April 2016

CHIPS & Chatter

THE SILICON VALLEY WOODTURNERS' NEWSLETTER

Hollowing 101 with Dennis

Dennis Lillis gave an informative and rapid fire demonstration of his hollow form turning techniques at the April 6th meeting. Dennis brought enough samples of his hollow forms to cover a table top, ranging in size from large Grecian Urn looking pieces to more modest sized Southwest inspired vessels. Whether highly polished or just finished with shellac, each piece reflected Dennis's mastery of the form.

In preparing a blank for turning into a hollow form Dennis bores a 1 inch diameter hole about a half inch deep into the end that will be the top and uses this recess to register his four spur drive in the headstock. After bringing the tailstock with a live center into play, he finish rounds the blank and develops a tenon he will use to hold the vessel during hollowing. Dennis stressed the importance of taking time to prepare a proper tenon and to size the tenon as large as practical for the vessel.

While the blank is still between centers he begins to evolve the outside shape. He will leave a considerable portion of the lower section of the vessel in the rough turned shape at this time in order to maintain a proper balance of mass to ensure rigidity during hollowing. One of the skills one needs to be successful at hollowing is to be able to keep the final shape in one's mind's eye during the whole process, a skill Dennis has keenly developed.

Once he is satisfied with the preliminary outer shape he remounts the vessel-to-be in his four jaw chuck and tightens it securely. With a hand held 3/8 inch diameter drill he bores a depth stop hole to begin the hollowing process. For the sake of the demonstration, he bores two one inch diameter holes opposite each other at the waist of the vessel. This will allow the chips to escape, rather than him having to stop and clear the accumulated chips. The picture on the right shows the chips flying out of the holes.

Continued on page 4

John's Message

The Ashley Harwood demo was indeed a very good one. She started off talking about sharpening and proceeded to set up the grinder and sharpen her tools. She explained the 40 degree rule in detail. She used no jigs for sharpening save for a measurement device. The club bought her video on turning. In the video she also covers sharpening. Those of us at the demo may need to use the video for review. I recommend anyone wanting to know more about sharpening to checkout this video. See our Librarian for details.

Over the next several weeks our club will need to supply three to five "helpers" for the school wood shop pen turning program. Please download the forms and fill them out. If you have any questions call or email Gordon Patnude.

Remember this month's challenge has been changed to Natural edge. Toy/ top will be in June.

Don't forget to bring some extra money for raffle tickets. Paul Rygaard has them. They are $5.00 each or 6 for $20.00. First prize is the Jet mini on Stand. Second prize is a steady rest. I will bring it to the meeting in

The May Program
will be:

Phil Roybal
Tips & Techniques
for
Turning a High Performance Top

2016 Calendar of Events

January	February	March
Meeting: Wed. the 6th President's Challenge: Spindle Program: Mike Sooder 3M Abrasives	Meeting: Wed. the 3rd President's Challenge: Bowl Program: Jim Rodgers Treaded Boxes Feb 20, Eric Longstrom	Meeting: Wed. the 2nd President's Challenge: Lidded Turning Program: Jon Sauer Ornamental Turning
April	**May**	**June**
Wood Fest @ Dennis' 4/02/16 Meeting: Wed. the 6th Pres's Challenge: Goblet Program: Dennis Lillis Holllowing Ashley Harwood April 10	Meeting: Wed. the 4th President's Challenge: Natural Edge Program: Phil Roybal Turning a Top	Meeting: Wed. the 1st President's Challenge: Top/Toy Program:Everyone! Top Night
July	**August**	**September**
Meeting: Wed. the 6th President's Challenge: Plate/Platter Program: Bob Gerenser Hollowing DIY Visual Aids Sharon Doughtie Demo & Workshop	Meeting: Wed. the 3rd President's Challenge: Hollow Form Program: Brian Havens	Meeting: Wed. the 7th President's Challenge: Craft Item Program: Josh Salesin Vacuum Kilns Picnic Sept 17
October	**November**	**December**
Meeting: Wed. the 5th President's Challenge: Artsy Program: Gordon Patnude Pen Turning Oct. 20 Brad Adams WBW	Meeting: Wed. the 2nd President's Challenge: Ornament Program: Bob Bley Fractal Burning	Meeting: Wed. the 7th President's Challenge: Favorite Program: Christmas Party

Hollowing 101 with Dennis, continued

Dennis has an impressive array of hollowing tools, which enable him to craft the range of sizes that he does. For the task at hand he selects one of his favorites: a Jackofski's Hollow Pro tool, featuring an articulated tip micro tungsten carbide cup cutter. As he explained, he opens the drilled hole to reach his desired opening size and then, starting at the center hole again, he advances the tool and repeats the process. He continues to hollow the vessel, working toward the sides to near finish thickness as he advance into the vessel until reaching the bottom of the depth hole.

