



THE R.I.P.S.A.W. REVUE

wiscwoodworkersguild.org

Rendering Informative Programs Serving Area Woodworkers

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June 2010

John's Jaunt

Welcome to the June edition of the RIPS AW and John's Jaunt! Summer is upon us: the kids are almost done with school and the summer schedules are rapidly filling up, including my oldest learning to drive! The next couple of meetings are all about the members. In June, there will be half-a-dozen or so demonstration stations with topics ranging from turning to marquetry. In July, it is time for show-and-tell, so start thinking about what you would like to tell us: jigs, how-tos, projects, etc. are all interesting to the other members. I really enjoy these types of meetings because we have some very talented members. We will be taking the month of August off, resuming in September.



from one of our workshops. Can I get it done before the June meeting or perhaps the July meeting? Jerry Tackes showed a couple of us a neat and pretty simple cutting board project that I want to try out. It involves a jig to cut accurate strips of wood on the table saw so I am working on that. I have all the parts and just need to assemble.

Our 2010 calendar is pretty well locked down so we are working on 2011. If you have ideas for topics and/or are interested in

presenting please let a member of the board, or the program/workshop committee, know. I would like to get back to having more of our members present. You have a wealth of knowledge and experience we would love to hear about!

I don't have any major projects in progress right now, just trying to finish up a couple including the Shaker shelf

Happy woodworking!

-John

Reflections Reflections

The basics of good wood finishing

Submitted by Kevin Seigworth

Bill Robillard recently retired and is pursuing his dream of building a restoration and refinishing business called Encore Restorations. www.encore-restores.com. Bill completed the full time program at the National Institute of

Wood Finishing in Minneapolis, MN. He shared with us his perspectives on the basics of good wood finishing.

Topics discussed include: six steps to a great finish; wood anatomy for finishers; sandpapers / surface

preparation; sealers/conditioners/fillers; understanding dyes and stains; selecting your finish; varnish, lacquer, water base, shellac, oil, polyurethane; application tools – brushes and spraying; and finishing the finish

When customers buy furniture the number one criteria is how it looks, the color, sheen and weight of the coating. Then they test how it feels. Finally they look at how well it is built. This is typically the opposite of how woodworkers look at a piece.

Six steps to a great finish

Step 1

Decide what you want it to look like as well as the performance level of the coating.

Before starting - create a finishing storyboard.

Step 2

Understand the substrate you are using, the species of wood or veneer or both.

Step 3

Prepare the substrate to a clean and blemish free surface. Seal or wash coat?

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Step 4

- A) Select and understand the coloring agent, stain or dyes.
- B) Select and understand the protective coating.

Step 5

Select the right tool and buy quality brushes, spray cans or spray equipment.

Step 6

Education and skillful use of your finishing tools.

He then discussed the differences in wood and how that affects finishing. Ring porous woods like oak, ash and hickory take stain well and will have a lot of texture unless the pores are filled. Diffuse porous woods like cherry and maple have small pores and tend to blotch so a dye, toner or wash coat work well.

Bill discussed the differences in sandpaper grading systems. The US standard is CAMI and the European standard is FEPA. The grits diverge widely after 220. He prefers FEPA as the standard is stricter and the grit is more uniform in size. Ring porous woods like oak should get sanded to 180 and diffuse porous wood like cherry should get sanded to 220. Sanding past 220 could lead to adhesion problems for the finish.

Bill discussed using a sealer coat to block off contaminants or a layer of glaze.

Fillers are used to create a smooth surface for a glass like finish. Oil base fillers are not stainable while water base fillers are.

Stain includes the pigment, binder and solvent. Oil based stains are good at popping grain.

Dyes come in four variations. There is water soluble, alcohol soluble, oil soluble and non grain raising. Dye will not highlight defects like pigments can. Dye is also not lightfast so it is best to keep dyed furniture out of direct sun,

Film finishes dry hard and can be built up in layers. They include shellac, lacquer, water base and varnish. Shellac is a “green” finish that is easily repairable. Lacquer dries very quickly so there are minimal dust nibs. There are several variations of varnish with wiping varnish being one of the easiest finishes to use. Water base is easy to clean up but may not be as “green” as it seems because of the glycol ether it contains. It also tends to give a washed out appearance to wood.

