

# Cedar Valley Woodworkers

Cedar Valley Woodworkers Association

Volume XVI Issue XI

November 2015

## Sawdust Sentinel Sawdust Sentinel

By Bob Hewlitt

### Presidents Corner

Nov 2015



combines strength, flexibility, and resists heat build up. You can fold the premium paper and the coating won't come off.

Top quality sandpaper is worth every penny it costs. The top brands all make a premium line. 3M makes Sandblaster, Norton makes ProSand and Mirka makes GoldFlex.

They all cost a bit more but they last much longer than the cheap paper. There are 4 areas of importance in the making of sandpaper, The backing paper, the adhesive, the abrasive material, and the stearate coating.

#### Abrasive

There are 3 main types of abrasive-aluminum oxide, silicon carbide, and zirconia alumina. For wood, aluminum oxide is considered the best. Aluminum oxide grains are hard, sharp and friable, that is they fracture and expose new sharp edges. However not all aluminum oxides are equal. The cheap aluminum oxide breaks down faster and comes off the paper. The premium Norton brand uses a white aluminum oxide that is heat treated causing the alumina molecules to fuse together. This makes the grit last longer. The cheaper grit used to be brown instead of white but the companies now paint the cheap grit white to look like the good stuff.

So look for tough backing paper, wet or dry sanding paper and stick to the premium brands from 3M, Norton or Mirka. You can get 3M from any box store. Norton is available from Grainger or Airgas. Mirka is available only on line.

#### Backing paper

Cheap sandpaper uses kraft paper. It tears easily, cracks when bent and gets weak when wet.

Premium paper uses a stronger paper that is reinforced with fiber and latex. The paper is more flexible, doesn't tear, won't slip of the sanding block.

#### Adhesive

The next component is the bond that holds the abrasive material to the paper. This is applied in three steps. The first layer of the adhesive is the make coat which is applied to the paper. Then the abrasive material is spread on. The third layer is another coating of adhesive to anchor the abrasive in place. The cheapest paper uses animal glue which gets soft with heat from sanding. It also cracks when you fold the paper and the abrasive breaks off. We have all seen this. The premium paper uses a resin mixture that

**Bob**

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**For Sale**  
Dayton Blower: Grainger Model #3c539A  
GE. 5h.p. motor /230v.  
12 1/4" squirrel cage fan  
**Details contact:**  
Dave Dreyer at 319-240-8058  
Email: [daved@wilsonsr.com](mailto:daved@wilsonsr.com)

Contact Jeff at e-mail address below  
All reasonable offers considered  
[jeffnholly@iowatelecom.net](mailto:jeffnholly@iowatelecom.net)>

Rough cut lumber 4/4 & 8/4 Birch Walnut and Mystery wood just for Halloween. \$2.00/ bd/ft  
Come one come all Dave Turners House call 319-240-9977



### The Oak Bulletin Board

CVWA's next Club meeting will be November 10 at 6:30PM at the Waterloo Center for the Arts 220 Commercial ST in the town hall room

The next Executive Board meeting will be Tuesday November 17, 2015 at 7:00 PM at Dave Turners home 430 Prospect Waterloo

Corridor Wood turners meeting Thursday November 12, 2015. Nehl's Shop 1008 Rolling Glen Drive Marion, Iowa

### Members

It is not too early to start thinking about making toys for the **Salvation Army** to distribute at **Christmas**

## CVWA-Minutes of Club Meeting

### Oct .13,2015

The Cedar Valley Woodworkers Assoc. Club met Tuesday evening at 6:30PM on Oct, 13, 2015 at the Waterloo Center for the Arts.

