

WOODWORKERS NEWS



Northeastern
Woodworkers
Association

June 2021, Vol. 30, Number 6

President's Message:

At the recent May 13 Annual Meeting, the membership voted to amend NWA's Bylaws as endorsed by the Board in April. I want to thank the membership for this expression of trust in last year's Board as well as its trust in NWA's future governance with a smaller Board. As one member mentioned, collectively these revisions to governance comprise the most change that the organization has undertaken in over twenty years. This sets NWA up for a busy year ahead.

First, the Railroad Avenue Shop is now on the cusp of resuming all its activities including the start-up of education classes and machine qualification programs. We will, of course, also need to remain alert and responsive to the continuing presence and/or possible resurgence of COVID-19 in our communities.

Second, by the time this is published, the new Board will have made several pro tempore appointments at least for the At-Large positions, and the new Operations and Program Committees should be in the process of setting up. Both the Board and those Committees will be adjusting to their new roles and to somewhat different communication channels.

While I am really glad that NWA's Board has been streamlined, I also know that regular and informative communication is central to our members knowing they are connected to this organization. Among my goals for the coming year is to try to keep you all updated about the NWA.

Third, NWA will be expanding its Internet presence both to offer more to its wide-spread membership and to attract new woodworkers. NWA managed to get its toes a little wet during the past year with remote monthly meetings, sales events, and several video demos. We expect to stream monthly meetings next fall and (hopefully) offer some online instruction while recognizing that woodworking skills may be best learned from live, shoulder-to-shoulder instruction with teachers who love sharing what they know directly with others.

Finally, I want to thank all the members who have assisted and advised me during this past year. I fear that if I attempt to name you all that I will omit someone, so I will just say, "Thanks again for helping NWA get to here". With your support and hard work, this organization is now in as good of a place as it probably could be in this less than perfect world. - Stay safe, help, and keep woodworking.

-- Irv Stephens

EDITOR'S NOTE

This is the last newsletter until September.
We will accept submissions up to August 15, 2021 for the
September newsletter. Important announcements
will be e mail blasts during the summer.

Kiln Dried vs. Air Dried Lumber

By Mark Levanway

With April's NWA lumber sale, questions were raised about the merits of kiln or air-dried boards. We asked an expert, Mark Levanway, who worked as a forester thirty years for NYS Department of Environmental Conservation retiring as the Head of the State Forest section in the Albany, to weigh in on this debate. He has a degree in Forestry from SUNY College of Forestry (now called the College of Environmental Science and Forestry).

This article is a presentation of the differences and/or advantages of kiln dried (KD) and air-dried (AD) lumber. Statements included in this article are based upon my experiences in the wood using industry as a forester and the better part of my lifetime of working with wood.

Let us start with kiln dried wood. This lumber is placed in a kiln which controls the humidity and temperature inside in order to remove moisture from wood at an accelerated rate from what would occur naturally. This is done for economic reasons to get usable lumber to the market faster, and the cost of doing so can be passed on to the consumer.

Kiln dried lumber is generally dried to approximately 6-8 % moisture content (MC), for hardwood lumber. Construction grade lumber i.e., 2x4,6,8 etc. for framing is only dried to about 18-20 % MC. My discussion in this article is not about construction grade lumber. By comparison, air dried lumber will dry to about 10-12 % MC under the right conditions. It is possible to get it lower if it is stored in a heated building, or in a building that is naturally heated by the sun during the day.

Once KD lumber is removed from the kiln, it does not necessarily stay at 6-8 % MC. It depends on how it is stored. Generally, it is stored in a large unheated warehouse or under a partial roof outdoors. In those conditions, it will begin to acclimate to the ambient moisture content of the air. When it is purchased retail, the buyer has no idea how it has been stored, how long it has been out of the kiln or what the moisture content currently is. The assumption is the MC is lower than AD, but frankly, you just do not know. If you purchase AD lumber you do not know the moisture content either, but you know that going in, and you can take it home and sticker it up indoors. In either case, if you own or have access to a moisture meter you can check the MC, but most woodworkers do not have one.



Continuous Vacuum Kiln using aluminum hot water heating plates under a lower pressure.

