

JULY 2021



Turning Point

THE NEWSLETTER OF
WORLDWIDEWOODTURNERS.ORG



THE SUN IS UP, AND SO ARE THE TURNERS

IT'S JULY, AND IT'S GETTING HOT. IN MOST AREAS IT'S TIME TO CLOSE UP THE SHOP, TURN ON THE AIR AND GET BUSY MAKING SHAVINGS, THAT WILL BE ME.

I'M OUTDOORS AT THE CANOPY DOING ALL SORTS OF THINGS. I'VE SHARPENED TOOLS, CLEANED SOME SURFACE SCUM OFF OTHERS, LASER ENGRAVED EVERYTHING THAT DIDN'T MOVE (ONE DOG BITE WAS ENOUGH). BUT I'M. LONGING FOR SHAVINGS UNDER MY FEET, IN MY HAIR, ETC. I'LL SURE BE REDY WHEN THE FIRST COLD FRONT BLOWS IN. THE AC IS OKAY, BUT JUST NOT ENOUGH.

ARE YOU TURNING? WHAT, HOW, MATERIAL, SIZE, FINISH, WHY? WE WOULD LIKE TO SEE YOUR WORK BY EMAIL OR ON OUR WEEKLY VIRTUAL MEETING.

SEND US YOUR PHOTO, QUESTIONS OF COMMENTS. YOUR WOODTURNING CLUB IS GROWING AND WE WANT AND NEED YOUR INPUT.



SCAN FOR WEBSITE

HELP WANTED

WWW IS IN SEARCH FOR DEMONSTRATORS. WE ARE INTERESTED IN ALL SORTS OF WOODTURNING, ESPECIALLY PROJECTS SUITED FOR NOVICE TURNERS.

If you are interested, contact us at
worldwidewoodturners@gmail.com




Scoop by Matt Harber



MEETING RECAP. JUNE 2, 2021

Doug Miller was with us at the weekly virtual meeting. He shared the following:

"These are the 2 bowls I mentioned Wednesday night. Both of these were received as rough-outs that were too thin in the bottom. The process we used to get around the funnel syndrome of both was the same.

- turned a jam Chuck to fit into the bottom of the bowl.
- place the bowl over the jam chuck, using the live center to center the blank on the jam chuck
- secure blank to the jam chuck with 5-6 spots of hot glue
- flatten the bottom of the blank, cleaning up the opening left by going through the bottom
- glue on the repair block (wood glue)
- turn the repair block to blend into the side of the bowl including a recess to reverse the bowl onto (don't worry too much about going up the outside of the bowl yet. You'll clean it up once you reverse the blank).
- You'll want the bottom of the repair block complete so you don't have to reverse again.
- reverse the blank onto the chuck using expansion mode
- turn the outside to form a smooth curve from bottom to top. Be sure the repair block is fully blended into the lower portion of the side wall.
- establish the rim
- turn the inside of the bowl, smoothing and blending the wall and bottom, blank and repair block.
- sand and finish to final finish
- display for folks to "ooo" and "ahh" over." 

Doug Miller, Woodturner



IF YOU WOULD LIKE TO ADD AN ARTICLE, SHARE WORK, OR SHOW HOW TO REMEDY A PROBLEM, THIS THE PLACE FOR IT.

PLEASE SEND THE ARTICLES, PHOTOS, OR SUGGESTIONS TO
WORLDWIDEWOODTURNERS@GMAIL.COM.

AFTERALL, THIS IS YOUR WOODTURNING CLUB



SEAL IT IN?

Please understand that if 100 Woodturners begin a conversation regarding finishes, we could get at least 200 opinions on what and how to perform the finishing touch. And that's on a slow day.

Finishes can range from a multi-step process of sealer, filler and top coat. This is an age-old process used on millwork, furniture and decorations. But, as you see, it's a three-stage process which takes time and patience.

Please notice that sealer is mentioned as the first step in the process. But, let's change the balance of coats to Varnish, Polyurethane, epoxy paint or even "rattle can" paint finishes. Sealer is, or can be, an important part of the overall process. But why?

Sealer does just what it's described as, a sealer. Sealers, of some sort, have been used in construction and fabrication since the Romans walked this earth. From sealing masonry, thatch, wood, and other products; it was used to block the surface from water, stains and abuse. They have varied from natural, animal-based products to man-made formulas.


