



CHIPS & Chatter

AAW award-winning newsletter!

WWW.SVWOODTURNERS.ORG

THE SILICON VALLEY WOODTURNERS

COMING UP!

Monthly meeting:
Daryl Gardener on
Mirka sandpaper
January 3rd

Spring Home and
Garden Show
January 5-7th

Trent Bosch demo
workshop
January 14th



John Brugo talks chainsaws

Dec., 2006
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John Brugo got into chainsaw demonstrations when he had to cut some fresh bay for John Jordan's demo a couple years ago. Linda Salter noticed his chainsaw expertise and persuaded him to do a demo for West Bay Woodturners. He did it, enjoyed it, and came to do the same for us at our December meeting. Dave Vannier accompanied him to provide tech support.

"If they'll cut wood, they'll cut you", John advises, so be careful with chainsaws. Safety issues headed up his presentation,

and he pointed us to the web site www.cdc.gov/nasd/docs/d000801-d000900/d000881/d000881.html for purchase, safety, and maintenance tips. Cuts aren't the only danger. Safety glasses and hearing protection are important for sawyers. (John prefers ear muffs over plugs as they provide better noise suppression. Bilsom Lightning L3 30db from Enviro Safety Products are ear muffs he really likes.) Gloves, long sleeves, long pants, and safety-toe shoes are all important parts of his personal protection.

Continued on page 5

PRES SEZ



Thank you, Lloyd (Editor), Howard (Secretary), and John (VP) for joining our SVW staff. I should also say thank you to Craig, Dick, Becky, Jack, Jim, and Rich for staying on the staff for another year. Thanks again for your support.

Each year we have a Show and Tell at our meetings.

Members bring in projects they have been working on to share with us. It is fun for all of us to see what other people are working on. We also have a turning challenge suggested by the club President for each month. This year I have a new list for SVW members to work on for the President's Challenge. Using the first letter of the month, make a turning

suggested by that letter. J is first for January. Make a turning for the January meeting that has something to do with, or uses, "J" in it. Need an example? How about creating a turning made from "Jacaranda"? Use your imagination, have fun, explore, experiment. What can you come up with?

SVW has a program called Ironman. Do all 12 Challenges for the year and you will earn a special club badge to wear at the meetings and events. The January, 2007 meeting will have a presentation of the 2006 Ironman participants. You can see who they will be from the chart on page 16. Do you have your Ironman Badge?

Get creative - the January Challenge is "J".

Rich

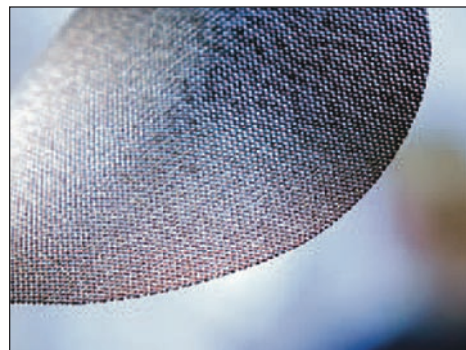
Next month...

Join us Wednesday, January 3rd, at 7 P.M., when Daryl Gardener talks about Mirka sandpaper at Rich Johnson's Woodturning Center in San Jose.

Rich's Center is located behind his home at 14979 Joanne Ave., San Jose. From Hwy. 680, take the McKee Road exit East about 1.5 miles to Toyon Ave. Turn left and go 0.6 mile, turn right onto Joanne Ave.

Bring your chair and items for Show and Tell. We all learn together.

PRESIDENT'S CHALLENGE: "J"



President's Challenge and Show & Tell

GIFT

Rich Johnson showed a picture of a cork oak bowl he gave to the contractor who powder coated his lathe.

Phil Roybal showed a half-round tool, as described in the Fall issue of *American Woodturner*. It was made of A2 steel with walnut handle and brass ferrule, and finished with Wipe-on Poly. It became a gift at the SVW Xmas Party.

Michael Wiley made a Christmas ornament of cocobolo and cedar, gold leafed and finished with lacquer.

Herb Green presented a bottle stopper of rosewood and white veneer, with a blackwood cap.

Dick Pickering showed an ornament of cocobolo and myrtle, finished with 50% Deft.