In normal circumstances he would have changed tools along the way to a round tip scraper to finish smooth the interior surface. In this demonstration situation, once Dennis reached his target depth he returned to shaping the lower section of the outside. He then parted the vessel off, mounted a sanding pad into the headstock and finished the bottom.

While some may say that hollowing is akin to operating a table saw with a blindfold on, Dennis showed that by securely mounting the blank, having a proper tool and practicing, hollowing can be a rewarding experience.

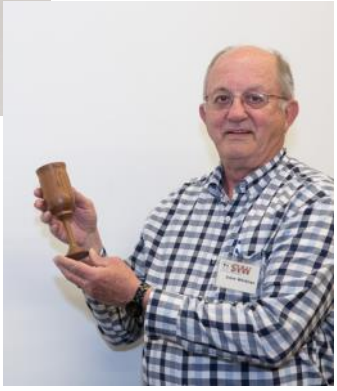
Club Mini-Lathe Raffle!

The Board of Directors has determined that since the club's Jet mini-lathe is no longer being used, the mini-lathe, including a mobile base, will be raffled off. Tickets will go on sale starting with the March meeting and the raffle will be held at the Annual Club Picnic on September 17Th. Tickets will be $5.00 each or 5 for $20.00. Paul Rygard is the Ticketmaster for this.

In case you missed it, here's John's picnic announcement:

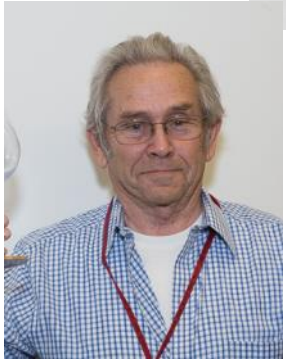
This year's picnic will be held on 9-17-2016. Location still to be finalized but I am trying for the same one we had last year. President's Challenge for the picnic will be make something out of wood furnished by the President. Can be any wood turned form. The wood can be cut, recut, glued but must be turned. I will bring the wood to the meetings for you to pick up. Have fun with this and maybe you will win the $100.00 prize.

Monthly Challenge "Goblet"



John Whittier
400 yr old redwood ,

finished with wipe on



Johnny Alias

Apple wood and glass,

Mike Lanahan —
Irish wedding goblet w/

2 captured rings

Paul Rygaard —
Vacuum Kiln dried Liquid Amber w/ General Salad Bowl finish

Monthly Challenge "Goblet"

Pete Zavala —
Set of 3 walnut burl goblets with blackwood stems.
Home brew waterlox

Bob Gerenser —
Three piece Maple Goblet

Greg Peck —
Goblet mimosa w branch; 50/50, Tripoli, white Diamond finish.
Feb makeup—Lidded Box, mimosa. 50/50, Tripoli, White Diamond

Dick Westfall —
Goblet, unknown wood.
Makeups: Pen, unknown wood; bowl –cherry & walnut; box—Maple & walnut.

Monthly Challenge "Goblet"

Joe Martinka — Four rough turned goblets from birch, to be continued later

Gary Keogh — Mystery wood goblet; birch thin stem goblet. Wipe On Poly, Milands Friction Polish

Bob Bley — Black Walnut Goblet, cactus juice stabilized, fractal burning with turquoise inlay

Milton West — Goblet, mult-axis, black cherry,

Monthly Challenge "Goblet"

Oscar — Goblets

Herb Green — Square goblet, melamine lacquer, liquid plate

Don Bonnett — Ambonia burl, natural edge, shellac

David Brown— John Beaver inspired multi-wave pattern goblet. Natural edge redwood burl goblet

Monthly Challenge "Goblet"

Marcus Moody —
Olive & wood from Hawaii goblet;

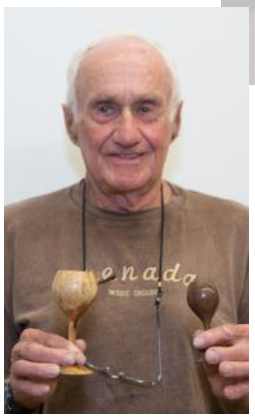
Scott Landau —
Redwood burl goblet;
“Oscar looking” goblet

Gordon Patnude —
- Tale of Two Goblets -
Walnut top & bottom,
purple heart;
Explosion unlocked the

Brian Havens —
Drunken goblet;
Jan makeup - “All Rounder” tool handle;
Mar makeup - Thermd Box

Monthly Challenge "Goblet"

Barb —
Chalice, dogwood,
shellawax



Jim Donovan —
Juniper and walnut

Show & Tell

Pete Zavala —
Blue oak small bowl and

Mike Lanahan —
Almond bowl w
decorative bead,

Bob Gerenser—
DIY Grading sleeves.
McMaster-Carr,
polyester mesh disks.
0.331, 0.0148 openings

Paul Rygaard —
My first pens.

