



Encouraging all woodworkers in self-expression, craftsmanship and knowledge

Colorado Woodworkers Guild

June 2015

Presidents Message

Welcome to summer. I realize that summer actually begins on the 21st of June but we seem to be in to warmer weather and its close enough. I've been turning a bowl out of Russian Olive, which I got when helping to fell a Russian Olive tree. It is the largest bowl I've attempted and will be a wedding present for friends of my eldest son. Here is its current state



Obviously it has a long way to go. There are fine cracks in the wood which I am reinforcing with thin CA glue. This results in the drips visible in the photo.

By the time you read this the Aurora Kid Spree will have come and gone. Every year our community service members attends this event and helps quite a few kids to build a small birdhouse which looks something like this:



This image was made from a Sketchup model. We have quite a few Sketchup models of toys made by community service members. If you are interested take a look at <http://coloradowoodworkersguild.org/index.php/members-only/plans-reference-material/toys-plans>. You must be logged in to visit this page. The community service committee is headed up by Charlie Kuchenmeister and Jeff Roth. They can always use more help. All the board members of the guild can use your help.

Cary Goltermann - El Presidente



Membership

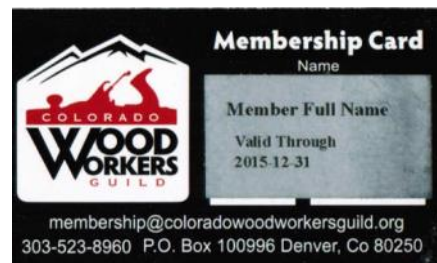
Problems With Your Membership??? Send an email to president@coloradowoodworkersguild.org

At our monthly meetings I am often asked to address membership issues. While I am extremely willing to help any of you solve issues with your membership, at a monthly meeting I am buried trying to keep the meeting running. If you have a problem with your membership please send me an email describing the problem and I will help solve it. I generally address membership issues within a few hours of receiving such an email.

Here are the membership stats at this writing
241 Paid through December 31, 2015

90 Expired on December 31, 2014

If your membership card does not look like the one below, your membership probably expired on December 31, 2014. Renewal is simple, there are instructions on our web home page (<http://www.coloradowoodworkersguild.org>). NOTE: If your membership expired on or before December 31 2014 you can no longer login to our web site. You can still renew without logging in.



If you believe you are renewed for 2015 and do not have a card like this please let me know and I'll take care of it.

Cary Goltermann - Assistant to the Membership Chair

Presentations!!

Below are the currently scheduled presentations. I am trying to get these scheduled as far out as possible. I can always use help! If you have any ideas for presentations please drop me an email at president@coloradowoodworkersguild.org. Or talk to me at a meeting.

NOTE: For the latest info on upcoming presentations got to <http://coloradowoodworkersguild.org>

May Presentation

Ron Diefenbacher of [Diefenbacher Tools](#) gave us a great presentation about the designs, construction details and making a living as a woodworker. Ron has a Master of Arts Degree in Woodworking and Furniture Design from the University of Pennsylvania. He has been a custom furniture maker and teacher of woodworking and furniture design since the early 1980s. He has been the proprietor of Diefenbacher Tools since 1998. Here are some examples of his work. If you missed the meeting and would like to see the video,

[Click here:](#) and login



June Presentation

Garrett Brown of [Garrett Brown Designs](#) will be presenting at the June meeting. Garrett is a former student of Red Rocks School of Fine Woodworking. After 3 semesters he had so much referral work he went to work professionally full time. He was on a furniture design/build competition series called Framework that was on SpikeTV.



