



Great Falls Woodturners Newsletter

www.gfturners.org

Volume 9, Number 10

May 2018

Club Demonstrations

Kai Muenzer – April 21st

**Turning a Cabinet with a Drawer and
a Box with a Steeply Tilted Lid**

On April 21st **Kai Muenzer** kept his promise and returned to our club to give us an OUTSTANDING demo on turning:



A turned cabinet with a drawer that blends in as an integral part in terms of shape and texture.



And a box with a steeply tilted lid. Inside and outside are turned on different axis.



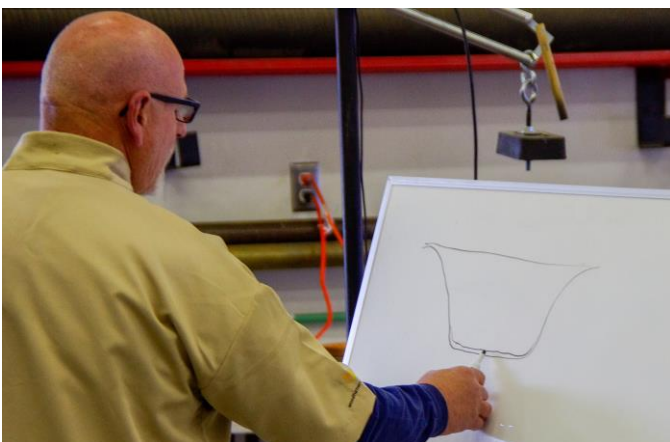
Please see the [Kai Muenzer – A Story in Pictures](#) later in the newsletter

Kai Muenzer is an Outstanding Demonstrator. He presents the demonstrations so that any and all in the audience can understand all the information and procedures. We thank him very much for returning to our club and educating us on woodturning procedures that we can use in our future endeavors.

*Thank
you*

Wayne Petrini – May 2nd

Enhancing a Bowl Bottom



Wayne began the demo by discussing turning a bowl and creating a design change by thinning the bottom of the bowl too much.

He had a segmented bowl that he created by using an old burl that looked great on the outside, but when he made bowl blanks he discovered that the burl had too many cracks and defects. He decided to salvage the wood by cutting the wood into segments and creating a segmented bowl.



When turning the bowl to remove defects from the piece, he ended up with a bowl with a very thin bottom. In fact it was so thin he noticed it was a funnel. He plugged the funnel hole and decided to enhance the bowl bottom as follows:

Wayne created a segmented ring using walnut and maple. A thicker walnut and thin maple rings. He chose to do this since it would eliminate dealing with end grain.

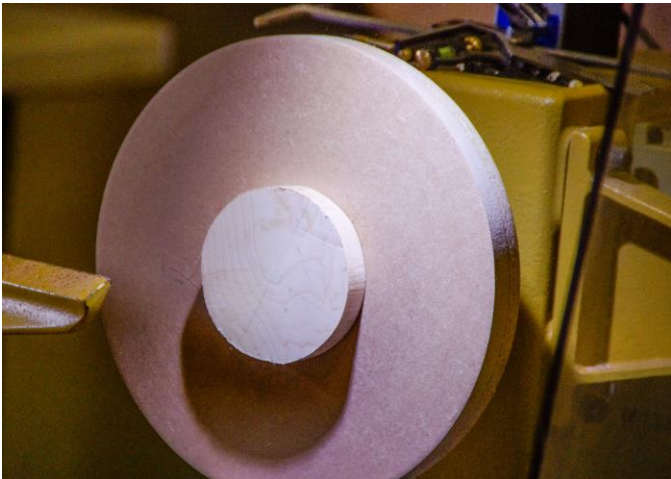
He made a disk consisting of plywood and MDF then trued the surface. He marked the disk with the diameter of the segmented piece's insert. The insert then dictated the size of the center of the segmented ring.

(As you will note in the above picture, the bottom of the bowl has an approximately a 1/8" deep recess to receive the segmented ring.)

Using hot glue, he mounted the segmented ring on the disk and made the center the size of the plug and turned the outside of the ring to fit the bottom of the bowl.