By sealing the surface of the wood, fillers, paints and other finishes do not have to compete with the finished product. For instance, you create a piece of work in a piece of wood which has a distinctive pattern of high and low grain textures. A simple coating of your chosen finish product may adhere to these bands in dissimilar patterns. You have worked towards a great bowl, vase, trinket, etc. only to find that even with all the sanding you perform, it's not a good finish.

An easy way to overcome this obstacle is a coat, or two coats, of a lacquer-based sealer will create a stable platform. I mentioned two coats because a very common practice is to apply a coat, allow it to cure, buff with a "Scotch-Brite" pad, and apply another coat.

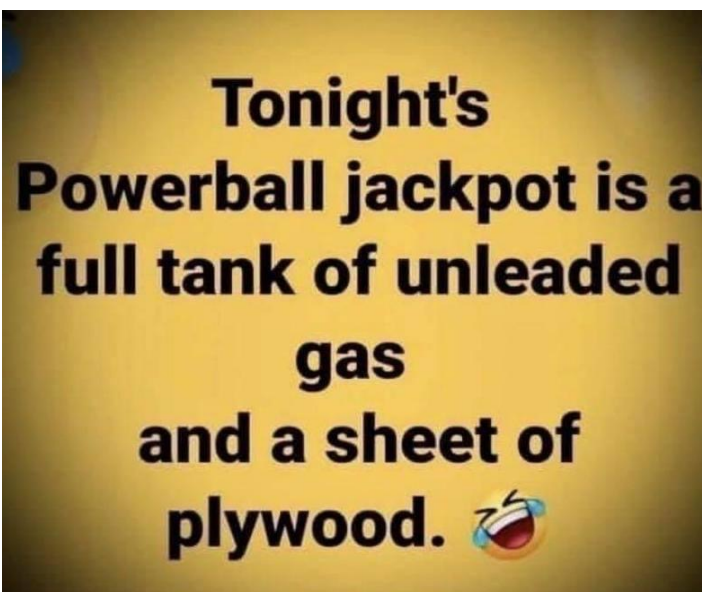
The buffing removes hairs, dust, trash from showing through.

Technically, anaerobic sealants, generally referred as impregnants, are the most desirable as they are required to cure in the absence of air. This is unlike surface treatments which require as part of the curing process. Once the sealant is applied, and cures, it acts as a preventative coating which will resist air, gas, dust, smoke, or liquid through the barrier you have created.

Often used on woodturnings while still mounted on the lathe, the sealant is often thinned to a 50/50 mix. This mainly applies to lacquer-based sealants. I normally mix the sealant with lacquer thinner which allows the product to move more evenly across the surface. Latex products may or may not be diluted with the travel medium, experimentation may be in order for these products.

When asked, "why do you use a sealant", I have a normal response, I believe that my work is worth wearing an overcoat before I continue my finish. Sealants are just a portion of the process of applying a finish. There may be other methods or applications, that's the beauty of woodturning, everybody has an opinion. Opinions are like elbows, every has more than one, and they don't have to match. 

Cap'n Eddie Castelin



Turning Point Gallery

WWW Turning Point Gallery is comprised of photos provided by our membership. If you would like to share your work with our group via our webpage, newsletter or website; please send the photo via e-mail to worldwidewoodturners@gmail.com



