



Cedar Valley Woodworkers

Cedar Valley Woodworkers Association

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Dovetail Express

Dovetail Express By Pat Vollbrecht



HELP NEEDED

At the board's executive meeting last month, we discussed areas that we thought you would like to see as demonstrations at our club meetings. The key we felt was to have something different yet interesting for all that attends. Each of us has attempted different woodworking skills. Some of which you have become pretty darn good at. However, without you stepping forward and volunteering your expertise to one of the board members, we really do not have a clue as to what your really good at. Would you PLEASE consider sharing that special skill you have with the other club members? Your organization is only as good as the people we have in it. We'll work with you to develop your skill into something that will benefit everyone. See page xx for the list of current mentors.

One of the demonstrations we are considering presenting is one in which all of you might want to consider doing in your own shops. All of you have at least on router in your shop. The following article was published by Art Betterley. He has developed several different specialty router attachments. Many of which are designed to work with the solid surface counter top industry. The one I'm featuring this month is the process for cutting inlays. At the May demonstration Dick Buchanan will be doing router carving and I will present a demo in doing inlays.

Cutting Inlays by Art Betterley

Inlays in plastic laminates are becoming increasingly popular as architects and designers recognize the ability of fabricators to inlay different laminates and metallics, creating an atmosphere conducive to the theme of the establishment. (This also applies to cutting inlays in wood, using different species of wood to create a contrast).

Cutting inlays in plastic laminate (wood) is a very simple process done with a router, template guide and a 1/8" bit.

Upon determining the inlay you want to install on any type of surface material, you must make a template. If you have a drawing or logo you want to copy, the shape may be increased or decreased by the use of a pantograph or a project-a-scope.

A project-a-scope is a low cost image unit (I have one you can borrow) that can be purchased at most art stores. Place your design on a table and fasten a piece of 1/4 tempered hardboard, with white paper attached to it, on the wall. By moving the project-a-scope forward or back, you can increase or decrease the size of the image. Then just trace the pattern that is projected onto the paper on the wall.

With a pantograph, you place your drawing or logo beside the white paper, increasing or decreasing your pattern by the adjustment on the pantograph.

In making a template, it can either be an inside or outside template, or multiple templates where you have more than two colors with which to work.

In the case of an outside template, there can't be any corner or indentation smaller than 9/16" diameter or 9/32" radius. An outside template must be 7/16" larger than the actual inlay you want; for instance a 10" circle would have to be 10 7/16" template.

I like making a template oversize so I can cut out the template with a saber saw and then reduce it to the size I want by using a 3/4" or 1" template guide on the bottom of my router and going around the template, making a smaller actual size template on another piece of hardboard. The saber saw leaves small irregularities and the large template guide will even out and eliminate a lot of handwork on the template.

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For Sale: Craftsman mini-lathe, 12 inches between the centers, 2.5" over the tool rest. \$135
Don Anderson (319) 277-0633

Events of possible interest: Sawmill Auction in Tipton, Stan Kittleson, Roger Kittleson's brother. Sat May 3rd, 10am. See: <http://www.stenzelauction.com/5.3.08.html> for more details.

The Oak Bulletin Board

Scroll saw club meeting Thursday April 24th 6:30 pm at Art Mehman's shop. His shop is at 1205 Fairview Avenue, Plainfield, Iowa. Ph. (319) 276-3032.

Remember:

SAFETY FIRST!!! in the shop.

The next Executive Board meeting will be Wednesday April 19th at 7:00pm. At Pat Vollbrecht's home. 622 Campbell Ave, Waterloo.

The regular CVWA Meeting at the Waterloo Center

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In making a template with a lot of straight lines, place two pieces of hardboard face to face and, by gluing straight pieces of hardboard with a hotmelt glue gun to the top piece, you can cut the bottom piece very easily by riding the shank of your router bit against the hardboard strips. You can cut both pieces of 1/4" tempered hardboard at one time using the bottom piece of hardboard for the template. The template can be placed on the work either by clamps or, in the case of a large area, the template can be held in position with double faced tape. If you're using hardboard, the tape will not hold securely, so put down a coat of contact cement and let it dry. It will hold then.

The cutting of the inlay is accomplished by a recess and insert guide and a 1/8" carbide bit that is exactly 125 thousandths. If the bit is bought at random it could be anywhere from 120 to 130 thousandths, causing the inlay to be too tight or to loose.

