

Rocky Mountain Woodturners

A Chapter of the American Association of Woodturners

April Newsletter

Vol. 8 - No. 04

Officers, Directors & Committees

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Events Calendar

April 4	Metal Spinning – Chuck Everett
May 9	Digital Photograph - Panel
May -July 14	Smithsonian Exhibits Lathe Art
June 6	Chris Stott
June 12	Super Wednesday @ Craft Supply
June 13 – 15	Provo Woodturning Symposium
June 28-30	AAW Symposium - Providence, RI
July 11	
August 8	
September 5	
October 3	
November 7	
December 6	Christmas Dinner Party

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APRIL MEETING

Thursday – April 7 @7 PM
Industrial Science Building
Room 105
Colorado State University
Ft. Collins, CO
Officers meeting beginning at 5:30
at the downtown Perkins

- Agenda:**
- Announcements
 - Show and tell & Challenge
 - Wood raffle
 - Break
 - Demo

Demo:
Metal Spinning – Chuck Everett

MARCH MEETING MINUTES

Nancy Quick-Brewer

There was an officers meeting before the general meeting. Those attending were Doug Schneiter, Allen Jenson, Wayne Van Every and Nancy Quick-Brewer. A few of the things on the agenda for discussion were: finding a larger meeting facility, bringing Lyle Jamieson for a demonstration, and the need for a co librarian.

The general meeting was brought to order at 7:02 p.m. by president Doug Schneiter.

The club voted to see if there would be enough interest to make it worth while to have Lyle Jamieson of Michigan come to do a three or four day demo and an a possible evening demo for our club. A show of hands says we will probably be seeing Lyle at our club later this year. There will be more information on this at a later date.

Doug asked for volunteers for a co librarian to cover for when John Reed is not available to attend meetings. Leslie Rice volunteered and was accepted as the co librarian in John's absence. Thank you Les.

Don Deatherage has been busy making his own design of shop coats. He had Doug Schneiter model one for those in attendance. Anyone interested in ordering one, please contact Don for your made to order shop coat.

Doug did the critiquing of the show and tell items.

The wood raffle was held, then a short break before the demo began.

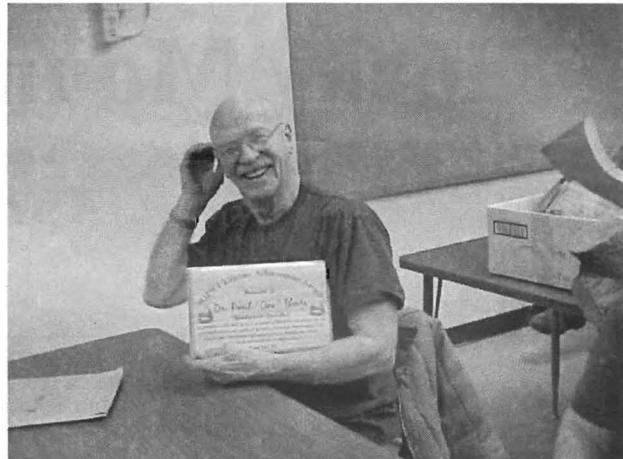
Challenge Winner: This months challenge winner was Cindy Drozda. She received a \$15.00 gift certificate to Wood Emporium in Loveland.

Treasure's Report: Allen Jensen reports that as of time of publishing we have \$5,739.66 in our clubs treasury.

April Challenge: The Challenge for April is Tops! This is a very easy task, and we are asking that each member make a few to bring and donate, as we are not only using this as only the monthly challenge, but also to help out with the AAW's "Return To The Community Project" so they will be donated to the AAW.

