



Encouraging all woodworkers in self-expression, craftsmanship and knowledge

Colorado Woodworkers Guild

October 2016

President's Message

How did it get to be October? I only have two things I'd like to talk about: the upcoming auction and the upcoming Gallery at Rockler's.



Auction

On October 18th, in place of our regular membership meeting, we will have an auction. We already have a number of items that have been donated for this and are getting more. A catalog of auction items can be viewed at <http://coloradowoodworkersguild.org/index.php/memberscorner/2016-10-18-auction-items>.

At this writing, we have 101 items listed. By the time you read this, the catalog will be updated. I am currently arranging to pick up a Delta 6-inch jointer and a DeWalt Planer.

If you have any items to donate to the auction, please let me know or just bring them to the September meeting.

Regarding the Auction, I need six to eight people to help. If you could show up around 4:30-5:00 on the day of the auction to help setup and help run the auction it would be much appreciated.

Also, on the day of the auction, you might want to show up early so you can peruse the auction items. I hope to have all the auction lots out by 5:30PM.

Gallery

For the past several years, Rockler has held an exhibition of the work of the various guilds which meet in its' basement. This year it is being held on October 22-23 and October 29-30. We could use your help in a couple of ways.

Could you loan us a sample of your work which would be put on display in Rockler's basement?

Are you interested in doing a demo? Last year we did demos in Rockler's basement. Unfortunately, very few ventured into the basement. This year, I'm trying to arrange some space upstairs for demos. I'll be out of town for the weekend of the 29-30 so I'm arranging demos only for October 22-23.

Thanks in advance for your help with the auction, gallery, or both.

Upcoming Meetings, Classes, and Events

October 18, 2016 - Guild Auction. We didn't have an auction in 2015 and unfortunately ended up spending more than we took in. So, we are planning an auction for 2016. Got something to donate? We have room to store it. Drop an email to president@coloradowoodworkersguild.org.

October 22-23 and 29-30 - Rockler Guild Exhibition. This has been an annual event for the past couple of years. We will have a presence there on the 22nd and 23rd. Perhaps you can help. I'm looking for various mini demos for this event.

November 15, 2016 – Unfortunately the November Presentation has hit a snag.

December 10, 2016 - Guild Holiday Party! We are holding the party at a different location this year. The cost of the previous location has essentially doubled. Our secretary, Gary Glatthar has arranged for us to use the hall at his church for NO cost! The party will be held at Cloverdale Church of God 5705 West Louisiana Ave Lakewood, CO 80226 More information will be posted as we approach the event!

January 17, 2017 - Dan Rieple of Fine Ideas Furniture will give us a presentation. The topic of the presentation has not yet been decided. [Click here](#) to go to Dan's web site and see some of his work.

February 21, 2017 - This presentation is being planned.

To view this information any time go to <http://coloradowoodworkersguild.org> and scroll to the bottom of the page.

Cary Goltermann – 2016 President

Community Service

HOLIDAY TOYMAKEERS

If you are making or want to make toys for the Guild's Holiday Toy Project, please let the co-chairs know the type and quantity of toys you will be able to contribute to the project. We need the toys to be finished and turned in toward the end of November. FYI, we have plenty of wheels if you need them for cars, trucks, or any other wheeled vehicles. Just contact either of us if you want some.

Thanks to all.

Jeff Roth
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303 830 2555

September Presentation

Planes by Hand

A hand plane is a simple tool that woodworkers have used to shape wood for thousands of years. Modern hand planes are made entirely of metal, but before the 19th century, plane bodies were fashioned from wood.

Kevin Loyd and **Dennis McCaigue** teamed up to explain how they make their own wooden plane bodies. Why make a wooden plane body when so many metal bodies are available for purchase? Wood hand planes are relatively simple to make, they're inexpensive, they can be customized to meet particular woodworking needs, and you can shape the plane's body to fit your hands perfectly.

Dennis discussed building a European horn plane. Horn planes take their name from a prominent knob, sometimes fashioned from an actual animal horn, fastened to the toe of the plane. The horn helps propel the plane through each cutting stroke. Kevin prefers to use Krenov-style planes. The Krenov plane lacks a front horn or knob. Neither of these styles has a tote handle at the heel.

