

BY HAND & EYE



The official newsletter of the Sydney Woodturners Guild Inc.

September 2012 Close off dates for articles for November
BH & E will be Friday 9th November 2012 Edited by Scott Rollo

NEWSFLASH!!!

The Guild A.G.M will be held on November 26 and the President, Vice President, Treasurer and the Secretary roles are all up for grabs. Why not think about being on the Guild Executive Committee and have a say in the future directions of the guild and the affiliated clubs!!!

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Views expressed by contributors are not necessarily those of the guild

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September already. Times flies as we get older. The Guild's AGM occurs in Novemer & my time as President comes to an end.

I have thoroughly enjoyed my two terms as President & I wish the new President all the best during his term of service.

I believe it's time for me to stand down, as I have now been a member of the Guild committee for about 15 years, ten as Secretary, three as Southern Regional Representative and of course two as the President (not to mention the Public Officer and the Education officer!!! Editor)

Next year marks the thirtieth anniversary of the Guild & the Guild is planning on running a function to celebrate this achievement. The type of celebration and the date have not been decided upon but there have been several creditable suggestions which will be considered by the Guild committee.

Can I suggest you get behind, support and celebrate this event, as 30 years as an organization should be celebrated.

On Monday 10 September I arrived at the Southern Region Cubby house to attend the monthly workshop meeting. Upon arrival I found a group of High School students from Inaburra High School working away on the lathes under the tutelage of members from Southern Region. I must have been asleep when the announcement was made that this event was going to occur. However, I was so glad I turned up.

The students were each turning a bowl, under guidance, & I was very impressed with the shapes & styles being created.

It was great to see the enthusiasm being shown by the students & the pleasure the Southern Region members were getting by being able to donate their time to this cause.

I compliment Southern Region and it's members for there efforts and encourage other Regions to consider taking on similar projects. The students of today become the woodturners of tomorrow if encouraged & guided down the right woodturning path.

A congratulations to you if you were recently elected to a position on your affiliated club - with all the elections going on it has been very exciting!

Stay safe.

Warren Rankin

President.

P.S. Speaking of Southern - Southern Region have their Annual craft day on the 3rd & 4th of November from 9 am. There is a wide selection of items from turners, carvers and other woodworking disciplines there as well as the ubiquitous Bush Fire Brigade BBQ and various activities.

As I think most of you are probably aware by now we had no newsletter in July and I feel that you need an explanation as to why.

Many of you have home computers and many of you will have them a long time and never experience any problems. My computer was **not** one of these. But lucky for me, computers have been a big part of my work for more years than I care to remember. Now not to bore you with too many details but my computer problem was a fairly major one requiring a new motherboard and an upgrade of my windows operating system.

If you take all of this and add it to the physical time it took to obtain everything needed for the upgrades and blend it with the traditionally late contributions from most of the contributors, it resulted in me not being able to meet the deadline to get the BH & E printed in time

A small matter of having next to nothing to print was beside the point in many ways. I have been so used to making something from nothing that this wasn't a big concern, but increasingly it is becoming a concern.

Despite repeated requests here, in person, by smoke signals and every other mode of communication, I still have next to nothing from the members of this Guild in the way of articles. I have a few exceptions who seem to give me something either every issue or every odd issue and I am happy to name them here and now: Ernie Newman, Ken Sullivan, Sam Shakouri, and Doug Midgley. These guys give me a wealth of articles and monthly features to enrich your lives...relatable and Australian turners...but it is not near..enough..to..get..us..from..issue..to..issue...

So.....where..does...that..leave..us?

I have made a decision that if I do not see a marked pickup in articles getting to me in the next 6 months then I will walk away from being the editor. I am sick of banging my head against the wall and getting nowhere. Don't get me wrong - generally I can say I love doing the newsletter, but it gets to the point where the...how do I put this....**THE COMPLETE AND TOTAL APATHY OF 98% OF THE MEMBERSHIP IN THE GUILD** is starting to frustrate me. The Guild membership is large - over 500 members and it is INSANE that I can't get 12-18 articles PER YEAR!!! All it takes is an idea, a few photo's, maybe a few lines mailed to me old school or emailed to me hi-tech! I am sure that every turner has at some point done something, made something, modified something or re-engineered something to suit a woodturning purpose.....I guarantee this...it could be that you have found a way to hold your tools better...you've made an attachment for something....you get the idea. It might be a template for a toy that you found works for kids... I need to see Aussie made and invented things for our Aussie turners.

HELP ME OUT HERE!!! I want this to be the newsletter that you want it to be and I think that there's enough creative and clever people to do it. Even if you started turning last week, do an article on the frustrations of getting your tools, chisels and lathe sorted out... As the voice over said in the TV show The Naked City...."there's Eight million stories in the naked city" Well we're neither naked or 8 million strong but Every person will have a story or article in them...So it is up to you all to get off your creative spotty behinds and get some articles to me as soon as you can!!!

After many years of the Timber and working with wood show being held at the Fox Studios Precinct at Moore Park the Timber and working with wood show moved this year to the Showgrounds at Homebush Bay.

While it was a huge hall, it wasn't the same scale as the Moore Park site - but that wasn't necessarily a bad thing. As far as the exhibitors were concerned they were probably a bit closer to their neighbours than previous years, there were some noticeable absentees from previous years (some of the big tool manufacturers) and some exhibitors that were there were hard to work out their woodworking connections (Jewelry cardigans and jumpers amongst some very strange exhibitors????)

But putting some questionable exhibitors aside, the exhibitors who were there were happy to be there and seemed to be doing a reasonably brisk trade in their wares. There were bonuses in having everything in pretty much the one hall - it didn't feel as far to walk around to see everything.

The Sydney Woodturning Guild were present and our display was a well patronized one as per previous years, but somehow it seemed a little down on previous years. There were things being bought from our stand and there were plenty of people watching the lathes - so the first thing that needs to be done is a HUGE THANKS to all of the Guild members who gave up precious time on the 3 day weekend to demonstrate, man the stand and educate the public on the joys of woodturning. I think it was a well worthwhile endeavor and one that we have participated in for quite a few years now.



In this series I describe how to finish a difficult dry open grained timber with just lacquer.

There is a lot of Lacquers available and this can be very confusing. Don't get lacquers confused with finishes like Esatpol they are different

According to the experts the latest and the greatest is Acrylic Lacquer which was developed for the auto industry.

The one that I am using is a clear Acrylic Topcoat available from "Super Auto Cheap" a chain of shops around Sydney. This comes in 1L cans and is crystal clear, plus you need the appropriate thinners. You need to thin it out around 50/50. The materials you need are;

Acrylic Lacquer

Triple P polishing wax

We are assuming you have a finely sanded bowl on the lathe

First step applying the lacquer

As before get a small piece of rag multiple layers about 50mm sq. Don't use a large piece of rag the lacquer will just get lost in it. Now apply the lacquer to the wood either directly or on the rag. Rub the lacquer into the pores of the wood whilst turning the bowl by hand until you feel that the wood is full. This will take multiple coats. Turn the lathe on its slowest speed hold the wet part of the rag gently against the bowl and smooth out the surface. Keep this up until the lacquer appears to harden and dry. I suggest you let the job dry for half an hour or so or if you are really keen overnight. This drying time is going to be up to you. The harder the surface the better the shine.

Next Step

Return the job to the lathe this is the most convenient way of holding it.

Now hand sand the surface back with 400g or 600g until smooth. Don't run the lathe, this only clogs up the paper. You can finish this off with fine steel wool if you wish. You can turn the lathe on for this to give a final polish

Final Step

Run the lathe at a medium speed and use Triple P as a cutting compound or polish. This should bring the surface up to a high gloss finish. At this stage if you wish you can leave the job overnight to allow the lacquer to fully harden then another cut and polish. The harder the surface is the better it polishes.

If you wish you can give a final polish with a furniture wax.

If you feel that the surface is too glossy cut it back with OOOO steel wool to what you want.