The recess and insert guide consists of a two-piece template guide. The template guide has a 5/16" collar and a bushing with retaining spring inside to hold on a the small guide. You place your hardboard template on the object you want to inlay. Using the template with the bushing on it, run your router clockwise around the inside of the template, cutting



for the Arts. 225 Commercial Street, Waterloo, IA. Tuesday April 8th at 6:30pm. It will be turning demonstration by Greg Mitchell.

WEATHER CANCELLATION POLICY

If a meeting needs to be canceled due to weather, Pat will contact KWVL- TV and KXEL and KWLO radio. Pat will also send an e-mail to all members who have e-mail and the board will call those without email. If the Waterloo and Cedar Falls Schools are closing early, the wood club meeting will be canceled.

out your recess. Then place the hardboard temple on the other piece. Take the brass bushing off your router and again run the router clockwise, making your insert. You can place your router anywhere in making the recess and move to the template, BUT with the insert the router or guide MUST be placed very carefully against the template and lowered into the work. The insert may be placed in existing surfaces by cutting out the recess and then removing the piece using solvent or a heat gun. The insert can then be glued backed in. This method for inlays can be used for repairing areas of burns and damage of various sorts. Keep in mind that although you have a 9/32" radius in any corner of the template, your inlay will end up with a 1/16" radius. The recess and insert guide is only available (at least when this was written originally) to fit Stanley, Bosch, Rockwell and Porter Cable routers.

Editors note; At the Christmas party this past year, I brought a blanket chest that had eight different inlays on it. (Well actually 9, I messed up on one and had to put it on the inside of the case), but with a little practice, you can have extraordinary results to show off your skills. Give it a try and bring in your finished projects to the May meeting. I will attach a couple of links for you to acquire the bit and router bushing.

<http://www.woodcraft.com/family.aspx?familyid=1391>

<http://www.rockler.com/product.cfm?page=2007&filter=inlay%20bushing>

<http://www.hartvilletool.com/product/11208>

Show and Tell



Left: Cabinet by Kevin Bierman
Above: Saw blade storage by Jerry Krug
Above right: Grin and Grow rocking horse by Bob Hewlitt
Right: Bed by Rex Pershing



Left, Right and Below: Bowls to be donated to the Food Bank. Kevin Bierman, Jerry Krug, and Pat Vollbrecht



Tuning a Table Saw With Tom



Tom Bussey shows us how to tune up a table saw. Quote of the meeting “Common sense is not that common.”



Cedar Valley Woodworkers Association - March 11, 2008

Club Meeting Minutes

The March meeting was called to order by President Pat Vollbrecht at 6:30 p.m. at the Waterloo Art Center with seventy seven (77) present. **New members** for the this month are: Gary Gardiner, Chuck Bachman, Curt Wollin, James Wikle, Steve Lindaman and Glenn Johnson. President Pat Vollbrecht introduced John Padget with the North East Iowa Food Bank. John thanked the club for helping with the **Empty Bowl Fund Raiser** this year. Their goal is \$20,000.00. Bowls made for this event were made by club members- Jerry Krug, Pat Vollbrecht and Kevin Bierman. Total number of bowls donated were sixteen. Thanks guys! Martin Chin was presented with a **Certificate of Appreciation** by the club for doing the newsletter. We really appreciate the great job you do, Martin. President Pat mentioned the **Club Sponsors that give the club members discounts**. They are as follows: Sherwin Williams- The Fine Woodworkers Store, Cedar Rapids- Iowa Paint-Hartville Tools- The Woodsmith Store, Des Moines- Woodhaven, Durant- and Knight Tool Works. A **Mentoring Program** is being formed. Those already signed up are: Chip Schmidt- canoe / kayak construction -- Bob Anderson- detailed toys-- Hank Morris- Jack of all trades (he likes a challenge)-- Dick Buchanan- has the ability to figure most problems out- Pat Vollbrecht- intarsia--Garylee Thurm- fretwork. Anyone wanting to be apart of the mentoring leadership, talk to Pat V. We have talked alot about the best way to **advertize CVWA..** As Dick Buchanan says, " It's the best kept secret around". Chip Schmidt has made up a sheet for advertising for the club, to be placed in businesses about the club. If anyone wants to distribute them , please contact Chip. Bob Hewlitt and Dick Buchanan have been working with the Grin and Grow DayCare to help with a fund raiser. Spahn and Rose will donate the wood and Grin and Grow would like us to **build rocking horses** for the fund raiser. Contact Bob Hewlitt if you could help. The rocking horses are needed by July. Dick Buchanan is trying to complete the **club directory** with pictures. Please see Dick about having your picture and info in the new club directory as soon as possible. The **next tour** will be April 18, 2008, to Trappist's Caskets. If interested, contact Pat Vollbrecht. **Show and Tell** for March: Rex Pershing-