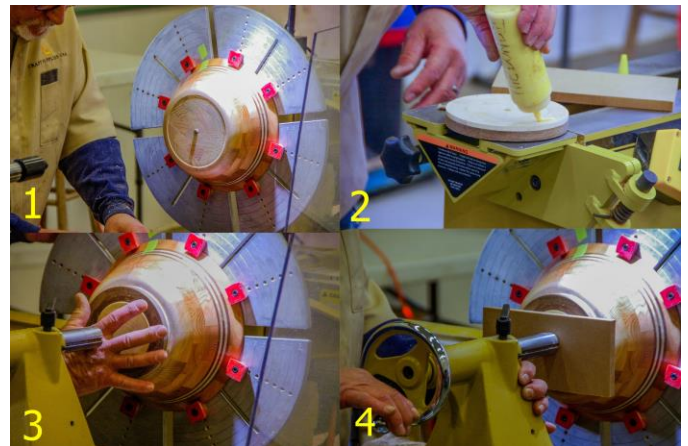
Once the ring was sized, he removed the ring by separating the four spots of hot glue and then trued the disk again.



Using hot glue again, he mounted the center of the segmented ring and trued it to fit in the ring.



Once that was done he glued the center into the ring using Titebond Glue and let the glue set up.



1. He mounted the bowl on his Adjusta Jaw Set
2. Applied glue to the segmented ring
3. Mounted the segmented ring on the bowl
4. Using a board and the tail stock, applied pressure as a clamp



He then turned the bottom. He created a recess (it's only 1/8" deep although it looks deeper) and shaped the bottom to his liking. The edge was tapered.

The finished product gives a unique finish to the bottom of the bowl and enhances the value.



Club Bowl

Thank you to all of you that took and sold raffle tickets. We are grateful to you for your support and ensuring the club has funds to function and provide a necessary facility and equipment.

The winner of the club bowl is: **Roberta Maxwell.**

Editor's Note: The following is what prompted a request for Wayne to do the demo: The Club Bowl 2018:



Thank you Wayne for your outstanding demo and all that you do for our club. We appreciate your consistent contributions to our club as well as being a Club Officer.



Club Officers

President: Sam Sampedro - 761-4145

Vice President: Roger Wayman - 460-0507

Treasurer: Chuck Kuether - 727-2442

Secretary: Dirk Johnson - 899-0728

Directors: Tom Krajacich - 727-3464

Wayne Petrini - 868-8420

Paul Snyder - 750-1999

Club Photographer: Paul Snyder

Club Site Manager: Jay Eklund

Meeting Location: Great Falls Fire Training Station
1900 9th Ave South
Great Falls, MT 59405

Meeting Days: First Tuesday of the Month and
Third Saturday of the Month
(Unless otherwise noted in
The club schedule)

Meeting Times: **Tuesdays:** 6:30 PM
Saturdays: 12:30 PM



Thank you to our hosts, the ***Great Falls Fire Department*** for allowing our club to use their facilities.

THE GOOD WOOD GUYS

The Good Wood Guys
816 20th Street North
Great Falls, MT 59401
406-231-WOOD (9663)

Please support The Good Wood Guys. They have been very generous and provide great support to our club!



A very special THANKS to:

All of you that come in early to help set up for the meeting and those of you that stay after the meeting to clean up and secure the equipment. It is deeply appreciated.

Instant Gallery

Photos

(Photos by Paul Snyder and Sam Sampedro)



