BY HAND & EYE

The official newsletter of the Sydney Woodturners Guild Inc.

November 2012

Close off dates for articles for January BH & E will be Friday 11th January 2013

Edited by Scott Rollo

NEWSFLASH!!!

Lindsay Skinner bestowed with Life Membership

A personal respirator system that you can make in your shed

A man and his lathe - one turners journey on a lathe restore

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Views expressed by contributors are not necessarily those of the guild

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Presidents Report - Warren Rankin

Another Woodturning year is almost at an end. Time flies when we are having fun.

This is my final President's report as I'm retiring as President. After about 16 years as a Guild committee member it is time for me to go & a new member, with fresh ideas, to take over the function of President.

I have thoroughly enjoyed my years as a member of the Guild committee & have met & become friends with many Woodturners who, if I hadn't been a committee member, I probably would never have met.

I am of course, if asked, happy to remain the Guild Public Officer & Education Officer.

I would also like to thank my fellow Office Bearers & committee members (Regional Reps) for their untiring work & commitment to the Guild & it's affiliated Regions throughout the year.

Ron Devine, Vise President. Ron gave me great support throughout the year. Ron is an ideas man & when he spoke everyone stopped & listened.

Chris Dunn, Secretary. Chris is also retiring after years of invaluable service as the Guild Secretary. Chris is a workaholic & has done so much for the Guild. I wish Chris all the best with his future endeavours.

Greg Croker, Treasurer. I regard the Treasurers job as being the toughest job in any organisation & Greg has excelled as the Treasurer. Greg always found time to actively involve himself in other Guild activities.

I also thank the Guild Regional Representatives. You all took the time & made the effort to attend the Guild committee meetings and be actively involved with the decision making.

It would be remiss of me not to acknowledge & thank Ken Sullivan, the Guild's Membership Secretary. Ken has a tough job but performs it very efficiently & without complaint.

Scott Rollo. Newsletter Editor. Scott does an amazing job putting together the By Hand & Eye. Thank you Scott. Regions & members please support Scott by submitting articles for inclusion in By Hand & Eye.

Lastly, I acknowledge & thanks the affiliated Regions of the Guild & their members. Without your involvement the Guild would not exist.

I also take this opportunity to everyone a very happy Christmas and a successful new year

Warren Rankin

President

Editorial Comment - Scott Rollo

By the time you read this I hope we will have a brand new committee for the Sydney Woodturning Guild.

As mentioned in the Presidents report, there is a significant changing of the guard with the President and the Secretary roles both being vacated for the Annual General Meeting. Now it's worth mentioning as I write this, that there may be many or all of the actual committee roles vacated at the A.G.M. So if/when that happens, what does that mean I hear you say? I'm glad you asked....

For you see dear friend, that without several of the key roles on the committee, we break the rule of our own incorporation - which is bad. Without these key roles we are not fully incorporated and as such we cannot maintain our incorporation...

What this means is the whole ball of wax gets thrown out the window and were screwed...

So....where does that leave us? The committee members can only be elected from the pool of Guild representatives... e.g. Nine clubs, Three members, a total of 27 potential candidates to volunteer their services for the committee.

Now there are plenty of fine upstanding gents doing these roles and they will be the core of the next few committees. And for that, on your behalf, I would like to thank them now and in advance for their future endeavours.

But, it is not the next little while that I am concerned about....it is the longer time future of the Guild that concerns me. If we don't get some "new blood" into the guild representative roles in the next little while...

I'm sure you'll find the following analogy quite true and more than relevant to your own club.... 5% of the membership does 95% of the work. I have found this to be quite true and it is entirely applicable to the guild representative situation. And that worries me. I have seen just how hard it is to get the likes of the Southern Membership with its 170+ members, to volunteer for ANYTHING...let alone to get people to put their hand up to participate or take a role with their own committee. This from a huge base of people...