Capacity: up to 6000 board feet,

Plates and Lumber Pile: 21ft L x 64in W x 67in T

1 Year Limited Warranty

Price: \$215,000

Stresses in wood. All wood has stresses in it which result from growing conditions, such as growing on a side hill, or where a specific board came from in the tree. Many highly figured boards which we as woodworkers so prize, come from places in the tree where there is more stress naturally, like the flame crotch. Fast drying of wood can increase those stresses. I had an experience a couple years ago where I was ripping some 2" KD white pine to make new windowsills for a restoration of an 19th century barn. As I neared the end of the ripping cut, I heard a very loud crack, like a rifle shot. The board had split open for the last several inches of the cut. It happened more than once and with 5/4" stock as well. I have never experienced that with AD lumber. It makes you jump, not a thing you want to do while ripping on the table saw.

Air drying lumber is a slower, more natural process. It takes longer yes, but it does not tend to build up stresses in wood to the same degree.

The moisture is not being forced out; it comes out naturally. I also find it easier to work. Kiln drying lumber can leave the surface harder. It can get casehardened if done too fast. (Casehardening results from too rapid drying. The outer layer dries more quickly than the inner causing tension or compression of the cells at the surface. The surface tends to be harder than normal and thus does not machine or work with hand tools as well.) Finally, the colors are much more vibrant and natural, especially in the darker woods like walnut and cherry. It is just prettier.

Kiln drying hardwood lumber generally takes about 30 days in the kiln; however, it is air dried for a month or two to allow the moisture content to reduce prior to putting it in the kiln. By the time it gets to market, it is a several months- long process. Air drying hardwood lumber takes 1-2 years to get ready to use, depending on thickness and drying conditions where it is stored.

AD lumber is also cheaper to purchase than KD lumber. Our lumber auction every year is a great place to purchase some, and it is all air dried. Air drying lumber on your own is a commitment to properly handling green lumber when stacking and stickering. It is fine to store outdoors for a few months, but eventually it needs to be brought inside, out of the weather. I have spoken about lumber handling in the past, but that is not the subject of this article. It does take time to dry it, but it is nice to have a supply readily available when you want to start a project right in your own lumber shed.

I guess you can surmise from the above that I prefer AD lumber. I use it almost exclusively in my shop. There are times when I have to use KD, but not frequent ones. Woodworkers can make up their own minds as to what they wish to use in their shops.

The Crafters Return to the Shop

By Susan McDermott

On May 8 and 11 the Crafters SIG resumed concerted work on a community service project. They will build 8 to 20 “memory boxes” for the children attending the Double H Ranch camp in Lake Luzerne. Over the years, the Crafters and Scrollers SIGs have created games, toys, cabin symbols and animal cutouts for the campers. The memory boxes serve to preserve the special items the children make or find or treasure as part of their summer experience. The boxes are of pine and selected hard woods, carefully mitered, and having fitted lids.



Box sides and ends



Stock with grooves cut for top and bottom panels

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Vacant

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Making 45 degree miters



A disassembled box



A finished box

WOODWORKERS NEWS

is published by the Northeastern Woodworkers Association for its members. The Association's aim is to provide a common meeting ground for lovers of woodworking who want to know more about wood and the techniques for forming it. The newsletter is published monthly. The newsletter is available online at www.woodworker.org



Your next issue of
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will be published
in early September

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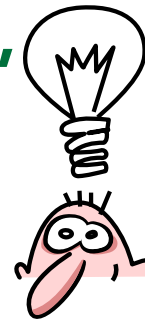
A mystery man with smart goggles

The Double H campers bunk in cabins with animal names. The Scrollers made signs in the shape of the animal that identifies the cabin. The campers receive wooden cut outs of the animal that represents the cabin they reside.



Cutouts made by Steve Mapes and Steve Vanderzee

"MEMBER'S WOODWORKING TRICKS"



Adjustable height assembly table

Submitted by Rick Bird

I built an assembly table using a 2"x30"x60" desktop. It is flat and the laminate works great to keep glue from sticking to it. The table's uniqueness comes from my use of two automotive scissor jacks (in the photos at right) as the height adjustment mechanisms. I got these from a junk yard and either use the wrench that came with the jack, or a dedicated socket in my drill to raise them up or down. The table also acts as my table saw outfeed table and has some storage underneath. When building tall items, I can lower the table as needed to keep the project (and me) off the floor and at a comfortable working height.

I built the four column supports as "dovetails" from 2x4's; one 2x4 attached to the tabletop has bevels cut on two sides to form the "tail", three 2x4's are attached to the mobile base of the table at matching angles to form the interlocking "pins", so they are stout and easily able to carry the heavy table top and any work I do on it without racking. The whole table is built on a mover's dolly to make it mobile, but most of the time it sits on blocks to keep it stationary.



