



**SUNFLOWER WOODWORKERS' GUILD**

*Established 1991*

**THE KNOT HOLE**

**"building of woodworking skills thru the sharing of knowledge"**

THE NEXT MEETING **Tuesday, October 26** AT  
**Downtown Senior Services Center**  
 200 South Walnut

**VOLUME 19**

**ISSUE 10**

**Social Gathering @ 6:30 PM**  
**Meeting Starts @ 7:00 PM**

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**This Month's Meeting**

Burt Unruh will be presenting Finally Finished

**From The President's Corner –**

Thank you Mr. John Rhoades!! John volunteered and took over the set up and manning of the Guild's part of THE BIG TOOL STORE's fall sale event. Wow did he ever do a good job. We had everything from a demonstration of the process of building a child's stepstool/chair to completed furniture. The main event was one of our members making dovetail joints real time. More than a few of the members manned the booth for a while. There were lots of people that stopped by the booth for a look, John said that he expected several to come to the next meeting and maybe join up. It was a very good day.

Several weeks ago I contacted Cheryl Warne at the Salvation Army on the lead in the toys issue. She said that she would contact the organization's lawyer and get back with me. The lawyer told Cheryl that the Salvation Army expected no problems with the toys or their distribution. Gary Robertson said that we should get some professional advice from our local lawmaker himself Mr. Pat Roberts. I therefore contacted Mel Thompson at Mr. Roberts' office who was very interested in keeping our toy projects going. He requested a letter containing our involvement with the toy program. The letter was duly written and sent to Roberts' office. Mel that said that he would expedite things for us.

Keep making sawdust.

**Sunflower WWG meeting minutes  
 September 2010**

Meeting Notes from September

Guests: Ron Page, Max King  
 Toy Project Report: We need help with completion!! President Ray Smith presented and discussed the idea of a committee to study the subject of 'the finish' for toys. Suggested members were as follows:

Dan Carlisle, Mike Hutton, Royce Wallace (our unofficial--official legal advice), John Belt, Bill DeGarmo, Ray Smith, Larry Frank. It was also noted that a change and/or amendment to our bylaws may be necessary regarding lead containing or other toxic finishes.

NOTE: October 16 th at the BIG TOOL STORE--our TOY DISPLAY and a professional and expert cabinet maker demonstrating hand cut joints.

Guild Benefit: Burt Unruh will officially open his shop to guild members on Saturday from 9-12 Noon for "Basic Woodworking Skills" and from 1-4PM for real use working on individual projects. His address is 5608 N Delaware, telephone during day 655-4151. Burt had pre printed directions ----very nice to offer and well organized.

SHOW and TELL:

Bill Tumbleson--45 degree angle jig for Box splines, jig for making boxes; a neat box bottom measurer to assure proper fit!!! disc sander adapter



Lou Ortega--various wood samples from South America; home made recipe for coating table and other saws to prevent rust and help things slide!!! 1 part Murphy's Oil soap--used in wood furniture cleaning 1 part boiled Linseed Oil 1 part solid floor wax---any kind

Lou also wanted to thank Bill Degarmo and others who helped made trains for the Isley School Carnival to raise money.

Royce Wallace--demonstrated a very nicely turned 'vase' from spalted hackberry and commented on the used of partially decaying and fungus infested wood--looked really pretty!!

Robert Johnstone--demonstrated a small box with small or box joints from a jig made to the width of your saw blade!!!



John Saranko---brought another beautiful piece of intarsia work



Ricky Powell---brought some interesting 'bargains' from garage sales: old rabbit plane, long wooded hand plane

PRESENTATION and PROGRAM: Mike Hutton TORSION BOXES

What is a torsion box???, uses, construction, engineering principles for increasing strength, stiffness and applications. Examples: hollow core doors, airplane wing, 'honey comb' panels, 'dead flat' work tables. Mike brought many examples of such panels used in the aircraft industry, cabinets, construction, etc.

Benefits: strong, light weight, flat

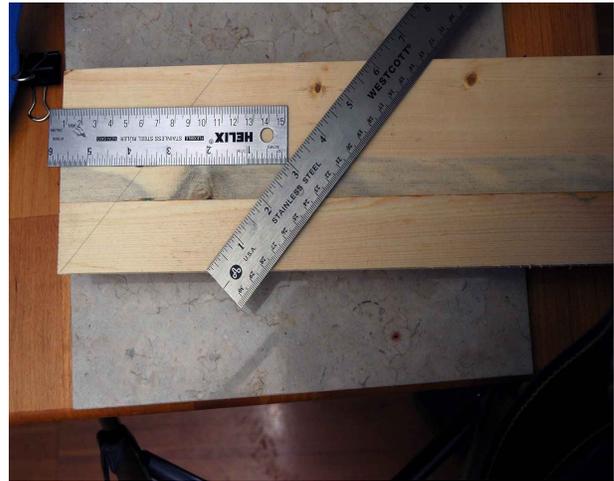
Construction hints: the 'skin' bears the load--so can dramatically increase strength with thicker skin!!! and minimal weight gain!!!

THIS WAS A GREAT PRESENTATION, seemed complicated but Mike made it easy to understand the principles and relative ease of construction and applications.