Hence my fears that we'll be left a bit high and dry...I know that the wood turning clubs are a great place to go to share experiences, turning, life and mate ship, not necessarily in that order...but we all need to understand that this comes at a (small) price that a small percentage (4.5%) of the member need to give their time to be part of the Guild representative. As the Pope is chosen from a group of Cardinals, so too is the Committee chosen from the Guild Rep. pool.

So those of you willing to give the Guild membership a crack, get together with your current reps. and let them know of your keenness to move on up. Nominate and participate!!!

For it is only through the strength of your guild reps and from that the actual Guild Committee that we can move forward and be a strong and united group.

Till then good luck to the brand new incoming committee (you know who you are....)

(Written, spoken and authorized by Scott Rollo on behalf of the get off your arse and do something committee 2012) A very special thanks to those who contributed stories in response to my whingeing last

month. Your input is most appreciated guys - this is an ALL GUILD newsletter this month!!!



LINDSAY SKINNER MEMBER NUMBER 71

Hornsby Region Woodturners was one of the first Regions, and instrumental, in the formation of The Sydney Woodturning Guild Incorporated twenty nine years ago.

In those early days Hornsby's Convener was the late Arthur Ball, (a founding member of the Guild), who held monthly Friday night meetings at his home. Very soon new member Lindsay Skinner was incorporated as the regular demonstrator for the growing Club. Upon Arthur's death Lindsay became the Convener, transferring the venue to his home and organising the Hornsby meetings and demonstrations; a period now of over 19 years.

As well as the above, during this time Lindsay taught and trained many wood turners (at times with Les Miller), has frequently demonstrated at many other Regions of the Guild often showing some of the latest techniques, judged entries at combined Guild functions and shows, and has been a Regional Representative for an unrecorded number of years.

Lindsay also continues to promote wood turning via demonstrations at local Men's Sheds, woodworking clubs and the RAS Show as well as assisting/mentoring student and youthful wood turners.

In September the Hornsby's membership voted unanimously to propose Lindsay for Life Membership of the Guild as appropriate for his service. So it was no surprise when the Guild voted Lindsay Skinner as the 12th Life Member of the Sydney Woodturning Guild.

After a dust extractor, a positive pressure respirator, is probably the best protection one can have to reduce the ingestion of dust which we all manage to produce in vast amounts.

Back in 2005 I invested in a Triton respirator and it has served me well. About a 18 months ago I started looking for a replacement. There is just so much that can be patched up with duct tape, and the visor had become so scratched that I was flipping it up to do detailed work which rather defeats the purpose.

The Triton is no longer available and the 3M/Racal is overly expensive at almost \$1000. I tried the Trend, but I think it is poorly balanced and top heavy. I don't think the Paftec is suitable for me as I have facial adornment and I don't think it would seal well enough and I would need a face shield as well. So I decided to try making my own.



I wanted to avoid having to recharge batteries and having to clean or replace filters. I decided the only practical design for a DIY project was to use a tethered system.

There was a posting on the Woodwork Forum by a chap who had made one and I got useful advice from him.

For my air source, I use an inline blower and suck clean air from outside my workshop. I bought this on E-bay for \$79 +\$17.95 cartage. It is called a 4"inline exhaust fan and is used in the hydroponics industry. It is said to put out 125 CFM and only uses 65W so it shouldn't cost much to run.

I cut a cut a hole in the cement sheet cladding the internal wall of my shed to take the blower and was going to use a bit of 4" PVC pipe to connect through the wall cavity to the outside .The exterior of my shed is clad with hardieplank and when I looked in the hole I had just cut, it was obvious that there would be plenty of air coming through the slits of the overlapping planks.

I purchased some flexible tubing, 25mm ID x 31mm OD, online, from a company that sells pond equipment. The cost was about \$5.30/m. It's used to connect up pond pumps. I turned up a suitable sized plug with a flange to connect the tubing to the blower.