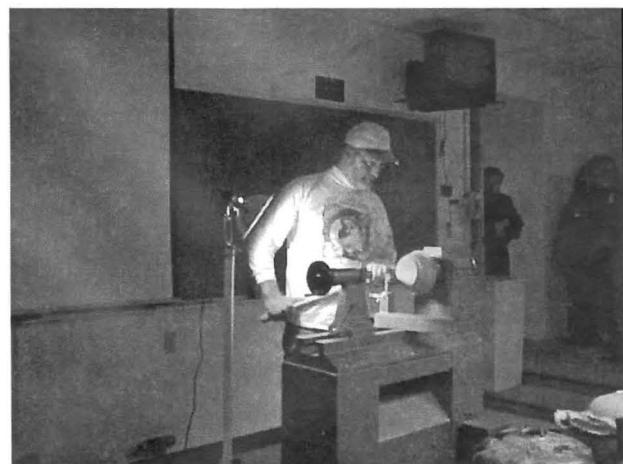
Donations of spinning tops for a charity auction will be accepted at the Instant Gallery registration desk. Please consider donating one or more tops to help someone less fortunate. Lets all make 3 -5 or more to donate to the less fortunate!

MARCH MEETING MINUTES (cont.)



Paul "Doc" Thode after receiving his Honorary Membership plaque. Doc was chosen to receive this prestigious award in January by the club officers, but didn't receive his plaque until the March meeting. Doc has contributed greatly to the Rocky Mountain Woodturners Club.

Demonstration: A phenomenal demonstration given by Ron Bentell of the Front Range Woodturners was thoroughly enjoyed by a standing room only group. Due to unforeseen circumstances Ron's demo had to be cut short, but we certainly hope we can have him back at a later date for another go at it! Thank you Ron!



Ron demonstrates a multi-axis bowl. Tend to those knuckles when trying this one at home folks!!

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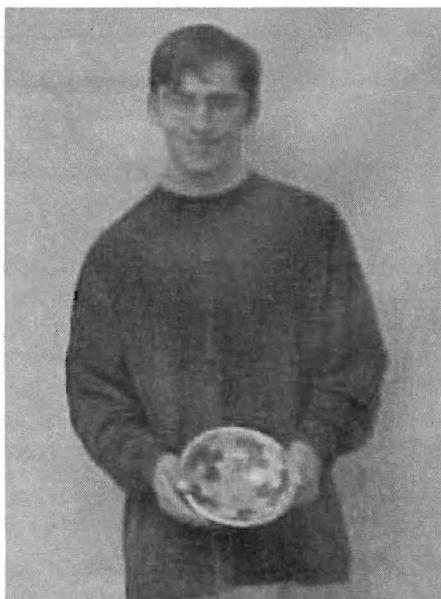
MARCH MEETING MINUTES (cont.)



Here Ron forms the bowl on the second axis.



Here is a view of the result of process of a multi-axis bowl. The bowl is off center of the rim.

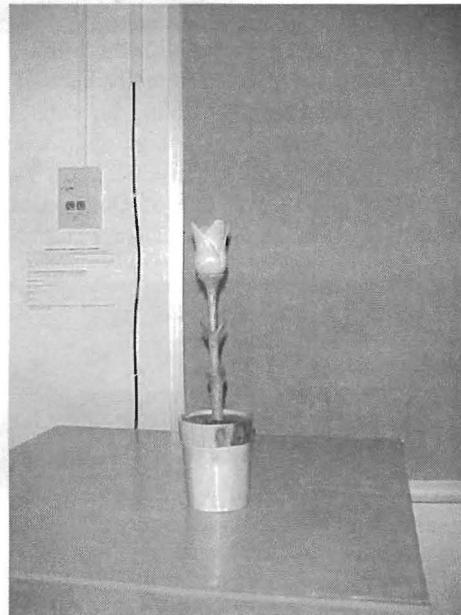


Travis Kurzmack

MARCH MEETING MINUTES (cont.)

The Club's 16 yr. old member, Travis Kurzmack (pictured at the bottom of the previous column) was awarded one of the scholarships from the AAW! Asked what he was going to use it for he happily replied he was going to the AAW symposium in Rhode Island this June. Congratulations Travis! The above photo is of Travis holding his first try at segmented turning! Fantastic job Travis!

We had three new members join our club. These are: John Thoelcke of Estes Park, Denis McMahan of Ft. Collins and James Lawson of Denver. Welcome to all of you! I hope you enjoy your time in the club and I know everyone joins me in saying if you ever need any help with anything, just let one of us know. We also had a father daughter team visit us. They are Rieth and Emily Miller of Bellvue. We hope to see more of the two of you.