Well I hope this is of interest to you and happy turning. Regards Alan Phelps

Philip McLeod Member Number 2819

In May / June of 2012 I had the opportunity to go to France and England. Most of my time in England was to be spent in Somerset near the south coast. A small village called North Perrot was our base for this time. My Wife and Sister in Law wanted to chase down some of their family tree, and some of their ancestors came from the village.

At the back of the church was a gem of a find. A documented 1000 year old Yew tree. It was amazing to think what changes had occurred to the world while that tree has stood on that same spot.



THOUSAND YEAR OLD YEW TREE WITH ME.

Not far from North Perrot, and on the coast is the seaside village of Abbotsbury. This area of the coast is famous for a number of reasons. There is a Swannery that dates from the Middle Ages where Swans can breed in safety. The birds come and go as they please, but large numbers return each year to breed here in safety.

Chesil Bank, part of this coastal area, was used by Barnes Wallis during the Second World War to test his famous bouncing bomb. In fact one of the prototypes was found during some restoration work and can be seen at the Swannery.

Also at Abbotsbury is Dandel Gallery. It specialises in contemporary woodwork, handmade in England. The gallery is set in a thatched converted stable with its own car park. A definite plus in these narrow street villages.



PART OF THE WINDOW DISPLAY. THE DOG IS REAL, NOT MADE OF WOOD.

Wood turning places in the south of England seem to be hard to locate. There are a fair number of galleries, but not so many wood turning shops or workshops. Still my time in England was most enjoyable, and you never know what you will find in these old church yards.

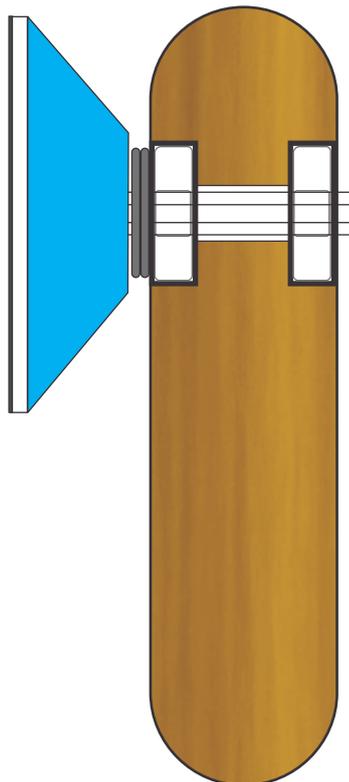
There are lots of things that as a turner, you can spend your hard earned dollars on. From specialized one use chisels through to routers and other things to decorate your turnings.

But often the best tools are those you've either made yourself or improvised from some other item.

This is one of those items. You are going to need just a few supplies to make this - a lump of wood, 2 bearings and a velcro sanding pad that you would use in a drill (e.g. Mejings in Sydney sell a unit for like 12 bucks) but many shops/stalls sell them.

Every turner who makes a bowl, turns a vase or...let's face it...pretty much everything you turn is going to need to be sanded at some point. Now these rotary, adjustable units can run to \$100 for an adjustable angled head type, but it is very simple to make one yourself. Either turn up a lump of wood to look like a 25-30mm piece of "dowel" - a long hot dog sized piece of wood.... or cut the top off a broom handle - this will be the handle of your rotary sander. Near the top, about 40mm down drill a hole with a 3mm/1/8" hole from side to side on the centre line. and perpendicular.

The bearing you will buy should have a 1/4" I.D and the external size, say 3/4" O.D. The outside diameter OD is not as important as the 1/4" ID as this is what the sanding pad will slot into. So, using your drill press or a firmly held hand drill, bore a 3/4" hole using a 3/4" forstner bit to be deep enough to recess the bearing below the surface of the wood. This would typically be 5-8mm depending on the depth of the bearing. Be careful and use the 3mm pilot hole as the guide hole for the forstner bit. Once you've drilled the 2 recesses then drill out the 3mm pilot hole to 10mm to give the shaft plenty of clearance. After you have done both faces use some super glue to stick the bearings in place, although it should be a snug interference fit. Get a few washers with 1/4" ID to fit in between the sanding pad and the bearings in the handle, load it up with suitable sandpaper and away you go!!! I believe that most woodworkers could bang this out in an afternoon and be using it shortly after!



One of the primary health concerns relating to woodturning is wood dust and all associated problems.

Most wood turners recognize the risks and do at least something to prevent the inhalation of dust. From something as simple as a disposable mask to a super powered respirator. It is pleasing that most turners are doing something. Now I believe that many, if not most turners have a dust collector. The biggest problem with dust collectors is collecting the dust and shavings at the source - due to needing access to the spinning wood plus the tool rest getting in the way.....it is at the very least problematic.



So with that in mind and wanting to do something better for my own lungs and being the thrifty kind of Gent, I have come up with a scenario I hope you will find useful as well. I found a floor lamp that was being thrown out at hard rubbish in my neighbourhood. You've seen these lamps before - light fitting in the centre and the lamp shade faces up to the ceiling. But the best part is that it is very conducive to modification. One thing I have embraced in my dust collector regimen is 100mm storm water pipe in all its many forms. It is ideal for mating to 100mm flexible pipe connected to the dust collector. So what I have done is fit a 100mm pan collar to the lampshade of the light I repo'd from the rubbish.

You could buy a shade or use a bowl with a similar curve profile. This pan collar can be bought from any plumbing supply shop for under \$10 and a length of pipe can be bought for a few dollars. What you see in the picture is the pan collar, a piece of 100mm pipe and a 100mm coupler to join it to the flexible pipe connected to the dusty.

One thing I have done to my length of pipe (about 12mm long) is screw a rare earth magnet from a hard drive to the side of it. Couple this to a right angle bracket with a magnet attached to it as well. What this does then is allow me to place the bracket where it can do the most good.



It is often used by sticking it to the metal frame of my lathe right next to the tool rest, where it gathers a huge amount of shavings and dust. It has a natural curve that funnels it into the mouth of the pan collar and straight into the dusty. It is a simple cheap way of getting the dust and shavings away from your lathe. I have an alternate "mouth" that I sometimes use that works the same way but can get a lot closer to the work. This is also an inexpensive plumbing fixture that is very convenient. You should get acquainted with your local plumbing supplies and set yourself up!!!



Hollow Steel Tool Handle

I am rapidly running out of space in my Workshop and one area that I have a major problem with is the necessary but cumbersome array of Turning Tools that I have acquired.

I decided that I would do a survey of each and every Tool and assess the usage of each and everyone over a 3 Month Period of Turning.

I soon realised that many Tools were used very infrequently, not least some of the Smaller Detailing Tools I have for those once in a while Turning requirements, I also had a range of Small Gouges all of which took up valuable space.

All of these Tools had one thing in common they were made from 8mm Ø Steel [$\frac{5}{16}$ "] and therefore could be fitted into a common Handle and therefore reducing the Storage Space I would require for this group of Tools.

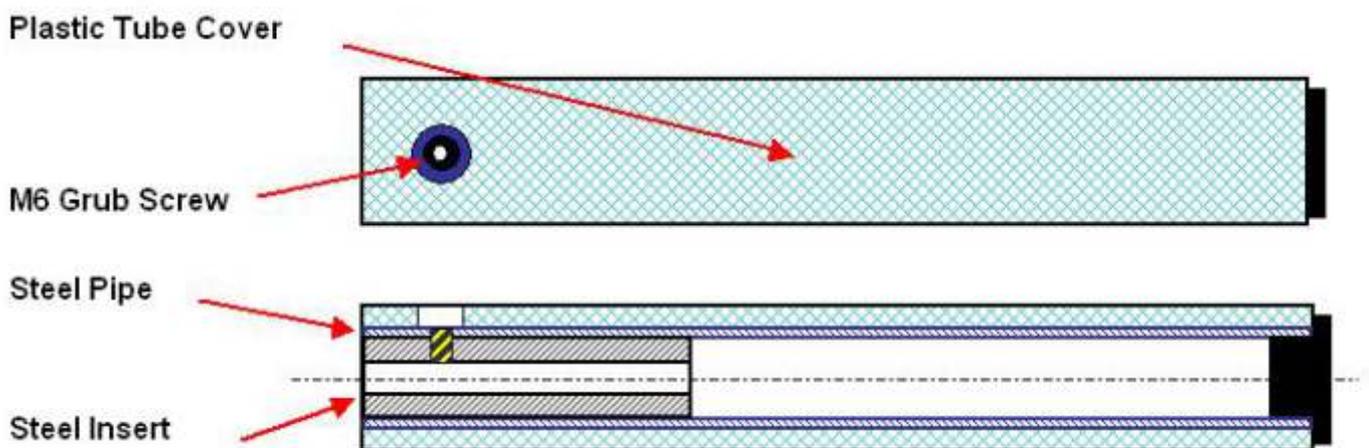
The Picture below shows the finished Tools, I couldn't resist making a second after the success of the first which only had one short coming, it was not long enough to give the degree of control needed when performing more aggressive cuts.