Ron Radliff



William Cash

**YOU DON'T GET OLD
WOODTURNING; YOU GET
OLD WHEN YOU STOP
WOODTURNING.**



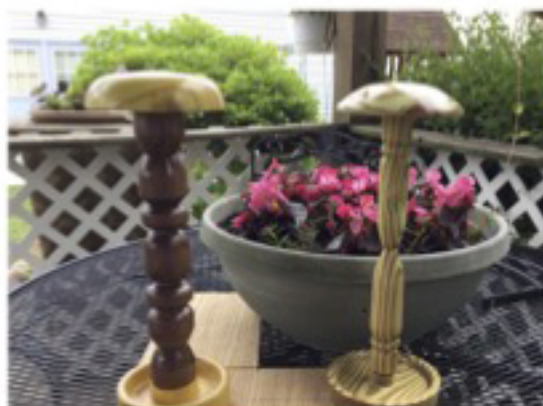
Jason Collett



Harold Haines



Alfred Schembri



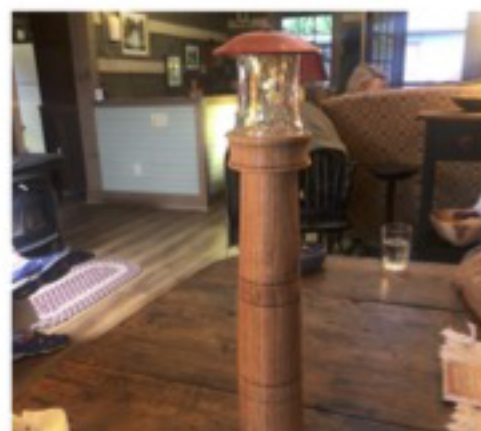
Brenda Thompson



John Brown



Patrick Hoggard



Doug Miller

IPHONE VIDEO TIPS FOR DEMONSTRATIONS

During our weekly meetings we ask all members to get involved with their woodturning club, WorldWideWoodturners.

Involvement can be as easy as being a member of the team which produces the virtual meeting. Acting as a co-host by assisting with gallery assignments, questions or comments in the chap file, or other duties.

But our main request of the members is for them to assist with a tip, trick, hint or demonstration. Many turners believe that they can't produce a video or video presentation because of the equipment required.

But guess what, it's not as complicated as you believe. Seasoned turners, who produce demonstrations for "pay-Per-View", club meetings or product sales, often have to make a major investment in lighting, cameras, switchers, routers, etc. This all comes at a cost that many of us can't afford for what we may call a hobby.


Many of us have been spoiled over the years by the iPhone (or similar device) in our pocket. This device could possibly hold and uses more technology that America used to travel to the moon. That technology includes a very high-resolution camera, powered by the phone's battery. I have one which will take panoramic, video, portrait, and filtered images.

I have a rather inexpensive tripod set-up I purchased through Amazon.com. It has adjustable legs, a multi-purpose swivel head, storage bag and the adjustable phone clip.

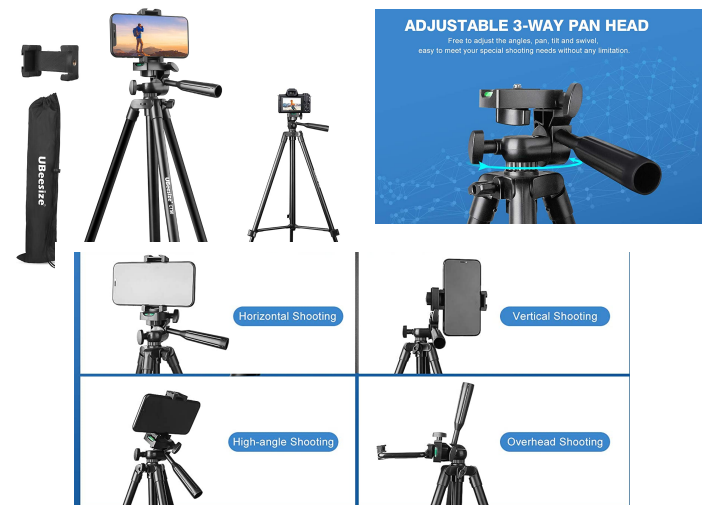
I have used mine as a camera stand inside and outside of the shop. To support lighting for videos and microphones for podcasts. I fold it up and use it on the shop like a "selfie stick" to produce videos.

This version has three legs, all telescope for height and levelness. There are versions available which have a single tower with a three-pointed stand. And I recently saw a rather inexpensive model which includes a remote control, fill light and some other gizmos.

With the aid of a tripod, all you have to do is load Zoom onto your phone and perform a demonstration for WorldWideWoodturners.

We would really like to see your ideas and your work. 

Cap'n Eddie Castelin



Typical Tripod with iPhone carrier. This unit can also be used for a variety of other devices which have a 1/4-20 threaded insert. Holders for other phones and tablet pads are also available.

SHIELDS UP!

For those of us who were raised with 1960's television may remember this famous phrase from the bridge of the Starship Enterprise. When Capt. Kirk wanted to ward off a foe, or get some added protection, he just pronounced, "*Shields Up!*"

Woodturners probably established this protocol by wearing adequate face protection while turning. As some would say, "it's only logical".

As I watch YouTube videos on woodturning, I'm often dismayed by the lack of use by demonstrators, instructors or professionals. I may be old school, but I do believe in the axiom of "do as I do, not as I say". Freshman turners are often taught by example. If they see the better turners going without protection, they will most certainly give it a try.