I now had to find a suitable face shield to adapt. I ended up using one of the readily available yellow ones that comes with an aluminium trim round the edge of the visor. About \$25 I think.

I purchased some 20mm thick plastic foam rubber, cost about \$20 for a square metre, which was heaps more than I needed .I thought it might take a few goes to get the shape right .I stuck masking tape around one half of the rim of the visor and marked off numbered stations. I then put the visor on and got my wife to measure and record the distances from the edge of the visor to my face and chin .I then added about 10mm to all dimensions because I wanted a tight fit . I then cut a pattern from paper and then from the foam which I then glued round the edge of the visor using liquid nails adhesive.



I used masking tape to hold the foam in place until the glue had set . I also glued a strip of foam across the back edge of the face shield and cut a couple of slits in the foam to fit the arms of my glasses.

I fitted a swivel fitting from an old vacuum cleaner hose to a hole bored in the top of the visor and plugged the hose in.

It was soon evident that the tubing was not flexible enough. I discovered that there was a very flexible tubing made for Cpap machines. These machines are used by people who have sleep apnoea. I bought a 1.8m length on E-bay for about \$18 and used it as a dropper to connect from the original tubing to the face shield. The tubing enters the face shield at an angle so that it is blowing onto the inside of the visor. This ensures there is no fogging and also stops you getting a cold head. The tubing is wired to the back edge of the visor so's it remains at the right angle.

I have sinced changed the original tubing to a 10 foot length which is much better. This is currently listed on E-bay at \$35 but I am sure got it for much less than this.



The hose is hanging from a wire strung at ceiling level which enables me to use all the equipment in my shed.

I have been using this setup for five months now and am very happy with it. At first I had problems with hooking my glasses off when I removed the visor, but once I got used to it, it is probably quicker to put on an off than the Triton.

The connections and changes in hose sizes considerably reduce the airflow, but using the flow meter from the Triton shows that it is still at the top of the range and as the weather warms up, I am sure it will be more comfortable than the Triton.



Personal Dust Respirator



If starting again I would probably not use the pond pump hose, but use pvc pipe to a central location then connect the flexible tubing to an elbow.

I think it is important that the hose comes from behind when working at the lathe otherwise it could be in the field of view which would be distracting.

The only disadvantages I find when using the respirator, are firstly that it is tethered but really I find that a minor inconvenience and secondly that I cannot use my earmuffs. Actually the earmuffs on the Triton only lasted a couple of years before the fittings broke.

The total cost of this project was well under \$200 and maybe this will inspire others to do something about protecting their lungs.

If anyone wants further details or would like to have a test run, I may be contacted via Bankstown City Woodturners. An earlier version of this article was first posted on the Woodwork Forum.

Ted Batty

With every story that is told there is a beginning. This is no exception to the rule but instead of going back to my birth and most likely boring everyone with such details as first poop, how about we skip ahead to something more relevant.

I am a hobby wood worker have been for quite some time. I was not sure if I wanted to do any wood turning and the expense of thousands of dollars to find out did not really appeal to me. And at the time I was not aware of the Sydney Wood Turner Guild. I was on the other hand wood fortunate member online enough be a working forum (www.woodworkforums.com). This is an Australian based website and most of the members are in Australia.

It just so happened that one of the members of the forum posted that they were going to get rid of an old lathe. After giving it some thought I decided to get hold of this lathe to see if I could restore this to working condition. The brand name was Hyco and made in Sydney, it was mostly covered in rust and painted by the last owner to limit the amount of rust, did not have a motor and looked like it was in very bad condition.



After getting this home I looked at what options there were in removing the rust, from using citric acid, electrolysis and an angle grinder.

I have never restored a lathe and was not sure if I could even put it back together after taking apart. The limited amount of metal working tools also meant that if I had run into a problem I would have to either figure out a way of fixing this or purchase a specific tool for a once off use.