Choosing the right wood for the plane is the first step. Kevin explained that hardwoods make the best plane bodies. A dense, strong, closed-grained species provides durability and smoothness. Beech was the preferred wood among European woodworkers while white oak was the material of choice for Asian artisans. The plane's sole encounters the greatest wear. To prolong its life, an extra layer of exotic hardwood was sometimes fastened to the sole. Dennis adds a layer of ebony to his planes' soles. That also makes his planes stand out from others. As a further refinement, Kevin suggests orienting the sole's grain toward the plane's heel. This helps the plane to glide more easily and leave a smoother surface.

Although angles and dimensions aren't critical, it is important that the plane iron properly fit into the plane body and be held tightly in place. Therefore, it helps to have the iron and chip breaker in hand when beginning construction so the size of the plane's bed and mouth can be made to fit them accurately.

Kevin crafted his first plane from a solid wood block. He went to considerable effort to remove material by hand with chisels to shape the bed and mouth. Building subsequent planes, Kevin uses power tools and a layered approach to body construction. He cuts front and rear blocks from the same length of stock and glues them between two cheeks (side pieces). Dennis also takes the sandwich approach. He's gone so far as to build jigs that aid in glue up.

Need more pointers before building a hand plane? Here's an excellent step-by-step article that guides you through making your first wood body plane:

Welter, D. "Wooden Planes", *Fine Woodworking*, Vol. 126, pgs. 67-73, 1997.

Jim McNamee



Note: This article was not available for the September newsletter

August Show and Tell

First off was **Bill Knoll** showing some small rings inspired by his granddaughter. Bill used colored pencils and a lot of CA glue to make turning blanks that he then turned into rings. He did the same with the unused InLace filler from another project to make another ring.

El Capitan **Cary Goltermann** brought in a timber framing chisel that was missing its handle when he started. Cary made the long handle out of cherry such that it fit snugly into the socket. However, since Cary had dreams of driving this home, he put a ferrule made from heavy copper pipe on the back end of the handle. Few things are more frustrating in the shop than a broken handle at an inopportune time, hence the ferrule.

Jesse Anthony brought in a glorious hobbit door he made to order for his grandson's play house. The grandson was very specific in that it needed a circular window and a letter slot. Fortunately, Jesse also had ample material since a neighbor was tearing out an old redwood deck, which I can attest makes great stuff.

Doug Pinney brought in some samples of walnut baseboard trim that he had been tasked with "giving texture." Doug set his trusty old CNC to various overlapping wave patterns and, bang, he had block printing pieces for water pictures.

Mitch Hoffman brought something from his non-woodworking obsession: fly tying. Being an avid fly fisherman, he has also fallen into fly tying. Mitch decided that he needed to use as many wood species as possible to give it some flare, so at least eight species were present.

The winner of the night was **Arnie Silverman's** dressing glass that he made for his older granddaughter. Made from walnut and hard maple, the piece is a reproduction of a traditional design that he, as usual, executed with exceptional attention to detail.

Thank you Arnie and thank you to everyone who brought in the recent works. The Show and Tell is open to everyone and allows us to see the great diversity of interest and projects possible in the broad field of woodworking. Please remember to bring your items to share with the Guild.



September Show and Tell

As is often the case, we had great participation in the September show and tell, with a wide variety of skills and methods of working wood displayed.

El Presidente **Cary Goltermann** started the show and tell with a description of the restoration of an old wood body fore plane, also referred to as a jack plane. Apparently, a prior owner considered storing the plane in a barn with lots of water to be a good idea, which gave Cary ample opportunity to bring the plane back to life. At first it was thought that the plane was only good enough as a source of fire wood, but Cary decided to give it a chance and was rewarded with a nice working tool. He found the prior replacement handle was ill-suited and so used an old Stanley rosewood handle. The new handle, while not a match to the OEM part, does make for a very usable plane. Cary also brought in a brass plane adjusting hammer that he made.

Next up was the Bandsaw Box King himself, **Paul Seipel**, with another box he made with a bandsaw. Paul noted that the wood, while being from a tree, was also from a tree that was located near Mt. Saint Helens. The question did come up as to what Paul does when he is not making bandsaw boxes. Paul replied that he makes coffee tables and side tables, though I don't know if these are actually just really big bandsaw boxes. How many drawers could one fit into a bandsaw box coffee table?

Doug Pinney brought in a pair of projects fresh off the bench. Doug made these shallow dishes with the carved horses for the "Empty Bowls" charity fund raiser. He also divulged that there was no sanding of these pieces after they were carved, and the smaller was cut with a 1/32-inch ball-nose bit. Honestly, I don't have the mallet control to use a ball nose bit to carve anything so fine, but practice makes perfect.