Jim Gott showed a maple and cocobolo ornament finished with lacquer, and a compact mirror of claro walnut, finished with polyurethane. These both became gifts at the Party.

Ard Sealy made a bottle stopper of walnut and finished it with 50% Deft.

Ayman Sayed showed a pen of curly maple, finished with friction polish.

Becky Frisbee made a lidded box of pear, finished with EEE and CrystalCoat.

Clockwise from top left: Phil Roybal, Jim Gott, Ard Sealy, Ayman Sayed, Becky Frisbee, Dick Pickering, Herb Green, and Michael Wiley.

Continued on page 4.



Challenge continued from page 3.



Lloyd Frisbee made an ornament out of ebony and a sea urchin.

Glen Vaughan brought a bottle stopper of Polynesian palm nut.

Bob Bowers showed a cocobolo lidded box with a prism in the lid's hole. This was a makeup project. He also made several lidded boxes and open paperclip holders in a variety of woods.

Mike Rude brought a couple ornaments of spalted olive and juniper, on cocobolo bases.

Ron Geren showed a small plate of zebrawood or bocote, finished with tung oil.

Steve Rosenthal turned a vase of chestnut, finished with Wipe-on Poly.

Howard Cohen made a peppermill of purpleheart, and also a segmented bowl of bloodwood, ebony redwood burl, and purpleheart.

Steve Rosenthal and Lloyd Frisbee won the President's Challenge raffle.

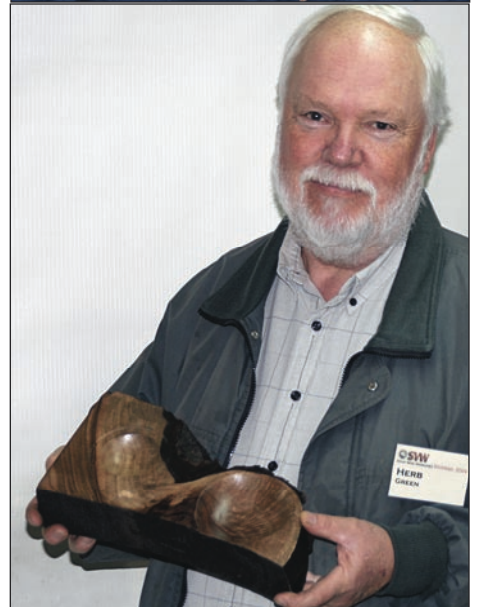
Show & Tell

Phil Roybal showed a necklace with a pendant turned of African blackwood and inlaid with sterling silver, on a silver chain. The pendant was finished with wax.

Herb Green made an off-center turning of walnut using his Cole jaws.

Continued on pg. 7

Clockwise from top left: Lloyd Frisbee, Steve Rosenthal, Howard Cohen, Phil Roybal, Herb Green, Ron Geren, Mike Rude, Bob Bowers, and Glen Vaughan.



Starting the saw

John says Read the Manual! He goes through each manual and highlights usage and maintenance information. This is the time to learn where controls are and how they operate. Some saws, for example, won't start unless you set the safety brake.

To get started, set the brake or not, as required, turn on the ignition, open the gas cock, choke the carburetor, set the saw on the ground with your foot in the handle, and pull the starter cord until the motor coughs to life. Then adjust the choke for smooth running.

John cautions, "wrap your hands completely around the saw handles, because it's your thumb behind the top handle that keeps the saw from kicking back into your fingers if it bucks". Then, once the cut's complete, don't let the saw swing down into your legs. Get the log off the ground, so the chain doesn't hit the ground (which can instantly dull it). John uses a saw buck, with cross bars 8-9" apart.

Most saws have separate chain oil and gas tanks. When the saw is out of gas, there should be a little chain oil left. If you run out of gas and have a lot of oil left, or none, the saw isn't lubricating properly. Adjust the chain oiler as described in the manual.

Chainsaws' two-stroke engines require a 50:1 gas to oil mixture, and they run best with mid-grade or getter gas. The number one chain saw problem is old fuel that has absorbed water. Date each fuel mix, and drain the saw tank if you won't use the saw for a while. You can prepare the oil/gas mix up to a month before you need it, but it deteriorates over time, so don't mix more than you can use.

Cutting

John doesn't recommend felling a tree. Leave that to the pros, he says.