Some guys have a plan and it is well thought out and even documented but alas I am not one of those guys. I had a general idea of what I wanted to do at various stages and a result that I wanted to get to in order to proceed to the next stage.

And So It Begins

The tool rest, banjo and other small parts were placed into a bath of citric acid. I have had good success in the past using this and so I just gave it a go, the results were good. I left these parts covered with a rust inhibitor G-15 and then covered with a rag that was sprayed with G-15 and placed in a plastic container with a lid. One thing to note is that when cleaning tools with citric acid anything with paint or grease on it will not work. This information discovered from two location from the big library(internet) and discovered for myself.



I now looked at removing the rust and paint from the bed of the lathe where the tool rest and tail stock slide. This had been painted by the previous owner to prevent further rusting. So paint stripper was required and then I used the finest of all tools elbow grease with some steel wool. The next test was to determine if I was going to waste a lot of effort. I needed to know if the centers would line up. After getting rid of as much muck from inside the drive shaft and from inside the tool rest. The checking was done with the drive spur and live center that came with the lathe. It was a good feeling when these lined up but I knew that I would not be able to use these when the restore was completed way too much pitting.



The next step was to try and remove the lathe from the stand. The bolts were rusted on and to try and salvage them meant that I would need to be very careful. Bugger that where's my hacksaw. After removing the bolts and releasing the lathe I discovered how heavy these suckers are. Plan B was put into effect and I pushed this off the stand into a table. More paint stripper was used. I remove the head stock from the bed of the lathe but before that I remove the drive shaft with a gentle taping from a hammer and a block of wood. I had no desire or the tools to remove the bearings from the head stock and ended up covering these with blue tape when I set to work with the removal of the rust.







The Lathe Stand

This was the easy part removing the bolts from the stand I turned to my hacksaw and my hands of steel. Like butter cutting through cheese, it just can not be done so I installed a new hacksaw blade and then it was like a knife cutting through butter.

It is good when you have friends that have tools that you do not own. I borrowed a friend's angle grinder and the various disks that he had. I tried a few on the underside of one of the shelves but these were very slow going so ended up at Bunning's to look at what else I could use. I found an abrasive that looked like hard plastic honeycomb called Strip-it-disk. It worked extremely well getting into surface rust and in the valleys caused by the rust without removing metal. Originally purchased one to try and I wore it out very quickly. I got another two more but only needed the one. I guess the first one wore out because of the hands of the operator pressing a little too hard.



One thing I never tried was electrolysis and so it was going to be a bit of trial and error. I referenced the internet on articles and videos of anything related to this process. Seemed very easy to setup so off I went armed with a bit of knowledge to purchase some soda from my local Woolies. I setup a bucket with the sacrificial steel rod and one piece that needed to be cleaned. I had used a battery in series with a battery charger as the charger I had was not going to work without a battery to charge. This cleaned up the piece very well and so I setup the first leg into a larger bucket. Did half and turned over to do the other half.

As the cleaning process was completed for the various parts a coat of metal primer was used, now that was a lot of fun and I know I went over board with the primer. Green was selected for the final coat of paint specifically for metal gates and your window bars. So this should last a long time, yeah right with all the stuff we put one our lathes.



The Motor and Pulley

Not much to say about this just went out and purchased the motor, the pulley on the other hand was not so easy to get. I ended up at a place that I did not know existed even thou I drove past them on regular bases. Everything was starting to come together and time was approaching to figure out a way of mounting the motor onto the lathe. I had the assistance of one friend where a similar lathe was at a Men's shed and so we created a bracket for the motor. Then another modification to the bracket to allow for a little more movement.





Actually Turning It On

The lathe was mounted to the stand with just a little more height added with a piece of chipboard. When I turned it on for the first time with everything attached I was about 3 meters away and out of the line of fire. I think I might have been a little overly cautious but as I said it was my first restore of a lathe.