Members present were fifty, including guest. Members that brought treats, ; Harold Morrow, Bill Neal, Hank Morris, and Dennis Gilroy. Reed Craft reported on a very, very successful response at this year's Cattle Congress our members bought 47 wood projects for display in six categories –including an extensive display of domestic and exotic wood species and several types of wood joints. Several business cards from the Club were picked up and questions fielded inquiring about our Club Assoc. President of the Cattle Congress was very happy with our participation, as well. Jim Waring gave an updated report on the health condition of Sid Sidler. He is progressing with continued improvement and has been moved to New Aldaya for continued convalescing and therapy. Dave Turner, with Wanda Bailey's input, reported on how Paul Bailey is progressing with his radiation treatment at 2/3<sup>rd</sup> of the way through – ending on Oct 28 and then home from Rochester, MN. And Dick Buchanan had back surgery and is recuperating.

Show-n-Tell, Gene Knief showed a bird house with the face of a bear on front and painted by his son-in-law. New member, Joel Brummer brought 2 items; one was a cross containing three woods, walnut, paduck and a "mystery wood". Second project was a 100pc eagle intarsia – containing, walnut, padauk and birch, along with 3-coats of "poly" finish. The pattern for the intarsia came from Pat Vollbrecht's items that were given to the Club earlier in the spring. Bob Jefferson brought a jewelry box made using spalted maple that was destined to be burned as a fireplace log. Jerry Krug showed his 3-D Barn Quilt made using, cherry, walnut and maple with spar Varethane finish. Bob Anderson brought a bucket end-loader . With trailer and hitch with "detailed" handmade safety chains that also, had a "floating" axle assembly. Dan Grimes made a prototype rotating webbed cage that can be used for the Club's raffle ticket tool drawings.

At the same time, past president Dan Grimes, indicated that he would be leaving our Club at the end of October heading back to his home state of Ohio, near Columbus. He has been with the Club for 5 years as an architectural engineer by profession and a consummate wood craftsman. Upon "arriving in Iowa", Dan asked at the Woodsmith Store in Des Moines if there was a Wood Club in the Waterloo/

Cedar Falls area. They directed him to Pat Vollbrecht –We are grateful beneficiaries of having him join our Club! We will miss his direction and input as past president, and his "Show-n-Tell" projects. A big, thanks, goes to Terry Duckworth for letting Dan use Terry's workshops too! As Dan said, "This is an excellent Club -". We wish Dan much success at his new job and know he will enjoy being much closer to his family and grandchild, and rekindling his friendships back home!

Raffle ticket prize went to Joel Brummer, choosing the Irwin clamps while Steve Robb chose the sanding block for the second drawing.

The Program speakers for the Oct Club meet were our own , Barb Gurney and Garylee Thurm. They both spoke about scrollsawing. Barb showed a small puzzle box with black colored resin, tree ornaments that she makes every year for grandchildren –using yellow and purple heart wood. Making compound cuts on square block of wood, she will glue up a pattern "on each side" of the block. When making birds (beaks, I believe), she'll use pen blanks. Making flowers on the box requires compound cuts. Trivets using Corian\* cuts differently. It heats up and then wants to "jump up" away from the table when cutting. When attaching patterns, Barb used to use blue-painters tape, but has since switched to double-sided tape pattern –it comes off easier (releases).

Garylee Thurm does lots of fret work and went on to explain the types of saw blades that he likes to use. Regarding saw blades, Garylee says a "skip-tooth" blade may leave "fuzzies", but they can be removed using 80grit sandpaper on the backside, or lightly pass a torch over the backside of the project. He uses spray adhesive (3M example) to attach his patterns. Removing the pattern is accomplished with hairdryer or heat gun. . . Cherry wood burns very easily; however, if you cover the project with tape first then make your cuts, the tape acts like as lubricate and not allow burning. With bevel-cutting, there is no exact formula for the correct angle to use –make sample cuts. And when finishing your project, he may use up to 600 grit sandpaper. He uses 2 coats of shellac on some. On oak wood he will use Varethane\* because it is thin using paper towels and wipe off. On walnut he uses Old Masters.