Editors Choice of Show n Tell

The above piece was beautifully turned and colored by Drew Nichols. Drew said that he turned the tulip from a piece of maple, the stem from ash and the pot was turned from a piece of walnut log not much larger than the pot. The carving was done mostly with a Dremmel tool. He used thinned Krylon spray paint as a sealer. The flower was done with a yellow paint. Beautifully done Drew!

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April 2002

MARCH MEETING MINUTES (cont.)

Show & Tell: We had a fantastic turn out of show and tell pieces this meeting! It was great to see all of the pieces that were brought in by different members this month!



The platter shown above with the buffalo was made by Don Deatherage. Don has really been expanding in his way of woodturning by adding burning and inlay to his pieces. He brought in a few open vessels that were beautifully done with different inlays. You can see one with stars on it...it is one of Don's also. Great work Don!



The box on the left of the platter is a very nice box by Phil Lackey, and next to it is a beautiful threaded box done by Cindy Drozda. Beautiful work by all!



John Martin looked up a word that David Nittmann used at the last meeting. I thought maybe some of you might like the definition of it, and John added that usually used in referring to gems and stones, it really does fit in describing many of the woods we turn. Thanks David and John.

CHATOYANT: (cha-toy-ant)

To change luster like the eye of a cat. Having a changeable color or luster. The reflectance or luster changes with the direction of light hitting it

THE INTERNET

Nancy Quick - Brewer

<http://www.verinet.com/~drmelli/rmwt.html>
www.keenerhardwoods.com
www.irishwoodturnersguild.com
www.home.vicnet.net.au/~pwg guild
www.maxkrimmel.com/index.html

BULK GREEN WOOD SEALER PURCHASE

Wayne Van Every

The Anchorseal Winterized Clear greenwood sealer has arrived. This is a winterized version of the U.C. Coating Corporation's water based wax emulsion. They claim it will tolerate freezing without turning into a dough consistency. You can furnish your own containers; bring them to me at a meeting, or call to arrange transportation. If you have milk jugs, make sure they have screw on lids, I doubt you'll want this stuff all over the inside of your vehicle. The cost for the sealer is \$5.75 per gallon. Or, I am providing containers from Home Depot filled for;

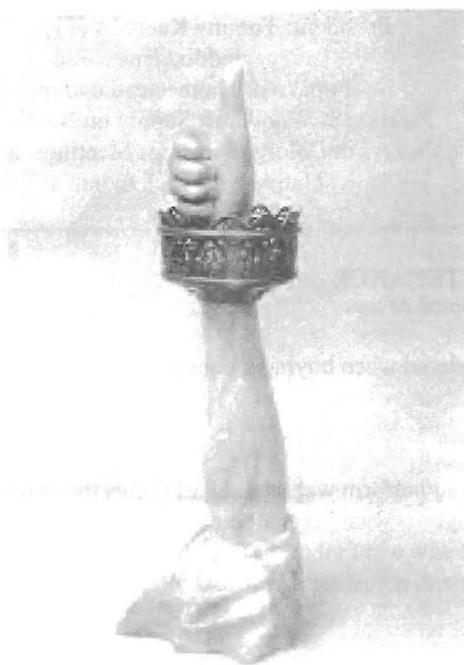
2 gallon (plastic pail with lid) - \$15.10
5 gallon (plastic pail with lid) - \$33.70

Call 970/378-8815 leave messages or send an email to vaneasy200@aol.com. Orders from Front Range and Pikes Peak Woodturning Club members are welcome.

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"Stronger Than Ever"
by Lyle Jamieson of Michigan.

MEMBER INFO EXCHANGE

Nancy Quick-Brewer

If you have sold your listed item, please let me know so that I can remove it.

For Sale: Made to order shop coat with or without additional sleeves. See Don Deatherage at one of our meetings, or give him a call at 308/ 673-5341

For Sale: 3rd annual RMWT Symposium cd's are still available for \$25.00.
Contact Ray Kowrach @ (307) 634-9882 and 1808 Newton Drive, Cheyenne, WY 82001
e-mail: mesquitewy@juno.com
Ray will be returning from his winter vacation sometime next month.

