

SOUTHERN UTAH Woodturners



American Association of Woodturners Chapter Since May 2010

NOVEMBER 2023

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From the Office of the President--

Dear Fellow Turners, Thanks to all who attended the November 11th meeting. Leon Olson made a great presentation on how he makes the hangers for his ornaments and donated a couple of the bending jigs to the raffle. We had a very nice show and tell with several members participating, showcasing some very nice work.

Remember the Cedar City Christmas lighting festival booth on November 25th and the Christmas luncheon/gift exchange on December 2nd.

Nominations were opened for club officers and Leon Olson was elected president and Joe Peacock was elected vice president.

I want to thank all the members for your support of the Executive board during the past two years. Myself, Vice President Bill Vincent, Secretary Jim Pope and Treasurer Steve Ashworth all appreciate it. I'm looking forward to seeing everyone in 2024. Have a happy holiday season and keep turning safe!

From the Office of the Secretary --

SUWT has partnered with Cedar City and will be involved in the Christmas Lighting Festivities by operating a booth offering the commemorative ornaments as well as a number of ornaments and other turned items at the Christmas market. The festivities and the market will be on Saturday the 25th of November, with the market booths open from 11:00 AM to 8:00 PM. Please visit us while you're enjoying the downtown festivities. The market is located on the west side of the parking structure between City Hall and Lin's market.

We are making the application for membership to Southern Utah Woodturners available on our website as well as including with the newsletter mailing as a separate attachment. Please mail form, with dues check (\$30) for 2022, to Glenn Pearson at the address on the application so he may update our records for the membership roster.

The demo of the month: Leon Olson showed how to bend the wires for a birdhouse base.



Leon explained where he got the idea for the base and how he turned the wood. Then he showed the tools and fixtures he uses to bend the 3/32 stainless steel welding rod. Next he demonstrated how to do it. Last he had Bill Vincent come up and bend a wire to shape. He also put a finished set of bending tools and fixtures on the raffle table. Below is an article with photos of each step.

SHOW & TELL



Ken Kofoed with a segmented cherry bowl and a bowl with crushed copper ore used as inlay. Below is a photo of the copper



Jerry Keller with a cosmic cloud bowl



Ken Ragsdale with a large hollow form with beaded side and bottom



Mike Russell large maple bowl with beads and curly maple bowl



Don Smith with a large segmented vessel of maple, cherry and walnut with an Indian blanket design feature ring



Steve Ashworth with a maple bowl with a bloodwood ring



Leon Olson with a set of three large aspen candlesticks





Don Wilson with a walnut and poplar spiral segmented bowl and a bowl with 3-D block illusion





Jerry Allred with two cookie cutters



Jared Barlow with a tamarisk vase

Gallery



Jerry Keller
cosmic cloud bowl

Ken Kofoed
segmented cherry bowl and
bowl with turquoise like inlay



Ken Ragsdale
large hollow form with basket
illusion on side and bottom





**Steve Ashworth
maple and bloodwood
bowl**



**Mike Russell
maple bowl with exterior beads
and a curly maple bowl**





Don Smith
large segmented vessel made
with maple, cherry and walnut
with an indian blanket design
feature ring and dyed with blue

Leon Olson
set of three large aspen candlesticks
shown with the collet chuck and steel
rod used to finish the bottom



Jerry Allred
two cookie cutters



TIPS AND TRICKS
LEON OLSON NOVEMBER 2023

Bending fixtures

The first bending fixture I used was a Diacro Bender. That could have been sixty years ago. As a track coach, I made BBQ hooks for the men who volunteered to help cook at the track team banquet. Everyone who volunteered got to keep their BBQ hook. Once they had a BBQ hook, they could cook at some really big events. You may have heard of Santa Maria style BBQ. We used a pit BBQ with a four foot by eight foot cooking surface. We could raise or lower the grill. We cooked enough to serve 250 to 350 people all at once. We were cooking tri tip or ball tip roasts. Each man was responsible for a two foot by four foot section of the BBQ. I can bend a BBQ hook with two nails driven into a two by four. I have made a lot of BBQ hooks and I still make them when I need to. It is an easy wood lathe project.

Over the years I have made a lot of bending fixtures, some simple and some complex. Currently I use two nails in a piece of wood to bend the piano wire to hang a Christmas ornament, bird house or whatever onto a base. The piano wire is hard to see and will not break.

Can you make a bending fixture, absolutely. When you read this, I will have given a demo on bending wire for bases. I used materials you can get wherever you live. I used Baltic Birch plywood but you can use other plywood for the base. I went to Ace and bought a box of 20D 4" nails. The nails are 3/16" diameter. You could cut one inch lengths from a nail with a hacksaw. I used a right angle grinder from Harbor Freight with thin cutoff disc. I cleaned the ends and edges with an abrasive wheel. You could use a file or sandpaper. Since the nails are 3/16" diameter I used an 11/64" drill to drill pilot holes in the bending fixture base where the pins need to be located. Then I drove the pins in with a hammer. The pins are not perfectly vertical but work fine. The gap between the pins and the wood needs to be a little bigger than the diameter of the wire.

