

Woodworkers Guild

of

Southwestern Michigan February 2013

Next Meeting

February 12, 2013 7:00pm

Location

**Al Collison's Shop at
10292 Douglas Ave.**

Take Douglas North to Cooper, it is 2 ½ miles North of Cooper, on the right (East) side. Or you can take 131 to D Ave East to Douglas and turn left, (North). Al will have an orange cone and flashing light out to get your attention.

The February meeting will be a hands-on activity night. Each attendee will have the opportunity to construct a finger jointed gift/recipe/CD box just in time for Valentine's Day. About a half dozen members volunteered to meet at Al's shop a week early to design the build process. Those volunteers will assist at the build stations to help streamline the process. Al's shop will be open at 5:30pm so early birds can get a head start on the build. As an added bonus a small message can be laser engraved inside the lid.



The January meeting had thirty four members and a couple of guests in attendance. There were numerous projects presented during show and tell. I apologize now for any that I have missed as we had many great presentations.

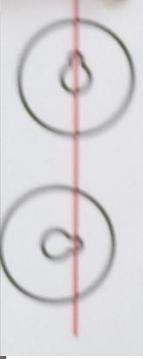
Dean Beghul presented a three piece intarsia cross. The cross itself is from Peruvian walnut, a dove from aspen and a heart of African blood wood (Acacia), the same material used to build the Arc of the Covenant.

Tom Metzler brought in a rocking chair that he built for this great nephew. The chair is constructed from air dried cherry and features carved paws on the chair arms. There was not a single square surface which complicated construction and assembly.

Ben Overbeek brought photos of a makeup vanity that he built for his fiancée. It was constructed from rough sawn white oak and features a slide out necklace drawer. A most unique and impressive feature is a mirror mounted on drawer slides so that the mirror can be lowered into a pocket in the back of the vanity.

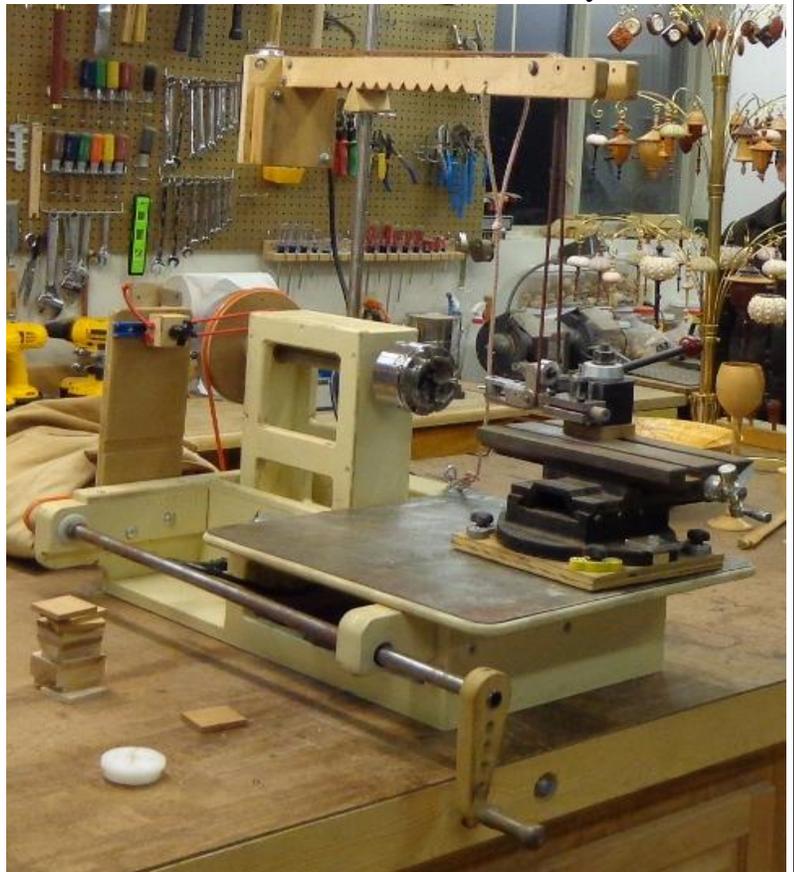
Art Wurfel brought in a Dreidel top that he made. It is a four sided top traditionally used during Hanukkah to play a game. Getting the angle and weight right for proper spin requires more engineering than meets the eye.

Neal Ferguson presented a wall mounted escutcheon for a coat hook. He developed a mounting system using two fender washers with key slots opposed to each other by 90°.



From top left: Dean's intarsia cross, Tom's rocking chair, Ben's fiancé's vanity, Neal's wall mount escutcheon and Art's Dreidel top.