July Presentation

Randall Marder will return to give us his presentation on finishing. Randall spent 13 years preserving and restoring elements of the Gamble House in Pasadena. As a result Randall has become an expert in Green and Green, Stickley and other finishes. Here are pictures of some of his restorations. Check out more of Randall's work [here](#)



August Presentation

The August presentation will be from member and former president Travis Brown. Travis will demonstrate the use of attachments for 4 1/2 inch grinders. Exploring the firewood pile, Travis will be demonstrating the safety considerations and uses of various types of attachments available for the 4 1/2 inch grinder to create items of whimsy and possible practicality out of woods not generally considered for common use by many woodworkers. The various attachments will be reviewed and certain ones demonstrated to obtain the desired results, limited only by the user's imagination. There will be a discussion of the finishing options for various pieces depending on their intended use.

Holiday Party December 12, 2015

We are beginning to make plans for the Holiday Party in December. **We could use volunteers to help in planning and execution of this event.**

Cary Goltermann – President
president@coloradowoodworkersguild.org

Show & Tell

The May show and tell had a great turn out with pieces from eight of our members. First off was **Chris Woychak** with a Tinkerbell keepsake box he made for a neighbor as a thank you gift. The project was a success thanks to the watchful eye of Doug Pinney.

Next was **Stan “The Man” Wolpert’s** bandsaw box made from one of the largest assemblies of cocobolo I’ve personally seen. Stan had taken Paul Seipel’s bandsaw box class a couple of years ago and decided since he was hosting a recent bandsaw box class he would participate and make a box as well. After his daughter and granddaughter saw the box there is now a back order of four new boxes for Stan to make.

Doug Pinney brought in a gift that he made for his wife as their anniversary was coming up in the week following the guild meeting. Who would have known the million and one uses of a CNC machine beyond making cabinets.

Next was a pair of heart-shaped boxes made of zebra wood and walnut that **Fred Schmidt** made. Of note was his effort in maintaining the grain pattern so that after final assembly and finish the grain is aligned helping to hide the joint. Fred admitted that these were a gift to his wife for possibly being in trouble.

Jim McNamee brought in a pair of wooden mallets he made using material from the scrap pile. Jim was in need of a mallet or two and thus decided to make some. He used cherry and maple and even inset a gold medallion in the base of the handles. Jim noted that the small one was for the dovetail work.

The last to present was El Presidente **Cary Goltermann** who brought in a restored plane and a striking instrument of his own making. Cary brought in a fully restored wood-bodied Alex Mathieson fore plane that he purchased at a flea market in New York. In addition to the nicely re-store plane was an adjustment hammer he made of



Show & Tell contd.

brass and mahogany. Cary did admit that the piece of brass for the hammer cost more than a factory-made brass hammer. Like many of us the concept of entering woodworking to save money was found to be a bit of misleading advertising. However, unlike a store bought hammer Cary's has a handle made of mahogany and looks a touch nicer than the hammers at the store.

The night ended with the announcement of two winners, **Dennis Fanning** and myself **Kevin Loyd**. Dennis brought in a collection of eight spice and jewelry boxes that he made. Some of the most interesting wood was the aspen from his wood pile. Dennis noted that he was having problems with tear out when he was making cuts with the table saw. A friend suggested that he try using a router table instead, and to Dennis's surprise it worked perfectly without the tear out problem.

Kevin Loyd, me, brought in a Japanese style tool box that was made as for a final project for the Japanese woodworking course that I took at Red Rocks. The notable details to this project were the Japanese joints used for the corners of the box and the fact that after rough dimension with machines the rest of the process was done completely with Japanese hand tools. While the corners look like finger joints they are turned and slanted so that the joint has to be assemble sliding the pieces diagonally into each other.

Thank you to everyone who brought in pieces to the show and tell as it really adds the group when we can see what projects each other is doing. Please bring in your pieces and share with the group as each month something is learned from one of us sharing their learning experience with the rest.

Kevin Loyd Shows & Exhibits



Community Service

On June 6th, the city of Aurora held their annual Kid Spree at the Aurora Municipal building. As in past years, the community service people (headed by Charlie Kuechenmeister and Jeff Roth) prepared several hundred birdhouse kits. On the day of the Kid Spree some number of our members were at the Spree helping kids to build these birdhouses. I was told we gave out /built some 350 birdhouses.

