

COLORADO Woodworkers NEWSLETTER

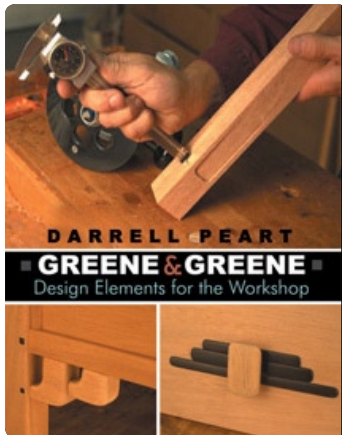
Encouraging all woodworkers in
self-expression, craftsmanship and knowledge

June 2009

Greene and Greene Master Class

Darrell Peart will be conducting a master class in Greene and Greene arts and crafts style furniture at Rocklers on the 13th of June.

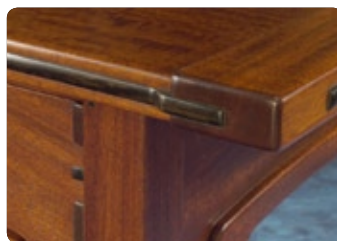
His book, "Greene and Greene Design Elements for the Workshop" is perhaps the best book on the subject of creating a piece of furniture in this style.



The Colorado Woodworkers Guild has arranged to bring Darrell in to do this class and the guild is absorbing most of the costs in hopes that these master classes will promote higher levels of skills within our woodworking community. It is a particularly good opportunity to obtain this high quality of instruction at a very modest price; which

is many many times lower than you would normally pay for this level of instruction.

In his book Darrell documents the design of Greene and Greene furniture and the construction methods that were developed by the Hall brothers who made the furniture. He goes into some detail on the designs, methods of construction, and artistic elements used in the process.



His class will have a short lecture and then he will demonstrate the actual methods he uses to create some of the various pieces of furniture for which he is famous. (Continued next column)

CWG Calendar

June 13th 9:00A.M. - 4:30P.M. Saturday:
Rockler, 2553 S. Colorado Blvd
Darrell Peart - Greene & Greene

June 16th - No meeting - see June 13th
July 21st 7:00P.M. Rockler, 2553 S. Colorado Blvd
Pat Morrow - Creative Design,
Mini demo -Wally Orbach of Vexor Tools.

In addition to our monthly meetings, watch for these:

Aug - Guild Picnic (date, time and place TBD)
Sept 11-13 - Guild Craftsman Show @ Rocklers
Nov 20-22 - Woodworking Show @ Merchandise Mart

Visit our web site for latest updates on meetings and locations:
www.coloradowoodworkersguild.org

Greene and Green (continued)



He has shipped a large box of jigs and templates that he uses in the process to Denver for this class. This will give the participants a lot of insights into the methods and techniques that go into the construction of a Greene and Greene piece.

This class begins at 9:00 in the morning and will run to 4:30 with an hour and a half break at lunch time. The seating is limited, so please arrive early. The guild will provide you a cup of coffee at the class to get you warmed up for the event.

Mark this one on your calendar and do not miss it. An opportunity that does come about often.

You can buy tickets on-line at WWW.ColoWood.com or call 303-523-8960

Bob



From The President

Greetings all!

First off I would like to thank everyone for being so considerate during the last meeting. We were unable to find the microphone we normally use so Richard Heckman was trying to cover the crowd by his voice alone. Everyone did a great job of whispering when they wanted to comment to a friend about the pieces that were passed around. I am very proud of all of you!

I started a new job the last week of May with a lot of hours so my time is now much more limited than it was. So if you are trying to contact me or need to reach me, please be patient. I will get back to you as soon as I can.

We are undecided as to whether to have the annual Colorado Woodworkers Guild Picnic this year. Attendance has been dwindling and in order to make it worth the effort we need to know that enough people are interested in coming to put it all together. We would have it in August and would look for some where centrally located. Last year it was at my home in Lakewood which may have been a bit far for some to travel. We are open to ANY suggestions you have, keeping in mind that if we don't hear anything from anyone then we will probably not do it at all.

I hope you are all as excited as I am about the Darrell Peart master class on June 13! We'll have lots to talk about after that.

Frederick

Opportunity for Artists!