The feature presenter was George Armstrong. George is an active member of the West Michigan Woodturners. The turners meet 2nd Saturday of each month at Portage Northern High school in the wood shop behind the igloo basket ball dome . Al's work bench was adorned with many of George's creations and craftsmanship. Included was a display tree of turned ornaments that featured nickel sized clocks, miniature birdhouse, kaleidoscope, and bowls. In the midst of this was a most curious machine, described by many present as a Rube Goldberg contraption. This contraption is known as a rose engine lathe and its origins date back to the 1700's. In the 1700's most anything mechanical was referred to as an "engine". George built this lathe himself from a few specialized components and a MDF frame. Many designs plans available on the internet. Pictures best describe how this machine works as it would take many thousand words to describe.



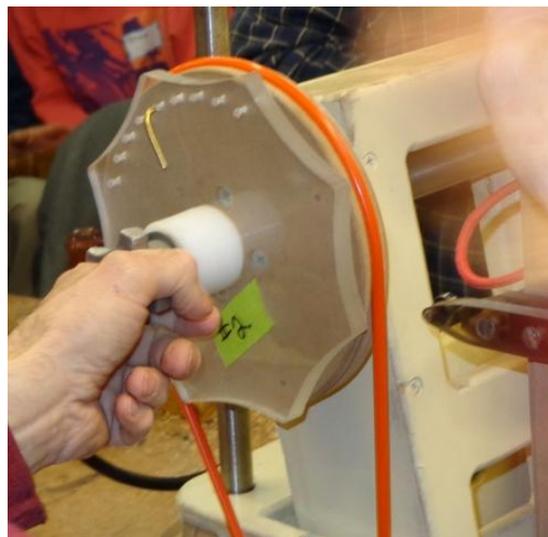
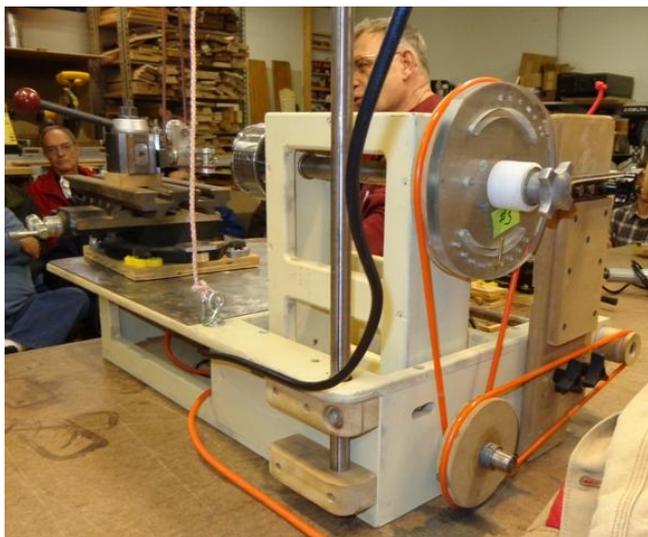


A spinning cutter is brought into contact with a work piece mounted in the head stock. Note the cutter



itself is an old tap with a 60° cutting profile ground on one end.

The head stock is turned via hand crank and can pivot about 20° each side of the vertical axis. A series of flex tubing is used as a drive belt for the head stock and cutter. The head pivot is dictated by cams. Any number of cams can provide unlimited cutting profiles. In the right hand photo below George is changing a cam. Notice how the head stock frame is pivoted to one side.



Below the cutter has been repositioned to cut the side profile. Bill Crown provides crank power to rotate the head/cam as George and others observe.



Guild Officers

President - Bill Crown	375-1594
Vice President - Al Collison	685-8428
Treasurer - Herb Joynt	544-7264
Newsletter Ed. - Scott McDavid	544-2177
Secretary - Dennis Regan	372-0354

Woodworkers Guild of S.W. Michigan

7572 S. 10th St

Kalamazoo MI 49009

Douglas & Son Inc.

**Everyone's
Favorite
Paint & Wallpaper
Store.**

**231 West Cedar St.
Kalamazoo MI 49007
(269) 344- 2860**

J&J

Paint & Glass
*Steve Klok Scott Miracle
Everything in Glass*

**509 East Vine St.
Kalamazoo MI 49001**

**Ph 269-344-2834
Fax 269-344-0378**

Serving SW MI since 1954

**Andy Jean's
Sawmill
7616 W. Main
Oshtemo, MI**

**Home 269-375-5021
Cell 269-808-6230**

**Hardwood and Softwood
Professional Milling and
Kiln Drying**

WOODCRAFT

**4265 28th St. SE
Grand Rapids, MI
616-957-9663**

woodcraftmich550@sbcglobal.net

Directions

*New Hwy 6 E. off 131 to
M-37, N. to 28th St., Right
on 28th, One mile from
M-37 North*

*Just East of Paris Ave.
Next to Design Quest on
your left.*

Gary Foote, Owner

THE HERITAGE COMPANY

*Architectural Salvage
and Supply Buy and
Sell old woodwork,
doors windows and all
other old house parts.*

**Open Wed – Sat 11-5
269-385-1004
150N. Edwards
Kalamazoo, MI 49007**

S E L E C T MILLWORK COMPANY

**BILL ADAMS
PRESIDENT
960**

**INDUSTRIAL
PARKWAY
PLAINWELL MI
49080**

PH 269-685 2646