Wayne Petrini



Wayne Petrini



Paul Snyder



Wayne Petrini



Wayne Petrini



Wayne Petrini



Greg Yeager

Turnings by Kai Muenzer



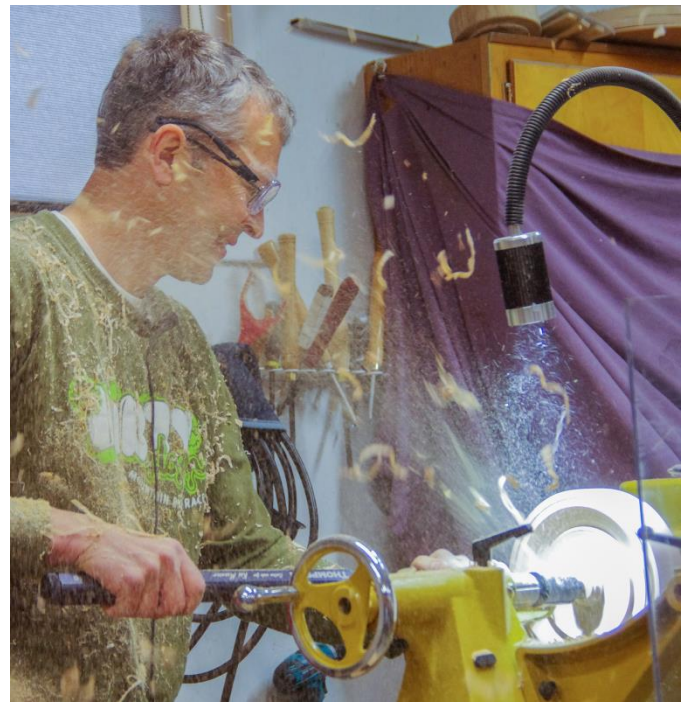


\

Kai Muenzer - A Story in Pictures



Discussing the Turned Cabinet with
Drawer



The hollowing in earnest



Using a **heavy duty square scraper** to
shaped the bottom and corner of the
cabinet (Note: The scraper did not have
a burr, but was sharp). Also note that
the center of the hollow form was left in
place for. SAFETY PURPOSES



After Laying out the dimensions and
starting to hollow the cabinet



The center of the hollow form was actually converted into a tennon so be mounted in the chuck for finishing the bottom of the cabinet.

screw that would be added in a later step.



The lines to be cut were scored with a sharp knife which allows minimum tearing and more accurate cutting with the saw.



Upon removing the cabin shell from the chuck, the pre-made drawer was carefully aligned so that the opening of the cabinet could be laid out.



A Japanese pull saw was used which allows more accurate control of the cut.



When the dimensions of the opening were marked, a center point of the wall was marked and drilled for the knob



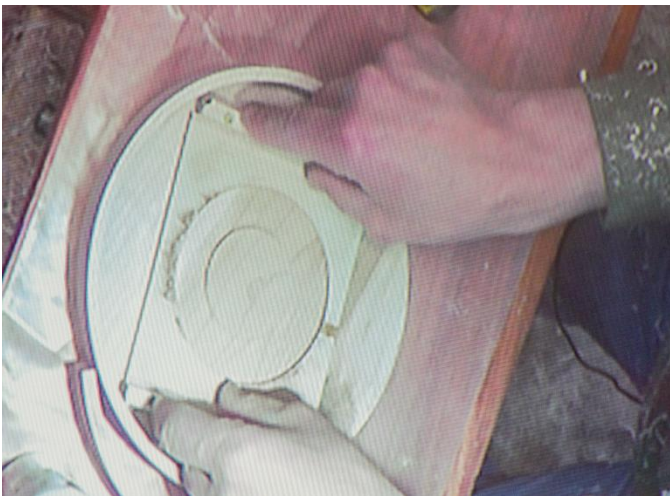
After the cuts were (almost made..the pieces were not removed for stability), the piece was reversed to the small interior tennon and the main tennon on the bottom was removed.

review and approve it before it can be disseminated.

Turning the Box with a Steeply Tilted Lid



Final cut was made on the drawer opening and that piece was then glued on the drawer.



The drawer glides were mounted on the cabinet.

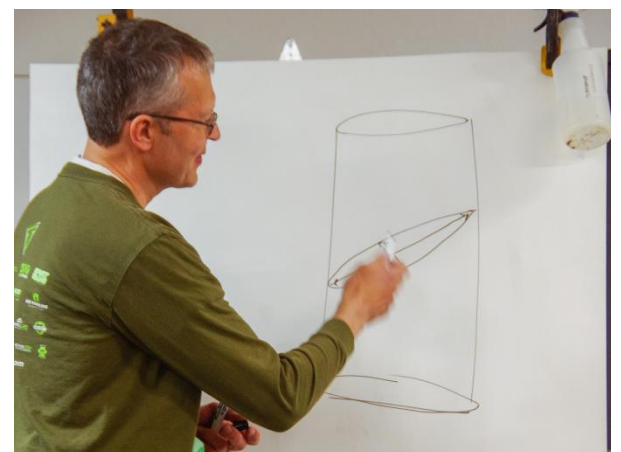


The drawer was installed. Then the bottom was turned and mounted.