The Tool Handle is constructed using three major components:-

- Steel Pipe
- Steel Insert
- Handle Cover

Added to this you will require an M6 Grub Screw [$\frac{1}{4}$ " equivalent], a means of Welding or Silver Soldering and an End Cap for the non business end of the Handle.



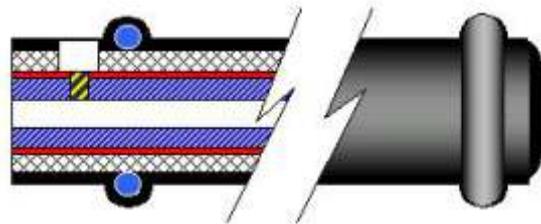
The Steel Pipe required will be approximately 18 to 20 mm Ø, and 250 to 400mm long [$\frac{3}{4}$ " Ø x 10" to 16" long] and you will require a shorter length [at least 75mm 3"] of Steel or, as in my case I found a length of Steel Gas Pipe that was a "Firm" fit in the Handle Pipe and as an added bonus had a $\frac{5}{16}$ " Ø bore.

The insert is prepared and inserted into the Pipe for the Handle and either Silver Soldered or Welded in position, I prefer the Silver Soldered method as you will get, if Brazed correctly, good penetration along the length of the Insert.

Once the Handle is cooled down and cleaned up, you can mark and drill the Hole to suit the Grub Screw which locks the Cutting Tool in place, this should be in the order of 25mm [1"] from the end of the Handle and as this is anticipated for only light usage one such Screw is more than adequate.

For the Handle Covering I used the Clear Thread Re-Enforced Hose which is obtainable from any Hardware Store, providing the Handle Pipe and the Hose are the same size you should have no problems sliding the Hose onto the Pipe, however I found the fit onto the longer Handle I made was a little tight and it was necessary to heat the Hose, with a Hot Air Gun, and add a bit of Lubricant to get the Hose to slide on.

Finally you will need to cut a hole in the Hose, where the Grub Screw is positioned, to gain access, either by carefully cutting with a sharp knife or use, as I did, a Wad Punch of a suitable size. As I happened to have an old Plastic Pipe Cap that fitted into the end of the main Pipe I added this to finish off the non business end of the Handle.

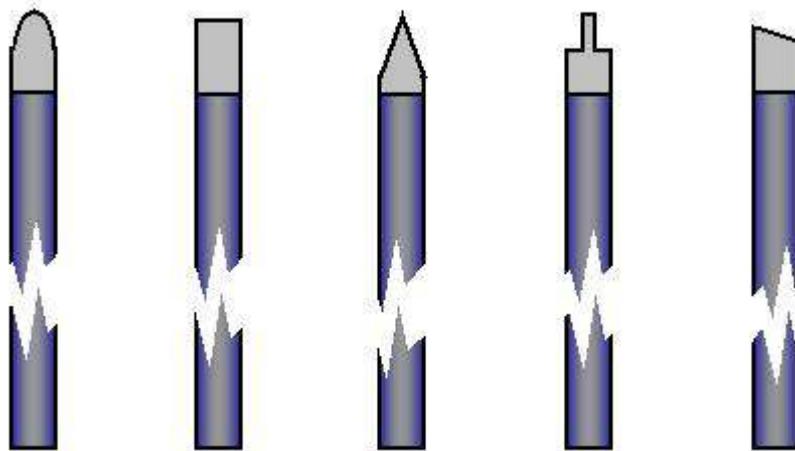


Although in this form the Plastic Pipe Handle is fine I did for the longer Handles add a covering of Electrical Heat Shrink Tube which when Heated, with a Hot Air Gun, will shrink to fit the Tube and any contours, by this I mean anything placed on the Tube such as an "O" Ring to form a Thumb Register at the Tool End and with one at the Rear End for reference.

The picture left illustrates how an "O" Ring placed over the Plastic Tube of the Handle will form a Ridge when covered with Heat Shrink Tubing.

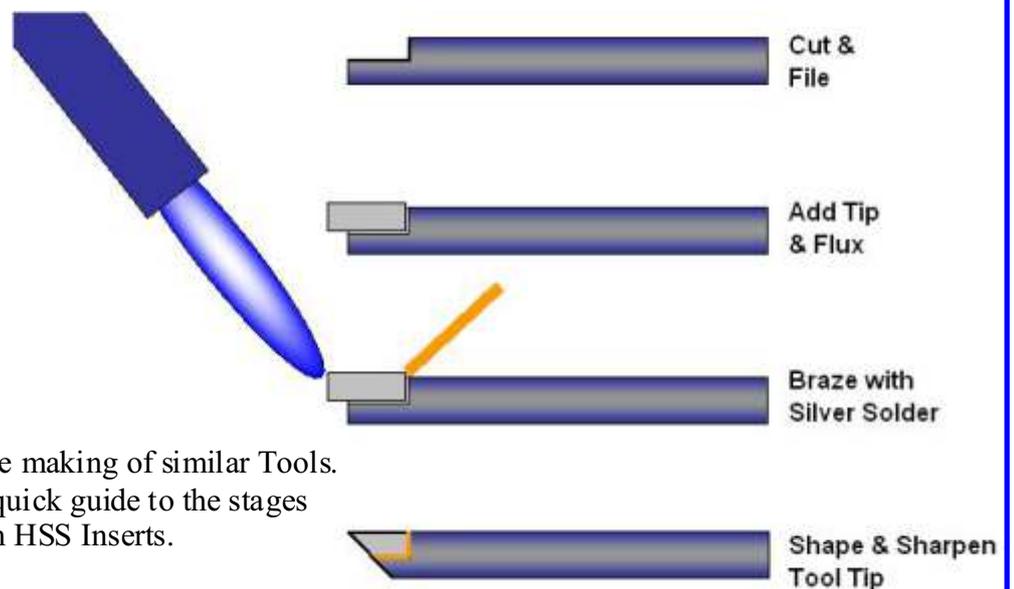
Simple Tools for use with the Tool Handle above.

As explained above many of the Tools that were to be used in the Handles I have made were only used on an irregular basis this was because they comprised of mainly small Detail Scrapers for Grooving, Beading or Undercutting that were made from $\frac{5}{16}$ " Ø Silver Steel, these were on average 150mm to 200mm long [6" to 8"]



The picture above shows some of these Tools, because they are relatively easy to make and at a realistic cost I tend to have many shapes and various sizes so that I can be exact in what I achieve with my Turning, if I do not have what is required I can either re-shape an existing Tool or quickly make the right shape required for the particular task.

I have Tools with Bent or Hooked ends for working inside small Hollow Forms, very thin Tools shaped as for a Parting Tool but very thin for cutting fine grooves, these are made from old HSS Hacksaw Blades, a Multi-Groover from an old HSS Thread Chaser, and another uses the Sorby Texturing Principle but with a very small Toothed Gear Wheel, the combinations and designs you can make are endless.



Previous Tips have covered the making of similar Tools.

In the picture above I show a quick guide to the stages involved in making Tools with HSS Inserts.

Requirements are:-

A length of Silver Steel of suitable diameter.