There was still one more test that I need to do and that was to check the lineup of the newly purchase drive spur and live center. Another great feeling.

One final test and that required a piece of wood to be mounted between centers with the creation of some shavings.

I hope you guys enjoyed the story as there is a part 2 to this restore, the reason for the restore and that was to try turning something.



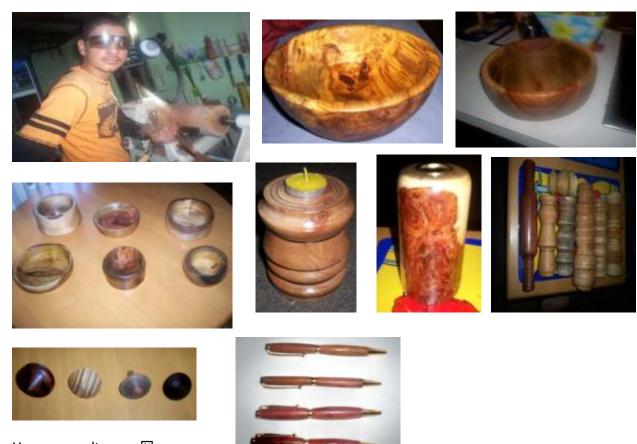






I'm a sixteen year old student and I read your report about the high school students doing woodturning at the Southern Region Cubby House.well I would like to tell you that my school (seven hills high) does a mentoring program with the Western Sydney Woodturners. Students can go to the club one day a week and learn woodturning from a member of the club. That is how I got into woodturning and I enjoyed it so much that I decided to join the club. I have now been a member for over a year and love it. I think woodturning is great and I am so lucky that there are so many wonderful members at my club who are so nice, friendly and have taught me so much.I make a lot of bowls, pens, candle holders, spinning tops, rolling pins, honey dippers etc and sell them to my teachers and neighbours. I even saved up enough to buy myself a new lathe so now I turn at home every chance I get (when I'm not at school or at the club that is). One day I would like to set up my own bussiness but for now I am happy just turning and selling my items so I can buy more woodtuming tools and machines.

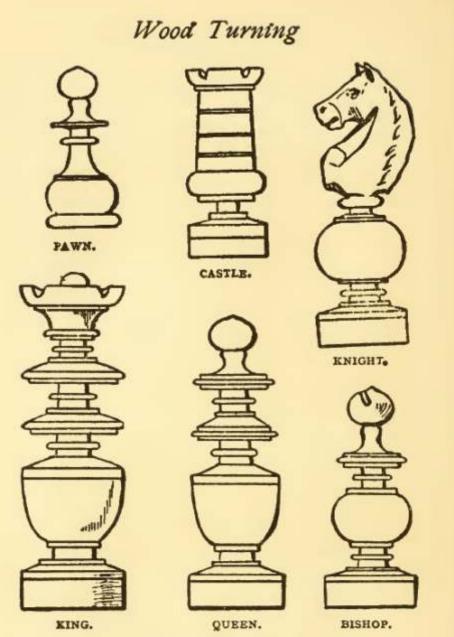
Below are some photos of me and some items I have made:



Happy woodturner **坚**

Jimmy Singh

Ever tried to find some templates for Chess Men? Looking for a set to possibly make a set for my son I have found a design - as you can see here...It's totally up to date and the very latest in designs....from 1921... so good luck if you make a set and if you do drop me a line or send me a picture.



SET OF CHESSMEN, FULL SIZE.

Suitable woods are boxwood and ebony. The bottom of each piece is turned slightly concave, so that it will stand secure. The lower portion of the knight is turned with a small pin on it so as to engage with a hole which is bored into the horse's head. The upper portion forming the head is hand-carved.