Scissors jack adjusts table height

Use a coat hanger!

I got this from a magazine somewhere, so it is not my original idea. Use a coat hanger with "clips" to hold your current project plans. You can then hang the hanger nearby and keep it off your bench where it could collect sawdust.



Coat Hanger



Close up

Send us your woodworking tips and tricks for a prize.
NWAnewsletter1@gmail.com Submission deadline is the 15th of each month (except June and July).

NWA General Meeting of May 13, 2021

Officers' Election and Major By-laws Changes

By Susan McDermott

President Irv Stephens began the remote (Zoom) meeting at 7:00 PM. Within a few minutes there were 42 members present. Irv explained that there would be no guest presenter as the annual meeting would need the time to accomplish two important goals. The first would be the election of the President and Vice President with the votes of members present. The second would have Rich Cerruto review the by-law changes, answer any questions about those changes, and hold a vote by the members present.

Two **announcements** by Irv were the naming of Todd Gunter as the President of Totally Turning and the necessity for the new NWA Board to address the Covid prevention policy needed at the 97 Railroad Avenue shop.

Elections

The nomination committee reached out to members for names of persons to serve as officers for the 2021-22 year. Ron Roberts wishes not to run as Treasurer, but no one has stepped forward to replace him. Ron will continue to manage NWA finances until a qualified person is found. This is a great challenge as Ron's duties are complex and time consuming.

Wally Carpenter nominated Carl Stoner to be Vice President, and Carl accepted. No other nominations were put forward, and the vote was unanimous to approve Carl's election.

Susan McDermott nominated Irv Stephens for a second term as President. He graciously accepted, and the members approved his election with no objections or abstentions.

Irv explained that the new NWA Board was reduced from 25 to 9 members for the greater efficiency of conducting business. Currently there are three vacancies. One will be filled by the new Vice President, Carl Stoner. The other two are Members at Large to be determined by the President and the Board, according to the new by-laws. The Board will elect a Chair to officiate the business of the Board and report to the President.

The By-laws Changes

Rich Cerruto, who devoted extraordinary time, research, communications, and the writing of the revised by-laws, provided an overview and answered members' questions. The legal revised by-laws were sent to the entire membership weeks earlier, and members were encouraged to attend this General Meeting. There were seven major changes:

1. The Board would be reduced from 25 to 9 members. They are President, Vice President, Immediate Past President (to be replaced by a Member at Large after one year of service of the Immediate Past President), Treasurer, Executive Secretary, Recording Secretary, Mid-Hudson Chapter Representative, two Members at Large.

2. No longer will SIG leaders and other Chairs such as Librarian, Hospitality, Education, etc. be Board members. An Operations Committee overseen by the NWA President will include the following: Auction Chair, Education Chair, Membership Chair, LCOC Chair, Publications Chair, Librarian, Historian, Publicity Chair, Showcase Chair, and Fiske Fund Chair. A Programs Committee will be overseen by the Vice President and includes SIG representatives, Chapter Representatives (who are not board members), Programs Chair, and Hospitality Chair.

3. The Executive Secretary's too large duties will be reduced, and some assigned to the President.

4. Disciplinary action will be instituted. A member who abuses the membership can be removed by 2/3 of the Board members' votes. Shop privileges can be suspended for any dangerous activity by a member. A Board member can be removed if he/she is not fulfilling the duties of the position. In all cases, a member is entitled to a hearing.

5. A Chair of the Board is elected by the Board members and will report to the President.

6. All membership meetings can be held remotely as well as on-site to increase the

participation of NWA members. After a process is developed, remote and absentee voting can be accomplished in a virtual medium. Voting electronically can ensure active, paid members can vote for greater representation.

7. A quorum is 10% of the entire active, paid members (as required by NYS). Currently, there are approximately 460 members who can vote.

A lengthy discussion ensued about what is a fair percentage to constitute a quorum. A family membership has one vote. Dale Lombardo moved to vote on the new by-laws and Steve Gally seconded. Thirty-six were present to vote as a few members left early and the 78% (28) voted to approve the by-laws as documented by the chat list.

The next Board meeting under the new member configuration will be May 25 at 7:00 PM. These meetings are public should you wish to audit them. Inquire with Irv Stephens (irvstephens@gmail.com) or Charlie Goddard (cgodd@aol.com) for the Zoom link or meeting location.

