

# THE SAWDUST

NEWSLETTER OF THE CHARLOTTE WOODWORKERS ASSOCIATION, INC.

Volume 18, Issue 2

February 2011

## Newsletter

If anyone would like to contribute articles, information or provide suggestions for the newsletter, please send them to me. We need to make this a group effort.

Thanks also to Peter Stoffel, who assists with note taking at the meetings, and to Tony Profera for the photos he provided : - much appreciated.

Roger Callahan ([roger\\_callahan@bellsouth.net](mailto:roger_callahan@bellsouth.net)) - Secretary



## CWA DUES for 2011

**To remain a member in good standing  
please pay dues before March 31.**

Dues are \$30.00 per year (Students \$15). Make checks payable to "Charlotte Woodworkers Association, Inc " or "CWA Inc".

We welcome our returning and new members and encourage you to bring your woodworking friends to our meetings, so they can also join CWA.

Fred Miller collects dues during the monthly meetings or mail your dues to Fred at 1208 Salem Drive Charlotte NC 28209. The membership application is available on our website

<http://www.charlottewoodworkers.org/>



## Cutting Ogee Style Feet on a Bandsaw

Dave Powles at CWA's February meeting provided a very instructive presentation and demonstration about bracket feet and how to cut ogee style feet on a bandsaw.



Dave described two types of feet, see left column picture; the ogee foot style (left) and the plain bracket foot style (right). The size of the foot should be appropriate for the case size but should be proportional in height and width using the "golden rule" ( 1 to 1.625 ratio). Pattern for a foot can be found in magazines and some club members have created patterns of various sizes made of 1/4" plywood.

Once the size and pattern are known, it is time to select the material, which usually matches the species of wood of the case material. Selecting a piece with proper thickness is critical. For example, for an ogee foot the face profile might be 1/2" and if you piece of wood is only 3/4", then after you cut the profile you have 1/4" of thickness left holding up you case work.

*(cont'd on page 4 )*



Ogee bracket foot

Plain bracket foot

## CALENDAR OF EVENTS

**March 15: CHARLOTTE WOODWORKERS ASSOCIATION, INC. MEETING** - 6:30pm : Bring 'show and tell' - recent projects, items, etc. to share with members prior to the meeting. (Meet & Greet, Show & Tell begins at 5:30 pm)

**March 25-27: THE WOODWORKING SHOW** - The Park (the old Merchandise Mart)  
See for details:

<http://cms.thewoodworkingshows.com/cms/Home/CharlotteNC/tabid/202/Default.aspx>

**April 19: CHARLOTTE WOODWORKERS ASSOCIATION, INC. MEETING** - 6:30pm

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### WOODCRAFT STORE IN CHARLOTTE UPCOMING CLASSES:

See: Woodcraft of Charlotte Website at:

<http://www.woodcraft.com/stores/store.aspx?id=507&page=classes>

Class topics in March include:

- Shaded Fan Inlay
- Pen Turning Basics
- Basic Lathe
- Carve a Duck Head
- Sharpening Hand Tools
- Table Saw Use - Beyond the Basics
- Picture Framing
- Basic Router: Part I
- Turn and Acorn Box
- Scroll Saw Box

### Treasurer's Report: as of 1/31/11

Opening balance	1324.17
Deposits	1065.00
Checks	81.33
Closing balance	2307.84

### Mike Smith's February Meeting Kickoff and Other Items from the Woodpile

- The last weekend in March is the Woodworking Show in Charlotte. We will have a booth. Volunteers needed. You will get in free if you are manning the booth. Call Mike.
- Each Monday night woodworking and assistance is done for JPM and members at JPM. Everyone is invited. Starts about 5:30pm and ends about 8:00pm.
- Two at large members were elected to the CWA Board of Directors during the February meeting. They are Tony Profera and Greg Smith. Congratulations Tony and Greg and thanks for volunteering.
- 'Learn and Build' project will be case work. Options will be a small cabinet, the base or the entire step back cupboard seen on page 3. Call Dave Powles if interested
- John Seaman said the club shirts that were ordered will be available for pickup at the March 15th CWA meeting. (Those manning our booth are encouraged to wear the club shirts but not required.)
- Thanks to Rich Hanson from the Waxhaw Woodturners. He brought their video equipment and monitor to show us how their use enhances the presentation and demonstrations. He also explained how they create DVD's of demonstrations for their library. The benefits were obvious during Dave Powles' demonstration. CWA is considering what it might do in this area.