This sort of work is a great way for the guild to give back to the communities we live in. The two big community services done by the guild are the Kid Spree and the making and distribution of Christmas toys.

The guys at the Spree were pretty worn out when I visited them around 2:00 PM. If we are going to continue this sort of activity next year, we need more involvement from our members.

Please consider helping us with one or more guild activity. Without additional help, those who have been doing this for several years are going to burn out.

Cary Goltermann – Occasional writer for the community service committee

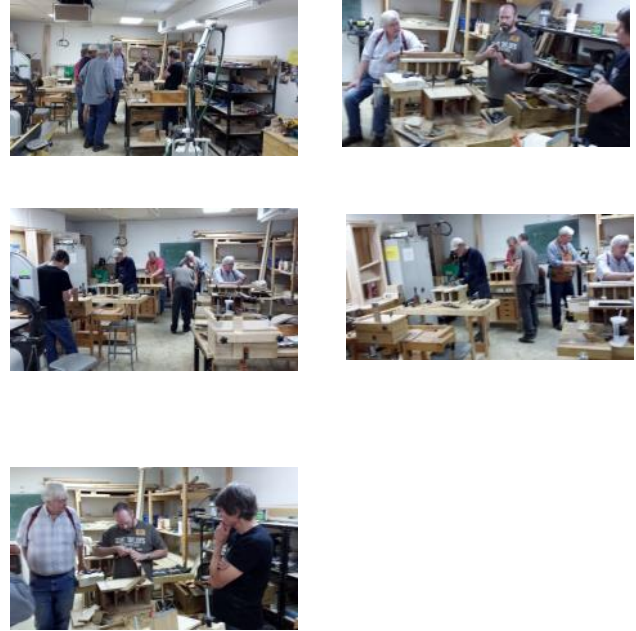


In Class

On May 30th and 31st (Saturday and Sunday) the Guild held a Hand Cut Dovetail class in Rockler's shop, taught by Kevin Loyd. On the first day, Kevin went over the tools to be used, layout of dovetail joints, cut an example and then went over how one might repair small errors in a freshly cut dovetail join. After lunch the students practiced making cuts to lines drawn on the board. On the second day the students made dovetail joints under Kevin's guidance. Everyone enjoyed the class and went from fairly loose dovetail joints to pretty darned good dovetail joints.

This class will be offered again in the future. We limit the class size to 6 so that Kevin can spend time with each student.

Cary Goltermann – President and Some-time Student



CWG's Hand Cut Dovetail Class by Jim McNamee

Dovetail joints can be found in fine hand crafted furniture from Egyptian tombs dating back thousands of years. Dovetailing makes a butt joint strong joint and less likely to pull apart. Even today it is regarded as a hallmark of fine craftsmanship.

The easiest and fastest way to make lots of identical dovetail joints is by using power tools and assorted jigs. Tails and pins made this way are highly repeatable and, with appropriate adjustments, those joints can be made to fit perfectly time and time again. But power tool approaches have their limits. It can be difficult to make small tails in short or narrow pieces. And achieving nonuniformly spaced pins and tails can take expensive jigs and templates. Limitations like these are avoided by using inexpensive hand tools and making dovetails and pins one at a time by hand. Once you're mastered a few essential techniques you will have added a prized skill to your woodworking repertoire.

CWG offered its Hand Cut Dovetail Class at the end of May. Kevin Loyd, the Guild's Shows and Exhibits director, has offered this 2-day course several times before. This time the class met in Rockler Woodworking's basement workshop.

Class began with a comparison of a variety of hand back saws and a demonstration of their strengths and weaknesses for making rip cuts in small pieces of wood. Factors such as plate thickness, tooth set, rake angle and points-per-inch affect kerf width, smoothness, how straight a saw cuts, how easily a cut starts and how fast the saw moves through wood. Using a sharp, well-tuned saw greatly reduces the amount of joint clean up that needs to be done next.