## Dividing something with parallel sides

Like a board

After we have ripped a board or have some confidence that its two long sides are parallel and we want to find the center of it we can take a scale/ruler/ (some item with uniform units on it) and place it across the board aligning two marks with the edge. Here I used a scale at 6 inches because the board is wider than 4 and I wanted even numbers 0 and 6. If you mark the 3 inch position and then reposition the scale somewhere else aligning the 0 and 6 with the edges and again marking the 3 a line drawn between the 3" positions



will be the center line. In a situation where you would like to divide the board into several equal but odd numbered segments such as nine you can just change the scale to be positioned on the zero and nine. You might want an odd number of segments so that your outside dovetail or box pins are the same width at top and bottom of the board or to visualize how it would look with contrasting spacers inserted for a pattern. Here we show the first layoff of the unit markers.



As long as you have the zero and 9 on the edge the angle of the scale will be correct and in our final picture I have reversed the scale and connected the unit marks to illustrate this point although the scale could have been placed parallel to the first 0-9 layout.



Remember these are just the centers of the segment saw lines, when you actually remove / separate them you will need to split the curf or making pins for box joints be sure your curf is contained inside the even segment's boundary lines. Oh by the way I don't know how wide this board is only that it is parallel sided since I am drawing between the created points the square-ness of the ends does not affect or effect their accuracy.

Hope this helps somebody.  
R. Johnstone

## Big Thank You for the Big Tool Store Event

We are always grateful to Dennis Laird and his crew at the Big Tool Store as they welcome us and help get everything set up. Dennis has always been most gracious in letting the Guild exhibit our toys and put on demonstrations. And the hot dogs are good too. Jack Bomgartner did a great job at keeping everyone's attention as he hand cut and fitted dovetail joints all day long. David Fowler contributed an 1890 woodworkers bench that drew many comments. Slim Gieser and John Rhoads did toting and haling. Thanks to Les Hastings for the tent.

A special thank you to those of you who brought projects that you have built: Ray Smith for the table, Bill DeGarmo for the step-by-step process for making the stepstool, John Siranko for the show stopping clock, Bill Tumbleson for his gigs and fixtures,

C.E. Holden for his found wood furniture, Bill Patton for the jig-saw puzzle rocking chair, Les Hastings hand-made hand tools and Mike Hutton for his inlay work.

The members listed below came, watched, handed out our Guild business card and talked to people about the Guild: Tom Foster, Larry Frank, Dennis Fry, Rick Hester, Robert Johnstone, John Kiser, Gary Robinson and Royce Wallace.

It was a beautiful day and a great event.



Slim and John putting up sign



Les with his hand made tools



Mike and John's work



Mike and Jack  
**Tool Auction**

The Kansas City Woodworkers' Guild and Kansas City Woodturners Club will be holding their annual fundraiser auction November 6, 2010. This auction will support the efforts of both organizations in advancing the education of woodworkers within our community. Our well-

equipped shops allow us to make sawdust at meetings, not just talk!

More details at

<http://www.kcwwg.com/Auction.htm>

## Progress on the Cradle Project

The group spent the first Saturday session selecting the best pieces of wood to emphasize grain patterns for each of the components and beginning to cut the rough sizes. We also glued up panels for the ends of the cradle baskets. The second session was devoted to milling all of the stock to the correct dimension and cutting the various parts to final dimensions.



Kenny Hill face jointing



Full size patterns



David making routing pattern

Toys are being built, but we need many more. Here are pictures of over 100 lined up ready for finishing in John Belt's shop.



## Classified Ads

Note: Members are encouraged to use the Knothole to list any items you may have for sale to other guild members.

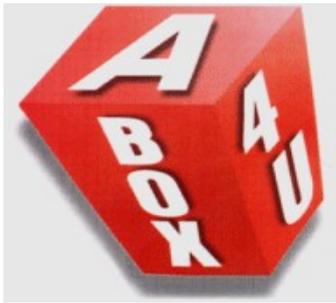
Parts storage units. Three sizes/styles. One is 16 inches deep by approximately 13 inches wide with six drawers. \$25 for this style (4 available). The second is 13x13 with six drawers. \$20 each for this style (2 available). The third style is 13x13 inches and has five pull out shelves with the small boxes for small parts. \$25 for this style (2 available). Jerry Keen 722-2735 or [jmkeen118@gmail.com](mailto:jmkeen118@gmail.com)



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Wichita Kansas President Walt Kuykendall <a href="mailto:wkuykendall@msn.com">wkuykendall@msn.com</a> Meeting: 2 <sup>nd</sup> Tuesday of each month, dinner at 6:00, meeting 7:00 at the Hometown Buffet, 6820 W. Central. <a href="mailto:sjclarke@juno.com">sjclarke@juno.com</a>

## SPONSORS

The Sunflower Woodworkers' Guild of Wichita Kansas publishes the Knot Hole newsletter monthly. Deadline for articles and information is the 2<sup>nd</sup> Monday of each month. Mailing date is the 3<sup>rd</sup> week of each month. Permission to reprint original material is granted to other woodworking groups, providing proper credit is given. *Articles attributed to publications other than the Knot Hole Newsletter should be used only with permission from that particular publication.* Send articles, photos and information to: Jerry Keen  
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Sunflower Woodworkers Guild membership is voluntary. Our paid dues list are consolidated after the June meeting, eliminating from that list all those who have not paid their '10 dues. This list determines who gets the Knothole. New and previous members will need to submit new applications when joining.

Newsletter of the Sunflower Woodworkers Guild  
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