### Club Logo Embroidered - CWA Shirts

John Seaman has arranged for CWA members to get an official "club" shirt. They are a 6.5 oz. blue denim (short or long sleeve) shirt. Price is \$23.00. Take pride in CWA and order a shirt. See John Seaman at a meeting or contact him at [jseaman170@gmail.com](mailto:jseaman170@gmail.com).

Wear them with pride. If possible wear them when we do public events.

Other items with our logo will also be available for individual purchase, such as golf shirts, hats, vests, etc. See John and his catalogue at our monthly CWA meeting.

## SHOW & TELL

The 'Show & Tell' preceded the start of the February meeting several members displayed and briefly described some of their recent work.

### ❖ Dulcimer



### ❖ Peppermill.



### ❖ Useful Table Saw Jigs



### ❖ Step Back Cupboard



## Cutting Ogee Style Feet on a Bandsaw

(continued from page 1)

It is most important to square the board. You want your stock to be true and square and close to the needed dimensions as you can get.

Begin by cutting the miters.



Also, it is useful to have a rabbet cut in the top of the feet, so you can attach a piece of plywood in the rabbet. It makes it easier to attach the feet to the case frame.

You can put a biscuit or spline joint in the end grain of the miter, but make sure it is at the back of the joint; if not, when you cut the profile you may expose the spline or biscuit.

Dave likes to use Titebond Molding and Trim Glue on the end grains; as it is thick and has high initial tack. You can also add glue blocks to the back of the miter and it is important to cut the glue block so the grain on the glue block runs in the same direction as the grain along the width of the foot.

The first cut on the bandsaw is the edge profile (that is what you see when looking at the case piece straight on). Using a 1/4" bandsaw blade you can cut a curve as tight as that of quarter (\$0.25). A scroll saw can be used for smaller diameter cuts and pieces, such as feet on a jewelry box. Cut both pieces.

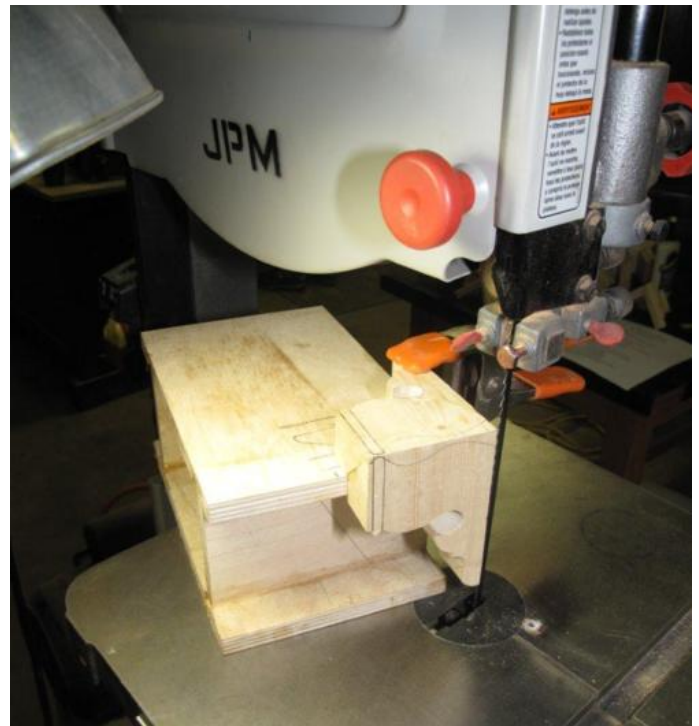
Now, glue up the pieces using the biscuit or spline to reinforce the miter joint.

Next cut the first face profile. The pieces are held on a stand as seen in the picture in picture on this page. Use a 4-teeth per inch blade. You are cutting a board that is approximately 3" thick. Rounding the back edge of the bandsaw blade also helps.

For cutting the next face profile, the glue line at the miter is the line to be used for making the cut.

For the back feet on a case piece that is to be flat against a wall, you need to rabbet the pieces appropriately so the flat piece's end grain is not visible from the side


Dave mentioned, it is important to mark the pieces and to keep track of each when cutting them.



Glue in the glue block and attach the plywood that will be used to secure the feet to the base or a molded edge frame. A frame is typically used, as the case sits on this frame.

### Dave also offered some bandsaw tune up tips:

- The back-stop bearing should only run when cutting, not all the time.
- Guide blocks should be set up with a "dollar bill gap" or it will twist too much in the curves.
- Make sure the tire is clean without sawdust under the blade.
- Keep a sharp blade. When you have to force it - trouble.
- Check the blade is square to the table.
- Never take a band saw up to full compression, If there is a bump in the blade the spring cannot absorb the shock.
- Clean the pitch off of blades.
- For hardwoods, like maple, you may want to use a bandsaw blade lubricant that is made for use on wood.
- Iturra Design has a good catalog for tuning up a bandsaw. (Allen Grayson looked them up after the meeting and their phone is 904-642-2802.)