NWA Member Michael Barrett's Amazing Accomplishment

December's newsletter featured an article about the Burden Iron Works Museum and an interview with Executive Director Michael P. Barrett. Michael is back in the news! If you subscribe, read the link below from the *Times Union* April 25, 2021.

https://www.timesunion.com/news/article/Moving-Troy-history-takes-money-and-ingenuity-16124716.php?utm_campaign=CMS%20Sharing%20Tools%20

Crafters' Community Service

By Charlie Goddard

Nine NWA members made 40 bird houses to be used by the Colonie Senior Service Centers. CSSC will distribute the houses to anyone 55 or older to provide something interesting to take minds off the pandemic. Attached is an article from the latest newsletter of CSSC. Also attached is a photo of the collection of 40 bird houses.

Those who participated include Jon Bennett, Rick Bird, Charlie Goddard, Pete Howe, Tom Moran, Don Reeb, Bob Reinhardt, Austin Spang, and Bob Stevens.

For the Love of Backyard Birds

Join CSSC as we sponsor a birdhouse-decorating contest this month. With the warmer weather upon us, let us celebrate our backyard friends by creating beautiful original birdhouses for them to live in. CSSC will provide a small wooden birdhouse with the intent that they will be used as a canvas. Participants will have approximately three weeks to decorate their creation understanding that the birdhouse has to keep its original purpose of housing birds. Upon their return to CSSC, a panel of judges will choose the most unique, the most beautiful and the most welcoming of the birdhouses entered. Fabulous prizes and bragging rights will be awarded to the winners.

Birdhouses will be distributed from The Beltrone Living Center on Thursday, April 22 (Earth Day), and will need to be returned by Thursday, May 13. There is no fee to participate but the number of participants will be limited and we ask that only individuals aged fifty-five and older take part. Members of the Northeastern Woodworkers Association have graciously agreed to build the birdhouses for this competition.

For additional information and to sign up, please call Diane at 518-459-2857, ext. 305.



NWA Pickets at Shaker Heritage Society

By Brea Barthel

On April 17th NWA members picketed at Shaker Heritage Society, and then got thanked for their labor action. This was no protest, but rather a group effort to reconstruct the picket fence protecting SHS's herb garden from nibbling wildlife.

Throughout the preceding months, Charlie Goddard crafted 399 pickets from plain lumber. Starting with primed 1"x 4" boards, 16 feet long, Charlie cut each board into four 4-foot pieces and took them home for shaping into candle-like tops. According to Charlie, "There were a few steps in making the flames. First, I used the table saw to make the horizontal cut on each side. Then marked out the shape with a template. Next, I cut close to the line with the bandsaw. For the last step I used the template again to guide the router bit on the router table." He repeated this process 400 times.

On the SHS spring workday, a group assisted in installing the pickets and mesh protection to posts and rails already installed by Jim Faddegon. Besides Charlie, NWA members helping were Brea Barthel, Dave Mobley, Dick Flanders, Irv Stephens, Peter Lawler and Wayne Distin. Special thanks to Laura Lehtonen, SHS volunteer, who got Tom Sawyer'd into helping with painting the tops and bottoms of the pickets. (Laura actually volunteered willingly, but who could resist adding a reference to Mark Twain?) To see the finished fence, stop by Shaker Heritage Society any time.



Hardwood Spoon Carving

By Robert Diehl

Fiske recipient, Bob Diehl attended a class on Hardwood Spoon Carving. He sent the NWA newsletter a description of his experience and photographs of his projects. Below is his submission.

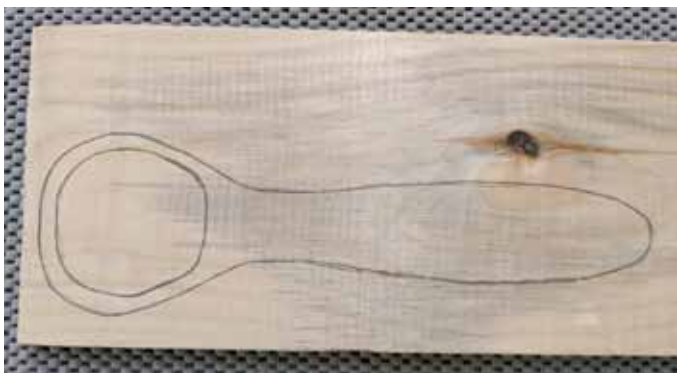
In this class we made a hardwood spoon out of $\frac{3}{4}$ " piece of maple. We used as many hand tools as possible.