Ernie Newman's Woodies Quiz 119 - The Questions

- 1. Which is the hardest wood: Lignum Vitae, Gidgee, Broad Leaved Red Ironbark, Radiata Pine or Balsa?
- 2. Are there any safety concerns when turning spalted wood?
- 3. If a drilled hole is a fraction small how may it be enlarged without using a larger bit?
- 4. Which is the biggest woodturning association in the world: The American Association of Woodturners, The Worshipful Company of Turners of London or The Sydney Woodturners Guild?
- 5. How old is the oldest known wooden wheel: 2000 years old, 5000 years old or 8000 years old?

A Country Woodturner - Ken Sullivan

Ladies and Gentlemen: I am about to write about something that I have never seen any other author talk about in a "public" place, and I suspect it will stomp on a number of social taboos. If anyone is upset, then I apologise... but I'm going to do it anyway. I have some rather important things to say.

About six months ago, I got a first indication that I might have Prostate Cancer: a high result on a PSA test. Subsequent tests and a biopsy confirmed it, but indicated that it was "relatively benign" and that immediate treatment was not necessary. However, a later test and a more intrusive biopsy showed that it was, in fact, very "aggressive" (not necessarily fast growing, but certainly highly developed) near the centre of my Prostate, a section that had not been sampled in the first biopsy. I then had more tests to see if it had spread to my lymph glands and/or bones. It hasn't, as far as they can tell, so I will be going in for urgent surgery at the end of October to remove my Prostate, and with any luck, all of the Cancer. I will then have regular three and six monthly tests to confirm that I am "clear"... which will take 15 years. Hopefully.

I am not writing this to gain sympathy. In fact, I have kept this as quiet as possible, not even telling most of my family and friends. I know that desperate hollow feeling in the centre of your guts when you are told something tragic that you are absolutely helpless to change, and I do not want to see that on my friends faces. Plus, everybody has a horror story of someone they know, and, to be honest, I'm terrified enough without that to live with. Either that, or they have a "success" story, and while I am still facing surgery, even those are not a particular comfort, in spite of the good intentions.

But it is time to let people know why I have been so introspective and withdrawn over the last six months. I have had to seriously look at "what I hold true"... and to discard a few hopes and plans.

The first thing I want to say is: Gentlemen, keep on top of this! Current medical statistics indicate that almost all of us are going to have to face this Cancer at one time or another, most of us just keeping a "watch and wait" brief, but as with myself, a few of us will need more hostile treatment. The PSA test is lousy, often giving false positives, or, as in my case, giving no indication at all that something was developing for what must have been a very long time, given that Prostate Cancer tends to be the slowest growing of any. Having a finger stuck up your bum is unpleasant (well, for some of us, anyway), but it still only gives some possible warning signs. There just isn't a non-invasive test that is definitive. Ladies, you won't have this, but you do have your own particular selections of Cancer, and I personally think they are much worse. But in any case, be aware, and catch it early, if at all possible...

A Country Woodturner - Ken Sullivan

My father always told me: "Use your time well". As a young man I thought that meant, "Keep Busy", and "Be Productive", and "Help Others". But recently, and after my father is gone (from a different Cancer, bless him...), I'm beginning to be aware that it also means, "Stop and smell the flowers". We need those quiet times: listening to that almost leathery clatter as the wind moves through the leaves of a Eucalypt tree, looking at the ground beneath our feet and noticing all that activity in the jungle that is a mown lawn, watching a sunset... or, if you're like me with bad sleeping habits, watching a sunrise, or two... or more.

If I am headed for that "Big Dark", then I know that the only thing I will be able to take with me are the memories of the joys I have received and given. Things like my cat sprawled on my lap, purring her fool head off, looking up at me all squinty-eyed as I scratch under her chin. Man's Best Friend walking into the room where I am sitting, placing a paw on top of my foot, and his head on my knee, just asking to receive comfort, and in the process, giving it. Walking down a street, hand in hand, with my Best Beloved. And that sublime moment when the stream of a shaving is arcing over your shoulder as you move your bowl gouge in a perfect 45-second sweep, no hesitations, the bevel rubbing flawlessly to the centre of the bowl. And perhaps the most difficult joy of all: holding a broken piece in your hand... but knowing that there is another blank, and that this time, you know what you need to do to get it right.