Next, Kevin showed us how to use a fret saw to remove most of the waste left between adjacent tails. While some dovetail practitioners use a chisel for this job, a fret saw greatly speeds up this step.

Kevin then demonstrated how to use bench chisels and a marking knife to "tune up" where tails and pins meet achieving a tight, clean fit. Once again, this step is made easier and more precise by making sure chisels and marking knives have very sharp edges.

Day One ended with everyone tracing many outlines of tails on short lengths of 1/2" alder boards and cutting close to those lines. Kevin helped each of us diagnose and fix any issues with our saws.

Day Two was devoted to actually cutting and fitting dovetail joints. Kevin gave one-on-one advice on the best ways to pare waste from ill-fitting joints. As with all things woodworking, practice makes perfect.

Was it time and money well spent? You bet! I'll be using hand cut dovetails in future projects.

Sponsor's Corner

Sponsor Profile: Signature Medallions

One of our newest sponsors is **Signature Medallions** from San Diego. Signature Medallions has existed for one year and is owned and operated by Gary Anderson. Originally from the Duluth area, with a degree from the University of Minnesota and some time in the Air Force, Gary joined the Southland Corporation and moved to San Diego. Now retired, along the way he joined the San Diego Fine Woodworkers Association (SDFWA), and started a company that provides pins, patches, and other “brand” items to organizations.

Gary explained that one day, a little over one year ago, a member of the SDFWA asked if he could make a pin with the member's name. Of course Gary said yes, but the member had an additional request—could Gary leave off the pin on the back. Then the member explained that he intended to use this new item to “sign” one of his wood working pieces—thus Signature Medallions was born.

Signature Medallions are generally stamped from steel and then plated in a variety of finishes (silver, copper, gold—including variations of those). Though most are round for ease of installation (they drop into a shallow hole cut by a forstner bit), they can be made in any shape for the more ambitious inlayer.

Besides his pins and patches and medallion businesses, Gary is a wood worker (golf putters, gifts, etc.) and a board member of SDFWA. Some of his board activities include supporting the annual Design in Wood (see www.sdfwa.org for more information) event and working on creating a SDFWA shop that would be available for its members.

The Colorado Woodworkers Guild appreciates and welcomes Signature Medallions to our group of sponsors. Signature Medallions offers the custom designed medallions (100 medallion minimum order) to Guild members at a 10% discount. See www.signaturemedallions.com for more information.

Frank Paxton Wood of the Month

The Frank Paxton Lumber Company is offering **American Beech** as the Wood of the Month for June. The wood comes four quarter (4Q), surfaced on three sides (S3S) in random widths and lengths. As usual, call 303-399-6047 for pricing.



About Wood

This month we consider the wood **American Beech**. The genus beech consists of three species of deciduous trees from the family Fagus native to eastern North America, eastern Asia (especially Japan), and Europe (especially in the Pyrenees). The most common species that we are likely to see are **Fagus Grandifolia (American Beech)** and **Fagus Sylvatica (European Beech)**. American Beech, the focus here, represents 0.4 percent of the U. S. hardwoods commercial market.

Recall that in previous columns, we have defined the Modulus of Rupture (MOR), the Modulus of Elasticity (MOE), Crush Strength, and Janka Hardness. We will continue to use those terms. Most of the other terms are generally well understood and will not be defined further. If you have questions about other terms or questions about a specific wood, contact wood@coloradowoodworkersguild.org.



American Beech

Fagus Grandifolia (common name **beech** or **American beech**) is the main species available in North America and is harvested from the eastern United States and Canada.