Milton West —
Ten pens, willow
Acacia, shellawax
FOR THE TROOPS

Gary Keogh —
Red oak burl bowl,

Show & Tell

Dennis Lillis —
Fairing the curves.
"Be the chicken"

Tom Schmida—
Natural edge

Raf Strudley
Black acacia, 23" dia.

Jim Cearly —
Iron bark eucalyptus
bowl, around my house
for 15 years, "saved the
bark".

Show & Tell

Scott Landon—
Segmented Bowl

Tom Nelson
Rolling pin & natural
edge bowl

Gary Petretti—

Ornamental turning on
fishing reel face plate

Ashley Harwood

Ashley Harwood presented a full day demonstration on April 10th at the Santa Clara High School woodshop to an enthusiastic audience. This was another joint venture between Silicon Valley Woodturners and West Bay Woodturners, an alliance that has proved beneficial to both clubs.

Ashley started the day explaining her preference for the "40-40" grind on a bowl gouge. This freehand grind presents a constant edge angle along the entire working face of the tool, from one end of the left wing, across the nose, all the way to the end of the right wing. This profile cannot be accomplished using a jig, due to the geometry of the swing of the tool. She insisted that, once mastered, this was an easy profile to maintain. Having performed this sharpening routine countless times, she is a living testament to the statement.

Ashley also noted that this grind is only achievable on a parabolic flute bowl gouge, but alas, manufactures rarely note the shape of their particular flute.

After chucking up a blank in spindle fashion she proceeded to produce a large cove followed by a large radius bead. Her message was that we, as woodturners, never practice. We all put wood on the lathe with the intent of producing something practical, or at at least finished. Her point was that we should take the time to work on our skills, especially those that give us the most trouble.

Ashley's first turning of the day was a sea urchin ornament with an Ebony icicle and top piece. Before she started turning the Ebony she showed how she prepares the foam filled urchins by using a cone shaped grindstone in a drill chuck in the headstock to produce a round hole for the icicle's tenon.

After rounding the Ebony stock, parting it to length and mounting it in a four jaw chuck, she turns a tenon sized to fit the urchin shell and drills a 1/8" hole for a dowel that will act as a floating tenon. She then turned the blank end for end and proceeded to produce an exquisitely long, thin icicle. Working alternately with a bowl gouge and spindle gouge, Ashley shaped the tip and nibbled away at the stock to develop the spear tip of the tear drop. Taking time to sand along the way she demonstrated her preferred method of using cut, not torn, pieces of sandpaper the smooth the surface without losing detail.

Continued on page 17

Ashley Harwood continued

She next developed the tear drop bead and followed this with several bead and cove combinations as she approached the top end of the icicle. Ashley went on to develop the top piece with complimentary design elements and a 1/8' hole for the connecting dowel.

To provide a way to hang her ornaments she drills a small hole centered in the 1/8' hole and all the way through top piece and feeds a length of doubled over fishing line through the hole from the top side. She ties a double knot in the line and pulls it into the 1/8" hole. There is now a loop to hang the ornament from, rather than screwing in a screw-eye.

After lunch Ashley demonstrated the way she turns a bowl using a 40-40 ground bowl gouge, and not much else. Her method is familiar as she rounds the blank to final diameter and starts to shape the bottom, all while the tailstock is in play. Her main message up to this point stresses the importance of having your left hand do nothing but hold the tool down on the tool rest. Do not let your left hand steer, push or pull the tool.

Ashley departs from the main stream of teaching bowl turning after the tailstock is removed and she reaches across the lathe and performs a push cut from the bottom of the bowl to the top, all in one pass. She assures us that there is no dread in crossing the lathe centerline and she proves it.

With the outside of the bowl shaped and a tenon turned on the base, Ashley turns the bowl around, re-mounts it in the chuck and removes the inside waste wood. In order to re-turn the bottom to remove the tenon and form the foot, she turns a jam chuck. Ashley turns a true *jam* chuck, and after finish turning the bowl bottom, she must turn away the jam chuck to release her bowl.

Meeting Minutes - April 6, 2016

Meeting was called to order at 6:58 P.M., by our President John Whittier.