Things can go wrong quickly and dangerously. But be there as they cut, so you can get it cut the way you want.

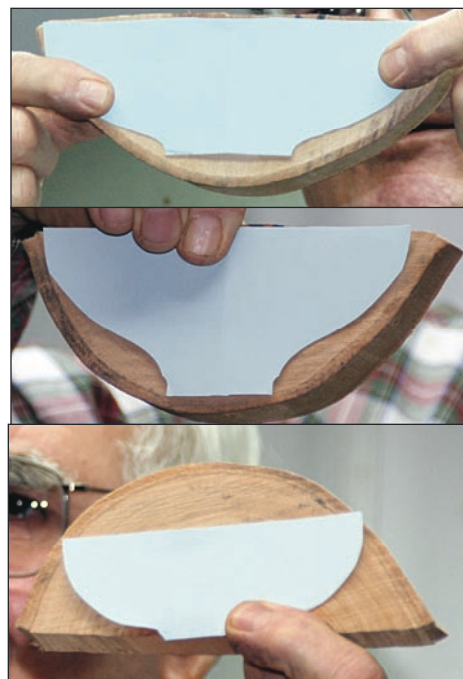
Tree trunks have the best wood. Branches have unstable reaction wood. One side is in tension and the other is in compression. When your cuts release these stresses, the wood reacts in unpredictable ways. The pith, even in the trunk, is always unstable.

John says, "leave the wood as long as you can, as long as you can." John likes to cut four inches longer than a section's diameter. This leaves a couple inches on each end for checking and cracking. He suggests leaving the wood in multiples of these lengths so you have fewer ends to seal and fewer issues with drying.



Once the wood is cut into sections, John uses chalk to mark cutting lines on each piece. He likes to cut big sections into halves or quarters, get the pith out, then seal the ends with two coats of Anchorseal. As the cut halves dry, they pull back from the plane of the pith. If you've got reaction wood, the pith won't be centered, so cut the slab so the heartwood is balanced on each side of the center pith. Otherwise part of your bowl will be in compression and part will be in tension, and the bowl will warp unevenly. If the heartwood is the part you want to see, you need to orient the bowl to preserve it, and that may mean cutting a larger slab for a given size bowl. You have to cut a slab differently to get the largest diameter bowl or the deepest bowl.

John tries to visualize the bowl inside each blank and mark accordingly.



Left: how wood shrinks as it dries. Above: seeing a bowl in the blank.

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There are several cutting options. You can cut straight across a diameter, perpendicular to the way the trunk grew. This is cutting right into the end grain and will be slow. It's rough on your body and on the saw. It produces powdery sawdust.

Cutting at an angle from the center toward the outside along a diameter makes longer shavings, but it is still an uphill cut: better, but not good.

Cutting along the trunk is cutting with the grain. A pure rip cut, parallel to the trunk, is the best option, producing long ribbon shavings. However, these shavings can plug the saw. Rocking the saw as you cut reduces the tendency for the shavings to clog. Start the cut, then let the saw body drop a bit so the bar is higher than the body. Next, rotate that bar down into the wood, and repeat the cycle. This breaks up the clogging shavings.



Above: log in a saw buck, ready to rip along the grain. Right: 12 VDC chain sharpener.

As John cuts, he look for signs of trouble. Black shavings coming out of the kerf may signal metal in the wood. Sparks mean the saw has found rocks, nails, or steel that will dull the chain. He always cuts down from the top of a log, and doesn't plunge the bar into the wood. Such plunging will make the bar kick upward.

Chains and sharpening

Homeowner saws come with low-kick-back chains for safety. Skip tooth or semi-skip chains have an extra chain link before each cutting link. They can thus take a bigger bite and cut faster, but can kick back viciously. Such chains take more horsepower (and skill), so they are only available for larger saws.

You can sharpen with a chain file, by hand, but it's slow. Power sharpeners such as Dremel attachments or cordless drills with stones work well. There is a 12 VDC sharpener you can run off a truck battery in the field. (You'll find power sharpeners at Bailey's [www.bialeysonline.com]: a good source of chainsaws, parts, and accessories. They are one of the two largest chainsaw suppliers. The other large chainsaw supplier is Sherrill's.) John feels the best option is to bring a second chain on your field expedition, so you don't have to take time to sharpen while cutting.