HSS Tool Steel Blanks approx. 20mm x 10mm x 3mm thick.

[$\frac{3}{4}$ " x $\frac{3}{8}$ " x $\frac{1}{8}$ "]. Silver Solder & Flux.

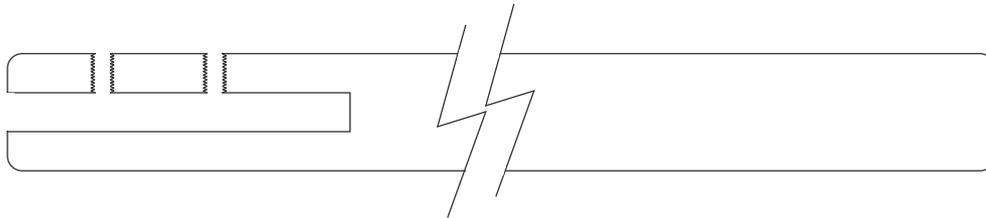
MAP Gas Torch.

The article above was kindly reproduced with the permission of the Author Richard Stapley, who is the owner of the Laymar Crafts Website at <http://www.laymar-crafts.co.uk/indexmodified.htm>

The method above works and works well.

I made one much simpler.

I bought a 1 metre length of 30mm solid aluminium rod. To this I cut it in half and on one end I drilled a 10mm hole dead centre and 100mm deep. Why 10mm - many if not most unhandled tools are 10mm shafted. Moving 20mm in from the end with the 10mm hole, I then drilled two 5mm holes 40mm apart and using a 6mm metric tap I tapped two 6mm holes in preparation for two grub screws. This forms the basis of a very solid tool handle in which I use for my 30mm roughing gouge. It's simple and it gives you two tool handles for about \$50 that you can interchange with several chisels.



An offer from a Guild Member

Patrick Eagar

Hi there Scott

I joined the Eastern suburbs guild two months ago.

I starting wood turning in 1994, out-rigger and had a successful exhibition in Hong Kong in 1996.

I was buying my timber in large quantities at wholesale prices.

I bought a small truck load of Australian Rosewood, in the only forest in Australia which was in NSW, north mid coast, which was logged 120 years ago.

The state government gave out licences for contractors to salvage the stumps in the early 1990s. Knowing this was the last of Australia's Rosewood, being the reason I bought so much.

I moved from my home years ago and moved into an apartment, so put what I had left with a lot of burls into storage. The cost was the same as quality hard wood burls in bulk.

The size for the blanks I have are 500mm diameter x 100mm thick.

I have 20 left for sale, as these are the last Australia Rosewood left in Australia. I am offering these for sale - first to the members of the Sydney Guild.

They range in colour from orange- beige to light-medium brown.

They weigh 15 kg, being 18 years old also makes them very rare, and you are not buying at harvest weight. Equivalent harvest weight hardwood burl blanks are selling \$18.00 a Kg.

I will offer to sell these to the Guild members for \$200, before putting on the WWW for \$300 +

All the best Patrick Eagar

1. Do any species, apart from humans, farm trees?
2. Are Barbara Hepworth, Henry Moore and Silvio Apponyi best known for furniture making, sculpture or woodturning?
3. What simple addition to a steel channel lathe stand will reduce vibration? Clue: think beaches and rivers.
4. Golf clubs and hockey sticks were traditionally made from what part of the trunk of an Ash tree: top, middle, bottom?
5. Ancient Greek and Roman wooden ships [before the time of Christ] weighed as much as:
A) 10 tonnes, B) 100 tonnes, C) 1000 tonnes?

A Country Woodturner - Ken Sullivan

My niece gave me a wonderful compliment recently: she asked me to make her a couple of candlesticks. Normally, my relatives' eyes glaze when I start talking about wood, and their houses are almost as full of "bits" that I have made over the years as my own cupboards. But she has been given a pair of very expensive coloured candles, and she wants to put them on permanent display in her apartment.

Now, I stopped making candlesticks some years ago. Originally, I made them from a single piece of wood. Because of the size of the base and the length needed to balance the size of the candle, I felt I was "wasting" a lot of wood to end up with just one candlestick. So, in response to a challenge article in "The Australian Woodworker", I made a "matched" set, each from three pieces fitted together. But, as was correctly pointed out by the consulting editor, they didn't quite match in all dimensions. Sigh.

Now that wasn't the reason I stopped making candlesticks. I stopped when I began planning on making them for sale, and was informed that the maker is legally liable for any fire in which a wooden candlestick is involved. Apparently politicians have decided that the consumer is not intelligent enough to be responsible for leaving a candle burning unattended, but the craftsman is. I suppose the same logic allows them to avoid responsibility for some of the stupid things that they themselves do, and then blame the previous government... Or the next... Or sunspots... Or the colour of the sky... Or whatever...

In any case, I've learned a lot about making matched sets since then. And since these are for display only, I think I can risk the legal "obligation". And, yes, I will be installing a metal ring as an additional safety measure, in any case. She is my niece, after all.

So I pulled out all the candlesticks I still have and she selected one design that she liked in general: relatively tall, slim and graceful. Then I pulled out wood samples, and she selected Japanese Cypress as first preference, with Black Wattle and Apple as acceptable alternates, and Huon Pine as a backup.

A couple of days later, when I went to the garage to check on my supply of Cypress, I found that I only had one section of a limb left from a tree in my front yard that we had to take down seven years ago. So while it is nice and dry, there is none to spare. I spent the rest of the afternoon cutting the blanks by hand (My bandsaw got flooded a month ago, and needs an electrician to have a look at it. As I'm a self-funded retiree, that sort of expense has to be planned and scheduled... and postponed... and re-scheduled. And postponed... And...).

The next step is the one most of us Woodturners skip: I started drawing on graph paper. I have learned, the hard way, that if you are going to make a matched pair, you draw it up, and then follow the plans. Yeah, I hear you... "No spontaneity. No fun! I want to turn, not draw!" Well, this set is going to be on display, and this time, I do want it matched. So I'm going to give myself all the advantages I can.

And, on paper, I've already discovered that the ring I'm going to insert has forced a change in the design. If I had just started turning, I would have wasted at least one of the Cypress blanks. Have I convinced you yet? No? Well, I'll keep trying...

The next step is planning the jigs. This design will have two pieces in each candlestick (to minimise the wood waste). Also, I want to use all of the length of Cypress in the blanks, so I'm going to have to hold the stem between centres, but after I've cut the candle hole, to ensure that it is centred. Plus the stem has to fit into the base so that only the grain will give the clue that the two pieces are at right angles. That requires a lot of careful planning as well as careful cutting. Oh! Yeah! That is helped by drawing it up in the first place, now, isn't it?

Job's done... And, yes, they match pretty well. Of course, there were a few "design changes" on the lathe, plus a remount of the first candlestick when the second one got narrowed a little bit too much in one area. But, at the very least, the only reason for any mismatch is my skill... not my preparation.

Have I convinced you yet?

Ernie Newman's Woodies Quiz 119 - The Answers

1. The ant, *Myrmelachista schumanni*, is a common ant of the west Amazon basin. It nests in the hollow stems of certain host species. The ant attacks other plants by injecting acid into leaves and tissues, killing them. This allows the host species to proliferate in the space cleared by the dead trees. Traditionally, this cleared area is known as a Devil's Garden. Ants cooperate. They work together and biologists are keen to discover how ants came to form societies, with sometimes up to millions of ants working towards the common goal of rearing the offspring of their queen. Ants also cooperate with plants and even with microbes.
2. Barbara Hepworth, Henry Moore and Silvio Apponyi are best known for sculpture. Silvio Apponyi lives in Adelaide. He sculpted the giant four-story-high ram at Goulburn but for a long time has made a living carving netsuke, tiny animal figures used as brooches on Japanese kimonos. Barbara Hepworth and Henry Moore were enormously influential 20th century British sculptors.
3. Filling the hollow parts of a steel channel lathe stand with sand will reduce vibration.
4. The bottom part of the Ash tree was best for golf clubs and hockey sticks because the grain curved into the root section so it was possible to shape them so that end grain was not exposed at the bend thus making them far stronger.
5. Ancient Greek and Roman wooden ships weighed as much as 1000 tonnes.