And one additional pet peeve is watching turners wearing those really flimsy shields you may find at WallyWorld. Those are great for using a weed eater or lawn mower, but for turning you need what I refer to as *Adequate Protection*.

What is Adequate Protection? You can perform your very own test with a turning buddy, or brother-in-law, right there in your shop.


1. Get out that cheap WW face shield, clean the lens and put it on securely on your turning buddy.
2. Find a piece of turning wood, preferably green or very hardwood. Size it to compare to what you would make into a small bowl.
3. Step back from your buddy, about 6 feet should be enough.
4. Now, throw the wood at your buddy's shield with all your strength.

Once that is complete, you would have found out that the shield looks good, is light and offers almost no protection.

But as a negative, you may have broken your buddy's nose, bruised his cheek or knocked out a few teeth. This is just a sample of what can happen, but what if it all happened at once. Toss that in on top of a possible concussion, and that would be an Emergency Room Trifecta.

My personal selection is the UVEX Bionic shield (available at Amazon.com) with the upper class of shield. (\$8500). This is a step up in quality because of the construction. The price is in excess of \$25.00, which I believe is a very low cost for insurance.

There are shields which include an air filtration unit, but they can be quite costly, but worth the investment to some turners.

Keep in mind, if you go cheap, that's the kind of protection you will receive. 

Cap'n Eddie Castelin



The UVEX Boinic S8500 shield, A very light face shield, another low cost and very light face shield

Other versions and protection are available.

Directly from Amazon.com, these are samples of shields available at reasonable costs.



ORTUR laser engraver



Jim Inns



Matt Harber



Harold Haines



Light House Woodturners

**Well, another day
has passed, and I
didn't use algebra.**

GOLDEN RATIO

You have probably heard the term “Golden Ratio” used when designing or creating a piece. There is a technical formula for determining this ratio.

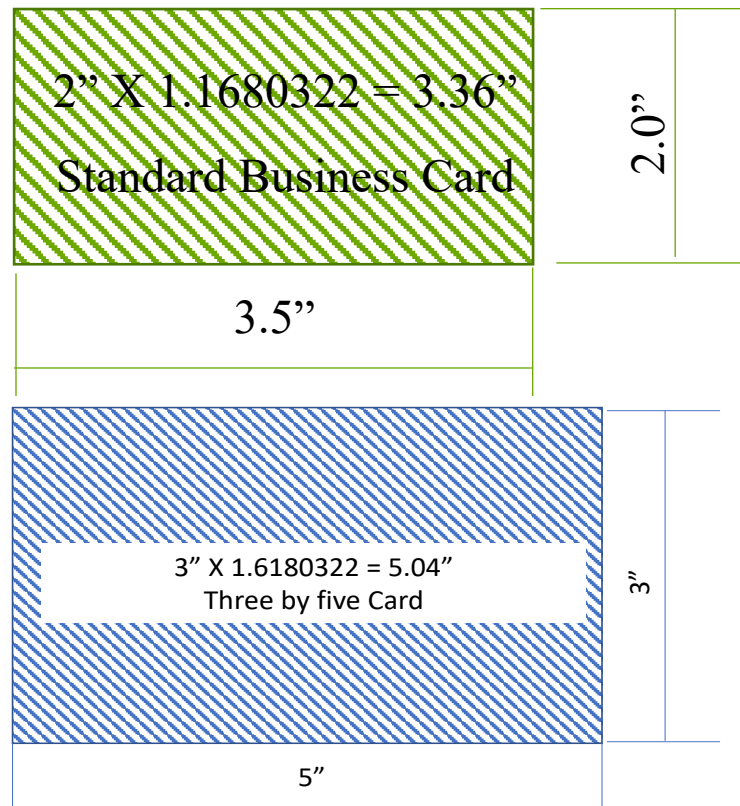
Many older turners, who simplify the math, consider it to be a 1/3 to 2/3 ratio. This could be applied to the overall size of the piece, the details placed on the exterior, or the breaking point for the lid.

The ratio offers a more pleasant presentation to the eye. If you were to review the proportions of Greek structures, you will find that the dimensions of the width to the height almost fit that calculation. Let’s take a look at simple items such as a 3X5 cards or a sheet of legal sized paper (8.5” X 14”). The width, or the length, times 1.6180322.... will be equal to the opposite dimension. For instance: take the 3” dimension, multiply it by 1.6180322 and you arrive at 4.854”.

