

Dust has been around since the beginning of time. And for reasons not completely understood, some folks make it a lifetime goal to eliminate dust from all surfaces.

Woodturners to the rescue! You can turn any one of these brushes for dusting or any number of household chores. They're especially handy to sweep those crumbs from computer keyboards.

You, on the other hand, may see a barbecue brush leaping off this page. All right! Whatever style strikes your fancy, the end product makes a great gift item for friends and family.

The turning is straightforward and can be completed quickly and efficiently. Some of the examples shown here are tastefully accented with just a touch of chatterwork. Others incorporate a second wood.

Like most any project, there are a number of methods you might use to make these brush handles. The shape of the handles and types of brushes you turn are limited only by your own imagination.

As a production woodturner, I focus on what I know to be quick and efficient to turn. And to what I know will sell. These sell.



By incorporating bristle tufts in diameters from $\frac{5}{8}$ " to $1\frac{3}{8}$ ", you can turn a variety of brushes for household and kitchen use.

Get started

For lathe tools, you need a $1\frac{1}{4}$ " spindle roughing gouge, $\frac{3}{8}$ " spindle or detail gouge, and $1\frac{1}{4}$ " skew.

At the lathe, you'll need a Jacobs chuck, a live center, and a Forstner bit to match the tufts.

Be sure to order the tufts in advance of starting your handle projects. Two sources are Craft Supplies (woodturnerscatalog.com) and Woodchuckers' Supplies (woodchuckers.com). The tufts of Chinese hog bristle come in a

variety of sizes from $\frac{5}{8}$ " (about \$6) to $1\frac{3}{8}$ " (about \$10), large enough for heavy duty-dusting and cleaning. Some bristle tufts are sold exclusively for dusting while others have been sterilized for kitchen use.

Before you start turning a fistful of handles, use scrap or inexpensive material until you become comfortable with the turning steps. I almost always use poplar or soft maple for my prototypes.

Then select a hardwood for turning your handle. For all but the 1 3/8" brush tufts, I use material that measures approximately 1 1/4" square. A 7" to 12" finish length is popular for basting brushes.

For dust brushes with 1 3/8" tufts, select stock that is 2" square. The step-by-step photos on these pages show a 10"-long basting brush with 7/8" tufts.

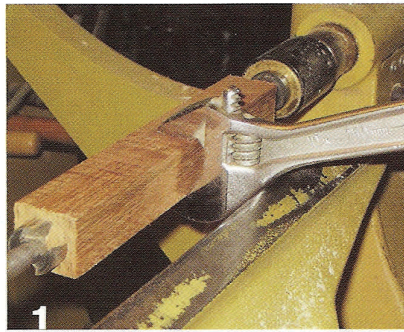
Shape your handle

Locate and mark the centers on each end of the blank. Then make a dimple with either an awl or an automatic center punch at each end. Next, mount a 7/8" Forstner bit in a Jacobs chuck and place it in the Morse taper of the headstock.

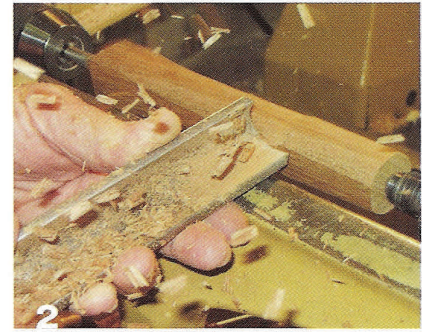
Mount the turning blank between the Forstner bit and the live center in the tailstock. Lock the tailstock in place on the lathe bed and advance the quill to where the live center supports the right end of the workpiece.

Adjust the tool rest to a position parallel to and approximately 1" from the workpiece. Lock the tool rest in place.