Greg Peck

Visitors/New Members:
Jerry Gallis learned woodturning in high school. Spent 50+ years, most in automotive. Now has a Laguna 1836 lathe, and wants to get back into turning .

— Staff Updates:

- Treasurer (Tom Schmida) Brief update by Tom, the club is in good shape.
- Secretary (Greg Peck) Asked members for show of hands if have not received badge, patch, or hat since becoming member. Four members indicated have not received items. Secretary will work with Gary to get members up to date with these items.
- Membership (Paul Rygaard) Sixty five members, and we are having good turnout at the meetings!
- Vice President (Mike Lanahan) Announced April 10 demo, Ashley Harwood from Georgia.
- President (John Whittier) 2016 Picnic will be at Edith Morely Park in Campbell on September 17. John announced again that he has redwood blanks for the Challenge. Use as much as the wood as you can. Raffle for the Jet lathe. ***One needs NOT be present to win.*** See Paul Rygaard for raffle tickets.
- Vice President (Mike Lanahan) Thanked the group of club members who helped set up the lathes for the high school shop. It was a labor of love, much appreciated by Jason and the club, and Mike.

- Gordon Patnude **Library now has 180+ DVDs.** Use them all you want. Return when due! New DVD on Burning and Carving.
- Gordon Patnude ***Turn for the Troops*** Pens : Gordon requested volunteer help for the pen making class at SCHS. **Keep making pens!**
- Dennis Lillis: Updated on the Wood Event at his house in Santa Cruz hills. A fun time, picking wood, discussing nature of the wood as to how it'll turn, kibitzing. A great morning for 10 club members.

7:20 pm—7:40 — January President's Challenge and raffle — A Goblet

- *See the Member and their work in the photo section of Newsletter.*
- May's President's Challenge is changed to "Natural Edge".

7:40 pm - 7:55 pm — Show and Tell and makeups —

- *See the Member and their work in the photo section of Newsletter.*

8:00 pm - 8:10 pm — Break prior to demo

8:10 pm— 9:25 pm — Dennis Lillis demo on hollow forming

- **Dennis brought his tools for hollowing and tools for "fairing" the shape of the bowl. He also brought a fantastic collection of bowls he had made. Each, a beautiful, unique and finished bowl. There are some pictures of them elsewhere in this newsletter. He described and showed how to create the initial opening in the end of the bowl, then slowly work inward, with patience, stressing the importance of getting the chips out of the bowl as they are made, so the hollow bowl does not fill up.**

~ 9:30 pm—Meeting adjourned after the demonstration.

Cubes in a Sphere

by Fred Holder

In the July/August 2004 issue of The Woodturner Magazine, published in England, there was an advertisement for the Stoneleigh Turning competition for 2004. The featured picture at the top of the page intrigued me and I had to know how to do it. It was obvious from the photo that the original blank was a sphere with six equally spaced stepped holes. This gave the effect of decreasing-sized cubes inside the sphere. The sphere in the photo had six levels of cubes.

Apparently the ball in the photograph was somewhere in the neighborhood of 3-1/2" in diameter. There are at least a couple of ways to do this project: drill steps with Forstner drills or draw circles of the appropriate size and then, using a square end scraper, cut the holes to the proper depth.

Since I normally make the Chinese Ball from 2-1/2" spheres and have a chuck to hold that size sphere, I opted to use that size. I had no idea what size drills to use, so I began to experiment. My first attempt provided a ball with three steps plus a hole in the middle, but the holes didn't intersect one another to give the desired effect of cubes inside the sphere. I finally worked out that the proper depth for a step was 1/2 of 3/8" or 3/16" and the diameter change of drill size needed to change by 3/8" as the drill size changes larger or smaller. At first this didn't seem to work. Then I realized that the original size of the sphere should have been about 2-1/4". I compensated and drilled the first hole 5/16" deep and all of the others 3/16" deep from the bottom of the preceding hole.

Picture 1:This was my first successful attempt to make this project. It is made from Elm and has an African Blackwood base. All holes were drilled with Forstner bits.

In the Beginning

To begin this project, you must choose a spot on the end grain to be the north pole. Then, using this as the starting point, lay out six equally spaced holes on the surface of the sphere. As shown in Figure 1, a straight line from the north pole position to the equator of the sphere is determined by the formula x (radius on x axis) squared plus y (radius on the y axis) squared equals z squared. "z" is the length of a straight line from the north pole to any point on the equator.