Great Western Furniture Manufacturing is changing their showroom into a Gallery a little at a time and is VERY interested in having artists who make cool things out of Wood involved. They are looking for nearly anything "artsy" or abstract, which can include jewelry boxes, lingerie chests, hope chests, sculpture, clocks (yes this means YOU Joe), intarsia, marquetry, whatever. If you made a mission style end table it probably won't qualify but you can try anyway. Their plan is to have 2 parties a month to showcase the art and furniture. I am not sure when this will start but their mailing list is upwards of 10,000 people, many of which are interior designers. If interested contact me and I will put you in touch with Mike who is in charge of the Gallery and you can work out the details. By the way, I work in the building there so I can watch things but we don't get much in the way of daily traffic.

Frederick

Antique Tool Auction Report

On May 22 and 23 I had the privilege of attending the most awesome auction I have ever seen. Stephen Scruggs a local tool collector sold almost all of his very large collection. The collection ranged from some very rare and valuable items to "Why did I ever buy that?" Items. Friday evening I arrived to a room filled with about 30 tables covered with tools and boxes of tools and books. I walked around the various tables and before I had viewed a third of what was available my brain went into overload.

For the next 4 hours 250 cataloged items and another 200 -250 non-cataloged items went up for sale. There were hand planes of all descriptions, marking gauges, plumb bobs, adzes, axes, hand saws, draw knives, folding rulers, hand drills, braces, hammers, levels, chisels, a couple of twibills, a besaigue, and a knork Are you tired yet?!!

Day 2 was more of the same. Through 10 hours, many more of the same type of items came up for sale.

The items that brought the highest price were 2 planes made by a slave around 1750. The bid price was \$6500. Another plane made in Colorado, one of 4 known to exist, brought \$3500. There was a table with unusual items set up to test your knowledge. I have the catalogs if anyone wants to see them.

I didn't count but there appeared to be about 75 - 100 buyers. The big buyers were from out of state and were resellers, one has an antique tool website and another was planning to sell on Ebay. I asked one woman who was buying a large amount of items, if she was a reseller. She told me that she was just adding to a collection she and her husband have. I was able to buy a few insignificant items. I was disappointed I could not bid enough to buy some of the better hand planes. My greatest pleasure was the opportunity to see some rare tools I had only read about in books or magazines.

This tool sale was a collectors heaven and hell, a once in a lifetime collection of tools in one place to see and touch and none of them are mine!

Al Limiero

May mini-demo

Wally Orbach of Vexor Custom Woodworking Tools was scheduled to give a mini-demo in May. Unfortunately, he was unable to make it due to illness. We have invited Wally back to give his presentation in July.

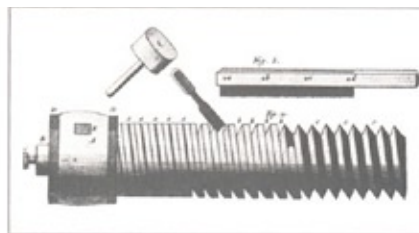
Wood Threads - May Presentation

Dick Heckman needed a vise for his workshop, but didn't like the price! So, as he is prone to do, he investigated making his own by crafting screws with wood threads.

As he told us when presenting some of his adventure with wood threads in our May 19 meeting, his investigations probably cost much more in time, effort and \$\$\$ than if he had simply bought the vise hardware. But, he has found much satisfaction and intellectual exercise in the search.

First, understand that Dick is a physicist. He earned his undergraduate degree at Antioch University in Ohio and then went on to Duke for advanced degrees. Then he pursued a long career in Material Science with the Sandia Corporation in Albuquerque, New Mexico.

Dick began his exploration of wood threads for a vise screw in his workshop in Albuquerque. Dick told us that he found that wood threads have been around for a very long time and that such threads were at first, cut by hand. Dick recommended one of Roy Underhill's Woodwright books as a reference for crafting wooden threads.



About 2,000 years ago, Heron described how large wooden screws were cut. In Greece, the screw saw-and-chisel technique was demonstrated by Louis E. Beysse (pseudonym for L.E. Sallier) in his detail from his Manuel du Tourneur (Paris, 1702).

Figure 1 (from The Workbench Book by Scott Landis)

In his early research, he learned that a 30 degree angle was needed for the threads and, conveniently, his table saw blade could be set to a 30 degree angle. So, Dick cut his first threads, in a large format (1 1/2 to 3 inches diameter) on the table saw. Figure 2 shows a segment of one of his larger screws. Not only was he trying to achieve a 30 degree angle in the thread gullet, he was also interested in a pitch that would give about 6 threads per inch (tpi) for the smaller diameters and around 4 tpi for the larger diameters.