bed with drawers (pictures)- - Jerry Krug- saw blade cabinet--Kevin Bierman- three shelf cabinet. Keith Bock brought bags of rags for members to pick up. These are so useful for staining/ finishing. Thanks Keith!! The **tool raffle** went to John Mason, who chose a Menard's gift certificate and second place winner was Dave Snell, who won the lucky tape measure. The **Bessey Clamps raffle** went to February's new member, Jeff Coen. Good going, guys!!! Roger Kittleson mentioned to the club of an **upcoming auction**, May 3rd. at the Tipton Sawmill and Millworks -lots of lumber and tools. Contact Roger for more details. **Treats** for the evening were furnished by Ed Scott, Bob Hewlitt and Bob Colby. Bob Anderson made the coffee. Be sure to thank these guys for the goodies. Please contact Bob Anderson to bring refreshments to our club meetings. The next **board meeting** will be March 19, 2008 at Dick Buchanan's home. Volunteers for the board meeting this month will be Bob Lee and John Mohlis. April's demonstration program will be small lidded boxes by Greg Mitchell. Our presentation for this meeting was Tom Bussey on **Table Saw Tune-up**.

Respectfully Submitted- Wanda Bailey - Secretary

CVWA Board Meeting-March 19, 2008

The meeting was called to order at 7:00 p.m. at Dick Buchanan's home by President Pat Vollbrecht. Those present were : Bob Anderson, Pat Vollbrecht, Dick Buchanan, Paul Bailey, Dennis Gilroy, Bob Hewlitt, Jeanine Begalske, Martin Chin, Reed Craft, Wanda Bailey and guest for the night, Bob Lee. Paul Bailey gave the treasurer's report: Expenses for the month \$12.93 and income for the month was \$439.44 with an ending balance of \$2603.36. Status of demonstrations coming up in the future were discussed. April-Greg Mitchell from Des Moines (turned lidded boxes). May -Pat Vollbrecht (Inlay) and Dick Buchanan (Router Carving). June - Ron Grell with Sherman Williams (HLVP finishing and equipment). Bob Hewlitt will be checking on a demo with the Sears Carving System - simular to the CMT system for July or September. Dick Buchanan is committed to doing a demo on Off Set Routering to be scheduled in 2009. It was brought up for discussion whether to have a section in the newsletter for **MEMBER PROFILE**. This was done for a short time by Martin Chin but due to time restrains, he is no

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longer able to. The board decided that this was very worth while project. It was decided to ask the club members at the April meeting if there was anyone that wanted to interview a club member and take a few pictures of the shop and put in the monthly newsletter. Martin said it was a great way to meet other club members. Another point of discussion was the SHOP MEETS. Do these shop meets need to be "Training / How to do"? It was decided to ask the club members for their input at the next meeting. Tour for the Trappist's Casket Company will be April 18th. Another tour will be held in September (?) for the American Tool and Engineering in Greene, IA where Tom Bussey works. Bob Hewlitt mentioned that he had plenty of volunteers signed up to make the rocking horses for the Grin and Grow Fund Raiser. Time will be announced later.

MENTORING PROGRAM had more people sign up at the club meeting. The list as follows: Bob Anderson- detailed toys---Dick Buchanan- has the ability to figure most problems out---Tom Bussey- cabinet making---Jerry Krug- furniture and cabinet building---Hank Morris-jack of all trades (he enjoys a challenge)---Chip Schmidt- canoe/kayak construction--Laverne Sidler- wood carving---Garylee Thurmfretwork---Pat Vollbrecht-intarsia. It was asked that Martin Chin incorporate this list in the newsletter each month. It was agreed by the board that a projector owned by the club would be in our own interest. Thus far, the club has rented one from the Waterloo Art Center. The board felt that we would use it more if CVWA owned one and it would be cost effective. Pat Vollbrecht will do pricing and bring to the club members to vote on next month. President Pat Vollbrecht brought before the board a concern that was mentioned to him about CPR trained personnel. It was discussed and decided that the Waterloo Art Center meeting room is only 3 minutes from the hospital. Newsletter deadline will be April 1, 2008
Respectfully Submitted- Wanda Bailey / Secretary

CVWA Board Meeting- February 20, 2008

The Cedar Valley Woodworkers board meeting was held February 20, 2008 at Dick Buchanan's home at 7:00 p.m. Those present were: Bob Anderson, Dick Buchanan, Paul Bailey, Bob Hewlitt, Wanda Bailey and two guests: Dave Turner and Chip Schmidt. Thanks Dave and Chip for your input. Dick Buchanan presided over the meeting. Paul Bailey gave the **treasurer's report**. Income for the month \$337.49 and expenses were \$648.00. New balance \$2176.85. The treasurer's report was given and accepted.

