



The January 8th BAWA Meeting
Feature Jim Rodgers Leading a Discussion on the Elements of
Good Form and Design

(Details on Page 3)

The President's Message
By Bill Small

BAWA Store Reopens

Good news! The BAWA Store will reopen at our January 8th meeting. Kathy and Ron Scudder, wife and husband members since this past summer, have agreed to lead our Store Team. The Scudders are part our growing membership living in Livermore.

Half a dozen other members have already signed on to help Kathy and Ron with the store operations. If you would like to join their team, please contact them.

For those not familiar with our store, let me review its goals and operations. The primary goal of the Store is to offer members high quality turning items, typically consumables and exotic woods, at below retail prices. Secondly, it also serves as a club fundraiser. The Store Team leaders (Kathy and Ron) order new items in bulk from wholesalers, using the club's debit card. Team members repackage the items into retail size packets and price the items between the wholesale and retail prices (thus the savings to the members and a small 'profit' for the club).

Store inventory is kept in plastic bins, which are stored in the club's shed between meetings. At each meeting, the team pulls the bins and displays the items. They also collect money from the sale of items and review the inventory.

Some things for you to think about. Is there something that you would like to see in the Store? Tell Kathy or Ron about your shopping wishes. Would you like to join the Store Team? Again, talk with Kathy or Ron. Working on a BAWA team is a great way to make new friends and have some enjoyable times. Remember, other BAWA members are your best source of woodturning expertise.



The Bay Area Woodturner's Association is a local chapter of the American Association of Woodturners. Our purpose is to provide a meeting place for local turners to share ideas and techniques and to educate the general public regarding the art of turning. The Association meets the second Saturday of each month at the Senior Center in San Ramon. The Association periodically sponsors exhibitions and demonstration by local and internationally known turners.

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TBD

Community Service

TBD

BAWA Officers Meeting Notice

BAWA Board of directors meetings are held at Denica's Cafe (in the same center as WoodCraft) 8AM to 9:30AM. On the day of the scheduled club meeting. Board meetings are open to all members. Contact Bill Small if you would like to be on the agenda.

Club Meeting Dates & Topics 2005

Note: We have secured the 2nd Saturday for each month's meeting at the San Ramon Senior Center, with the exception of the April meeting which will be on the 3rd Saturday of the month.

January 8: Jim Rodgers—
Form & Design

February 12:

March 12: Wade Garrett

April 16*:

May 14:

June 11:

July 9:

August 13:

September 10:

October 8:

November 12:

December 10: Holiday Party

Turner's Tidbits

Visit the BAWA Website for a wealth of useful information. The URL is: <http://www.bayareawoodturners.org/>

Save Your Woodcraft Receipts

By special arrangement, Jim Rodgers has secured a way for BAWA to receive a 3% rebate from Wood-Craft for each dollar spent in the Dublin store. It is an important source of income to BAWA. Remember to bring your receipts (or copies) and deposit them in Jim's collection box at the next meeting.

2005 Dues are Due

The BAWA membership dues for 2005 are now due. \$40/year supports a great club with a great meeting place, and with many great activities! See our Membership Chairman, Bill Mellberg, or Treasurer, Robert Whitworth.

Wood Raffle

Oops—I forgot to make a sign-up sheet for the wood raffle this past month. Thanks to all who contributed wood to the raffle.

We will have a Show and Tell and a Wood Raffle at the January BAWA Meeting, so bring in your latest turning examples and a piece of wood to share at the next meeting.

Leo's Corner
By Leo Lichtman

Some time ago a neighbor of mine had a wrought iron fence installed across the front of his property. What captured my attention was the little welder that was used to put it together. I had never seen anything like it before. It was small--about the size of a breadbox, and ran on an extension cord plugged into the household electric power. Wow! I decided I had to have one of those. Long story short, a few weeks and a few hundred dollars later it arrived. Was I excited, and then disappointed. I could not weld with it worth a darn, and I couldn't figure out why. I think I have finally learned to use the thing well enough so I am not embarrassed by my work, so I can proceed to the next step in my plan.