Thanks Dave - great presentation and demonstration. 

### Best Quote of Last Few Months

"If I get everything square and true; things go much smoother."

*Dave Powles*

## Boy Scouts of America

### *Woodworking Merit Badge:*

Scouts working on some merit badges are at JPM working projects on Monday evenings.

### *Explorers Post:*

We have had keen interest from area Scouts. An Explorer Post (A co-ed teenage division of Boy Scouts for 14 - 21 year olds) has been exploring a variety of areas of wood working in the broadest sense including framing, cabinet making, furniture making, wood turning, etc. They' meet at JPM generally meet once a month on the 3rd Saturday of the month.

Post members that want to also join CWA get a student membership rate of \$15/ year.



## JPM Shop Use

Any current CWA member who would like to use the shop is welcome to do so! All that is needed is to schedule the time! If you have something specific you need to do and you need our tools or a bigger shop to work in, please do so!

To use the shop contact Jim Emery at:

[JimE@JacksonPark.Org](mailto:JimE@JacksonPark.Org).



**The CWA meeting raffle** could benefit from your donation. If you have any tools (old or new) or shop supplies you would like to donate to be raffled, please bring them to the meeting and let Mike Smith know.



## SHOP TOURS

Mike Smith organizes club membership shop tours. The goal is to have shop tours scheduled that are in the same general geographic area to reduce the distances traveled between shops and permit time to adequately tour several shops in a day.

Please sign up even if you don't have a fancy shop

If you would like to put your shop on the shop tour list, please contact Mike at:

[mikececilsmith@carolina.rr.com](mailto:mikececilsmith@carolina.rr.com)

Note: all shop tours are for active CWA members only. Please refrain from bringing guests, family members, friends, dogs etc...

Once enough shops are committed a date will be set.



## CWA Google Groups

**There is a new method for CWA membership to communicate!**

With a single email we can let you know what's happening. You can also view all the 2009 published club newsletters.

**Note: You Can Join This Group on Your Own!** To join:

Paste the entire line below in your web browser's address bar

<http://groups.google.com/group/charlotte-woodworkers>

- Hit "enter", Click the link "Join this Group" (on the right).
- Create a Google account if necessary (all they want is an email address and password). Please save your password in a secure place for future use.
- Once "signed in" select the radio button "Email" at the bottom and enter a nickname.
- Send an email out to the group to introduce yourself!
- Use "charlotte-woodworkers@googlegroups.com" as the "send to" in any email communication to all members of the group.

## CWA MEETING PRESENTERS

All members are asked to keep an eye out for anyone that might make be a suitable program presenter for our CWA club meetings. Who knows, it might even be you!

### Recent presentations have included:

- Dulcimer making
- Shaker Table Build Workshop
- Wheel making
- Windsor chair making
- Spoon Carving
- Fitting a Drawer
- Power Carving
- Bandsaw Boxes
- Hide Glue
- Tuning up a Wide Board
- Workbenches
- Intarsia Lidded Wood Boxes
- Turning a Peppermill
- Using SketchUp
- Log Cabin Building
- Cutting Ogee Style Feet on a Bandsaw

If you know of someone with a woodworking skill that could be of interest please contact Dave Powles at: (704) 506-0403.



Members look over a fourteen year old Explorer Scout's work on a case piece. Bruce Bogust is guiding the scout.



## Boy Scout Woodworking Merit Badge

JPM has been holding shop sessions for 20 Boy Scouts to work towards receiving a woodworking merit badge.

Jim Emery will be looking for volunteers from CWA membership to assist with Saturday workshops, as another session will be offered in 2011. Workshop sessions are anticipated to be held as morning and afternoon sessions.

This is an outstanding way to introduce young people to woodworking. With many school shop programs being phased out this may be the only contact our youth have to a woodshop and the craft of woodworking.

If you would like to put your name on that list to help or would like to find out more please contact Fred Miller at: [fredmiller2@gmail.com](mailto:fredmiller2@gmail.com).

Watch for additional information to be published to the CWA Google group.



## Regular CWA Meeting Time and Place

Meetings of the Charlotte Woodworkers Association, Inc are held the third Tuesday of each month, except for December. Meetings are held at Jackson Park Ministries Woodshop at Sentry Post Drive, Charlotte, NC.

Please check the web site

([www.charlottewoodworkers.org](http://www.charlottewoodworkers.org)) for directions.

Note: you may see construction on Sentry Post Drive as they have been working the area of late.