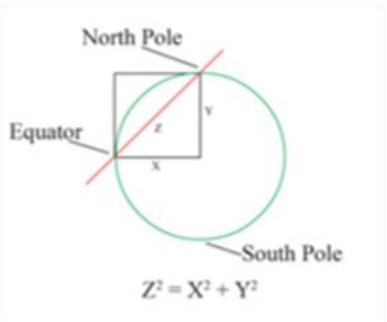


Figure 1. This shows a method of determining the dimension to set your pencil compass to lay out the six equally spaced holes.

This formula simplifies down to z equals the radius times the square root of 2 (or 1.414). For the 2-1/2" sphere, set your pencil compass to the 1/2 of the diameter of the sphere; i.e., 1.25" times1.414, to obtain a value of 1.7675".

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Cubes in a Sphere

by Fred Holder

Here is where one of the first inaccuracies can come into play. It is unlikely that one can set a pencil compass to that precise number. I made up a flexible cardboard template of that length as determined with my digital calipers. Laying the template from the north pole across the surface, I marked three locations about 120 degrees apart on what would be the equator. Then measuring from each of these locations, I made a mark near the south pole. I selected the center of these three marks to be the south pole.

I then mounted the sphere between centers on the lathe and drew a circle around it at the equator location. I engaged the indexing pin and marked one of the holes. I moved 90 degrees (six holes on my Nova DVR 3000 index head) and made another mark. Two more equal moves and I had four equally spaced holes marked on the equator line. At this point, I was ready to start drilling holes. If you can manage to set your pencil compass to the 1.7675" dimension, you can easily layout the holes with the compass. Select a pole position and insert the point. Draw a line around the sphere. On that line select some point and draw another circular line around the sphere. Now at one of the intersections of these two lines, draw another line around the sphere. This gives you a location for the other pole position and four equally spaced lines on the equator line. Of course, all of this assumes that the ball is perfectly round.

Picture 2. In this photo, the tail center is being used to align the ball on center before the chuck is tightened.

Mount your sphere in the chuck with one of the positions aligned with the axis of rotation of the lathe determined by inserting the tailstock center into the intersection of the lines. Lock the chuck down and replace the tailstock center with the drill chuck and a 1-1/2" Forstner drill bit mounted in it. Drill into the sphere until the outside edges of the Forstner drill bit is ready to cut the surface of the sphere. Make a mark on the side of the drill bit that is 5/16" from the surface of the sphere. Drill down to this line. Check to make sure that your hole is 5/16" deep. If it is, use a fine point pen to mark a line on the drill bit to indicate the depth of cut. This is for use on the other five outside holes. Figure 2 shows the relationship of any four holes drilled on the equator at each drill depth.

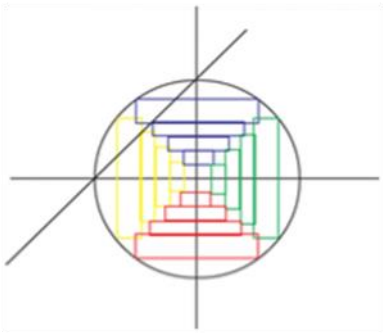

Figure 2. This drawing shows what is happening inside the sphere if a cross section was taken through the center of any four holes.

Note: If the wood is fairly hard and heats up while drilling, I suggest that you arrange to flow air onto the wood and drill bit while drilling to prevent heat cracks and possible failure of the project.

You now have a decision to make. You can align each of the other holes and drill the 1-1/2" hole for each of them before changing to the next smaller size drill. Or you can drill holes with all of the drills with this set up. I'm personally not sure which is the safest. I have done it both ways and had failures doing it both ways.

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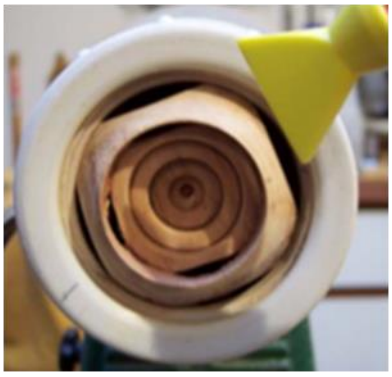
Picture 3: This set up shows the operation of drilling the first step at any given position. Note the mark on the drill which was made after the first hole was drilled in the ball.

Picture 4:By drilling two adjacent holes, you can check to ensure that you are drilling to the proper depth to obtain the optimal overlap of the holes to create the effect of cubes.