Please Note: Kai has a handout that he will provide to us when the National AAW Symposium has been concluded. He created the handout and AAW must



Kai then switched gears and gave a demo on turning a box with a steeply tilted lid.



Using a chalk board, he discussed the lidded box and covered the use of multi axis points to achieve the tilt on the box.



He mounted the box blank, made the necessary measurements and turned the blank to the desired size and created a tenon on both ends.



If you will notice, he added a dark wood trim to the piece to contrast and enhance the top from the bottom.



He separated the top from the bottom and hollowed each piece. In doing so, he left enough 'meat' on the blank to accommodate turning the rejoined piece using the multi axis point.



Once the desired shaped was attained, he then sanded the piece for finishing.



When it was sanded to his standards, he then glued on a pre-turned finial to put on the finishing touch.

Great Falls Woodturners

Meetings/Demonstrations Schedule

May 19	Demo - Sam Sampedro
Jun 5	Meeting and Demo – Jay Eklund
Jun 16	Demo – ??????????????
July	No Club Meetings Scheduled
Aug 7	Club Elections and Demo - ??????????????
Aug 18	Demo (Possible Date for Club Picnic)
Sep 4	Meeting and Demo – Terry Hill
Sep 15	Demo – Tom Krajacich
Oct 2	Meeting and Demo – Jay Eklund
Oct 20	Demo – Paul Carlson
Nov 6	Meeting and Demo – Chuck Kuether
Nov 17	Demo – Roger Wayman
Dec 4	Meeting and Demo - ??????????????
Dec 15	Demo - ??????????????

Please Note: Tuesday Meetings start at 6:30 PM, Saturday Meetings start at 12:30 PM

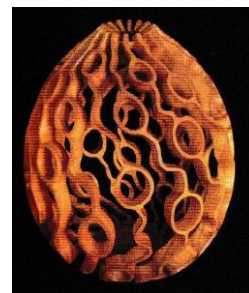
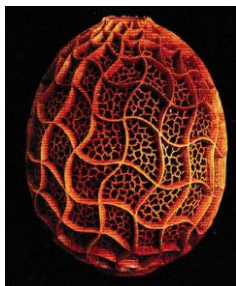
Director's Meeting Schedule

May 16 th	6:30 PM
June 20 th	6:30 PM

The Chinook Woodturning Guild of Lethbridge presents:

J. Paul Fennell

WOOD ARTIST



Saturday 19 May 2018

J. Paul Fennell hollows and carves wood to create
forms inspired by nature

Demonstration

Saturday 19 May 2018 9 am – 4 pm

Registration: \$60 (Students \$40) includes lunch

**Location: Casa Building 230 8th St. South
Lethbridge, AB, T1J 5H2, Canada**

To pre-register contact:

Dan Michener 403-331-9177 (michenerdan@gmail.com)

André Laroche 403-393-5337 (gplaroche@telus.net)

(Registration will also be accepted at the door)

Workshop

Sunday 20 May 9 am – 4 pm

Registration for Paul's full-day hands-on workshop is \$200.

Space is limited so please contact Dan Michener or André Laroche, as above,
if you would like to attend the workshop

Do not miss this opportunity to learn from and be inspired by one
of the great artists of our time.

High Build-Up, Finish-Drying Tool

This is a drying device that I made, copying one that Jan Panek had made. The device allows thick finishes to dry evenly. With the piece attached to a chuck, apply one thick coat of finish and turn the machine on. It rotates at 10 rpm and will keep the finish from running. The pieces I've finished on this device have a thick, deep finish and look as if I have applied twenty-five coats.

Parts needed:

- Slow-speed motor (I use a barbecue rotisserie motor)
- Chuck
- One large bolt with a 1" (25mm) × 8tpi and nut to fit your chuck
- Two 1" (25mm) bearings
- Two brackets
- A 3/8" (10mm) bolt, with the end squared to fit the motor

Drill into the end of the 1" (25mm) bolt so that the 3/8" (10mm) bolt sets 3/4" (19mm) into it. Drill and tap the inside of the 1" (25mm) bolt to hold the 3/8" (10mm) bolt with a setscrew. Loosen the setscrew when applying finish. The 1" (25mm) nut, which is also drilled and tapped, serves as a stop for the chuck. Lou DeMola, Clifton Park, NY

