



WOODSHOP ADVISOR



Volume 23 Issue 3

March 2010



Upcoming Meetings

March 3, 2010

(Social Time and dinner 5:15 to 6:30)

Meeting starts promptly at 6:30

MCL Cafeteria

2151 Wabash Ave

Springfield, IL

Program: Working With Hand Tools

Members—Bring antique tools to display

Officers 2010

President Roland Folse 529-2940

President Elect Ron McDonald 498-8885

Past President Paul Goff 502-3486

Treasurer Gary Smith 725-5732

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INTERNET NOTES

Advisor by E-Mail

If you are not now receiving the Advisor by email and would like to, please send me your email address at: caw.woodworker@sbcglobal.net. If you change ISPs, please email me your new email address.

Club Web Site

The address is: <http://www.cawspi.org/>. You will find meeting notes, the monthly portrait, and pictures of show-and-tell items, as well as meeting and open shop schedules.

The **WOODSHOP ADVISOR** is a monthly publication of the Capital Area Woodworkers Club. Its sole purpose is to keep members of the club aware of the club activities, special events and new developments in the field. The Advisor is the right of paid membership. Dues of the club are \$20/year if you receive the Advisor via e-mail and \$25/year for the Advisor sent by mail to your address.

IF YOU HAVE NOT PAID YOUR DUES FOR 2010, PLEASE SUBMIT THEM ASAP.



Feb Meeting Notes

By Dick Metcalf

Roland Folse called the meeting to order at 6:20 and introduced Jack O'Bryan as a new member. He then asked for announcements. Graham Murdock said he was asked to make a replica of the medicine box used by Alias Haynes when Haynes was Abraham Lincoln's doctor. The original box is showing wear; it is often taken to schools when presentations are made about Lincoln. It needs to be taken out of circulation. Graham has all the wood and hardware necessary to build the replica but he thought it appropriate to ask if others from CAW would like to participate in the project. He specifically needs help with the lock mechanism and with the application of veneer. Graham renewed his CAW membership this meeting. Dan Schmoker told of a British magazine, "Good Woodworking," he found at Barnes and Noble. A review of the magazine revealed many very interesting articles of probable interest to our members. Paul Aheren said he has several hundred board feet of cherry wood for sale and members should contact him if interested. His cell is 971- 8842. Roland announced that Jeff Miller, well known woodworker and writer, has agreed to come and give us a one day seminar on August 28, 2010. We have not chosen a shop for the seminar at this time. Jeff has written books on chairs, beds and other furniture design and building. Roland further announced that Phil Brooks, a well known wood turner in the Chicago area, will come to our club in October to give the presentation.

The scheduled program on finishing began with a presentation by **Ron McDonald**. Ron said finishing has always been a challenge to him and he took several classes at the Mark Adams School which opened his eyes to better ways of finishing. He recommends Flexner's book on finishing as one of the best he has read. Ron does a lot of work with speed finish in his shop. He first sands the project with 150 grit sand

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paper. Next apply a heavy coat of boiled linseed oil with a rag. Then apply a coat of shellac using muslim material (that can be purchased at a fabric store). Spray the muslim with shellac when it starts to dry. This step is similar to that used in French polishing. Keep applying thin coats until the polish gets sticky—that's when it's done. The alcohol in the shellac evaporates quickly and causes the shellac to dry fast. (An article in *Fine Woodworking* 186 by Jeff Jewitt discusses this method.) Ron completed the finishing by rubbing the wood with 0000 steel wool and applying a coat of Johnson's paste wax, all accomplished in about 20 minutes.

Next to speak was **Dan Chevalier** on the subject of using polyurethane to finish his furniture projects. Dan showed a project of his where he (and his wife) applied about 6 coats of poly. He likes to apply the poly using a pad (old handkerchief) as Ron demonstrated. It goes on easy but takes a lot of coats. The wipe-on poly is very forgiving when applied in this manner. Apply liberally, don't wipe it off, let it dry for about 3 hours, sand it with 0000 steel wool or use a scotch guard pad, then finish it with wax.

Gary Smith was next speaking on spraying systems. available for a small shop. The easiest to use is a turbine system—which is an HVLP system. The turbines come in 2,3 and 4 stage units. They are powered by a vacuum type motor and the stages refer to the number of fans inside the system. Two stage systems can be found in Earlax and other relatively inexpensive systems. They are good for spraying light finishes but do not do well spraying the heavy stuff such as latex paint. Commercial finishing shops have both the two stage and at least one 3 or 4 stage system. Both are a good substitute for those of us who don't want to haul around the older, heavier compressor units. Gary tells about his use of his four stage system used to spray latex paint on doors installed on new house construction. It works very well; the unit is light weight with very little overspray. Gary spoke of the difference in the guns: bleeders and non bleeders. The bleeders have constant

air released at the gun while the non bleeders release the air at the turbine. Gary told us his practice is to use Flow Throw when the latex he is spraying must lay for longer periods. He also uses water to thin latex and alcohol to speed up the drying time. Gary went on to discuss air compressors. Used with high pressure suction guns, the overspray is typically 70%. They were very popular in previous decades but are, essentially, obsolete now except when used with a touch up gun. If anyone must use a compressor with a spray gun that is used for anything and everything, Gary recommends the DeVilbiss Finishing Line Series with a 3hp or bigger compressor.

Show and Tell

George Wilber presented a walnut coffee table he made in high school shop in 1944. He used only the table saw and lathe power tools because the instructor believed most everything should be done with hand tools.

Dick Livingston presented a jewelry box he built for his daughter. Made of oak and cherry, it had 3 drawers and a pink lining. The finish was amber and clear shellac.

Roland Folsie presented a table with banding around the outside. His son, a professional wood worker. in Indiana, makes the banding. The banding is made in a box and cut in 1/16" slices. Cherry and walnut wood was used.

Bob Fox presented a dovetailed walnut drawer. This is the first of 17 drawers made for his wife's kitchen cabinets he started 10 years ago. He brought the drawer to the meeting to show the finish done with an air assisted spray gun that uses less air than an HVLP gun.

Dan Schmoker presented a new blade he purchased for his pull saw. He made a handle for it without finish on it.

Note: Thanks to all who filled out a Show and Tell information sheet. Please continue to do so.

Staining End Grain



When applying liquid stains, the stain soaks more deeply into the pores of the end grain than the face grain, darkening the ends much more than the faces, see photo above.

One way to even out the stain color is to sand the end grain with a higher-grit sandpaper than the face grain.



In the photo above, the face is sanded with 220-grit and the end grain with 600-grit, resulting in a much better color match.

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