All of the rest of the holes to be drilled must be 3/16" deep from the bottom surface of the previous hole and in each case they are 3/8” smaller than the preceding hole. Therefore, the next size down drill is 1-1/8” in diameter. I recommend that you back off your tailstock spindle as far as it will go and make a mark on it to indicate zero. Then make a mark again when the tailstock spindle has moved out 3/16". With the tailstock spindle set to the first mark, move the tailstock assembly in until the drill bottoms against the surface of the previous hole. Lock down the tailstock assembly and drill in until the 3/16" mark appears. Retract the drill and check the depth of the hole. If the drill slips in the chuck or the tailstock slips on its mounting, your hole will not be the right depth. Therefore, I recommend checking each hole for depth. The next hole to drill is the 3/4" hole. It should also be drilled 3/16" deep. Repeat this operation for the 3/8" drill and you are ready for the next hole location.



Picture 5. This photo shows that all of thefirst holes have been drilled and then the other levels on this holehave also been drilled.

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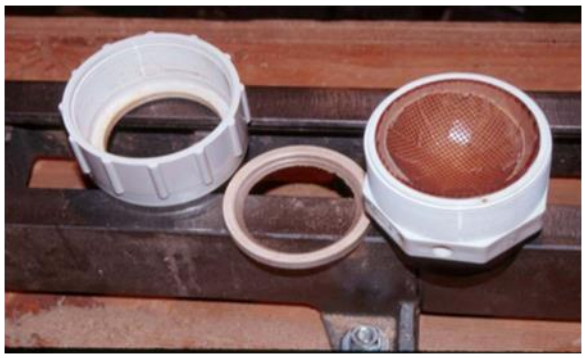
Cubes in a Sphere

by Fred Holder

When all holes are drilled, you should be able to look into the holes and see what looks like decreasing sizes of cubes all connected to the previous layer at their points. A project such as this requires a stand. You could simply make a little egg cup-type stand to set it in; however, it would be hard to keep the item oriented properly using this type of mounting. Therefore, I felt a permanently attached base would be better. I turned the base for the one illustrated in the photo at the beginning of this article out of African Blackwood. I turned a small tenon on the top of the base and drilled a matching hole in the sphere. This hole needs to be located in the center of one of the triangular area between three holes. This gives the best orientation, in my opinion, for the finished project. What I've just described is how I did the first one of these, made out of a2-1/2" sphere. Unfortunately, my 40+year old mathematics doesn't seem to allow me to work out the formula to determine how deep the first hole needs to be drilled on any size of sphere and what size diameter hole is required. I thought I could just use the same formula going up in size as I do in going down in size, but something didn't seem to work here either. What I have determined is that by drilling two adjacent holes of an estimated size, I can determine at what depth that size hole will over lap and give the desired opening at the interception. Using this method, I was able to increase the size of the spheres lightly to give four steps in the sphere. I had to use a different size starting drill, which changed all of the other drills used. Each drill still had to be 3/8"smaller than the previous one and was drilled into the sphere 3/16" deep from the previous level. In this case, the last hole drilled was 1/2" instead of 3/8" as for the smaller sphere. This project required me to makeup a larger chuck out of three inch PVC compression fitting.

Picture 6. This photo illustrates the first successful version of this project and thenumber two version which is made from a larger sphere and contains four steps inside each hole.

Making the Ball Chuck



Picture 7. This photo shows the basic components of the ball chuck that I use. Left to right: screw on cap, plywood washer to fit between the sphere and the cap, male part of the PVC compression fitting is fitted with a hardwood block with a spherical recess. This one has sandpaper glued in to grip.

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Cubes in a Sphere

by Fred Holder

My first chuck of this type was made from a 3” PVC compression coupling. I cut off one end to make a very nice chuck. I glued a 1 inch, 8 tpi nut into a block of elm and turned it to fit inside the coupling, glued the wood into the coupling, inserted four screws to help the glue, turned a hemispherical depression for a 2-1/2” sphere in the elm, turned apiece of 1/4” plywood to fit inside the lid, put the lid and plywood onto the chuck body and turned a hole in the plywood to fit onto a 2-1/2” ball. I then drilled a hole to insert a piece of 3/8”dowel to use as a lever for tightening and loosening the cap, glued a 3” sanding disk into the bottom of the hole (after cutting slots all of the way around), and I had a very serviceable ball chuck. The only problem was that the cap was too big for my hand and I had problems screwing it down and loosening it. I repeated the operation with a 2” compression coupling and used a Oneway Chuck insert instead of a 1 inch 8 tpi nut. Now I have a chuck with a screw-on lid that I can hand tighten and loosen and that can be adapted to any lathe that I can buy a Oneway Chuck insert for. It works great.