Here is a short list of Woodturning sites that will get us started with links to some very useful sites. If you have any links you would like to contribute send them to guildnewsletter@exetel.com.au
<http://www.sydneywoodturners.com.au/> our homepage

<http://www.wood-eze.com.au/> Leigh Ferguson's site – sells at Southern maxi days & his own shop

<http://www.laymar-crafts.co.uk/> Huge site with literally hundreds of useful links – highly recommended!

<http://www.trendtimbers.com.au/> large variety of timber, tools, lathes and finishes

<http://anagote.com/> great site for wood

<http://www.carbatec.com.au> one stop shop for most woodworking varieties

<https://www.machineryhouse.com.au/> Hare and Forbes machinery

<http://www.addictivepenkits.com.au/> amazing pen kits with an impressive site

<http://aroundthewoods.com/> excellent site for beginner and advanced turner alike

<http://www.woodturningonline.com/> incredible site with literally hundreds of articles

<http://www.woodturner.org/> The American association of Woodturners

<http://mgorrow.tripod.com/links2.html> mega link to over 500 sites!

<http://www.woodturners.co.uk/> link to most UK based clubs & links

<http://www.woodturnersresource.com/> a great resource for the woodturner

<http://www.hiltonhandcraft.com/> a useful site for turners

http://ornamentalturning.net/articles/more_woodturning_magazine.html one stop shop for ornamental turners

<http://www.woodturningdesign.com/> Woodturning magazine site.

<http://home.vicnet.net.au/~pwguild/> Mornington Peninsula site in Victoria

<http://www.woodturningvideosplus.com/index.html> very good site by a pro turner

<http://www.bigtreeturnings.com/> Professional turner site from America with some useful stuff

<http://www.rockler.com> Supplier of everything you'll ever need (in US dollars)

<http://www.penturners.org/> American site for the pen turner fraternity – most comprehensive

<http://www.woodworkforums.com> an enormous forum for everything wood and more

<http://www.woodturns.com/resources/woodturning.htm> a useful resource for the turner

<http://yoyospin.com> great site for tutorials and how to videos with focus on craft items

<http://sites.google.com/site/samshakouri/home> Sam Shakouri's page on Google groups

GUILD MEETINGS

Guides Hall, Waldron Rd Chester Hill			
Month	Committee	Bi-Monthly	Time & Cost
January	30		
March	27	17th SOUTHERN	TBA
May	28	TBA	TBA
July	30	TBA	TBA
September	24	16th WESTERN	TBA
November AGM	26	17th SOUTHERN	TBA
All guild meetings 18:30 till finish President Warren Rankin 9600 8061			

HORNSBY DISTRICT WOODTURNERS INC.

1 Shoplands Rd. Annangrove	
<u>Saturday</u>	
Feb 11	
Mar 10	
Apr 14	
May 12	
Jun 9	
Jul 14	
Aug 11	
Sep 8 AGM	
Oct 13	
Nov 10	
Dec Fri 7 Xmas Tea	
Saturdays 1100 - 1630 President Lindsay Skinner 9679 1055	

BANKSTOWN CITY WOODTURNERS INC.

Guides Hall, Waldron Rd Chester Hill	
<u>Saturday</u>	<u>Tuesday</u>
Jan 7	Jan 10
Feb 4	Feb 14
Mar 3	Mar 13
Apr 7	Apr 10
May 5	May 8
Jun 2	Jun 12
Jul 7	Jul 10
Aug 4	Aug 14
Sep 1	Sep 11
Oct 6	Oct 16
Nov 3	Nov 13
Dec 1	Dec 11
Saturdays 0900 - 1600 Tuesdays 1800 - 2100 President Kevin Santwyck 9644 8366	

MACARTHUR WOODTURNERS INC.

Robert Townson High School Shuttleworth Ave Raby(maxi only)	
<u>Sunday</u>	<u>Wednesday</u>
Jan 29	
Feb 26	
Mar 26	
Apr 29	
May 27	
Jun 24	
AGM Jul 22	
Aug 26	
Sep 30	
Oct 28	
Nov 25	
Xmas party TBC	
Sunday Maxi 0930 - 1500 cost \$5 President Paul Kruss 9823 8340	

EASTERN REGION WOODTURNERS INC.

Unit 16, 14 Anderson St. Banksmeadow	
<u>Sunday</u>	
Jan 8	
Feb 5	
Mar 4	
Apr 1	
May 6	
Jun 3	
Jul 1	
Aug 5	
Sep 9	
Oct 7	
Nov 4	
Dec 2	
Sundays 1000 - 1530 President Graham Tilly 9660 3071	

MENAI REGION WOODTURNERS INC.

Menai High School Gerald Rd. Illawong
<u>Tuesday</u>
Jan
Feb 14
Mar 13
Apr 24
May 8
Jun 12
Jul 17
Aug 14
Sep 11
Oct 9
Nov 13
Dec 4
Tuesdays 1800 - 2100 President Bruce Houldin 9542 1087

NORTHERN BEACHES WOODTURNERS INC.

Narrabeen RSL Club Nareen Pde North Narrabeen		
Sunday	Tuesday Workshop	Friday Workshop
Jan	24, 31	
Feb 19	7,14,21,28	3,10,17,24
Mar 18	6,13,20,27	2,9,16,23,30
Apr 15	3,10,17,24	13,20,27
May 27	1,8,15,22,29	4,11,18,25
Jun 24	5,12,19,26	1,8,15,22,29
Jul 15	3,10,17,24,31	6,13,20,27
Aug 19	7,14,21,28	3,10,17,24,31
Sep 16	4,11,18,25	7,14,21,28
Oct 28	2,9,16,23,30	5,12,19,26
Nov 18	6,13,20,27	2,9,16,23,30
Dec 16	4,11,18	7,14,21
Sundays 0900 - 1400 Workshops 0900 - 1200 President Jack Butler 9999 4290		

SOUTHERN HIGHLANDS WOODYIES INC.

Harbison Care Villiage cnr Moss Vale Rd.& Charlotte St. Burradoo
4th Saturday each month
Jan 28
Feb 25
Mar 24
Apr 28
May 26
Jun 23
Jul 28
Aug 25
Sep 22
Oct 27
Nov 24
Dec 22 Xmas
4th Saturday meetings 0900-1600 All other Saturday 1230-1700 Every Tues.&Friday 0830 - 1230 Pls call for Tues/Fri to confirm meeting President John Powell 02 4871 2714

SOUTHERN REGION WOODTURNERS INC.

"Cubbyhouse" Como Road Oyster Bay (opp. Scylla Rd.)							
	Wednes. Mini Day	Wednes. Mini Nite	Work Shop Meetng	Saturday Maxi Days	Thurs. Mini Day	Tue/Wed toy/f'ship Day	Special Events
Jan	4	11	16	21	26	24 only	
Feb	1	8	13	18	23	28-29	
Mar	7	14	12	17	22	27-28	Bi-Monthly 17 March
Apr	4	11	16	21	26	24only	
May	2	9	14	19	24	24-25	Oyster Bay Skool Fete
Jun	6	13	12 Tuesday	23** 4th Sat.	221	26-27	27,28,29 WWWS
Jul	4	11	16	21	26	24-25	
Aug	1	8	13	18AGM	23	28-29	A.G.M
Sep	5	12	10	15	20	25-26	
Oct	3	10	15	20	25	23-24	
Nov	7	14	12	17	22	27-28	Bi-Monthly 17 Nov. Xmas party Nov. 24th
Dec	5	12	10	15#	-	-	#Xmas lunch
Maxi days Saturday 0900 - 1500 cost \$6 Mini Days both 0900 - 1500 cost \$3 Mini nite 1800 - 2100 cost \$3 Toy/Friendship days 0900 - 1400 no cost President Keith Moses 9528 8885							

WESTERN SYDNEY WOODTURNERS INC.