1. Supplies we used the class were gouges, scrapers, spokeshave, hand saw, chisel, hammer, wood rasp and sandpaper.



Cardboard spoon template

2. Design your spoon. Take a piece of paper fold in half and sketch out the design you like your spoon to be. I then transferred the pattern onto a piece of cardboard so I could use it over again to make more spoons. I also cut out the bowl shape from the cardboard. I used a $\frac{1}{4}$ " offset from the edge of the spoon for my bowl outline.



Tracing of template

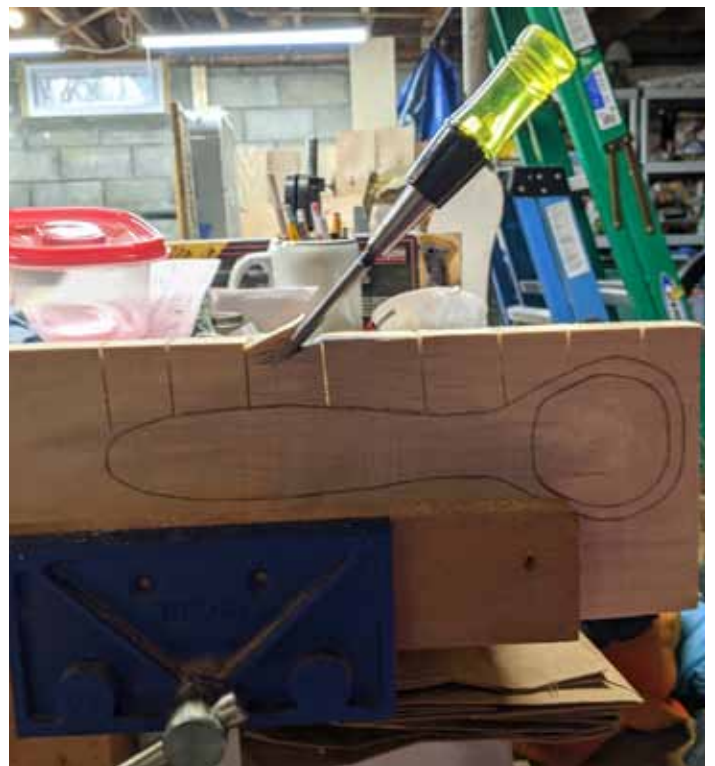
3. Trace your pattern onto a piece of wood. You want the grain to run with the length of your spoon.

4. Carve out the bowl area first. We put the square blank in a vise and used different size gouges to scoop out the bowl. When gouging,



Carving bowl

you want to start towards the center of the bowl and work your way outwards working each side evenly until you get to the edge of your pattern outline. This is so you have less of a chance of tear out going past your layout lines. When we were happy with the depth of our bowls, we used card scrapers to smooth out the inside of the bowl.



Chisel process

5. Shape the handle. First, with the blank in the vise we made relief cuts to our layout line. Then we used a chisel and hammer to remove the chunks of wood. You can use a bandsaw or

coping saw to accomplish this task. Note when chiseling out the pieces, do not start at the end of your blank and go with the grain. It may split the wood where you do not want it to. I did this by accident, so as the teacher suggested, I just made a design change to my spoon. Second, with the spoon bowl in the vise, we used a spoke shave to shape the handle. We did the same number of cuts on each corner of the spoon to try to keep it uniform. Where the bowl and back of the spoon handle, meet you want to make a concave curve.

6. Shape the outside of the spoon. We used the spoke shave and wood rasp to accomplish this task. Keep working it until you are happy with the results.

7. Sand the spoon and put on a food safe finish and its ready to use.



Rough out spoon



Finished spoon

Book Review: Recent Publication

Trees Talk To Each Other. ‘Mother Tree’ Ecologist Hears Lessons For People, Too <https://www.npr.org/sections/health-shots/2021/05/04/993430007/trees-talk-to-each-other-mother-tree-ecologist-hears-lessons-for-people-too?sc=18&f=1001>

Classified

LIST of MACHINES

ASKING PRICE

AMF/DEWALT RADIAL ARM SAW MODEL 1030	\$400
DELTA 3HP/2SPEED SHAPER MODEL 43-375 w/ Many cutters	\$1500
WOODTEK 15" PLANER MODEL CT-38 W/ Base & Roller Feed	\$1000
SHOPSMITH -- (NO ATTACH.) -- Frame, Power Head, Saw Table	\$200

Basically, set up as a horizontal boring machine

MOST HAVE ROLLER A BASE, I'LL INCLUDE AVAILABLE PARTS, CONSUMABLE SUPPLIES, MANUALS, etc, etc.