A social and refreshment time starts at 5:30pm; our meeting starts at 6:30pm. Come to the meeting early and get to know your fellow woodworking enthusiasts!



## *The CWA Library*

Books and DVDs are available from the CWA library for a buck a month. Contact Maurice Blackburn at [MBlackburn1@Carolina.RR.Com](mailto:MBlackburn1@Carolina.RR.Com)

Also, please help your fellow woodworker and make your club newsletter even better by contributing a short book review.

Remember, your review is redeemable for a free DVD rental from the CWA library!

Send your book review to Roger Callahan ([roger\\_callahan@bellsouth.net](mailto:roger_callahan@bellsouth.net))



## **The Classified Section**

### **NO ITEMS THIS MONTH**

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This space is reserved for classified ads! If you have any woodworking or related items for sale that you think would be of interest to the membership please contact: Roger Callahan ([roger\\_callahan@bellsouth.net](mailto:roger_callahan@bellsouth.net)) Include a complete description of the items(s) and a picture or 2 (if possible).  
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Also, check the bulletin board at JPM as other items may be posted there.



## **2011 CWA Officers**



Mike Smith  
President  
704-535-4497  
[mikececilsmith@carolina.rr.com](mailto:mikececilsmith@carolina.rr.com)



David Powles  
Vice President, in-charge of programming  
(704) 506-0403  
Sorry, no e-mail available



Fred Miller  
Treasurer  
(704) 650-8520  
[fredmiller2@gmail.com](mailto:fredmiller2@gmail.com)



Roger Callahan  
(704) 236-2385  
Secretary  
[roger\\_callahan@bellsouth.net](mailto:roger_callahan@bellsouth.net)



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CWA Librarian  
Maurice Blackburn  
(704) 394-8780  
[MBlackburn1@Carolina.RR.Com](mailto:MBlackburn1@Carolina.RR.Com)



CWA Website  
Phil Ashley  
(704)-548-2851  
[phillipjashley@aol.com](mailto:phillipjashley@aol.com)

# Directions to Jackson Park Ministries



From the intersection of I-85 and Billy Graham Parkway:

- 1.) Take Billy Graham Parkway South.
- 2.) Turn Right on Paul Brown Blvd / West Blvd. (this will be after the main entrance to the airport)
- 3.) Turn Right on Airport Drive.
- 4.) First left on Sentry Post Drive.
- 5.) At the end of Sentry Post Drive there is driveway on the left. Enter here. Using the photo above, drive down the driveway and around to the warehouse with the "x" on the top.

From the intersection of South Tryon Street and Billy Graham Parkway (where Woodlawn turns in to Billy Graham). Also exit 6 from I-77.):

- 1.) Take Billy Graham Parkway North.
- 2.) Turn Left on Paul Brown Blvd / West Blvd. (this will be at the light after the Tyvola Road exit)
- 3.) Follow from Step 3 above...



## CWA SPONSOR

*Please thank them every time you use their services.*

### Woodcraft

1725 Windsor Square Drive  
Matthews, NC 28105  
(704) 847-8300

[Charlotte Store](#)

### WHOLESALE TOOLS

4200 Barringer Drive  
Charlotte NC 28217  
1-800-438-3580 (Service)

[www.wttool.com](http://www.wttool.com)

5% - 20% discount with current membership card.

### Klingspor's Woodworking Shop

[www.woodworkingshop.com](http://www.woodworkingshop.com)

800-288-0000

### Irwin Tools

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

### FARRIS BELT & SAW

235 Foster Ave.  
Charlotte, NC 28203

[www.farrisbelt.com](http://www.farrisbelt.com)

704-527-6166

complete sharpening services and abrasives

### Horizon Forest Products

Greenville, S.C.

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

Local Charlotte Salesman Chad Mitchell, 704-401-6426

### The Woodworking Source

184 Azalea Road  
 Mooresville, NC

<http://www.thewoodworkingsource.com>

Phone: 704-662-9663



## CWA MENTOR PROGRAM

The following members have offered their help to anyone interested in learning skills or new techniques in their area of interest. Contact each person to arrange times to get together if interested.

Wayne Manahan

Sharpening

704.786.0768

[wmanahan@vnet.net](mailto:wmanahan@vnet.net)

If you are willing to mentor new woodworkers please let us know. Thank you!



*"I have a lightning hammer –never strikes the same place twice.*

*-John Leake*

Roger Callahan  
3334 Whistley Green Dr.  
Charlotte, NC 28269

BUILD RATE  
US POSTAGE  
PAID  
PERMIT NO.  
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ADDRESS CORRECTION REQUESTED

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