Business cards are close, but not exactly either. This dimension was established by a printer in order to get the best fit on a standard sized sheet of paper.

The Ratio will make the project more pleasing to the eye, take the accent off the joint of the lid and remove most visible objections which would detract from its beauty.

But there is nothing cast in stone which states that this is the only ratio, or that this ratio will solve all your design obstacles. What is pleasing to the eye is what attracts and entertains the observer. If you were to sketch out your piece on a medium such as graph paper, you would be on your way to a solution. You know your limitations as far as material size, your wishes for the design and what would please your gallery.




As you can see, items we take for granted very often fall within this ratio. The façade of ages old buildings was developed with this in mind.

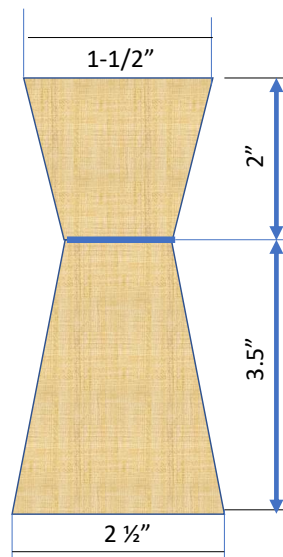
But in your turning, should you consider this? I think consider is the term best used for this. Very often a strict regimen to the ratio will take away

from the pleasures of your work.

Considering what is pleasant to your eye, it may overcome the ratio. If you can, sketch your project and compare the project, material and the intended use.

You may find that the sketch will help you solve or correct design projects before the shavings hit the floor. 

Cap'n Eddie Castelin



Proportionally, the vertical break and horizontally width are in relationship with Ratio.

Want to Join In?

Membership is free, open to the entire world and does not come with any commitments.

Just scan the little square to the right. It will take you to our webpage and the entry key.



WORLDWIDEWOODTURNERS.ORG

WHO ARE WE?

WORLDWIDEWOODTURNERS IS AN ORGANIZATION OF WOODTURNERS ASSEMBLED FOR ONE REASON, SPREAD THE WORD OF WOODTURNING. WE STAND AS AN INDEPENDENT CLUB WITH NO FINANCIAL OR COMMERCIAL SUPPORT FROM ANY ASSOCIATION, BUSINESS OR CLUB.

WE WERE CREATED BY A GROUP OF TURNERS WHO WANTED TO EXPAND OUR WORLD WITHOUT RESTRICTIONS. WE BELIEVE THAT THIS WORLD CAN EXIST AMONGST THOSE WHO ARE PERFORMING THE SAME TASK ON A “PAY-PER-VIEW” BASIS, OR SUPPORTED BY MANUFACTURERS. PERSONALLY, I HAVE NO OBJECTION TO THIS FORMAT. BUT TURNERS ON A RESTRICTED BUDGET WOULD LIKE TO FIND A SOURCE FOR INFORMATION. THAT IS OUR GROUP, WORLDWIDEWOODTURNERS.ORG. CREATED IN THE FALL OF 2019, WE WERE ORIGINALLY COMPOSED OF ABOUT A DOZEN MEMBERS. WE’VE GROWN TO THE WORLD-WIDE STATUS WITH THE ASSISTANCE OF THE INTERNET, AND ESPECIALLY THE ZOOM NETWORK.

OUR WEEKLY MEETING OCCURS EACH WEDNESDAY EVENING VIA ZOOM. WE GATHER AT 6:00 PM CDT FOR A LITTLE BS, JUST LIKE THE SESSIONS ON THE TAILGATES OUT IN THE PARKING LOT. NO FORMAT, NO RULES, JUST QUESTIONS, ANSWERS AND A LITTLE GALLERY. WE THEN MOVE INTO A REAL MEETING AT 7:00 PM CDT. THIS IS WHERE YOU CAN ENJOY A “NO COST” DEMONSTRATION BY ONE OF OUR MEMBERS, PERHAPS YOUR NEIGHBOR.

THIS IS LIKE A FAMILY AFFAIR WITH FAMILY YOU REALLY DO LIKE. THERE ARE LOTS OF SAFE JOKES, KIDDING, ADMIRING AND SHARING WITH OTHER WOODTURNERS. COME ON IN AND JOIN US, YOU AND ALL YOUR FRIENDS ARE WELCOME.

CAP’N EDDIE CASTELIN

MEMBER.