Here is a summary of the characteristics of **American Beech**:

Distribution: Broadly across eastern North America from New England to Florida

and west to the plains; Canada from New Brunswick to Quebec

Tree size: 100-130 ft. (30-40 m) tall; 3-5 ft. (1-1.5 m) trunk diameter

Average Dried Weight: 45 lbs/ft³ (720 kg/m³)

Specific Gravity: (Basic, 12% MC): .54, .72

Modulus of Rupture (MOR): 14,900 lbf/in² (102.8 MPa)

Modulus of Elasticity (MOE): 1,720,000 lbf/in² (11.86 GPa)

Crush Strength: 7,410 lbf/in² (51.1 MPa)

Janka Hardness: 1,300 lbf (5,780 N)

Shrinkage: Radial, 5.5%; Tangential, 11.9%; Volumetric, 17.2%; T/R Ratio, 2.2

Heartwood Appearance: medium brown to reddish

Sapwood Appearance: thin and nearly white

Grain/Texture: straight and mostly closed; quarter sawn shows attractive rays

Stability: low

Relative strength: fairly low, 14.18.9

Decay Resistance: Poor and subject to insect attack

Workability: easy to work with; glues, stains, and finishes well

Odor: no characteristic odor

Toxicity: a sensitizer

Potency: Moderate

Toxicity Source: leaves, bark, dust

Reaction: dermatitis and coughing effects

Sustainability: not listed as threatened, however limited availability

Uses: a wide variety of uses including boxes and crates, cooperage, veneer, flooring, furniture, musical instruments, pallets, paper products, etc.

Typical Cost: \$4-9/bd ft

If you have questions about a specific wood, don't hesitate to send a note to wood@coloradowoodworkersguild.org.

Photos from June Presentation



Bits & Pieces



Who is this
Blockhead ??

2015 Guild Officers

Cary Goltermann – President

president@coloradowoodworkersguild.org

Bob Kleinfeldt – Vice President

vice-president@coloradowoodworkersguild.org

Mark Childs – Secretary

secretary@coloradowoodworkersguild.org

Laura Peterson – Treasurer

treasurer@coloradowoodworkersguild.org

Guild Committee Chairs

Vacant – Programs

programs@coloradowoodworkersguild.org

Kevin Loyd – Shows and Exhibits

shows@coloradowoodworkersguild.org

Dennis Machlica - Membership

membership@coloradowoodworkersguild.org

Charles Kuechenmeister & Jeff Roth – Community Service

community-service@coloradowoodworkersguild.org

Roger Abraham – Library

library@coloradowoodworkersguild.org

Lindy Baer – Publicity and Public Relations

publicity-pr@coloradowoodworkersguild.org

Al Limiero – Newsletter Editor

newsletter@coloradowoodworkersguild.org

Wilbur Goltermann – Webmaster

webmaster@coloradowoodworkersguild.org

Vacant - Merchandise:

CWG Sponsors

The Colorado Woodworkers Guild is fortunate to have several companies as Sponsors. The Sponsors help the Guild with programs, materials, supplies, facilities, display space, financial, and other means. In many cases, Guild members are able to obtain discounts from our Sponsors (except for power tools and sale items). Please note: the Guild discounts only apply to in person purchases in the store (except where noted), and are not available at any sponsor's online store. You must show a current membership card to obtain the discount

Sponsor List

A Cut Above 16512 Armintha Street Van Nuys, CA 91406

Phone: 800-444-2999 Website: www.acutabove.com

Austin Hardwoods of Denver, Inc. 975 W. Mississippi Denver, CO 80223

Phone: 303-733-1292 Website: www.austinhardwoods.com

B & B Rare Woods 871 Brickyard Circle, Unit C4 Golden, CO 80403

Phone: 303-986-2585 Website: www.wood-veneers.com

Charlie's 2nd Hand Store, Inc. 2227 Larimer Street Denver, CO 80205

Phone: 303-295-1781 Website: www.usedtoolsplus.com

Collector's Specialty Woods

Collector's Specialty Woods 4355 Monaco Street, Unit A Denver, CO 80216 (this is their Denver show-room and warehouse)

