



## April Newsletter

### President's message:

While social distancing and self-isolation make this period of time a potentially boring, even somewhat lonely time, we can be thankful for tools, both shop tools and communication tools, which can make the distance somewhat less onerous.

Most of us cannot normally spend the time we would like in our shops. Now we have the time to build projects that have been “hanging fire” forever. Others might re-organizing our shop space and improving its efficiency. Still others might be spending the time to finally learn that Computer-Aided Design Software we have been promising to “master” forever.

I have been spending my time designing and implementing cleat-based wall storage facilities and have managed to greatly improve the use of my shop's wall space.

Additionally, I have been making copious use of the 3D design software, Fusion 360, to design the aforementioned storage fixtures, and have been improving my use of that software package and becoming more proficient in its use.

Technology can reduce the feeling of isolation. Video calling allows us to meet “face to face”, to share conversation, comfort, and ideas. You who feel unequal to the task of learning the “acursed” technology, should step out of your comfort zone, and use video calling tools to “be” with friends.

Internet communication tools also allow us to share ideas, and show progress on our pet projects. The rest of this off-schedule newsletter have contributions from a number of our members.

Bob Beason has been a busy beaver and has submitted photos of three masterfully implemented projects

Laura Peterson has opened up her other craft shop (sewing), and has submitted pictures of the safety masks (62 of them!) she has created in her newfound leisure time.

Don Prorak gave us pics of a beautiful frame for a stained glass panel, as well as images of a couple of turned bowls and plates.

Cary Goltermann has been making brass-headed mallets which look pretty damned nice.

Jason Matischek and Terrence Zhou have submitted pics of them in Jason's shop

Ralph Kolva has produced two beautiful pieces employing Japanese Kumiko

Ted Smathers has been working on a fascinating folding chair.

So, I urge you all to pursue your shop dreams and submit pictures and descriptions of the results. Submit to [webmaster@coloradowoodworkersguild.org](mailto:webmaster@coloradowoodworkersguild.org)

**Don Prorak**

This frame for a stained glass piece that my wife had from her mother is purple heart with ebony inlay that protrudes about 1/16" from the surface. The inlay was intended to complement the corner design of the glass, and also to reinforce the miter joints. On this project I'd like to acknowledge Bill Knoll for his demos on card scrapers and finishing techniques.





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I've also turned a couple of cottonwood platters and a small Russian olive bowl from trees cut down in my yard:

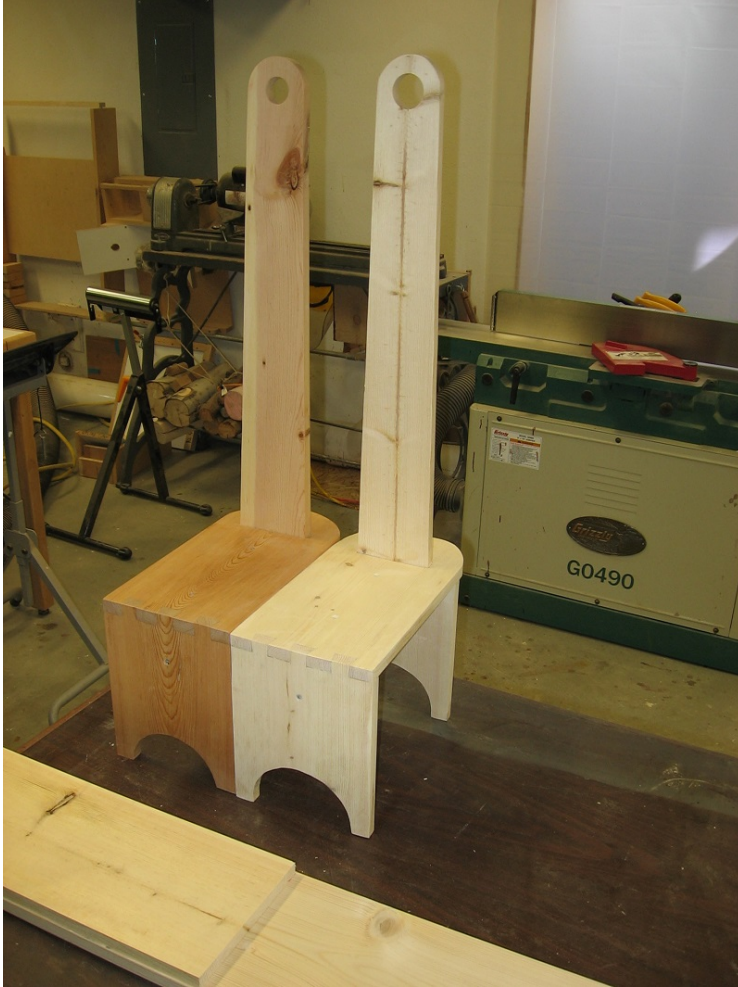


Hope everyone else has been able to enjoy shop time during the quarantine.  
Stay safe & healthy!

Don



**Bob Beason**  
Shaker step Stools



**A Cherry Jewelry Cabinet**





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A walnut wall cabinet from a design in Fine Woodworking magazine





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**Laura Peterson**

Here is the project from my other workshop. So far 62 of them. Doing our part. Stay safe.





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### Cary Goltermann

Stuck at home and unable to hobnob with y'all, I thought I'd share my latest adventure into hand tools.

Just for fun, I'm making a small brass mallet to be used for adjusting the blade in a wood body hand planes. I know Kevin prefers to use a steel hammer but I can't machine steel.

Anyway, while attempting to clean my shop, I came across a 1" bar of brass, which I have used to make two other brass mallets. I chucked it in the pen jaws on my wood lathe, cut off a ~2" chunk and machined the ends with a chisel (one must take very light cuts).

Then placed it in a machinist vise and cut a flat spot with a forstner bit, following with a 1/8" pilot hole and a 1/2" thru hole.

Note: I will save the brass shavings for use as filler in some future project, somewhere on my bench is a container full of similar shavings.

I hope you are all doing well and working on projects.

Best Regards,

Cary



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### Jason Matisheck and Yan Ming “Terrence” Zhou

Here are some pictures of me and fellow member “Terrance” in my shop. Terrance is isolating with my family, if that makes sense. I am building a Stickley #700 bookcase out of quartersawn white oak. Here are are dry assembling the case so I can fit up the next part. I am doing all of the joinery with hand tools.

Terrance is building a model of a Japanese timber frame using his Japanese saws. He really likes his saws.

Cheers,

Jason





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### Ralph Kolva

Just finished a couple of projects, working a handful of others.

First project is a Japanese andon (floor lamp) I did for our living room. Sapele, linden, quilted maple, white ash base. Three different kumiko patterns in the sides (2 of each) and another pattern in the top, backed with washi paper (rice paper). About 23" high, 16" across

The other piece was a demo project for my Furniture 1 class at RRCC. Based on Mike Pekovich's single board table which I use for the classes first project. Walnut, linden, quilted maple and ebony. Kumiko is backed with washi again. I now have a glass panel over the kumiko.

Keeping busy in the shop with 2 nightstands, hall table, Arts & Crafts Rocker and some boxes that I had wanted to bring to the Gathering of the Guilds (A&C Society invited me last year). A few other projects as well, have a good bit of time on my hands now that classes have been canceled.

Ralph





## Ted Smathers

I am working on a rocking chair, but not a typical rocker as it folds up. The attached pictures and text show the effort:

I saw this antique rocker in an upholstery shop that. The owner said some day he was going to complete the seat and back. It was built as a child's chair; and my thought was to build a larger version for my daughter. The owner said I could take it for reference and I have it in my garage/shop right now.