Brushes should have natural bristle for oil base, synthetic for water base and Taklon works great for shellac. Bill suggested learning to spray finish by practicing your technique using aerosol spray cans.

The final step is finishing the finish by rubbing it out after it is fully dry, at least a week. This is what provides the feel

of a smooth finish, not the wood below. Rubbing out removes the dust nibs, brush marks and other imperfections. Rubbing out can be done with sandpaper, steel wool, synthetics, micromesh or rubbing compounds. Use a sanding block and a lubricant such as water, soapy water, mineral spirits, oil, or wax.

Bill covered a lot of material and provided a high level overview of the topic of finishing. Time did not allow deep dives into all of these topics but Bill did a great job of introducing us to the major topics and considerations on the basics of good wood finishing.



Hint for use with pipe clamps

Tightening a pipe clamp can be a real knuckle buster when the pipe clamp sits on the workbench. So make a couple $\frac{3}{4}$ in. thick wood spacer blocks to raise the pipe clamps up and make it easy to turn the handle.

These clamp blocks have the added advantage of acting as clamp pads to protect the work piece from the clamps.

PRORAM NOTES

Wisconsin Woodworkers Guild

Wooden you want to know!

Wooden you want to know there are 50,000 different species of wood? Wooden you want to know some hardwoods are soft? Wooden you want to know George Washington's false teeth were not made out of wood?

Wooden you want to know who the six Guild members are that will be presenting at our June Guild meeting?

Guild member presenters:

- Cory Megal -Hand cut dove tails
-Planes,
- Jerry Tackes -Inlay
- Vern Eilders -Lath turning,
- Klaus Zunker -Chip carving
- Lou Enders -Marquetry
- Bill Smeaton -Scroll sawing

All events will be going on at the same time. Hope you enjoy the evening.

Our July meeting will be "SHOW AND TELL", bring your projects to share, bring your successes and your failures so we can all learn.

Thomas Schuppe, Program/Workshop Co-Chair

Board Briefs May, 2010

Attendees: Ed Cessna, Bill Godfrey, John Johnson, Shane Linskey, Jay Pilling, Tom Schuppe, Jerry Tackes

Membership: 123

Treasurer: Balance: \$9,896.23

Programs/Workshops: A tour of 3 members' shops is being planned for Saturday, July 17. Cabinetmaker George Von Driska present the October program and a 2 day workshop. The workshop on October 9 and 10 will cost \$150.

Other Business: It is time to begin thinking about the election of Guild officers for 2011. Anyone wishing to serve as an officer should contact one of the current officers.

Respectively Submitted
Ed Cessna

Wisconsin Woodworkers Guild
Raffle winners at the May 2010 meeting.

The May raffle winners were George Egenhoefer who won the signed mortising chisel, and Carl Szopinski who won the can of shellac.

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216/631-5309 www.homesteadfinishing.com
- Rockler's (The Woodworker's Store)** 845 N.
Mayfair Rd, Wauwatosa, 414/774-1882
- Woodcraft**, 14115 W. Greenfield Ave New Berlin, WI
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- Woodline USA** can be reached at 800-472-6950

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Hint for expanding your pipe clamps

Adding new sections of pipe to your existing pipe clamps is a low cost way to get a set of longer pipe clamps without buying new clamps. You need to buy only various lengths of pipe with threaded ends and a few couplers. But no new clamp jaws.

Then assemble the length and number of clamps you need for a project from the pipe clamp parts.