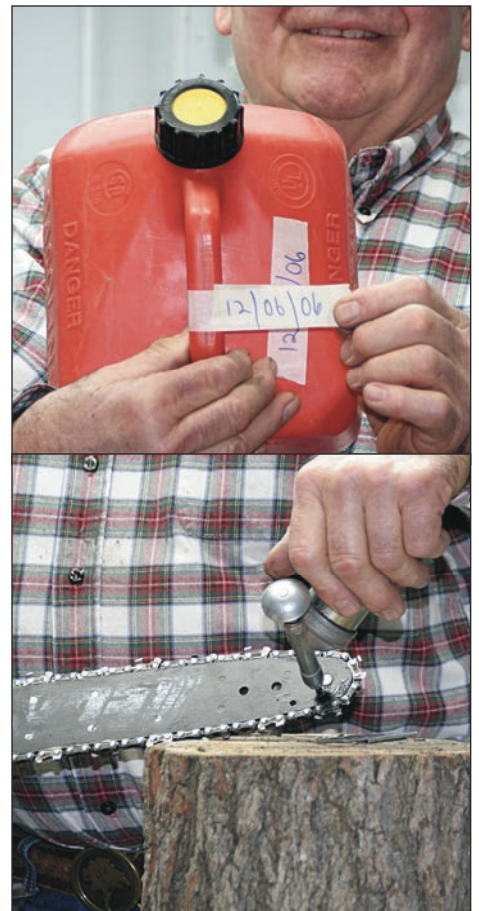
Maintenance

Saws operate in harsh environments, and maintenance is important. John recommends using fresh fuel

and cleaning air filters frequently. Use newly mixed fuel, the right grade of oil, and drain the saw's fuel tank if you won't use it for a while.

Adjust the chain tension according to the manufacturer's recommendation, clean the sprocket cover area and the bar's chain groove, and lubricate the roller at the nose of the bar. Grease the bar sprocket every 3rd tank of gas.

John recommends the books *Harvesting Urban Timber* by Sam Sher-



Above: John marks dates on his fuel/oil mixes. Below, lubricating the nose roller with a grease gun.

rill, *Turning Green Wood*, by Michael O'Donnell, *Wood for Woodturners* by Mark Baker, and *Wood Identification and Use* by Terry Porter. These books detail the benefits and health issues associated with the most common woods, and talk about how to cut them to get the most out of your efforts.

Continued from page 4.



Dick Pickering showed off a nutcracker made for his son, painted in the son's high school football uniform colors and insignia.

Tony Bryhan brought a large oak bowl, colored with steel wool and water, and finished with tung oil.

Rich Johnson showed off the newly powder coated ways for his Stubby. He also showed a bright white compact fluorescent light in a fixture, to help him see into bowls on his lathe.

Clockwise from top left: Dick Pickering, Rich Johnson's newly powder coated lathe, and Tony Bryhan.



Christmas ornament and compact mirror by Jim Gott.

EDITOR'S NOTES

"I cannot say whether things will get better if we change. What I can say is that they must change if they are to get better."

George Christopher Lichtenberg, 1742-1799

Moving on

Phil Roybal

I leave the post of Secretary/Editor with sadness, satisfaction, and anticipation of things to come.

This newsletter has changed quite a bit in the six years I've edited it, as has the technology which gives it leverage. In 2001 we published on paper, and *Chips & Chatter* was unknown except among SVW members and a handful of people from other clubs. It was our private conversation with ourselves. Today, available around the world on our web site, the newsletter is our public voice, a recruiting tool, and a source of recognition for SVW. Last year, AAW chose it as the top chapter newsletter in the nation.

Making a great newsletter is hard work, and I thank those whose contributions made it possible: Rich Johnson, for getting the big-name demonstrators, writing his monthly column, and for the Challenges that kept us turning; Jim Gott, for his great photography; Mike Pogue, for his wonderful (but all too brief) Beginner's Mind series; Al Gore, for his library inputs; Ard Sealy for setting up the demos that kept our meetings lively; and Steve Rosenthal, for putting our newsletter on the web. Going back in time, more names would join that list.