For Sale: Pharmaceutical grade cyanoacrylate glue. Stronger than standard woodturning CA glue. 99.8% pure!
CA-thin - 2oz \$5.00 CA-med - 2oz \$5.00
CA-750 - 4oz \$9.00 CA-thick - 2oz \$5.00
CA-gel - 20gm \$4.00 CA-flex - 1oz \$5.00
Activator - 2oz \$3.00 Debonder - 2oz \$4.50
Aerosol activator 6oz - \$6.00
Call Dennis Liggett, 719-481-8754,
liggy@mindspring.com

MEMBER INFO EXCHANGE (cont.)

For Sale: Powermatic dust collector 1½ hp with 1 micron felt bags \$150.00. Bench grinder 6", 3450 rpm - \$30, Ulery/Nichols Bowl/Spindle lathe combination, 1-1/4"x8 spindle, 1½ hp variable speed DC, 3 sets of ways 22" to 96", 80" swing (26" for spindles), used but not abused! Great deal for large capacity bowl lathe \$2000 takes all (you move it). I'm buying a new Nichols.

Ongoing great deal on sanding disks: 2" disks are 10 for \$1, grits from 100 to 400, velcro back (we always have these available - call if you don't see us at the meeting)
-Free to a good home!! Pink Ivory branch pieces, good hard wood that's very nice to turn but not very pink, most are 3"-4" diameter and have one radial crack full length. Let us know if you want some and we'll bring them to the meeting. Call David or Cindy @ 303/449-7170 (leave a message anytime), or email them at: cdrozda@nyx.net, or rotoremotion@earthlink.net.

For Sale: Brand new Jet 14" bandsaw rip fence \$130.00 value, will sell for \$100.00. Call John Loftus @ 970/586 - 6961.

For Sale: Alltrade scroll saw, perfect condition, \$100.00; with quick blade and access \$125.00. Call Chuck Kubin @ 303/733-0254

For Sale: 12" Rockwell Delta Lathe, variable speed, heavy duty model. Excellent condition. \$950.00 o.b.o., call Jim Olson @ 303/771-9869

For Sale: Big lathe, 24" over throat, 220v, 1 ¼" shaft, 4 speed with safety slip clutch, 2½" Vicmarc chuck, 8" faceplate, 7 chisels. \$2,000.00 takes all. Call Gary @ 970/593-1901.

For Sale: Mint Condition! Not one board has been run through this! Delta 14 band saw, with enclosed base and all the goodies. Purchase new in 4/96 and never ran a board through it! He has a \$1000 invested, but would sell for \$700. Includes mobile base, rip fence, riser block (12" capacity), 3/4 hp motor, cool blocks, 2 ea solid surface blades, Duginski book and video. All manuals and original sales receipts included! This is a rare find! Call Brook Alexander at 484-8766.

As you noticed, I have removed some of the items that have been in for quite some time. I don't know if you have sold them or not. If you haven't and wish to have them put back in just let me know what all you have and I will put it back in for 3 more months.

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FRONT RANGE (FRWT) CLUB

President: John Montague - (303) 794 - 01679
JaMont312@aol.com
<http://www.harrispress.com/frw/>

Meetings are held at Schlosser Tool and Machinery, 301 Bryant in Denver. Meetings are held the first Tuesday of each month at 6:30 PM.

PIKES PEAK (PPW) CLUB

President: Tommy Keeton - (719) 392 - 7473
jeddix@msn.com
<http://www.homestead.com/ppnews/>

Meeting at Woodcraft Supply on North Academy and Vickers in Colorado Springs Meetings are held the first Thursday of each month at 7 PM.

BANDSAW MAINTENANCE

By Jim Manley - Technical Editor

In the first article we discussed the options that needed to be considered when buying a bandsaw. This article considers how to tune your saw and maintain it to keep it performing well.