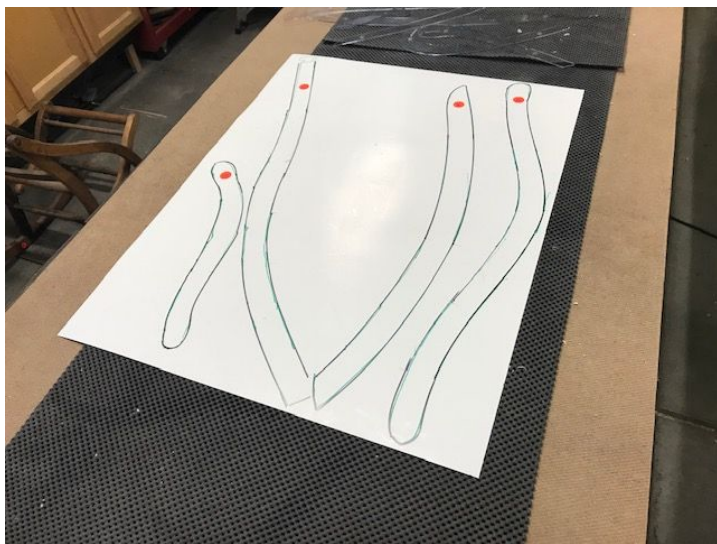
I copied the components as templates on hardboard, scaling the components larger and /or bigger, then traced the templates on to 3/4" white oak boards, and cut everything at the bandsaw. I had some curved pieces left over from chairs I built a long time ago. I put angled tenons on these curved surfaces and then cut the mortises in the legs and assembled everything together.

I used temporary fasteners to see if the folding mechanism worked with the geometry of the larger chair. The end product will use rivets as fasteners. The mechanism on the original chair is shown. Now problems appeared. I could fold the back okay. I could fold the seat okay. But I could not fold the total chair as the new geometry was different when scaled up.

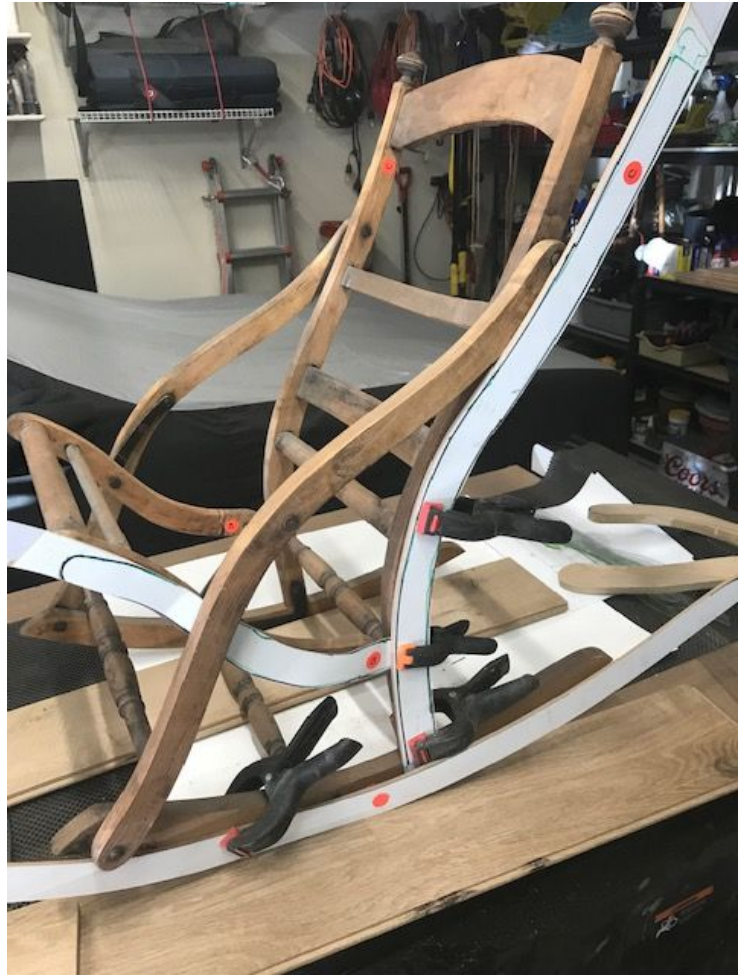
The chair is really a four-bar linkage. By trial and error I could get everything close, but not good enough. When the geometry is correct I will get the hardware fabricated.

So---I need to have the mechanism analyzed from a kinematic standpoint but I do not have a computer program for this. Can someone help me? I am finding the folding mechanism is the toughest part of this project. When I get this figured out, the completion will be fairly straightforward.

Ted



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