Twin Gums retreat, Cnr Northcott Road & Dianne Drive Lalor Park					
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
Jan	9,16,23,30	3,10,17,24,31	4,11,18,25	5,12,19	6,13,20,27
Feb 19	6,13,20,27	7,14,21,28	1,8,15,22,29	2,9,16,23	3,10,17,24
Mar 18	5,12,19,26	6,13,20,27	7,14,21,28	1,8,15,22,29	2,9,16,23,30
Apr 15	2,16,23,30	3,10,17,24	4,11,18	5,12,19,26	13,20,27
May 20	7,14,21,28	1,8,15,22,29	2,9,16,23,30	3,10,17,24,31	4,11,18,25
Jun 17	4,18,25	5,12,19,26	6,13,20,27	7,14,21,28	1,8,15,22,29
Jul 15	2,9,16,23,30	3,10,17,24,31	4,11,18,25	5,12,19,26	6,13,20,27
Aug 19	6,13,20,27	7,14,21,28	1,8,15,22,29	2,9,16,23,30	3,10,17,24,31
Sep 16	3,10,17,24	4,11,18,25	5,12,19,26	6,13,20,27	7,14,21,28
Oct 21	8,15,22,29	2,9,16,23,30	3,10,17,24,31	4,11,18,25	5,12,19,26
Nov 18	5,12,19,26	6,13,20,27	7,14,21,28	1,8,15,22,29	2,9,16,23,30
Dec 16	3,10,17	4,11,18	5,12,19	6,13,20	7,14,21

Mondays, Tuesdays, Wednesdays & Thursdays: 0930 - 1530
Fridays: 1900 - 2100
President Ken Vodden 0412 497 097
Ladies days are held regularly organised by Anna Dawes 9638 6995

IN THE SHOP

WOODTURNING JACKETS \$40 POST \$5

Bottle Green, short sleeved with Velcro neck closure. Keep the shavings where they belong

GUILD CAPS discounted to \$5.00 POST \$2.50

Wear backwards - become a turner with attitude!

CLOTH BADGES AND ENAMEL BADGES \$5.00

Order from: Treasurer, Greg Croker on
9498 2350

Attendance at our Saturday meetings has been fairly regular, with numbers averaging around 29 or 30 over the year so far. (Yes, first Saturday EVERY month, 9.00am).

With any luck our monthly demonstration session will kick off in October, and as previously stated, the demonstration content will be aimed at our newer members, to try to give them a better basic understanding of what can be done, and how it should be done, especially from a safety point of view. This idea was embraced by our members, and will take place in the car park under a cabana (to keep the sun off), so that those who wish to watch the demo can also hear the demo, while those who just wish to turn can do so inside the hall as usual.

Remember, those demonstrating are likely to learn something from their own demo and from those members attending, as well as imparting their knowledge and enthusiasm to those watching.

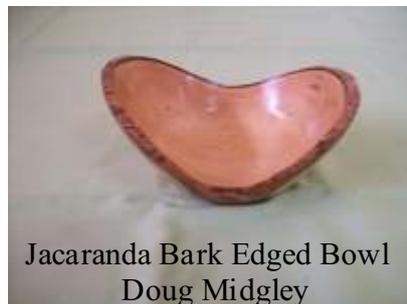
David presented our new PA system/Karaoke Unit at the September meeting, and Kevin gave it a test run during Show & Tell, and it was agreed that everyone can now hear what is happening. Someone tried to cajole him into singing as well, but thank goodness he refused.

Members once again had all our lathes operating continuously during our August and September meetings, with it becoming more and more difficult to ensure a quiet thirty minute period for lunch for those that need it, such is the enthusiasm of many of our members.

Show and Tell(s) were once again well supported, with some nice pieces on display, and they can be seen in the accompanying photographs.



Mice - Doug Midgley



Jacaranda Bark Edged Bowl
Doug Midgley



Camphor Laurel Tea Pot
Fred Cassar



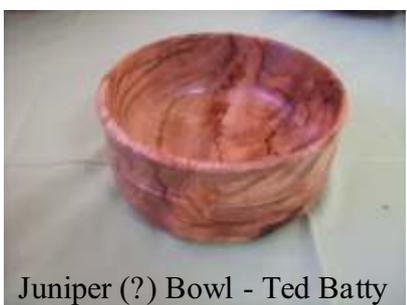
Laminated Bowl - Fred Cassar



Laminated Bowl - Fred Cassar



She Oak Vase - Ted Batty



Juniper (?) Bowl - Ted Batty



Salt & Pepper Shakers - Ted Batty



Burl Bowl - Ted Batty



Salt Shaker/Pepper Grinder
Ted Batty



Rosewood Bowl - Keith Smith



Wormy Bowls - Harold Soans



Wormy Bowls - Harold Soans



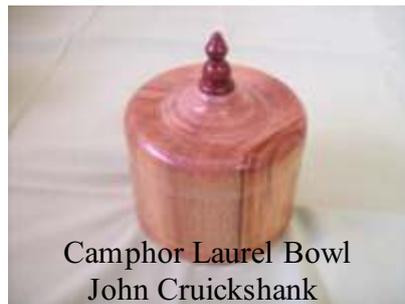
Laminated Urn - Harold Soans



Vases and Candle Holders
Harold Soans



Vases and Candle Holders
Harold Soans



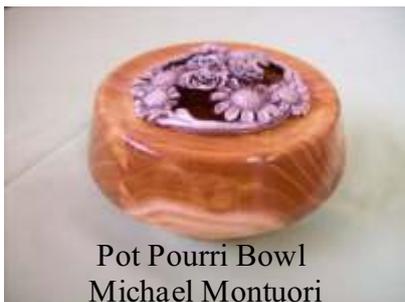
Camphor Laurel Bowl
John Cruickshank



Deep Hollowed Jacaranda
Form Kevin Santwyk



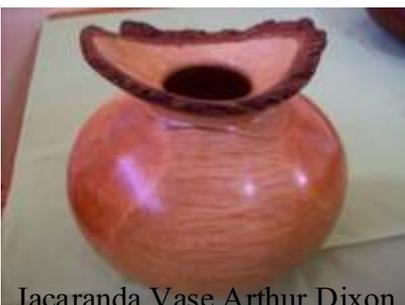
Lidded Box Michael Montuori



Pot Pourri Bowl
Michael Montuori



Bowl Michael Thompson



Jacaranda Vase Arthur Dixon



Lidded Box - Harold Soans



Acrylic Pen - Marcel Chalhoub



Gerry's Tea Boxes made from Camphor Laurel



Gerry's Australian Rosewood Bowls



Paddy's Dish made from Coolabah Burl



Graham's Hollowed Vessels



Cliff's Candlestick Holder



Bill's Chisel Handles and Box Wooden Hinge

Next meeting locations and dates for Eastern Region are:

October 7th at Bill Papalexioi's Residence 8 Lymington Street Bexley.
November 4th at Graham Tilly's Residence 211 Trafalgar Lane Annandale.
December 2nd at Phil McLeod's Residence 6 Maitland Street

Kingsford.

t a [
 REPRESENTATIVE
 EASTERN REGION WOODTURNERS

HORNSBY DISTRICT WOODTURNERS INC. NEWSLETTER AUGUST 2012

Our Saturday meeting's weather was not as bleak as forecast and about 21 members enjoyed our usual welcome and friendly introduction from Lindsay.

Members were reminded that next meeting will be our AGM and The Spring Raffle; please bring your money and a couple of items for the raffle.

From the latest Guild committee meeting our Rep. advised that no BH&E had been printed for July! that some Western Sydney Woodturners were in dispute with the Working With Wood Show promoters (claims which they deny) and that all Southern Region's members were currently unfinancial.

A short discussion followed regarding the WWW Show which was inconclusive as to whether the location and the general quality were better than previous shows however, we all noted a significant reduction in displays and the greater inclusion of other unrelated crafts. The SWG Display was good but again tucked away near the back corner of the hall.