New and Used Saws

One would expect that a nice new, out of the packet, band saw would perform well and do all things the manufacturer says it will - Yea right! What I am going to discuss over the next few pages is what you can do to tune your band saw so that it will cut straight, cut square, the blade wont keep falling off and the saw wont vibrate to death during use. There are a number of areas that need to be addressed, these are: Wheel alignment, adjusting the thrust rollers and blade guides, table alignment, balancing the wheels

Wheel alignment

In a perfect world the top and bottom wheels of your bandsaw will be in line. If they are not the top wheel has to be tilted to keep the blade tracking in the middle. If there is huge amounts of top wheel tilt the blade is likely to fall off at the slightest provocation. Blades are easily checked for alignment with a straight edge or metal carpenter's level. Step 1 - Fit your widest blade and ensure it is fully tensioned. A little over tight is best, as this will cause any slop to be taken out if any free-play is present. The top wheel angle adjuster needs to be placed in the neutral position so the top wheel is vertical. Step 2 - Place the straight edge so it touches the top and bottom of the bottom wheel (see drawing 1). If the alignment is true, the straight edge should also touch the top and bottom of the top wheel while it is resting on the bottom one. If both wheels don't touch the straight edge and they don't look like the second picture of drawing 1, some adjustment will be needed. If there is an alignment problem you need to measure how much difference there is between the top and bottom wheels and adjust the mount point accordingly. Wheel Alignment is usually adjusted in two ways, either by placing packing washers behind the axle of the top wheel or by moving the driving position of the bottom wheel by moving it along the drive-axle, after releasing the grub screw that attaches it. The easiest method is to remove or insert washers behind the top wheel. I found that the hardest part of adjusting my saw was undoing the big nut on the top wheel and finding the right sized washer to pack it out. Once I had the hardware the job was quite easy. Remember to recheck the alignment once adjustments have been made. While you have all the covers and the blade off its also a good time to remove the gunk from the tires on the wheels. Sandpaper attached to a stick is best for this. You might even like to try a wire brush.

Adjusting the Blade Guides and Thrust Rollers

The saw should run through the middle and at right angles to the table. Before commencing this adjustment, check the condition of the bearings and guides. Any defective bearings or guide blocks should be replaced. Look for bearings with worn sides, rumbling rollers and lack of internal lubrication. If in doubt over condition ask your bearing supplier or a garage mechanic for help. If one side of the bearing is worn from blade wear, it can be reversed on the mount peg and the other side used, but only if the rest of the bearing is OK.

Adjusting the Thrust Bearings

Step 1 - Loosen the mounts for the blade guides and rollers and back them off as far as they will go. (Located above and below the table, the top set is like drawing 2). Now adjust the top wheel tilt so the blade runs through the middle of the table hole. (If the wheels are aligned this wont take much adjusting).

BANDSAW MAINTENANCE (cont.)

Step 2 - Adjust the blade thrust bearing first. (These are the roller bearings behind the blade that stop the blade moving backwards when cutting, there should be one on each guide set, above and below the table). The gap between the blade and the thrust bearing should be 1/2mm (use a feeler gauge). With the machine turned off, loosen the bearing adjuster screw and slide the bearing axle until it touches the feeler blade in between the bearing and the blade. Make sure the blade isn't forced forward, then tighten the lock screw. Recheck the gap; if OK use the same procedure for the bottom bearing. It is important that the blade does NOT touch the bearings when it is not cutting wood. If the bearings turn when the saw is going but not cutting you need to do the adjustment again. The bearings are designed to turn only when the saw is under load when cutting wood.

Adjusting the Blade Guides

Most saws have guide plates to keep the blade from twisting in the cut. When the plates are out of adjustment or worn this causes your saw to wander in the cut. First check the plates are not worn, they can be reversed end for end if the wear is bad or replaced if the reverse trick has already been done. There should be a gap between the guides and the thickness of a \$5 dollar note is about right. To adjust - loosen the guides on either side of the blade, wrap in your \$5 note and press both ends together until they touch the blade. The pressure should not be too great, if you can't pull the note out its too tight. Once the guides are set, tighten the lock screws and withdraw the dollars. Remember to repeat this procedure with the bottom guides. There you go - adjust you bandsaw guides for 5 bucks.

Table alignment

For the saw to cut square the table must be at right angles to the blade. Most saws are adjustable to allow angled cuts to be made. There is usually a scale marked in degrees and a central point that marks 0 degrees of table tilt at 90 degrees to the saw blade. To check the table is level when the zero mark is aligned, use a set square against the blade and the table. If there is a difference, adjust accordingly.