Figure 2: Large Thread

Next he needed to construct the wood nuts for his vise screws. (Continued next column)

(Wood Threads - Continued) As he said, the nuts present perhaps the greatest set of problems. As illustrated in Figures 3 and 4, he made nuts in several parts and used spline and miter joinery in the assembly.

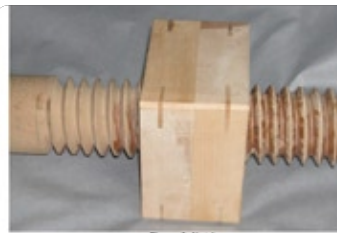


Figure 3: Nut 1



Figure 4: Nut 2

One of Dick's biggest concerns in building his vise screws was whether he could achieve adequate strength. So, with his background in material science and failure analysis, he tested the threads. He found that larger diameter threads were stronger (probably no surprise; see Figure 5). Besides the factor of diameter, he also wanted to know which wood would be best to use in fabricating the screws. So, he tested several different woods and found that hard maple yielded the greatest strength (see Figure 6) although there was some confusion about the types of birch and their strength.

Failure vs. Diameter

Diameter (in)	Pitch (tpi)	Threads Engaged	Failure Force lbs.
1/2	8	6	1270
3/4	6	6	2700
1	6	6	3200

Figure 5: Thread Strength vs Diameter

Finally, Dick wanted to see if he could make smaller screws and apply them to other uses. So, he made the clamps illustrated in Figure 7. He has also experimented with making wood threads using a router and he pointed out that with today's technology, one can obtain various taps and dies to do some of the tasks, especially for smaller screws.

FORCE AT FAILURE (lbs)

3/4 IN. SCREWS, 6 THREADS ENGAGED

Mahogany	1150 lbs
Cherry	1310
Walnut	1530
Poplar	1650
Oak	1930
Birch-yellow	2710 (?)
Birch-white	2150
Maple	2700

Figure 6: Thread Strength vs Wood Type

Dick passed around examples of some of his work and generated a lively question and answer session. All in all, the presentation was much appreciated by those attending.

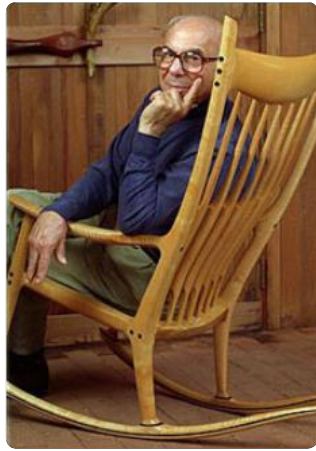


Figure 7: Dick Heckman's Wood Screw Clamps

Lindy

Sam Maloof

With Sam Maloof's passing at the age of 93, America lost one of its premier craft woodworkers. Maloof understood and appreciated the privilege of working with his hands, and of living the way he saw fit. For Maloof, the smell of wood and the satisfaction in making a good piece of furniture, the joy in creating and then in giving pleasure to others, formed the basis of a rewarding and meaningful life. Humble and gracious, he referred to himself as simply a woodworker, though of course he was more than that.



Maloof began his career as a furniture maker shortly after WWII. Maloof never forgot the financial difficulties he faced when starting up, nor the absence of role models. By all accounts, he was generous with his time and energy, encouraging young artisans, performing lectures and workshops, and diligently advocating and promoting craft causes.

Maloof stated his design philosophy succinctly: "My goal is to make furniture that people can be comfortable living with. If you're not preoccupied with making an impact with your designs, chances are something that looks good today will look good tomorrow." Structural and visual durability were the essence of Maloof's craft, he built things to last, from artful and sturdy joints to classically simple forms that he refined and improved over time.

Maloof's most popular designs and the ones for which he will best be remembered are his chairs. Maloof's chairs are comfortable to sit in and inviting to touch. Few examples of modern design can surpass them for visual and tactile delight.

Evaluating his career in 1983, Maloof quoted Emerson, who said "I look on the man as happy who, when there is a question of success, looks into his work for his reply." By this measure, or by any other, Sam Maloof was a successful and a happy man. "God willing," he wrote in the early 1970's, "I don't want to retire. I could work with my hands as long as I live" Sam Maloof worked with his hands up until the month before he died. His life, and his work, are now a part of our cultural heritage, and will remain a source of inspiration to craftsmen, and to all who enjoy craftsmanship.