For the first two bends, you need a piece of hard wood, hard maple works, with a hole through it. The hole needs to be bigger than the wire. I use 3/32" (0.0935) diameter stainless steel welding rod for the wire. A hole drilled with a number 11 drill (0.096) to 7/64" (0.109) works. You can go to a welding shop or welding supply place and buy stainless steel welding rod. I went to a welding supply here in Cedar City and asked if they had 3/32" stainless welding rod. They did and were willing to sell it to me. They had an open box. I bought the open box for \$12 and have been using it for years.

I went to Harbor Freight and bought a pair of 8" needle nose pliers for \$4, not on sale. I used the right angle grinder to cut the tips off where the gripping ridges stop on the jaws. Then I ground the ends smooth and a little rounded. Next, I used my abrasive wheel to deburr all the edges of the jaws. A ten dollar set of diamond hones from Harbor Freight or a sharpening stone would do the same thing. Now I have a tool that will cut the wire and let me bend it as well without leaving marks on the wire.

For the bird house bases, use about 11" of wire. Cut it to length and deburr the ends. (1) Put the wire through the hole in the hard wood about 1/4" to 3/8" and hit it with a hammer to get the first bend. (2) Then push it out again



and turn the wire 180 degrees and hit it again. Step (3), Put the wire in the bending fixture and bend it around the curve. Step (4) Place the double bent tip in the bending fixture and pull as you bend it to the proper angle. Pulling as you bend the tip will give you a sharper bend. (5) To bend the straight section at the bottom so that it aligns with the double bent section. (6) Use the modified pliers to tweak the wire where needed.

(3) Setup to make big bend. Spring back. (4) setup to bend tip horizontal



(5) Straight section at the bottom

(6) tweak the wire as needed



When you put the finished wire into the wood base, measure how far it is from the base to the first bend in the wire. It is usually too long and you have to cut some wire off. I deburr the end again so I can handle it safely. With the wire in the base, you may have to tweak it again so that the birdhouse hangs where you want it to hang.

Attendees to regular meeting November 2023

Jerry Allred, Steve Ashworth, Allen Berry, Karl Bradshaw, Kim Kristofferson, Joe DeLong, Jack Gunn, Reiner Jakel, Jerry Keller, Ken Kofoed, George Mason, Karl McMullen, Leon Olson, Glenn Pearson, Jim Pope, Vernile Prince, Ken Ragsdale, Mike Russell, Carl Scott, Bruce Sharp, Don Smith, Bill Vincent, Noel Wells, Susan Wells, Chuck Zimmerman

Students: Jared Barlow, Sean Lovell

Guest: Ken Carter

WHY WE LIVE IN SOUTHERN UTAH



**Navajo Lake hike, Dixie National Forest
Glenn Pearson Photos**

Dedicated to promoting woodturning in Southern Utah through educational demos, classes & fellowship between members.

"Learning Through Turning"

Turn Often & Turn Safe

Meeting the 2nd Saturday of each month

Visit our website at :

<https://www.southernutahwoodturners.com> Email-- suwtclub@gmail.com

ITEMS FOR SALE BY MEMBERS

Please submit items for sale to Leon Olson (leonolson@aol.com) before the 15th of the month to be included in the newsletter. Include SUWT Newsletter in the title of the email

FOR SALE Jack Gunn has a Nova Galaxi DVR 14x44 lathe for sale. \$1800
Call Jack Gunn 801-694-0203
or Bill Vincent 206-979-3218

Fishlake Lumber Co.
 Rough Sawn Lumber Specialists
 Full Line of Building Supplies
 Ace Hardware & IFA Dealer



435-438-5454
 800-304-5454
 Fax 435-438-5477
 1627 N. Hwy. 357
 P.O. Box L
 Beaver, UT 84713

Lynn Anderson
<http://fishlakesawmill.com>
fishlakelumber@infowest.com



The Foundation
 of Valley View Medical Center

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 UTAH
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CANYON CREEK SERVICES




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FREE ESTIMATES ALL BRANDS

Mike's
TOOL & NAIL LLC
 CONSTRUCTION SUPPLY
 Sales • Service • Fasteners

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 Owner

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 Cedar City, UT 84721

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Motion Industries is near Costco. They sell belts and bearings among other things. This location is a sales office but they get things quickly.

Mike's repair is not far from Canyon View High School but it is on the north side of the freeway. There is a road under the freeway from the school. The website is mikestool.com You need to be careful to get it exact. There is another website that is one letter different.