Old Business- Rick Ruport was to report on Newsletter Web Site with a sample for the board to review. This was tabled until next month due to Rick being absent. There will be more followup on whats being done with the request for rocking horses for the Family & Children's Council. This was requested by Mike Knapp with the Grin and Grow Daycare fund raiser. A reminder for the Empty Bowl Fund Raiser was brought up. Paul Bailey said that the application for the 501 C3 had arrived to Washington D.C. and the process will take approximately 60 days. Wanda Bailey asked if new members were aware of the Woodworking DVD's that were available to be checked out. Wanda said she would put something in the newsletter about them. Unpaid member's list will be updated by Dick Buchanan.

New Business- Chip Schmidt asked the board about advertising for the club. He was willing to put up a small flyer in his office. Also, he mentioned that the discounts that club members receive from the club sponsors are wonderful and new or prospective members need to know how great they are. The board gave the okay to post a flyer in his office. Pat Vollbrecht (via e-mail) would like us to consider a mentoring system that would list individuals that have some expertise in various areas. Their names and phone numbers would be listed in the newsletter monthly. These individuals would consent to helping the club's members if they need help in doing new items in their shops. Pat had several that have already volunteered to be a part of this : Pat Vollbrecht- Intarsia : Bob Anderson- Detailed Toys : Hank Morris- jack of all trades (he likes a challenge). Pat wondered if there where others that might like to share their knowledge of woodworking with club members. Dick Buchanan said he could help in any area and also, Chip Schmidt said he would be willing. This will be brought before the club. The question was brought up to see if there was anyone that would consider reviving the Member Profiles that Martin Chin did for the newsletter. This was the club member interview with pictures of his shop published in the monthly newsletter. The board felt like the Member Profiles were enjoyed and would be a nice addition to the newsletter. It was decided by the board to ask if anyone would to take this project on at the next meeting. Wanda Bailey had been contacted by Glenn Johnson about coming (2) or (3) times a year to a monthly meeting to pick up items that needed to be sharpened. Glenn would have the tools ready for pick up at the next meeting. The board gave their okay on this and Glenn was notified. He will be at the March meeting to pick up items. We will get a Sharpening Schedule so this can be announced. Wanda Bailey will put a notice in the next newsletter. Field Trip to the Trappist's Monastery in Peosta, IA is set for April 18, 2008 at 10:00 There is a limit of 15 people. Pat was checking to see if he could set up a second tour in the afternoon if enough were interested. Demonstration for March will be Tom Bussey with the Table Saw Tune up using Pat Vollbrecht's saw. We will need the overhead projector and camera for this demonstration. Newsletter deadline will be March 1, 2008.
Respectfully Submitted- Wanda Bailey

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, 232-9813, wtoys@yahoo.com

Jack of all trades (enjoys a Challenge), Hank Morris, 235-0692, hankannam@aol.com

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

Intarsia, Pat Vollbrecht, 232-1923, patV35@mchsi.com

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

Cabinet making, Tom Bussey, 641-435-4354, tebussey@gmail.com

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

Furniture and cabinet building, Jerry Krug, 475-2391, jkrug@netins.net

Classes and Services for Pay by Fellow Club Members

Wood Carving Class by Sid Sidler

The next wood carving class I will be teaching at the Waterloo Center For The Arts will begin on Thursday night, April 24 from 6:30 to 9:30 PM and run for a total of six Thursday nights. It is geared for beginners up through intermediate skill levels and the total cost is \$55 plus a small amount for materials I furnish. The Arts Center has carving tools available during class time so beginners do not need to have carving tools. The class size is limited to eight students so people interested should call the Arts Center at 291-4490 to register for the class.

Sharpening services by Glenn Johnson, 641-435-2511

Sharpening Services by Carl Leavell, 319-233-4491

Please remember to patronize our Sponsors!



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