Marvin Benson

The other day I was weeding out a bunch of old business cards and I came across Marvin Benson's. It had his website on it, so I thought I would check it out. There was a button labled "Contact me" so I did and basically asked him how things were going, here's an excerpt of his email:

There is a Rockler in Portland, 3 hrs from here. When I go there I think of everyone. We do have a Guild here but it's a 3 hour drive and I have never attended. We are in Central Oregon which means east of the Cascades. All the larger town are on the other side of the mountain and that's where the Guild meeting are held. One day I hope to start one over here.

We really do like Oregon. It's like the best of 2 worlds. Our little town of Sisters has about 1700 residents and is located 20 miles NW of Bend. We are surrounded by forest and the Ocean is only a 3 hr drive from here. Lakes and rivers everywhere it seems and NO TRAFFIC!!!!!!!!!!!!. We love living so close to our kids as well. My oldest son has his offices upstairs in our little airport. It's really just a strip with some hangers. I have my shop in a corner of the one hanger. I have had my pieces displayed in several areas in Central Oregon.

I am teaching a 4-H group Intarsia these days. They are doing real well and we hope to enter in the State Fair in July.

So we miss all our Colorado friends but little by little are making new friends here. Hope all is well with everyone and I miss the meetings and the many friends I made in the Guild. My best to everyone and I hope to visit again one day....

Marvin Benson..

Cal

Food Drive

"The Gathering Place" is one of the organizations CWG provides with toys during Christmas. The Gathering Place supports homeless women with daycare and resouces for self-sufficiency. For the next few months we will be asking for your donations of non-parishable food items (i.e. canned tuna, canned vegetables, soups, mac&cheese, etc.). Just bring these items to the meetings and they will be transported to the center to replenish their diminishing supplies.

Paul Seipel

GUILD MEMBER DISCOUNTS

20% off at :

The Hardwood Emporium

16043 W. 4th Ave., Golden CO. 80401
303-277-1488

10% off at:

Abilene Awards & Logos

www.AbileneAwards.com

1730 S. Abilene, Aurora, CO 80012
303-755-0337

Centennial Wood Co.

2775 W. 7th Ave, Denver, CO.
303-778-6209

NOW OPEN on Saturdays starting Feb. 21st
Hours: 8AM to 2PM

Charlie's Secondhand Store

2227 Larimer St., Denver, CO.
303-295-1781

Paxton

www.PaxtonWood.com

4837 Jackson St., Denver, CO.
303-399-6047

Rockler Woodworking and Hardware

www.rockler.com

2553 S. Colorado Blvd., Denver, CO.
303-782-0588

TC Woods

www.TCWoods.com

9776 Arapahoe Rd., Lafayette, CO.
303-494-0425

Woodcraft

www.Woodcraft.com

New Location!

6770 S. Peoria St. Centennial, CO 80112
303-290-0007

Offers Contractor Discount (roughly 20%)

Austin Hardwoods

www.AustinHardwoods.com

975 W. Mississippi, Denver, CO.
303-733-1292

WOOD OF THE MONTH - June

Paxton

4/4 Wormy Soft Maple #1 common & Btr
8' - 10' lengths \$1.79/BF (42% off)
4/4 8" & Wider by 8', Cherry, Sel&Btr \$5.69/BF
4/4 Knotty Alder \$1.89/BF

Hardwood Emporium

4/4 FAS Ash \$1.75/BF
4/4 FAS True Northern Hickory \$2.25/BF

Centennial Wood

4/4 X 10" wide Beetle Kill Pine \$1.56/BF rough sawn.

Please Note: Although "Beetle Kill Pine" is used as flooring here, it is a very soft wood and not recommended unless the owner is fully aware of consequences and steps are taken to lessen damage.



(Very beautiful though!!) Photo provided by Centennial Wood

Abilene Awards & Logos

Have you ever wondered why "Abilene Awards & Logos" was a sponsor of CWG? I have, but I was recently in need of some brass plaques, so I decided to give them a try. Not only did the engraving come out great, but I discovered that they had a laser engraving tool. I was so excited that I took a fly box that I make for my "Trout Unlimited" chapter and had them engrave our logo on it. As you can see it came out fantastic! Now my head is spinning with all types of ways that I can incorporate this technology into my pieces. If you are interested in having some laser engraving done, the cost ranges from \$8 to \$50 depending on art work and the size of the image. For more information contact Grant or Molly Barrett (owners) at 303-755-0337, they're great folks to work with!