My idea is to bring this convenient portable welding outfit to BAWA meetings, so I can do little welding jobs for other members. Custom tool rests, jigs, tools, support brackets--you name it. If the jobs are small, it ought to be possible to handle them in the parking lot. If you have something you would like done, just call or e-mail me before the meeting, so I know what to bring, and let's see how this goes. I guess I should mention that I am not going to charge for this--I just feel like helping out, because I think I can. Phone (510) 215-2632 e-mail l.lichtman@worldnet.att.net

January BAWA Club Meeting
By Jim Rodgers

"Since 'good design' contains both some universal concepts and elements of personal taste I want to draw from the collective Bay Area Woodturners what the most prevalent thinking is and define the most common elements. Also during this session we will identify those points where disagreements occur and why these disagreements occur.

This will be a session in which YOU, the attendee, will provide the content through small group discussion of specifics. Each group will share the output of their discussion with the full meeting. There will also be a limited Q & A.

I hope to document ALL the comments, agreements, and disagreements into a single document to be posted to our website.

I need your to bring examples to these discussions to illustrate your key points of 'good design' and 'bad design.' "

December Competition
Registration

Andrew, Everett and Michael "weigh-in" their entries in the December People's Choice competition as Rich Sherry keeps the records straight.

Special Thanks go out to **Craft Supplies USA**
<http://www.woodturnerscatalog.com/>
for providing our winners with Gift Certificates.



Lathe Alignment

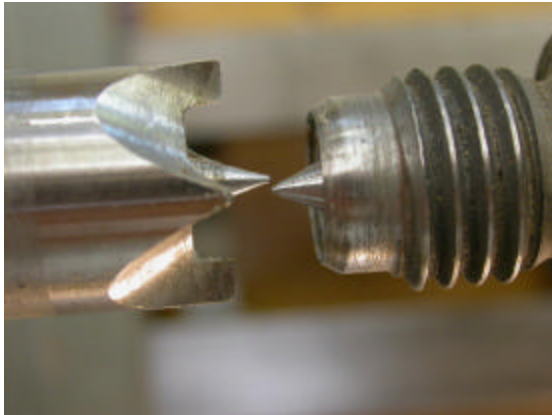
By Jim Rodgers

I have discussed lathe alignment with many turners; usually as a result of a problem with turning oval pens. Other issues have arisen in segmented turning when the two halves of a vessel are aligned for final glue up. Many of us now are using vacuum chucks and align the vessel into the chuck with the tail stock and find imperfect alignment.

Here are some of the issues, causes and potential solutions:

1. Tailstock does not align with the headstock

This is checked by inserting the live center into the tailstock and a spur drive into the headstock and bringing the two into close proximity, tightening down the tailstock and the quill and observing the alignment of the two points as shown in Figure 1. Be sure that the points are not dulled or bent in either the spur or the live center. This will mislead you in your measurement.



Misalignment can be compensated for by placing a shim under the appropriate corner(s) of the tailstock to adjust the alignment. Usually this is just a piece of newsprint or two. More exaggerated errors may need to be corrected by contacting the manufacturer for repair or replacement of the tailstock, tailstock quill, or reboring the Morris taper on the tailstock quill. Lathes in which the *headstock* is bolted to the frame or ways can be adjusted by relocating the headstock with jack screws (OneWay) or adding permanent shims ((Jet minilathe). Nova 3000/DVR can readjust the lathe ways as they are screwed to the headstock and can be repositioned.

Figure 1 Shows an example of a misaligned lathe.

In lathes where the headstock rotates the click stop positioning may not be accurate enough to return to perfect alignment. A double ended Morris taper will aid in realigning the headstock after being rotated setting on a former project.

2. Live center does not run true

Another problem created by inexpensive live centers, centers with worn out bearings or plain bad design. One of the causes of a good live center becoming out of true or wearing can be due to misalignment between the headstock and tailstock depending on your uses.