I have done what I can with *Chips & Chatter*. It's time to pass it to fresh hands. Lloyd Frisbee is already hon-

ing his software publishing skills, and he'll make a fine editor. I expect you'll see some elements that are bright and new, while others stay the way they are for a while. I'm looking forward to his January issue. Meanwhile, Howard Cohen will take over the Secretary's duties, giving them the time they deserve and freeing Lloyd to focus on the Editor's job. Please give both of them your inputs and support.

Me? I look forward to sitting in the audience at our next meeting, and reading all about it when the newsletter comes out.

Phil



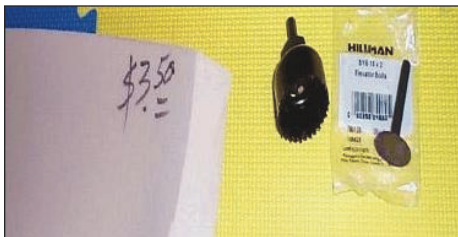
Chips & Chatter as it evolved between 2000 and 2006, along with the AAW award platter for Best Chapter Newsletter, 2005.

How to Make Inexpensive, Foam Backed Sanders

Bob Heltman

As a serious woodturner, I've come to prefer those wave-edged and Velcro® backed 2-inch sanding discs. They adhere to a foam based pad, attached to a metal shaft that fits in a hand drill. However, I noticed when doing some serious sanding, the sanding disc began coming off, and would stick back less well each time. It turned out that, due to heat buildup, I was melting the little Velcro hooks, especially at the outer edge of the disc, and had ruined the pad.

If you look at the prices, these interface backing pads cost about



\$4.50 each, and a whole kit can run up to \$49.99, just for the 2" diameter size. This was marinating in the back of my mind, or perhaps festering would be the better word, when my wife and I were on a shopping trip. We stopped in a foam and fabric store. As she went about her shopping, I looked around and just happened to notice a bin of scrap foam. Therein I found a pad of closed cell foam that

felt about like that used in the sanding kits. I bought a chunk 1-1/4" thick by about 15" x 18" for \$3.50. Next, at the hardware store, I found what is called an Elevator Bolt, 2 inches long, with a perfectly flat head 1" in diameter. I bought several at 63 cents each. In the electrical part of the store I found a 2" diameter hole saw. Back home, I had silicone rubber and some adhesive-backed Velcro strips.

The plan was to put the hole saw in my drill, and then hold it against the grinder to form a knife edge in place of the teeth. But, I thought I'd try the hole saw first (drill center removed), and it worked. With a scrap board on the floor and the foam held with my foot, I set the drill on high speed



brought it steadily straight down. Although the sides were rough, I had my foam plug 2" in diameter. All that was needed was to glue on the elevator bolt and the Velcro. I made several



Bob Heltman's self-portrait, wearing a spalted butternut bowl hat and brandishing an Ellsworth ground gouge and a modified Hunter Tool.

units so I can keep one for each type of grit.

A more perfect job can be done in a drill press by first clamping the foam between two scrap boards. Pads thinner than 1-1/4" are made by slicing horizontally with a sharp utility knife as the glued up unit is rotating in a drill press chuck, before applying the Velcro. Maybe next time. For now my cost controlled ugly ducklings work just fine.

© Bob Heltman, 4/2003
Carolina Mountain Woodturners
bobh@leadingedgepands.com)

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CHRISTMAS PARTY



Merry revelers gathered at the Johnsons' house for the Silicon Valley Woodturners' annual Christmas Party.

Rich, Michelle, and Craig Thorson had worked hard to decorate the shop, and it had a festive air. A tree, garlands hung from the ceiling, and the newly powder coated (bright red!) Stubby lathe contributed to the atmosphere.

Dinner was pot luck, with the club supplying turkey and beef main dishes. There was plenty of wine, great hors d'oeuvres, and lots of dessert to please party goers.

Al Gore was first in line for the stealing gift exchange, a highlight of the party. He got Phil Roybal's half-round turning tool, but quickly lost it to Jim Gott, who himself lost it to Howard Cohen. As always, third owner keeps the prize.

Jeff Thorson returned to the table several times, as each thing he unwrapped was stolen by someone else.

The Petrettis came with a special gift for Rich and Michelle, a locomotive wall sculpture featuring the logos of many great railroads.

Thanks to Rich, Michelle, and Craig for a fine party.