Cal

Board Members

President: Fred Matzen 303-523-8960
frederickrm@gmail.com
Vice-President: Robert Beason 303-682-0575
rbeason@rbeason.com
Treasurer: Lindy Baer
clhbaer@earthnet.net
Secretary: Cal Noguchi 303-902-8134
cbnoguchi@msn.com
Committees at Large:
Ron Vanous 303-842-9761
rvanous@comcast.net
Bill Hoppers 303-424-6052
Webmaster: Fred Matzen
Christmas Toy Program: Bill Huffer 303-283-8982
Membership Coordinator: Ron Vanous 303-988-6047
Yahoo Group Moderator: Carl Beck
carl@carlbeck.com

Monthly Board Meeting

The CWG Board Meeting is held on the forth Tuesday at 6 p.m. The meeting is open to all members. If you plan on attending a meeting, please RSVP to one of the board members because the meeting location varies.

Free Wood for Toys

Mark Klosky has wood available for use on the Christmas Toys Program. Please contact him or Bill Huffers about getting some for your toy project.

Mark Klosky - (303) 722-9712 or (303) 906-1197

Web Resources

www.sawdustmaking.com -

Lots of info and links

www.sawmillcreek.org - Woodworking forum, over 40,000 members

www.draw.labs.autodesk.com/ADDDraw/draw.html

Project Draw - Free online drafting software. Its easy to use, very much like putting pencil to paper.

www.sketchup.com/ - Google's Sketchup if you want something a little more 3D. They have a FREE version as well as a Pro version.

<http://sketchupforwoodworkers.com>

tutorials for woodworkers wanting to get started on Sketchup

<http://lumberjocks.com> - Hundreds of projects submitted by members, Forums, Blogs, Videos and more



Contact Us

Colorado Woodworkers Guild

P.O. Box 100996
Denver, CO 80250-0996

Phone: 303-523-8960

E-mail:

General Questions or suggestions - Postmaster@coloradowoodworkersguild.org

Submit Articles or Information to the newsletter - Newsletter@coloradowoodworkersguild.org

Questions or suggestions for demos, programs or articles - Programs@coloradowoodworkersguild.org

Web site: www.ColoradoWoodworkersGuild.org

Yahoo Forum: <http://Groups.Yahoo.com/group/ColoradoWoodworkersGuild>

(YAHOO ID and acceptance into this group is required)

Not yet a Member?

We invite you to join now. Here are some of the benefits of becoming a member:

Monthly Guild Meetings -- Here woodworkers from novices to highly skilled craftsmen can meet, network, solicit advice, share ideas, and learn

Annual Craftsman Show -- The woodworkers' showcase! A world-class exhibit featuring pieces created by our diverse and talented guild members

Christmas Toys Program -- A great opportunity for novices to work side-by-side with and learn from experienced craftsmen, and in the process create fabulous toys for underprivileged children

Field Trips -- To local lumber yards, mills and workshops

Monthly Newsletter -- That includes meeting announcements, free classified ads and much, more...

Membership in the Colorado Woodworkers Guild is \$30 per year PER FAMILY for those with email, \$40 for hardcopy delivery.

Do You have an adaptation, original project idea , technique or jig you want to share?

Send a rough draft or finished article to:

newsletter@coloradowoodworkersguild.org for possible inclusion in one of our newsletters.

Membership Cards

If you have renewed your membership or recently joined and have not gotten your membership card, please inform Lindy Baer.

Membership dues increase

Due to the rising cost of materials and postage, we are forced to increase our membership dues for those receiving the newsletter by mail. If you have an email address please contact us at:

Newsletter@coloradowoodworkersguild.org

This also applies to those that have changed email addresses and have not informed us of the new one. For those receiving electronic versions of the newsletter, your membership will remain at \$30/year. Other advantages to the electronic version: Colored pictures, hyperlinks to websites, forums, videos, etc. and last but not least, you save a tree (for woodworking :-)

Mail this Application and a check to:

Colorado Woodworkers Guild
P.O.Box 100996
Denver, CO 80250-0996

Email members - \$30.00/year

Non-email members - \$40.00/year*

Name _____ circle one (New) (Renew)

Company _____

Address _____

City _____ State _____ Zip _____

Phone _____ - _____ - _____ E-mail _____

* Non-email members pay more due to the cost of materials, copying and postage