Show and Tell, with Lindsay at the helm commenced with a very large fruit bowl made by Lloyd from American cottonwood which a group of our members obtained on a visit to a plantation forest some years ago. Finished with lacquer the



bowl was very imposing and a much better use of the wood than the proposed match sticks.



Simon presented a medium sized lidded box of pleasing design and detail and made from silver ash and walnut which will be part of his appraisal for his final school year. Simon also showed a

splendid dossier of the plans, preparation and photos for the small table that was his project for the school year.

Eddie turned a flat jarrah cutting board finished in Organ Oil which accentuated the wood's grain and colouring very nicely.

Geoff showed a plate made from Huon Pine. Well proportioned and turned. Finished with EEE and Glow polishes it certainly looked the ticket.

Russ produced a stock of pens from various woods and some acrylic, also a couple of special pens and a letter opener (gifts for Lions Club presidents') all to a very high standard.



Finally, Tim showed a small plate (made from unknown recycled wood) which was very carefully turned and finished, and showing some pleasant graining.

After the BBQ lunch the demonstration commenced.

Convener Lindsay discussed a new tool, The Arbourteh TURBOPlane which is designed for use on an angle grinder, has three tungsten steel strengthened blades and can be used for a multitude of wood operations. The 'blade' is 100 mm in diameter and costs about \$140.

Set-up the 'plane as per the instructions but in addition reduce the vibration by inserting an 'O' ring between the handle and the body and then tighten. The blades cut at 12,000 rpm and dependent on the angle of approach to the wood fine or heavy cuts can be made very quickly and easily.

Safety is the first priority, and although the grinder, and the 'plane did not appear to grab at the wood and the blades are under the disc etc, as with all angle grinders and power tools caution and safety gear needs to be considered/worn. Sharpening the 3 blades is reputed to be easy by simply running a diamond file over the curved blades.



Deep cutting was fast and with experience and care a smooth finish was obtained straight from the unit.

The finish will be dependent on the wood and/or the use of a couple of final fine planing cuts. Bevelling was a breeze but required a steady hand.

The use of the 'plane for bowl turning seemed to be limitless with wave bowls and the like being obvious choices. Roughing out of bowl blanks prior to turning, flattening of logs for faceplate application and the swift balancing of blanks once on the lathe and not quite round are other uses. At 100 mm in diameter smaller bowls and applications are impossible or at the least require very careful manipulation.



The use of sanders on angle grinders was also considered. Briefly use 60 or 80 grit for finer detail as finer grits will burnish the wood, but for polishing end grain 120 grit can be used successfully. The higher rpm is critical for good results as slower speeds will drag and cause tear outs.

Finally a run-down of hot melt chucking. A jam chuck was made and its advantages shown. This chuck is made using a chucked wooden blank into which a circular bead say 10 mm deep is made to exactly jam the base spigot of the bowl partially made. The bowl spigot must not be dovetailed, be at 90 degrees and not have the arises removed or modified, thus ensuring the best grip.

Run the hot melt gun around the inside of the bead leaving about a 10mm gap on the circumference, then immediately jam the bowl's spigot firmly into the bead and adjust for square. Allow the hot melt to solidify completely before recommencing turning. Work normally on the inside of the bowl and when turning, sanding and polishing are completed tap the edge of the bowl to dislodge the spigot from the bead and clean up to finish the bowl.

Thanks again Lindsay, another good day. Please keep turning, and see you all in September.

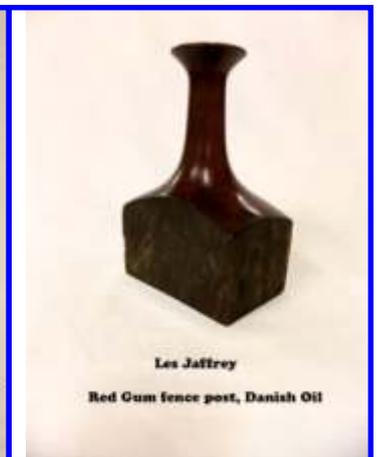
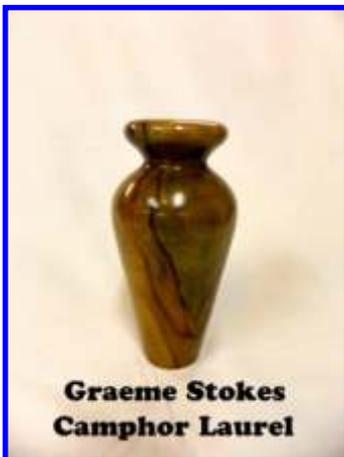
Gday Scott

At the September meeting of Menai Woodturners, the Theme and Competition were all about Salt and Pepper – mills, shakers, receptacles. Attached are the photos. It is becoming a well-expected fact that Les Jaffrey comes up with a winning item that has a “WOW” factor, and this month was no exception. Les was the winner again! Well done Les!

Regards

Bruce





A Woodturning Woodie in Twenty Quick Questions

Woodturner in Question **CRISPY** _____

Place of Birth?I was bom in the centre of the Universe...Peakhurst in Sydney. I spent most of my single life there moving to Mortdale when Joyce and I got married.

Now residing?Joyce and I now live at Yerrinbool. We moved here about twenty three years ago when the kids married and left the nest. I've been asked "why Yerrinbool?". Having lived and worked all that time in the city we thought that it would be nice to have some of the peace and quiet of the country and after looking at a few places we settled on and in Yerrinbool.

Occupation now or in previous life?The better part of my working life was spent in the building industry with T.C.Wittle. The work was mainly around the Sydney area and also down in Canberra. For fifteenyears of this time a fellow workmate Brian and I formed a business partnership manufacturing modular furniture. We had our factory, B.J. Industries at Kirrawee in Sydney. We were Australia's answer to Ikea. The last ten years before I retired I worked for Amaroo which is a workshop set-up for the disabled at Picton. No need for comment. I've heard them all.

Interest in turning began when/how?I suppose the bug first bit me when I did some woodturning back in the sixties when the company I was working with needed some "trucks" for the tops of flagpoles we were making for some schools. The bug stayed with me and so when I when I retired in 2002 I decided to take it a bit more seriously and bought myself a lathe and joined the guild.

Have you had any turning tuition?Yes.... Well tell us about it. Oh OK. I had a few lessons from Bill Shean. All my other skills I stole from the other good turners in the club.

Do you have a workshop or area as such?When we moved to the Highland the house in Yerrinbool came with a fairly large shed, about 6m x 8m. I then extended it to almost double the size to take my new woodlathe and other equipment.

You said that you have a lathe?Yep. I bought a Technatool 1500 from a friend of mine who is a member of The Central Coast Woodies. We were actually apprentices together.

What other machinery do you have?There is a Metal Lathe, a Band Saw, Pedestal, Radial Arm Saw, Drop Saw, Disc Sander, Rip Saw, Spindle Moulder, Thicknesser etcetera, etcetera, etcetera. You name it, I got it.

Preferred turning tool? Those I make myself. The Crispy Specials. Like most turners I did not particularly like the skew chisel and I thought some of the other traditional tools could be improved, so I decided to make some up to suit me and the work I wanted to do.

Favourite turning timber? Mahogany I would have to say. I like the darker strong grain type timbers. However, having said that I also like Huon which I find easy to work and has a good finish.

Preferred finish? The spray-on lacquer, Mirrortone. I discovered this finish when I had my own business.

Has your turning been influenced by anything/body? Mostly by the very good demonstrators and demonstrations we have at the Saturday meetings. Both the visitors and our own members

Do you have a preference in turning i.e. bowls spindle etc.? Face-plate turning is probably my preference but I do a bit of spindle turning when the need arises. I have a go at most things as you can see by my 'show-and-tell' offerings.

Do you have a favourite piece that you have made? All the pieces that Joyce has kept.

What has been your most difficult/intricate/failed piece? There are no failed or disappointing pieces in my workshop. We have a wood fire that turns them into successful BTU's.

Is there any particular aspect of your turning you would like to improve? Like most turners I know I would like to improve most of it.