Bill Knoll brought in a candle holder that he made from an aspen log that he split. Bill noted that creating this piece included no less than the use of five hand planes. He started out with a Stanley scrub plane followed by #605 and #604 bench planes. When he found that the wood was suffering from a bad case of tear-out, he used a wood-body toothing plane to clear away the tear out, and then completed the ends with a low-angle block plane. The end result ... a gorgeous candle holder.



September Show and Tell contd.

Dale Bowlin brought in a couple of items to share. First was a large Colorado flag that he made for his grandson out of beetle-kill pine. They used a wood-burning pen to draw the boundaries, which also helped to keep the stain from bleeding into the different areas.

Dale's other item was his version of a Moxon bench vise. He used pecan and shedua and found the pecan was the harder of the two species. Liberal use of such woods led to the vise coming in at a whopping 32 pounds.

Don Prorak brought in a trio of turnings. Don jokingly referred to the bowl with all the holes in it as a soup bowl. The unique diagonal cube box was a good challenge, but he admitted that the smaller diagonal cube box that he made for the handle on the lid was the most difficult part of the process.

The **winner** of the night was **Mike Farrington**, with a pair of boxes. Mike has been studying the Japanese art of "kumiko," which is the symmetrical geometric patterns of the lattice-work in the tops. Mike found the process required a couple of things: really sharp tools and patience. He found that once these two things were applied, the iterative process of making all the small pieces had a meditative quality that was perfect for end-of-day stress relief/work therapy.

Thank you to everyone who brought in a piece of their work to share. To everyone else, please don't hesitate to bring your items in the future.



About Wood

This month, September 2016, we consider Pear. **Pear (*pyres communis*)**, is a small to medium tree from the family Rosaceae, the rose family (same family as the apple in last month's article). *Pyrus communis*, native to central and eastern Europe, it is widely distributed throughout Europe, parts of Asia, Oceania, and North America. There are about 30 species and many cultivars or varieties. Other names include Common Pear, Peartree, and Pearwood.

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.
Common Pear



Here is a summary of the characteristics of the Common Pear:

Distribution: Worldwide in temperate zones

Tree size: 20-40 ft (6-10 m) tall; 1-2 ft. (30-60 cm) trunk diameter; trees in the wild may be larger

Average Dried Weight: 43 lbs/ft³ (690 kg/m³)

Specific Gravity: (Basic, 12% MC): .52, .69

Modulus of Rupture (MOR): 12,080 lbf/in² (83.3 MPa)

Modulus of Elasticity (MOE): 1,131,000 lbf/in² (7.80 GPa)

Crush Strength: 6,400 lbf/in² (44.1 MPa)

Janka Hardness: 1,660 lbf (7,380 N)

Shrinkage: Radial, 3.9%; Tangential, 11.3%; Volumetric, 13.8%; T/R Ratio, 2.9

Heartwood Appearance: pale pink or light red-dish brown

Sapwood Appearance: slightly paler than heartwood, but often not distinct

Grain/Texture: Grain is straight with a very fine, uniform texture

Stability: Dimensionally stable; retains shape well after seasoning; dries slowly with air drying and will distort; kiln dries well

Relative strength: Excellent; comparable to oak

Decay Resistance: No resistance to decay

Workability: Responds very well to ordinary tools; turns, glues, and finishes well; planes well to mild silky sheen

Odor: No characteristic odor or taste

Toxicity: None

Potency: Very low

Toxicity Source: Dust, as for any wood

Reaction: None

Sustainability: Not threatened

Uses: Veneer, tool handles, carving, millwork, turned items, musical instruments, marquetry, inlay; often stained black as substitute for ebony

Typical Cost: Not widely available except in pear growing regions; expensive and lumber usually only available in small sizes

Comments: Used in Europe much as Black Cherry is in the United States; most superior pear wood comes from Germany and France

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

Membership

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

Do you have issues with your CWG account at <http://coloradowoodworkersguild.org> such as:

- Unable to remember your username?
- Can't remember your password?
- Want to change your username, password, address, woodworking interests or other item associated with your memberships?

These issues can now be handled online! I am still happy to help as needed.

Go to <http://coloradowoodworkersguild.org/index.php/public-corner/faqs>. There you'll find instructions for all these issues and more. You do not need to log in to view this information. Take a look!