Clockwise from top left: The chow line, dinner time, the decorated Stubby, Al Gore gets the first gift, the locomotive wall sculpture, Gary Petretti unwraps a Jim Gott ornament, and Craig Thorson's first trip to the gift table.



GUEST ARTIST



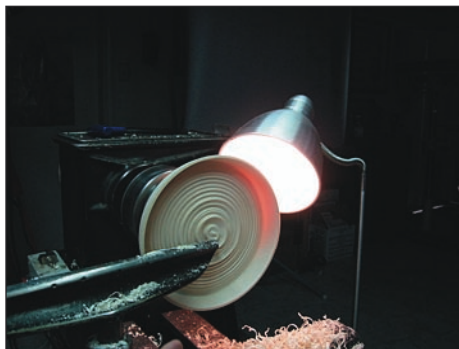
Chicago turner Binh Pho was our guest artist in November, weaving stories of his Viet Nam childhood, imprisonment by the Communists, and escape to the U.S. in with tips on how to do his unique style of decoration.

Binh showed us how he turns his bowls less than 1/8" thick, then shear scrapes them to just over 1/16" so they will be easy to pierce with patterns. He works down the sides, an inch at a time, until he reaches the bottom.

When his bowl is ready to decorate, he transfers an image onto it from a xerographic print, using xylene to release the toner from the paper.

He masks areas of the bowl he doesn't want painted, using frisket, paper, or masking fluid. Then he airbrushes translucent acrylic paint

on in thin layers. He prefers Golden brand colors, from Dick Blick (www.dickblick.com). He sprays these with a stainless steel Iwata airbrush at 25 PSI.



Binh sprays color in gradients, ranging from heaviest next to a mask edge to lighter out away from the mask. He changes hues without cleaning his airbrush, blending colors right

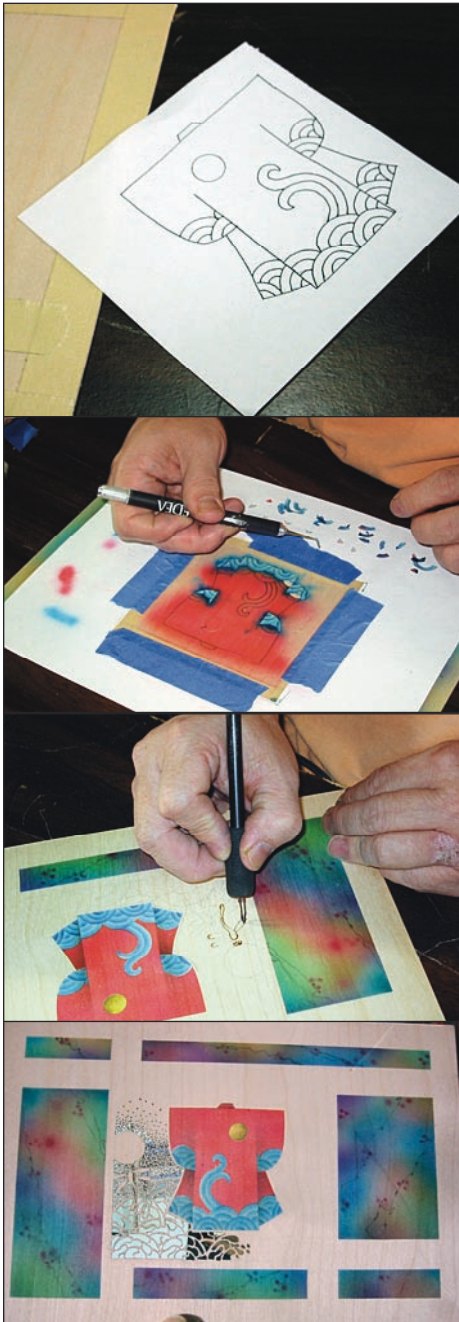
in the brush. These techniques give him the effect of layers and movement within his images.

Binh creates shadows with "Shading Gray" color sprayed on top of other colors. He blends colors with a xylene felt pen called a "colorless blender".



Left: turning thin with the aid of a lamp. Above, top to bottom: the mostly-hollowed bowl, Pho's shear scraper, and a bowl with carved rim and airbrushed and pierced sides.

Continued on next page.