Balancing the Wheels

One of the main reasons a saw vibrates is the wheel balance. The top wheel is the easiest to do. Remove the blade and spin the wheel gently. Watch where it stops. Mark this position with a piece of chalk to a known reference point - say, the highest point. Spin the wheel again and see if the wheel stops in the same place. If over 3 or 4 tries the wheel stops in the same place each time the balance is suspect. A wheel that is in good balance will run on for some time and never stop in the same place. If the wheel is out of balance it is a trial and error thing to fix. Get yourself some blue-tack or a small wad of putty and attach a small nut or stone to the highest point (inside the wheel) and spin it again. If the nut stops at the bottom it's too heavy, at the top it's too light and so on. Once you have found the correct weight to use, mark the position it needs to be in and remove the counter weight, with the putty. Now weigh the 2 items with electronic scales so you know the exact weight of the two. Race down to the local tyre shop and buy a mag wheel weight (with a sticky back) and attach it to the right place (remember to clean off the dust first). I found with mine the balance problem was in the top wheel. If the vibration is still there you have to repeat the above procedure with the bottom wheel. Remember to remove the drive belt from the motor before you try to spin the bottom wheel.

Well that covers most of the adjustments you need to do to tune your saw. I found most of the info that I used to tune my saw in various books in the library. I suggest if you are having trouble understanding the technical aspects or the directions in my article go down to the library see what you can find to help you. In the next article we will look at trouble shooting, maintenance and jigs that can be made to help us with our tasks. Good luck with your tune-up.

This article reprinted from the New Zealand Woodturner. Thanks again Simon.

FROM THE INTERNET

Wayne Van Every

While reading through the posting on the AAW's discussion group I was following a conversation regarding turned baby rattles both with and without captive rings. I thought I should pass on the following post for those that do not have computers or don't track the woodturning discussion groups. The posting starts and ends with the ">>". Bear in mind these postings are the work of other woodturners like ourselves, and do not represent the positions or policies of the AAW or anyone else. If you would like to produce baby rattles, you are encouraged to perform adequate product research to insure you're knowledgeable of the product and it's inherent liabilities.

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From: MReich@EMEPA.com

I did a quick run through of the Consumer Product Safety Commission's site (<http://www.cpsc.gov>) and this was all I found. A thorough search might turn up more info. Don't know if this is still current but it is a start...

NEWS from CPSC

U.S. Consumer Product Safety Commission
Office of Information and Public Affairs Washington, DC 20207

FOR IMMEDIATE RELEASE

May 11, 1978

Release # 78-036

CPSC Bans Small Baby Rattles

WASHINGTON, D.C. (May 11) -- The U.S. Consumer Product Safety Commission (CPSC) today approved a ban of baby rattles small enough to choke or suffocate infants by lodging in their throats.

Since 1974, CPSC has learned of ten infant deaths from choking on the small rattles. Also on file are 19 non-lethal incidents where suffocation was halted by a quick-thinking parent who pulled the rattle from the child's throat.

Rattles connected with the chokings are about four inches long and shaped like telephone receivers, barbells, clothes pins and safety pins, but other types of rattles could also create the choking hazard.

Prohibited under the ban would be all rattles small enough to fit into a 35mm by 50mm opening in a cavity of a testing device and project to a depth of 30mm. These dimensions were adopted from a Canadian testing tool designed to identify unsafe rattles in a ruling last year.

While about three-quarters of all U.S.-sold rattles did not meet the requirements when the safety rule was proposed last November, many American companies are already retooling to manufacture larger rattles.

The ban will take effect 90 days after publication in the Federal Register, expected shortly. At that time, non-complying rattles can no longer be introduced into interstate commerce.

The U.S. Consumer Product Safety Commission protects the public from unreasonable risk of injury or death from 15,000 types of consumer products under the agency's jurisdiction. To report a dangerous product or a product-related injury and for information on CPSC's fax-on-demand service, call CPSC's hotline at (800) 638-2772 or CPSC's teletypewriter at (800) 638-8270. To order a press release through fax-on-demand, call (301) 504-0051 from the handset of your fax machine and enter the release number. Consumers can obtain this release and recall information or report product hazards to info@cpsc.gov.

AAW Home Page <http://www.woodturner.org/> (651)484-9094