OTHER ITEMS AVAILABLE

COMPLETE DOVETAIL TOOL SET (AS A SET ONLY)	\$800
Leigh 24" Jig, 2 Porter Cable 691 "D-Handle" Routers, 17 Jesada Bits	
FREUD 4" BISCUIT JOINTER MODEL JS-100	\$125
MAKITA HAND POWER PLANER MODEL 19008.....	\$125
PORTER CABLE HAND POWER DRUM SANDER MODEL 320.....	\$100
PORTER CABLE 3"X21" HAND-HELD BELT SANDER MODEL 352VS	\$100

PLEASE TEXT ME WITH YOUR QUESTIONS 518-469-7376, PHOTO on REQUEST
JOHN P. (Pete) BADE, SHARON SPRINGS, NY 13459

Introduction to Pyrography

By Robert Diehl

Fiske recipient, Bob Diehl, also attended a class at the Adirondack Folk School on an Introduction to Pyrography. He sent the NWA newsletter a description of his experience and photographs of his projects. Below is his submission.

We burned three different designs starting with an easy one (Design1.jpg) then intermediate one (Design2.jpg) then an advanced one (Design3.jpg). This is the first time that I have done wood burning.



Design 1 cabin



Design 2 horse

1. Supplies need for woodburning are a wood burning pen, carbon paper, tape, sandpaper and design or artwork to burn. The three woods that the teacher suggested were basswood, pine, and Baltic birch plywood.

2. Sand a piece of wood, going with the grain of the wood. We sanded starting at 220 grit, then 400, then 600, then 800 grit. The teacher said that you want your work piece to be as smooth as a baby's skin.



Design 3 eagle

3. Practice using different tips that came with your wood burning pen. You should use the same kind of wood that you plan on burning on to see how the wood will react to being burned.

4. Choose and tape your design onto the wood and slide a piece of carbon paper under the design to transfer the pattern. Taping it down will allow you to lift the design and carbon paper to check to make sure you did not miss any lines. Taping also keeps your design in the same location. **Note on the carbon paper:** make sure you put the shiny side down. You will be able to use the carbon paper multiple times to transfer your designs.



Wood Burner



Carbon paper tracing



Tracing design

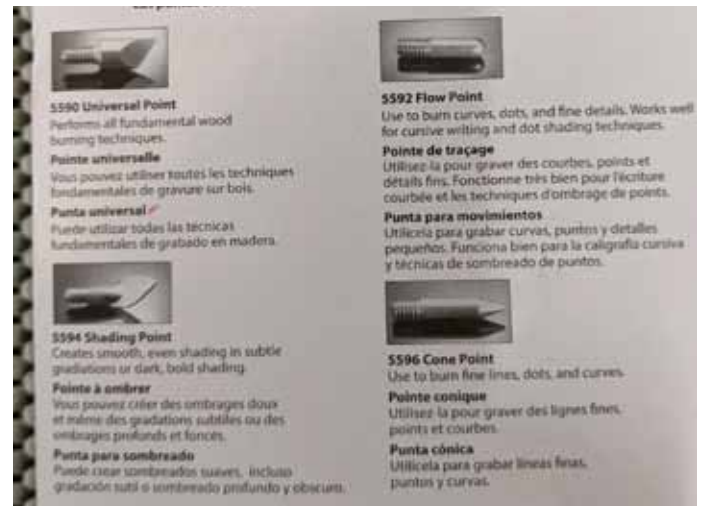


Final tracing

5. Trace out your design. Use a colored pen when doing this it will help to show where you have traced on your design.
6. Burn the outline your design first, then shade in the inside. If tip gets sap or build up on it, use 320 grit sandpaper to remove debris from the tip.



Bob's practice



Burner tips

A Message from the Auction Committee

We had another successful Tool Market in May. Thanks to the donors, more than half of the tools found new homes to help members' woodworking. All the redwood 2x4's donated also found members who want to give new life to those aged studs.