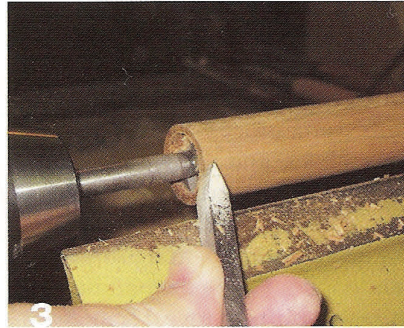
Use the adjustable wrench to hold the workpiece with handle



1 Use an adjustable wrench resting on the tool rest to hold the workpiece while drilling a socket in one end.



2 Use a spindle roughing gouge to turn the square workpiece into a cylinder.



3 With a skew, make a peeling cut across the bristle end of the handle.



4 Complete most of the detail work with a 3/8" or 1/2" spindle gouge.

Photos: Marissa Pruss

resting on the tool rest. Turn on the lathe at approximately 500 rpm and advance the quill into the turning stock (Photo 1). After you drill to the depth of about 3/8", stop the lathe and remove the wrench

from the workpiece. This will be the socket to accept the brush tuft. Adjust the tool rest to a position parallel to and about 1/8" from the workpiece. The Forstner bit will act as a drive center for shaping the handle.

Turn the lathe speed up to a comfortable speed and use a 1/4" spindle roughing gouge to rough down the workpiece to a fully rounded cylinder (Photo 2). Then switch to a 3/8" spindle gouge or skew to make a peeling cut across the left end of the workpiece where the tuft will be inserted (Photo 3). Now you can shape the rest of the handle to suit the intended use and fit of the hand (Photo 4).

Use care near the end with the tuft hole to avoid cutting into where the tuft will be fitted.





5 Sand the handle with 150 grit, then 180 grit and finish up with 220 grit.



6 Apply a penetrating oil with paper towels. (Cloth rags present a safety hazard.)



7 With a skew, separate the waste from the tailstock end.

Sand and finish

After turning the shape you desire, sand the handle with 150-grit sandpaper (Photo 5). Continue the smoothing process by working through 180 and then 220 grits. To eliminate cross-grain scratches, stop the lathe and sand with the grain with 220- and 320-grit sandpapers. (Wipe the handle with mineral spirits to reveal scratches.)

Apply your favorite finish. I apply a coat of penetrating oil (Behr's tung oil finish is my current favorite) because it goes into the wood and does not merely lay on the surface (Photo 6). Sand again with 320-grit sandpaper and apply a final coat of finish as directed on the product label.

After the finish is dry, apply wax and buff the surface. Use a skew or spindle gouge to separate the handle from the waste at the tailstock end (Photo 7). Lightly sand and finish the end.

Blow out any dust or debris left in the tuft socket. Then apply either epoxy or thick cyanoacrylate (CA) glue to the inside of the socket, and push the tuft in until it bottoms out. Avoid using too much glue, as it is difficult to remove squeeze-out after you have fitted the tuft in the brush handle.

Custom Artist's Brushes

Tim Heil, a member of the Minnesota Woodturners Association, has turned several artist's brushes. His search for ferrules and tufts took him to the FM Brush Company (fmbrush.com), where Tim learned about wild boar hair from China and kolinsky mink hair (sable) from Siberia. "The brushes I got from Tim are excellent," says Remedio Rapoport, a Portland painter. "Tim's handles are wonderful because normally this type of specialty brush is only available with the metal ferrule holding the hairs in place without a wooden handle. The rounded shape is useful as the brush is often given small twists to pull long, straight lines."



Photo: Paige DeVries

High on Hog Bristle

When you browse woodturning catalogs for brush tufts, you'll find hog bristles to be the most popular offering. Hog bristle (or Chung King) is fairly expensive and scarce; it is the best natural material for a wide variety of brushes. Tufts of Chinese hog bristles have been used for more than a 100 years to make brushes used for painting, dusting, and basting. Each strand of bristle has a natural taper from the butt end to the tip. The tip of each bristle is naturally split into two or more branches called the flag. It is resilient and the stiffest natural material available. Hog bristle does not produce static electricity and is nonconductive. —Nick Cook

Nick Cook (nickcook@earthlink.net) is an *American Woodturner* contributing editor. He lives in Marietta, GA.