Also, mentioned was our speaker for the Club's November meeting. That will be Mr. Steve Russell from Independence. He is a wood carver and will be talking about his carving projects, explaining details, etc.

A reminder, too, that Nov. is our required annual Business Meeting (very briefly) –because we are a non-profit organization (501c-3). We need vote on old and new business per rules. Also, come with your candidate-of-choice/ suggestion to be our next president and 1<sup>st</sup> V.P. Please

consider helping the Club continue to move forward. Lots of ideas are in the pipeline, already for 2016!

And, the Salvation Army will be at the meeting, as we present the toys that will be handed out at the Salvation Army's Christmas Giveaway in December.

**Respectfully submitted in the absence of Mark Jansen, Secretary,**

**Dave Turner**

Turner and wanted to donate several hundred board feet of lumber to be used in the making of wood projects or to sell the lumber with the money to be used for Club purposes

**Respectively submitted in Mark Jansen's absence by, Dave Turner**

## **Cedar Valley Woodworkers Treasurers Report October 18, 2015**

### **CVWA-Minutes of Board Meet**

**Oct.20, 2015**

Minutes of the Cedar Valley Woodworkers Assoc. met at Dave Turner's home on Oct. 20, 2015.at 7:00PM. Members present were; Wanda Bailey, Keith Bailey Bob Hewlitt, Terry Duckworth, Reed Craft, Dave Turner, and Gene Knief. In reviewing the Treasurer's report, Dave Turner mentioned the bill for the tools purchased had not yet been charged to his acct. Dave will follow up, with Woodcraft to see if the bill from Woodcraft has cleared and if a balance remains, a duplicate order of some of the tools came at a later date. Insurance Liability Policy was presented to Bob Hewlitt for his perusing and filed with President. Reed Craft suggested the need to refresh the tool supply in the cabinet to be used for the Club's monthly tool raffle drawings, and to switch out some tools that would then be used for the Christmas drawings. Listing of upcoming programs for the 2016 calendar was presented by Bob Hewlitt. Bob Hewlitt donated two more drawer slides to the Club with the proceeds of the sale going to the Club. Steve Russell, from Independence, IA, will be the Nov. Program speaker -featuring woodcarving. Dave Turner will write a Thank you letter to both, Barb Gurney and Garylee Thurm for their scrollsaw program at the Oct. Club meeting. Reed Craft will submit an article to the Courier's Community Briefs announcing the upcoming Nov. program. . Dave Turner will check into the availability of grant money from one of the Community Foundations to be used for one of the Club's many service projects, purchasing wood and supplies, etc. Dennis Gilroy was approached to see about the use of the Bible Conference Center in Cedar Falls. In Dennis's absence, Wanda Bailey will follow up. Gene Knief suggested that we keep extra copies of roster listing sign-up sheets in the Club's workbench cabinet. Gary Kloberdanz donated the monetary winnings from his first and second place at the Cattle Congress in Sept. Dave Turner was contacted by Merri Harris from rural Sumner, IA indicating the desire to donate old barn boards to be used for wood projects or to be sold and monetary proceeds would be used by the Club. Daryl Sullivan contacted Dave

<b>Beginning Balance</b>	<b>1084.86</b>
<b>Income:</b>	
<b>Raffle</b>	<b>75.00</b>
<b>Ending Balance</b>	<b>1159.86</b>
<b>Office Fund</b>	<b>1067.15</b>
<b>Tool Fund</b>	<b>92.71</b>
<b>Upcoming Expenses</b>	
<b>Christmas – Dec Tool fund +</b>	<b>499.00</b>
<b>Grand Prize</b>	<b>100.00</b>