Rockler Class Schedule

Tenon Cutting on the Table Saw, Saturday, June 5, 9:30am

FLAG DAY Pen Turning Class, Saturday, June 12, 9:30am

Screwdriver Turning, Sunday, June 13, 11:30am

Lathe Turning Demo, Saturday, June 19, 9:30am

Woodworkers Pencil Turning, Saturday, June 19, 12:30pm

Festool Demo Day, Saturday, June 26, 9:30am

Dust Collection Basics, Saturday, July 10, 9:30am

Go to the Rockler page for more information about these events. Rocklernews.blogspot.com

Woodcraft Class Schedule

Turn for the Troops, Sun, May 30, 10:30 AM - 4 PM
Basic Cabinet Construction, 6 wk session, starts Thu, June 17, 6 PM - 9 PM

Go to the Woodcraft webpage for further details on these classes. www.woodcraft.com

WWG 2010 Programs

Thursday, **June 03**, 2010

Variety Show: lath, plane, scroll sawing & chip carving
Guild members

Thursday, **July 01**, 2010

Show/Tell, Open meeting
Guild members

No meeting in August 2010

Thursday, **September 02**, 2010

Video presentation: Carve Indian canoe
Pole carving of history - Wisconsin and South Milwaukee
Robert Noland of Badger State Carvers

Friday, **October 8**, 2010

Cabinet Making
George Von Driska

WWG 2010 Workshops

Saturday, **July 17**, 2010

Shop Tours of Member Shops

Saturday/Sunday, **October 9-10**, 2010

Cabinet Making
George Von Driska

Other workshops will be added as they are planned,

Library Reviews

Marquetry by Pierre Ramond (call number NK9920.R3613 RA) –

Marquetry, also called intarsia or inlay, is the process of using pieces of wood, shell, metal, etc. to create geometric designs and pictures which are then used to decorate wood surfaces. This book written by one of the world's foremost authorities will teach readers about the history, tools, and techniques of marquetry.

The chapters are Veneer Decoration, History, The Marqueter's Workshop, The Materials, The Instruments, The Drawing, Procedures, Frisage and Jeux De Fond, The Construction of Cutting Tools, and Conclusion.

The book is wonderfully illustrated and has over 150 color pictures. The pictures show outstanding examples of marquetry from the 17th, 18th, and 19th centuries.

This book is for both the novice making a simple flower, and the advanced practitioner of marquetry making an intricate design. Readers will gain a new appreciation of and insight into this art form. Whether you make marquetry, buy marquetry or just appreciate marquetry this is an excellent resource.

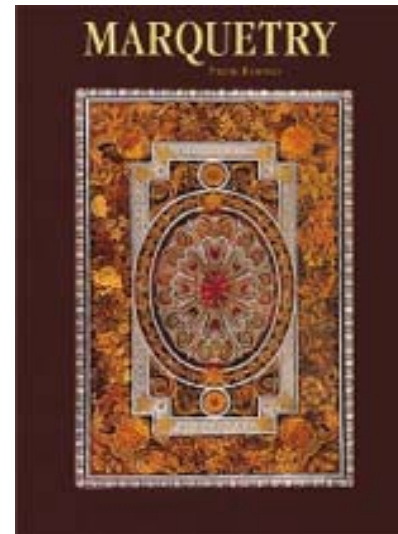
Jan Walker's Introduction to Marquetry by Jan Walker (call number DVD 18) –

Walker takes the beginner step-by-step through the process of making their first marquetry design. This video comes with a PDF pattern of the design created in the video. The instruction shows you: 1. How to choose and handle veneers 2. The basic tools you will need, 3. Knife cutting the entire picture including the traditional "window method", 4. Gluing the completed marquetry onto a solid surface or "substrate" – showing the use of both contact cement and yellow carpenter's glue, 5. Finally, sanding, finishing and framing.

This is an excellent video for anyone who wants to try marquetry. You should first watch the entire video and then gather all of the items needed. Begin the video and follow along creating your picture. Start and stop the video as needed. The final result will be the completion of your first marquetry project.

Submitted by Ed Cessna

Book Review: Book Cover



Member Project Pictures



WISCONSIN WOODWORKERS GUILD

Woodcraft Parking

Woodcraft has requested that Guild members park in the western side of the parking area.

This will leave the area nearest the store for customer parking.

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WWG Monthly Meeting

Thursday, June 3rd, 2010

Meeting Location:

Woodcraft

14115 W. Greenfield Ave

(Greenfield and Sunny Slope)

Topic: Variety Show with
demonstrations of Hand Planing,
Scroll Sawing, Wood Turning,
Chip Carving, Marquetry, and
more!

Presenters: Guild Members



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First Class Mail