These chucks are very easy to make. It takes me about an hour to make one. I’ve found that either a One-way Stronghold Chuck Insert or a piece of cross grain oak with 8 tpi threads to fit a Nova Chuck Insert work very well for me. However, you can mount the wooden block onto a dedicated face plate to fit your lathe.

Another thing that I’m doing these days is to coat the spherical hollow with hot melt glue. I then take a round nose scraper and spread the glue evenly on the surface of the spherical hollow. When I’m ready to chuck up a sphere, I turn on the lathe and sand the spherical hollow lightly with 80-grit sandpaper. This slightly warms the glue surface and allows it to grip the sphere very firmly. I should caution, do not warm it too much or you may find your sphere permanently attached to your chuck.

Have fun with this new way to decorate a sphere!

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CLUB NOTES

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 other 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. In particular, we need:

- Volunteers for shop tours
- Volunteers to present/ demonstrate at meetings
- Members to write up their profiles for the newsletter
- Short articles or Tips & Tricks for the *Chips & Chatter* newsletter

Please contact Mike Lanahan to volunteer

2016 Silicon Valley Woodturners Officers, Staff, Volunteers, and Contacts

President	John Whittier	(408) 379-3722	turninghands@yahoo.com
V.P./Programs	Mike Lanahan	(408) 926-9330	Mikelan@aol.com
Treasurer	Tom Schmida	(831) 688-3866	tschmedia@sbcglobal.net
Secretary	Greg Peck	(408) 281-9156	gregoreo@me.com
Newsletter Editor	Bob Gerenser	(408) 262-5411	bob.gerenser@sbcglobal.net
	Greg Peck	(408) 623-9156	gregoreo@me.com
Hospitality	Barbara Jones	(408) 257-9385	northbaj@att.net
Membership Chair.	Paul Rygard	(408) 866-0390	prygard@yahoo.com
Photographer	Jim Gott	(408) 265-9501	jgtimp@aol.com
Property Mgmt.	Gary Keogh	(408) 281-9054	gkeogh@sbcglobal.net
Librarian	Gordon Patnude	(408) 267-6789	gppatnude@comcast.net
Webmaster	Pete Zavela	(405) 849-2858	zavelawoodturning@gmail.com

Sharing Knowledge

MEMBERS: Please contribute your expertise to our newsletter. The editor will help you get your article ready if need be. Deadline is one week after our club meeting.

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 / Mentors

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 Mike Lanahan to join this list.

Jim Benson (831) 475-5615

Jim Gott, jgtimp@aol.com , (408) 265-9501 sharpening, design, natural edge bowls, boxes, goblets, tool control, you name it. Anything but segmenting.

Mike Lanahan, lanahan.mike@gmail.com , (408) 926-9330 Pepper Mills, Segmented, and Shaving or Makeup Brushes.

Dennis Lillis, denjlillis@gmail.com , (408) 353-3821 Hollowing, sharpening, and coring

IRONMAN

Ironmen are those who successfully complete all 12 President's Challenge projects for the year. Those who meet the challenge are awarded coveted and distinctive IRONMAN name badges. A blue bar in the accompanying chart 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.

President's Challenge 2016	January Spindle	February Bowl	Lidded Turning	April: Goblet	May Top/Toy	June Natural Edge	July Plate/Platter	August Hollow Form	September Craft Item	October Artsy	November: Ornament	December Favorite	Picnic
Alias, Johnny	■	■	■	■									
Baulsbaough, Steven		■											
Bley, Bob			■	■									
Bonnett, Don				■									
Brown, David	■	■	■	■									
Donovan, Jim				■									
Gerenser, Bob	■	■	■	■									
Gott, Jim	■												
Green, Herb	■	■	■	■									
Havens, Brian	■	■	■	■									
Jones, Barb	■	■	■	■									
Keogh, Gary	■	■	■	■									
Lanahan, Mike	■	■	■	■									
Landon, Scott			■	■									
Lillis, Dennis	■	■	■										
Mackenzie, Colin	■	■	■										
Martinka, Joe	■	■	■	■									
Moody, Marcus	■	■	■	■									
Patnude, Gordon	■	■	■	■			■						
Peck, Greg	■	■	■	■									
Rygaard, Paul	■	■	■	■									
Schmida, Tom	■	■	■										
Sealy, Ard	■	■											
Thomas, Larry			■										
West, Milton	■	■	■	■									
Westfall, Dick	■	■	■	■									
Whittier, John	■	■	■	■									
Wittrock, Oscar		■	■	■									
Zavala, Pete	■	■	■	■									

Editor's Note

If I've somehow overlooked your President's Challenge entry, send me an e-mail at bob.gerenser@sbcglobal.net

For a more detailed description of the 2014 President's Challenges, go to:

http://groups.yahoo.com/group/SVWoodturners/files/Forms/

IRONMAN Rules

- There are twelve challenges listed for the year and in order to qualify for Ironman you must show, by the end of the year, that you have completed all twelve challenges.
- Challenge entries should be shown at the meeting corresponding to the challenge schedule.