When painting is complete, Binh pierces his pieces with an NSK 400,000 RPM air rotary carver, using both positive and negative space approaches to develop the images. He takes care to avoid repetitive piercing shapes, and instead has them follow the lines of the image and of each other. He runs his carver at 44 PSI.

Binh often sprays pierced areas with Liquidtex acrylic interference colors, which show only on the burned inside edges of the piercings. This give the pierced edges a shimmering appearance. He may further decorate the bowl by woodburning, and by stippling with #1 or #2 burrs to add texture around painted or pierced areas.

Binh is a generous and engaging instructor. His unique style is instantly recognizable. While most of us wouldn't want to do it just the way he does, his techniques allow us to add decoration in our own styles.

Clockwise from top left: A kimono masking pattern, a pierced and airbrushed bowl in process, Binh working on the bowl above, books and DVDs Binh brought for sale, closeup of painted dragonflies and cherry blossoms on the bowl, a practice piece on 1/16 plywood, woodburning a dragonfly onto the board, carefully cutting away part of the mask with an Xacto-style knife.



SVW needs YOU

It takes more than the officers and program chairs to make our club function at its best. If your name's not in the column at right, we still need your help in smaller ways to manage some of the club's activities.

This is a HELP WANTED ad, and we need you to respond. There are always things that need doing here. In particular, we need:

- Volunteers for shop tours
- A Ways and Means Chair
- Volunteers to present at meetings
- Members to write up their profiles for the newsletter
- Short articles for *Chips & Chatter*

Please volunteer to Rich Johnson and help make our activities happen.

Sharing Knowledge

MEMBERS: Please contribute your expertise to our newsletter. The editor will help you get your article ready if need be. Deadline is the 12th of the month.

OTHER WOODTURNING

CLUBS: you may use materials in this newsletter for the benefit of other turners. Please credit Silicon Valley Woodturners and the newsletter month and year for any material you use, and mention our web site: www.svwoodturners.org. Note that if we've flagged an article as having been

reprinted from another source with permission, you must secure that same permission in order to use that material.

Volunteer Instructors

The turners below have graciously offered to open their shops to help members who want to learn to sharpen, try something new, or master a technique that just doesn't seem to be working. We all love to share. You just have to ask.

Willing to help? Contact Phil Roybal to join this list.

Rich Dege	(408) 272-8122
Jim Gott	(408) 265-9501
Rich Johnson	(408) 254-8485
Phil Roybal	(408) 255-4789

Join Silicon Valley Woodturners

Want to join a great group of turning enthusiasts in an atmosphere of sharing and camaraderie? Become a member of Silicon Valley Woodturners.

We meet on the first Wednesday of each month. See page 2 for details. Drop in at any meeting and check things out. To join, contact Rich Johnson (see listing at the right).

Learn more about our club on the web at www.svwoodturners.org.

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Librarian

Al Gore (650) 254-1173
allan_gore@peoplesoft.com
(with Craig Thorson, above)

STAFF REPORTS

RICH JOHNSON (PRESIDENT)

Rich gave a presentation to the Tuolomne Woodworkers Association. They want to know how to get our newsletter.

Binh Pho made a bowl during his demo and left it behind for us to play with. Does anybody want it? We'll raffle it. Rich also donated a set of prints of Pho's work.

AL GORE (LIBRARIAN)

We have almost finished copying our VHS library tapes onto DVDs. Rentals are \$2 per month per video, and instructions on how to use the library are posted on the library cabinet door. Al will be buying Jimmy Clews' 3-DVD set. If you have ideas for other library additions, contact Al Gore.

PHIL ROYBAL (SEC'Y/EDITOR)

I will provide a DVD for the library next month, containing all the newsletters from 1998 to the present.

CRAIG THORSON (TREASURER)

Treasury reports are available to members. See Craig.

DICK PICKERING (APPAREL)

Hats are now available at \$10 each. Be sure to wear your SVW insignia when you work shows such as the Home and Garden Shows as an SVW staffer.

LLOYD FRISBEE (SUNSHINE)

Let Lloyd know if a club member needs a get-well card, a new-member info packet, or some other contact from the club.