The last Tool Market before summer will be open on June 5th. Due to uncertainties caused by COVID-19 pandemic, **the Annual Shaker Barn Auction will not be back this year.**

- Do you have any tools in good condition that you no longer need?
- Do you know of any friends or neighbors who are willing to donate tools?
- Do you have lumber or cutoffs from your past projects that you have been saving forever?

If your answer to any of the above is "yes" or "maybe", please consider donating to the NWA by contacting Lee Hilt at nwaauction1@gmail.com. Many of the NWA members took advantage of tools offered on the Tool Market to date. We need more tools and lumber to continue our online sale activities in fall. NWA is a 501(c)(3) non-profit organization, and your donation is tax deductible.

2021 MONTHLY MEETINGS*

Unless noted otherwise, held at the Shaker Meetinghouse
on the Second Thursdays at 7:00 PM

For meeting cancellation information,
Charlie Goddard 370-0388

*To be updated with additional information

No June Meeting is Scheduled

Correction:

The volunteers preparing the lumber by sorting, planning, and labelling on March 25 were Lee Hilt, Juliana Shei, Jon Bennett, Bob Stevens, Rich Bird, and Dick Flanders. Editor apologizes to Bob Stevens for failing to mention him! Our volunteers are precious. Also, we thank Juliana for bringing her heavy DeWalt planer.

SPECIAL INTEREST GROUPS

SPECIAL INTEREST GROUPS (SIGs): Please note meetings will commence at our new location at 97 Railroad Avenue.

Adirondack Woodturners Association (AWA) - The AWA is active throughout the year. **General** Meetings are held the first Wednesday of the month (except in January and July when it is the second Wednesday), at the NWA Learning Center located at 97 Railroad Avenue, Colonie, NY from 5:30 PM to 8:45 PM. **Contact:** Kevin Ramsey Cell 518-769-9665 or kmrammer@yahoo.com

Spindle and Pen Turners - Meets Mondays 5:30 PM - 8:45 PM. Contact: Pam Bucci at 518-429-6440 or woolglass2@gmail.com Wednesday "Learn and Turn" sessions occur on all other Wednesdays at the NWA Learning Center. These sessions run 5:30 PM to 8:45 PM. www.adirondackwoodturners.com **Contact:** Kevin Ramsey Cell 518-769-9665 or kmrammer@yahoo.com

Kaatskill Woodturners - Second Saturday mornings at 9:00 AM at the Opdahl property in Hurley, NY. **Contact:** Wally Cook at wally.cook@gmail.com

NWA Crafters - Meet Tuesdays and Saturdays 9:00 AM to noon. They provide public service woodworking for various charitable organizations, including the Double H Hole in the Woods camp for children and the GE Toy Modifications Group, and the Make A Wish Foundation. Sharing information, fellowship, and relating experiences are a major part of these sessions. **Contact:** Wayne Distin at 518-674-4171 or wdistin@nycap.rr.com, Ken Evans at 518-281-0779 or kevan1@nycap.rr.com, or John Heimke at heimkj@sage.edu for more information.

The NWA Wood Carvers SIG - Meet Thursdays 5:00-8:30 PM all year at the NWA Learning Center located at 97 Railroad Avenue, Colonie, NY. The goal is to promote the art of wood carving and to have a good time doing it. The only prerequisite is a desire to carve while making new friends. Wood, tools, and patterns are available. **Contact:** Diane Balch at 518-885-9899 or signs@balchsigns.com

Hand Tool SIG - Meets on the 1st and 3rd Tuesday of each month at 7:00-9:00 PM in the Herm Finkbeiner Education Center at 97 Railroad Avenue, Colonie, NY. **Contact:** Dave Parkis at 518-429-6581 for further details: dparkis@nycap.rr.com

Scrollers SIG - Meets every Monday and Wednesday 6 to 8:30 PM. Contact Pam Bucci woodglass2@gmail.com 518-429-6440 (for Mondays) Kay McCampbell kmcccampbell@nycap.rr.com 518-371-9608

CHAPTERS

NWA Mid-Hudson - The chapter meets on Zoom at 7:00 PM on the third Thursday, except July. Post Covid, in-person meetings will take place on the first Thursday of the month at 7:30 PM at the Hudson River Maritime Museum located at 50 Rondout Landing, Kingston NY 12401 **Contact:** midhudsonwoodworkers.org Bill Sterling, President - 845-532-3754 wster1156@aol.com