**Respectfully Submitted**

**Paul Bailey**

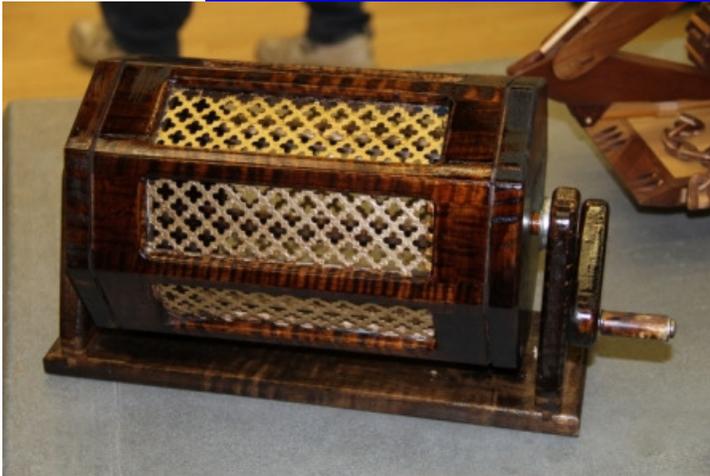
**Treasurer**

**Show and Tell**

Excavator with hand made hold down chains by Bob Anderson



# Show and Tell



**Top Left:** Rotating cage for raffle drawings by Dan Grimes

**Top Right:** Bird House with bear face by Gene Knief

**Center:** Jewelry Box by Bob Jefferson

**Lower Left:** Intarsia Eagle by Joel Brummer

**Lower Right** 3-D Barn quilt by Jerry Krug

**Bottom Row:** Garylee Thurm and Barb Gurney this months presenters



List of Mentors for Club Members. I believe the mentor's time is free, but the person being mentored is expected to cover any material costs.

Canoe/Kayak construction, Chip Schmidt, 277-8504, cschmidt@cfu.net

Detailed Toys, Bob Anderson, 239-7763, wtoys@yahoo.com

Jack of all trades (enjoys a Challenge), Hank Morris, 277-0692, hankannam@gmail.com

Has the Ability to figure MOST problems out—Dick Buchanan, 277-2477, rbuchanan@cfu.net

Fretwork, Garylee Thurm, 279-3219, flytying4u@hotmail.com

Wood Carving, Sid Sidler, 233-1396, sidsstudio@aol.com

Furniture and Cabinet Building, Jerry Krug, 475-2391, jandjkrug@gmail.com

Equipment Maintenance and Repair, Bob Colby, 319-268-0883

### Classes and Services for Pay by Fellow Club Members

***Sharpening Stone Sales Gary Lee Thurm 319-231-4577***

***Larry Miller 319-239-4059 Sharpening Service***

***Carl Leavell 319-233-4491 Sharpening Service***

### NEW PATTERN TEMPLATE LIBRARY

Your executive board has developed a new loaner program that might be of interest to each of you. Though the contribution of several different individuals the following full size templates are available for check-out by club members:

Nativity sets: Rocking horse: Two different doll cradles  
 Mission Wall Clock #49586. Size-21 1/8" H X 14 1/2" W X 6 1/4" D  
 Mission Mantel Clock #49584. Size 16 5/8" H X 12 3/4" H X 5 3/4" D  
 Mirrored Mantel Clock #49606. Size 16" H X 10" W X 7" D  
 Atkins Mantel Clock #49643. Size 34" H X 12" W X 6 7/8" D  
 Carrington Mantel Clock # 49673. Size 12 1/4" H X 9 1/2" W X 5" D  
 Bedford II Mantel Clock #49004. Size 10 1/2" H X 18" W X 7 3/8" D  
 Key Cabinet Wall Clock # 49028. Size 14 1/2" H X 10" W X 4 1/2" D  
 Dearborn Regulator Wall Clock #49604. Size 18 1/8" H X 11 3/8" W X 4 1/2" D  
 Mirror & Coat Rack #49199. Size 48 3/4" H X 26 1/4" W X 8" D  
 Colonial Desk #435. 48" Wide- 8 drawers  
 Assorted Bird Houses

Should any of you have a pattern template set that your willing to share, call a board member