Other Business

OFFICER ELECTIONS

We elected our 2007 officers at the December meeting. Officers and Chairs for the coming year, running unopposed and elected by unanimous voice vote, include:

- President (for life) Rich Johnson
- VP/Program Chair John Whittier
- Secretary Howard Cohen
- Editor Lloyd Frisbee
- Treasurer Craig Thorson
- Librarian Al Gore
- Apparel Chair Dick Pickering
- Webmaster Steve Rosenthal
- Sunshine Chair Rebecca Frisbee

Rich Johnson will continue to arrange guest artist workshops. We still need a Ways and Means Chair to handle wood for demos and raffles.

Thanks to all those people willing to give their time so the club can run smoothly.

DUES

SVW dues are due for 2007. The price is \$25 for the year-a bargain! Give your check (made out to SVW) or cash to Craig Thorson at a meeting or Sawdust Session before February.

It's also time to renew your AAW membership. Those who renew now will be in the running for a lathe as part of the AAW's membership promotion. Check out their web site at www.woodturner.org.

PHOTO GALLERY WEB SITE

Steve Rosenthal has put up a gallery web site where you can upload photos of work to your personal page, for all the world to see. Contact Steve for information about how to display photos of your work there.

HOME & GARDEN SHOW

We are no longer in the DMG Home and Garden shows, because they have been selling out their exhibit space and don't have any to give to us in return for our demonstrations. However, Joe Milligan (who originally got us involved with DMG but no longer works there) is working on a new Home and Garden Show to run at the San Jose Fairgrounds in March. He would like to have us participate. Stay tuned for more information.



Half-round spindle tool of A2 steel, brass, and walnut, by Phil Roybal

FOR SALE



*Rosewood and bleached veneer
bottle stopper by Herb Green*



Even Roy wants to know...
How did you do that?

Rich Johnson's
Woodturners' Boot Camp
Learn the basics, from chainsaw
to polish. An all day class. Book
available. Sign up now. (408) 254-
8485.

CALENDAR

January

3RD

Regular club meeting:
Daryl Gardener on Mirka sandpaper.

5-7TH

Spring Home and Garden Show at
Santa Clara Convention Center

14TH

Trent Bosch demo

February

7TH

Regular club meeting

10-11TH

Desert Woodturning Roundup
Mesa Convention Center
Mesa, AZ

23-25TH

Spring Home and Garden Show and
San Mateo Expo Center.

March

7TH

Regular club meeting

9-11TH

Spring Home and Garden Show at
San Jose Fairgrounds.

April

4TH

Regular club meeting

13-15TH

The Woodworking Show
Alameda County Fairgrounds, Pleasanton.

27-29TH

San Jose Home and Garden Show
San Jose Convention Center

May

2ND

Regular club meeting
Top Night!

All events take place at Rich Johnson's Woodturning Center unless otherwise noted.

IRONMAN

Ironmen are those who complete all 12 President's Challenge projects for 2006. Those who meet the challenge are awarded distinctive IRONMAN name badges. A green bar in the chart below means that person

has completed the project for the month indicated.

You needn't be a great turner, you just need to participate. Make something in our Challenge theme and bring it to the next meeting.

Editor's Note

If I've overlooked your President's Challenge entry somehow, e-mail Phil at prmguard-svweditor@yahoo.com.

J F M A M J J A S O N D

Michael Batek												
Bob Bowers												
John Brugo												
Tony Bryhan												
Howard Cohen												
Steven Dahout												
Bill Daniels												
Rich Dege												
David Feind												
Lloyd Frisbee												
Rebecca Frisbee												
Ron Geren												
Al Gore												
Jim Gott												
Herb Green												
Rich Johnson												
Barbara Jones												
Harry Levin												
John Overmire												
Rick Parfitt												
Gary Petretti												
Dick Pickering												
Mike Pogue												
Steve Rosenthal												
Phil Roybal												
Mike Rude												
Robert Sakauye												
Carolyn Salinas												
Frank Salinas												
Ayman Sayed												
Ard Sealy												
Bob Tang												
Craig Thorson												
Glenn Vaughan												
Michael Wiley												

IRONMAN RULES

- Entries must not have been shown before.
- If you miss a month's Challenge, you may bring it to a Sawdust Session, or to the following meeting.
- If you bring a make-up Challenge to a meeting, you must also show the current month's Challenge piece.

2006 CHALLENGES

Dec. Gift