Is there any particular project that you wish to accomplish at some time? Timber threading. I would like to be proficient in turning screw threads. I do have a threading jig but as yet have not got around to using it.

What do you like and/or dislike about woodturning? Cleaning the mess up afterwards. It is amazing how much sawdust and shavings can come from one small piece of wood. And how far it can spread.

Is there a particular benefit you feel you have gained from the craft? The mateship and bonding from all the blokes at the clubhouse.

Do you have any other interests apart from woodturning? Talking, metal work and turning, talking, Jig making, talking, bullshitting and stirring and also grey-nomadding with the caravan.

Cubby House News

JULY 2012 Page 7

Best Displayed

Show and Tell

Turned Plywood Shapes

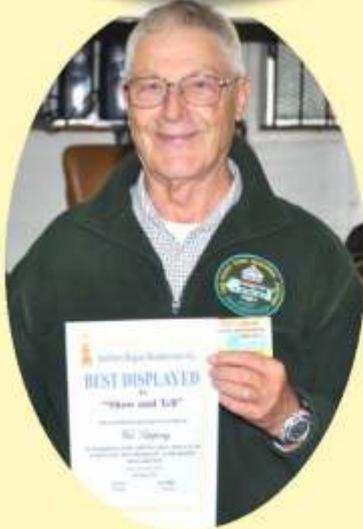


Val Lipping



David Brown

David Brown



David Brown



Bill Black & David Johnson



Keith Jones



Val Lipping

June Show & Tell

Well Done Val Lipping



Bill Riley



Jack Butler



Frank Pynenburg



Merv Larsson



Merv Larsson



Geoff Tong



Scott Rollo



George Blundell



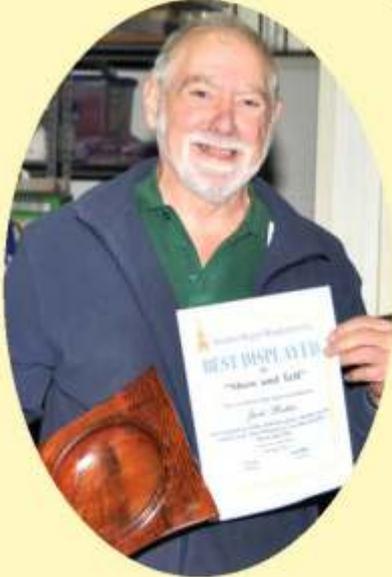
Keith Moses



Cubby House News

AUGUST 2012 Page 7

Best Displayed



Show and Tell
Square Edged Bowls



Keith Jones



Frank Pyneburg



Les Madden



Frank Pyneburg

July Show & Tell

Well Done
Jack Butler



John Whitfield



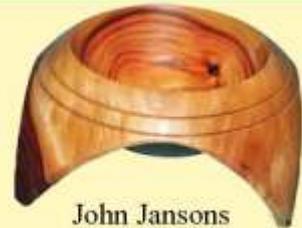
Val Lipping



David Brackenbury



Jack Butler



John Jansons



Keith Moses



Keith Moses



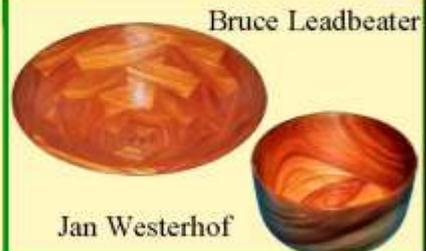
John Jansons



Ken Stuart



Ken Stuart



Jan Westerhof

Bruce Leadbeater



Jack Butler: A pair of salt & pepper shakers, (left) in Rosewood and a pair of segmented spherical salt and pepper shakers (right). Also included is a Gullio Marcolongo 'dogwood' bowl in from the recent workshop.

Below. Reground hex keys have been used to undercut the base of the salt & pepper shakers. Included in the same picture is a home made texturing tool using a spherical bur mounted in a bearing and handle with examples of the textures achieved on the left.

Below right: Home made ball turning tool



Meg Webster: A selection a lidded boxes. Some include a rubber O-ring giving a perfect seal. Meg has included inserts in the top often in a contrasting wood and pyrographic work with a star sign theme.

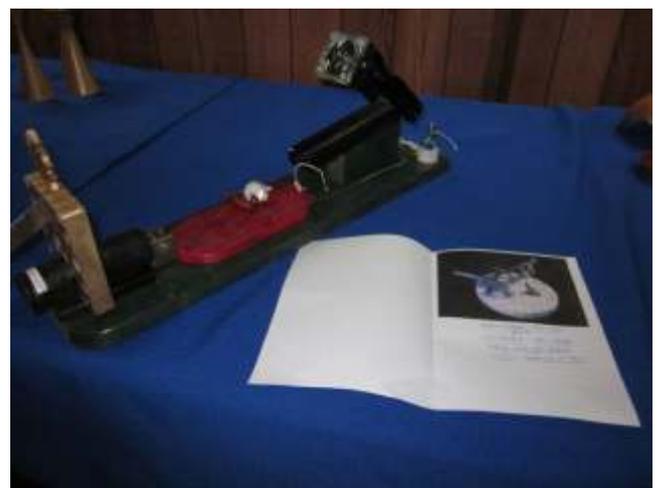


Paul Cosgrave: Candle holders based on a Rude Osolnik design in Cypress Pine, finished in laquer. Using offcuts too good to throw away, Paul turned a bangle in Forest Oak and a hair pin in Macadamia, both finished in Rustins.

Aaron Ehrlich: Aaron has created a replica of a noon canon sundial, also called a Meridian canon. The canon, loaded with gunpowder (no ball) was ignited by a carefully placed lens. When the sun reached noon the lens would light the fuse igniting the gunpowder and so the explosion. In the late 18th century these were often placed in parks for the public to enjoy.

Aarons' consisted of a lens focused on a rubber band which when melted by the suns rays would release a marble to run down an incline setting off a rat trap which pulls the string of a party popper issuing a loud bang and streamers. It worked perfectly during demonstration.

Well done.





Norm McArthur. Who would have guessed, we have a budding artist in our midst. Norm submitted this bone and wood sculptural piece.



Grahame Dawes: Beautiful latticework turning themed on the Emperors chariot. Grahame has used a variety of timbers including, Camphor Laurel, Tasmanian Blackwood, Jacaranda and more.



David Thom: Turned stool based on Paul Walker's design in furniture grade pine. A big thanks to David for the timber he donated to the club.

Tim MacGregor: Tea candle holder, apple in Huon Pine and small bowl in Tasmanian Sassafras. Nice turning and finish. Tim has not been with us that long but is turning some excellent work



Gary Cox: Gary submitted a selection of Burl bowls, some turned on the lathe, others carved with the Arbortech, finished in Danish oil. Gary enjoys revealing the rich colours and grain within each burl. Beautiful work.

SYDNEY WOODTURNERS GUILD INC.

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Ron Devine	02 9837 6116	Vice -President
Greg Croker	02 9498 2350	Treasurer
Chris Dunn	02 9607 0940	Secretary
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Phil Mcleod	0418 267 096	Eastern
Greg Croker	02 9498 2350	Hornsby
Bruce Houldin	02 9542 1087	Menai
Fred Schaffarczyk	02 4889 4316	South. Highlands
Warren Rankin	02 9600 8061	Southern Region
Gordon Mckenzie	02 9451 0058	Northern Beaches
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Warren Rankin	02 9600 8061	Public Officer
Warren Rankin	02 9600 8061	Education Officer
Scott Rollo	02 9533 4086	BH & E Editor

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Graham Tilly	02 9660 3071	Eastern
Lindsay Skinner	02 9679 1055	Hornsby
Paul Kruss	02 9823 8340	Macarthur
Bruce Houldin	02 9542 1087	Menai
John Powell	02 4871 2714	South. Highlands
Keith Moses	02 9528 8885	Southern Region
Jack Butler	02 9999 4290	Syd. Northern
Bob Young	0408 760 131	Western Syd.

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<http://www.sydneywoodturners.com.au>

E-Mail us at:
admin@sydneywoodturners.com.au

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