If the center was inexpensive – just discard it and get a better one. If you have a good one that *is* repairable; consider replacing the bearings. OneWay claims that the radial run out of the live center system is less than .001 inches. The center can be returned to OneWay for bearing replacement if out of specification for minimal fee. Note that You can damage the bearings in a live center quickly if your lathe is misaligned.

3. In pen making, too much pressure is applied to the mandrel.

Lathe Alignment continued from page 4

If your pens are oval of the part only fit in one plane AND the above causes have been eliminated then most likely you are apply too much pressure to the tailstock when tightening on the mandrel. The amount of pressure should be only enough to minimize any vibration from the turning activity. Also assure that the live center point is not bent causing the mandrel to not run true. Abused mandrels or poorly designed mandrels may have the dimple in which the tailstock rides out or round, enlarged or manufactured uncentered. Professional style pen mandrels allow for the replacement of the rod portion.

4. Poor centering with vacuum chucks

Again assume that all of the above items have been eliminated. Generally the cause is associated with the variable density of the foam sealant materials use on the edge of the chuck to contact the turning to be held. The stock has been compressing unevenly causing the vessel to be forced out of alignment. Chuck design and the shape of the vessel being held may cause this problem to be exaggerated. A round vessel held against a rounded surface may exhibit this problem more readily.

Replace the material; readjust the material; buy thicker (or thinner) stock. Silicon rubber works very well but is difficult to attach to the chuck (no effective adhesive). On a finished edge bowl consider using a flat plate as a vacuum chuck thus spreading out the hold over a large area and minimizing the problem.

5. Hole drilling errors

Errors associated with drilling centered holes in the end of a project can be caused by the Jacobs Chuck mounted on a Morris taper may not be completed or properly seated in the tailstock. Run the quill out far enough that the drill chuck completely seats. Bring the tailstock up into close proximity to the work and *lock down the tailstock before drilling*.

Other drilling issues may not be related to the alignment but caused by the drill wandering from hard, winter growth grain into softer summer growth. Solve this issue by creating a "pilot hole" for the drill point to seat in. Use of brad point bits, or Forstner bit will also aid in reducing this problem.

General considerations

- a. Always clean the female Morris taper before inserting any accessory
- b. Remove all defects or burrs from the surface of male Morris tapers
- c. Store and protect Morris tapers from scratches and dings

Editor's note: I want to thank Jim Rodgers for supplying the Club with several timely and informative articles for the newsletter this past year. I would like to encourage all of you to consider writing a submission to the newsletter. Assistance is available if you need a bit of help. Please contact me, Fred Deadrick, Editor of the newsletter at (925) 447-9650 or fdeadrick@comcast.net.

BAWA's People's Choice Competition



Michael Serpa was the winner in the light-weight (under 4 oz) division. In looking at the photo of Mike, now we see where he got his model.

Robert Whitworth was the winner of the middle-weight class with his latest critter.



Larry Lew was the winner of the heavy-weight (>1.5#) class with this beautiful vase. Larry's techniques for making and carving the leaf appliqué are incredible, and hopefully will be a topic of a future BAWA meeting or article.

For Sale

- Sliding Wing for Jet Supersaw—\$100. Contact Morrie Shoob (925) 362-0807 or (925) 208-2045 in San Ramon.
- PrismaColor 24 pen set in carrying case, as used by Andi Wolfe, Art Liestman, and our own Denise DeRose. Brand new and unused. (Christmas gift that was not wanted) \$40. Contact Fred Deadrick (925) 447-9650 or fdeadrick@comcast.net

Watch this space in the coming months!

Now the Kathy and Ron Scudder are the new managers of the BAWA store, they plan to offer monthly “specials”. The BAWA store is a great place to buy turning supplies such as the excellent Eagle Brand sandpaper, sanding disks, CA Glue, Bottle Stopper materials, Exotic wood, and other materials.



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