Collector's Specialty Woods 8055 County Road 570 Gardner, CO 81040 (this is their southern Colorado wood yard, kiln drying facility, woodshop, and another show-room) Phone: 800-746-2413

Denver Woodworking Company 2062 S. Bannock Street Denver, CO 80223

Phone: 303-733-3130 Website: www.denverwoodworking.com

EZ Dado 5220 E. 130th Circle Thornton, CO 80241

Phone: 303-902-8134 Website: www.ezdado.com

Frank Paxton Lumber Company 4837 Jackson Street Denver, CO 80216

Phone: 303-399-6047 Website: www.paxtonwood.com/denver.aspx

Mountain View Window and Door 815 S. Jason Street Denver, CO 80223

Phone: 303-649-2217 Website: www.mtnview.us

Reclaimed Boxcar Flooring

Phone: 303-913-6373 Website: www.reclaimedboxcarflooring.com

Rockler Woodworking and Hardware 2553 S. Colorado Blvd Denver, CO 80222

Phone: 303-782-0588 Website: www.rockler.com/retail/denver-colorado-hardware-store.cfm

Signature Medallions 4218 Ponce De Leon Drive La Mesa, CA 91941

Phone: 619-303-2876 Website: www.signaturemedallions.com

TC Woods 5406 County Road 23 Ft. Lupton, CO 80621

Phone: 3-666-8989 Website: www.tcwoods.com

Tool Zone, Inc. 8651 Grant Street, Unit 1A Thornton, CO 80229

Phone: 303-252-8500 Website: www.toolzone.com

Woodcraft of Denver 6770 S. Peoria Street Centennial, CO 80112

Phone: 303-290-0007 Website: <http://www.woodcraft.com/stores/store.aspx?id=305>

Login Information

Full Name

Email Address

Username

Badge Name

Contact Information

Street Address

State

Phone Number

City

Zip Code

Website

Guild Participation Profile

- | | | | | |
|-----------------------|---|---|---|--|
| Woodworking Interests | <input type="checkbox"/> Cabinet making | <input type="checkbox"/> Home remodeling | <input type="checkbox"/> Hand tools | <input type="checkbox"/> Tools, jigs, shop |
| | <input type="checkbox"/> Furniture | <input type="checkbox"/> Small projects | <input type="checkbox"/> Turning | <input type="checkbox"/> Veneering, Inlay |
| | <input type="checkbox"/> Wood Bending | <input type="checkbox"/> Other | | |
| Willingness to Mentor | <input type="checkbox"/> Cabinet making | <input type="checkbox"/> Home remodeling | <input type="checkbox"/> Hand tools | <input type="checkbox"/> Tools, jigs, shop |
| | <input type="checkbox"/> Furniture | <input type="checkbox"/> Small projects | <input type="checkbox"/> Turning | <input type="checkbox"/> Veneering, Inlay |
| | <input type="checkbox"/> Wood Bending | <input type="checkbox"/> Other | | |
| Willingness to Serve | <input type="checkbox"/> No Interest | <input type="checkbox"/> Maybe Later | <input type="checkbox"/> Elected office | <input type="checkbox"/> Community service |
| | <input type="checkbox"/> Membership | <input type="checkbox"/> Public relations | <input type="checkbox"/> Meeting programs | <input type="checkbox"/> Class committee |
| | <input type="checkbox"/> Library | <input type="checkbox"/> Newsletter | <input type="checkbox"/> Shows & exhibits | <input type="checkbox"/> Website |
| | <input type="checkbox"/> Audio/Video | <input type="checkbox"/> Other | | |

Shared Information

Do you wish to share your portrait and woodworking biography:

☐ Yes ☐ No

Woodworking Biography:

Please return this form at any Guild meeting or via mail to:
Colorado Woodworkers Guild P.O. Box 100996, Denver, Colorado 80250
ColoradoWoodworkersGuild.org