Next Meeting...

Join us Wednesday, April 6th @7:00PM
Santa Clara High School Woodshop
3000 Benton St, Santa Clara, CA
It is right across the street from the Baptist Church sign, and just past (coming from Kiely) a No Entrance sign.

May Program: Phil Roybal "Tops"

May Challenge: Natural Edge

Dinner before the Meeting:
Watch for email update

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 John Whittier (see contact list), or just complete the application form below and mail with check to Grant. Learn more about our club on the web at www.svwoodturners.org.

Silicon Valley Woodturners Membership Application

Please print and mail with a check payable to SVW for $35* individual ($45* family) to:
Paul Rygard, 255 Prince St. Los Gatos,CA 95032
Name _____
Address _____
City _____ **State** _____ **Zip** _____
Phone(s): home:_____mobile:_____
Email _____ **Website** _____
Lathe(s): _____
Current Member of AAW? Yes ___ No ___

Member-ship*	Renewal	2nd Quarter April - June	3rd Quarter July - Sept.	4th Quarter Oct. - Dec.
Individual	$35	$25	$20	$10
Family	$45	$35	$30	$15

Selected Symposia & Exhibits

Utah Woodturning Symposium
May 12, 2016 to May 14, 2016
Orem, Utah
http://utahwoodturning.com

AAW 30th Annual International Symposium
June 09, 2016 to June 12, 2016
Atlanta, Georgia
http://woodturner.org/?page=2016Atlanta

American Craft Council San Francisco Show
August 05, 2016 to August 07, 2016
San Francisco, California
http://craftcouncil.org/post/2016-american-craft-council-shows

Fourteenth Ornamental Turners International Symposium
September 24, 25, 26 & 27 - 2016
Denver, Colorado
http://www.ornamentalturners.info/Community/symposium.php

5th Segmenting Symposium
October 27-30, 2016
Marriott Quincy, Quincy MA
http://www.segmentedwoodturners.org/symposium.php

FOR SALE

McNaughton Adjustable Face Plate
For Sale or trade

Rich Johnson
209-710-8785
Rjlatheart@gmail.com

Smocks, SVW colors. $30 (SVW patch not included). Contact John Whittier for details. (408) 379-3722, tuinghands@yahoo.com

Bandsaw Cutting Round Disk Sets, numbered, with center holes— These sets of 1/4" thick MDF disks increment by 1 inch from 4" to either 12" or 20", depending on the set. 4"-12" set (shown), $14, or the 4"-20" set, $20. Contact John Whittier for details. (408) 379-3722, turnturninghands@yahoo.com

FOR SALE

NOVA woodturning lathe plus accessories

I am selling my Nova model 1624-44 lathe after upgrading to a bigger one. This is a great medium to full size lathe for starting woodturning or upgrading from a mini-lathe. The swivel head is a great feature that you might not know you want until you've used it!

Nova 1624-44 general specifications: cast iron bed, swivel head, 16" swing,
24" spindle length, 1.5 hp/110V, 8 step pulley drive, 1-1/4" 8tpi spindle,
MT-2 taper.
Includes drive center, tailstock live center, 12" toolrest, 6" faceplate,
knock-out bar, manual.
Comes with a custom made 1-1/2" thick base that holds 300 lbs of sandbags

(included!). Also two custom made accessory drawers between the legs, plus a tool tray and dust chute. Other than the convenient storage, the added weight helps dampen vibrations with large pieces.

Plus:

- Cast iron leg upgrade replacing the standard hybrid stand.
- Accessory hand-wheel and vacuum port.
- Extra drive belt.

Asking $850 (retail value about $1700)

Also available:

Bed extension allowing up to 44" spindle length. Asking $160.

Hybrid stand. Nice if you want to add more bed extensions to turn long posts or columns. Or you just bought a Nova DVR lathe and need a stand for it. Asking $200.

Outrigger for outboard turning up to 29"dia. , plus 16" bowl toolrest. Asking $225.

*** If you want it all, I will reduce by an extra 15% for a bundle price of $1,225 (Retail totals $2,665). Saves me the hassle of selling piece by piece!

Sold as is, cash only. Located in Menlo Park, mid-peninsula and ready for pick up. Thanks for looking. If interested please email, or call for more information.

650-766-3827