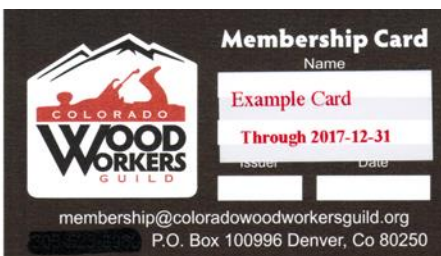
As of this writing (September 3, 2016), here is the membership status:

256 Members paid through the end of 2016

The 2016 member cards look like this (member name/expiration in black text on a yellow background). If your member card does not look like this, it is expired.



Starting in November, new/renewals will begin for 2017. The 2017 membership card will look like this. Your 2016 card will still be good through the end of the year.



Cary Goltermann - Assistant to the Membership Chair

Sponsor's Corner

Charlie's 2nd Hand Store

This month we profile Charlie's 2nd Hand Store (see www.usedtoolsplus.com), a business that sells used tools. Charlie Rosenblatt, an immigrant cobbler from Romania, founded Charlie's in Pueblo, Colorado in 1928. In 1946, the business moved to its present Larimer Street location and is now operated by Steve, a third-generation Rosenblatt.

Steve explains that Charlie's offers used tools to craftsman in many trades, including, but not limited to automotive, electrical, plumbing, woodworking, stone/tile, and lawn/gardening. His customers are an eclectic group spanning many disciplines who frequently find real bargains at Charlie's. A significant portion of Charlie's customers include woodworkers, who frequently find some of the larger woodworking power tools they're seeking in inventory, in addition to hand tools. If Charlie's does not have what you are seeking on a first visit, keep checking because they are constantly acquiring new items.

With four employees, Steve strives to obtain and carry only the highest quality tools obtainable. The biggest challenge for the business is keeping up with the demand for quality tools. Steve and his staff are constantly looking for new purchase opportunities. They will frequently receive calls from businesses that are closing and wish to sell tools or estates that include no-longer-needed tools from workshops. In fact, Steve offers a service to assist estates to inventory and price such tools. Service fees may be waived if Charlie's buys the tool inventory.

Charlie's website gives them broad visibility around Colorado and beyond. He maintains an eBay ID, which along with the website, has created opportunities for sending tools to locations around the world since 2007. Charlie's 2nd Hand Store has been supporting the Colorado Woodworkers Guild for several years. They offer discounts to our members and have generously donated to our auctions. We thank them for their continuing support.

Guild Liaison for Charlie's 2nd Hand Store is Lindy Baer.

LiasonChairSecondHand@coloradowoodworkersguild.org

Store Website: www.usedtoolsplus.com

Lindy Baer Liason Chair

Frank Paxton Lumber Wood of the Month

The featured Wood of the Month for October 2016 from Frank Paxton Lumber is four quarter (4Q), S3S Walnut in random widths in 6 ft. to 8ft. lengths.

As always, call 303-399-6047 for pricing.

2016 Guild Officers



Cary Goltermann – President
president@coloradowoodworkersguild.org

Jim McNamee—Vice President
vice-president@coloradowoodworkersguild.org



Laura Peterson – Treasurer
treasurer@coloradowoodworkersguild.org

Gary Glatthar – Secretary
secretary@coloradowoodworkersguild.org

Bob Kleinfeldt – Board Member at Large
email address pending



Guild Committee Chairs

Audio – Video – Committee
video@coloradowoodworkersguild.org

Classes - **Vacant**
classes@coloradowoodworkersguild.org

Community Service - Charles Kuechenmeister & Jeff Roth
community-service@coloradowoodworkersguild.org



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Programs - **Vacant**
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Shows and Exhibits – Kevin Loyd
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Librarian - Chuck Hix
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Refreshments – Dick Daily
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Membership – Dennis Machlica
membership@coloradowoodworkersguild.org

Classified Ads – Michael Cunningham
classifiedads@coloradowoodworkersguild.org



Webmaster – Wilbur Goltermann
webmaster@coloradowoodworkersguild.org

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

A Cut Above 16512 Arminta 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

Mile High Tree Care, Inc. 6010 W. 56th Avenue, Arvada, CO 80002 Phone: 303-292-9393 Website: www.milehightreecare.com

Mountain View Window and Door 815 S. Jason Street Denver, CO 80223 Phone: 303-649-2217 Website: www.mtnview.us

Frank Paxton Lumber Company 4837 Jackson Street Denver, CO 80216 Phone: 303-399-6047 Website: www.paxtonwood.com/denver.aspx

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.signaturesmedallions.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>

12/09/2015

Login Information

Full Name

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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 |
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| | <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
(303)523-8960