And certainly a very precious one: knowing that I have recently been privileged to kiss the most beautiful girl in the world and that her eyes continue to light up every time she sees me: my granddaughter. And that I will have that joy again whenever I want.

We all have a limited time. Use it well. L'chaim! To Life!

Ernie Newman's Woodies Quiz 119 - The Answers

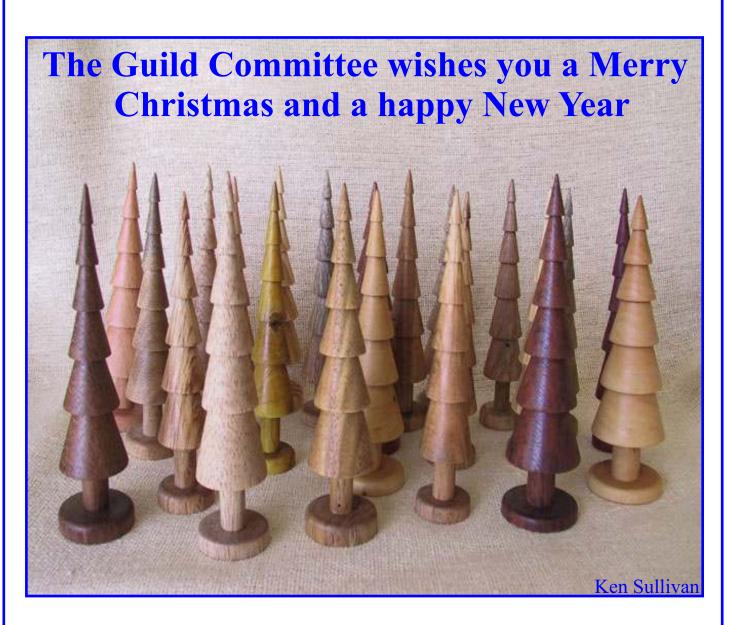
- 1. Lignum Vitae is the hardest [20], then Gidgee [19], Broad Leaved Red Ironbark [14], Radiata Pine [3] and Balsa [0.4].
- 2. Some people argue that turning spalted wood can be hazardous because the spores that create the spalted effect are released as the wood is turned and can cause health problems, particularly if inhaled. Spalted wood has often begun to decay so it is wise to ensure that, when chucked, the tenon is sufficiently strong. If the tenon is too soft then the work may fly out of the chuck.
- 3. To enlarge a drilled hole slightly, place a small piece of fine cloth backed abrasive over the bit [abrasive side out] and rebore. The abrasive will make the hole a tad larger and smoother if the abrasive is fine.
- 4. The American Association of Woodturners [AAW] is the largest woodturning association in the world. With almost 15000 members living in places such as Croatia, Japan, Austria, Costa Rica, Iceland, Taiwan, South Africa, Argentina, Luxembourg, New Zealand and Australia it is much more than an American institution. There are many advantages for members, notably its excellent journal, educational grants and travel options. Over 1000 of its members have indicated that they are willing to receive or host visitors. They are marked with an asterisk in the membership list which is available to members. I selected Montana as a typical US state that Australians might visit [fabulous mountains, forests, lakes and glaciers] and found that there are 6 Montanans in the AAW willing to host visitors. More populous states have a lot more. I checked out the Montana membership myself back in 2001 and the first person I contacted said he would love to put me up. I stayed for a week and had a great time. So if you are planning an overseas trip it could be an advantage to join the AAW. Google for more information.

Ernie Newman's Woodies Quiz 119 - The Answers

5. The oldest known wooden wheel, found in Slovenia, is thought to be 5100 to 5350 years old. It was carved from Ash and Oak and measures 700 mm in diameter and 50 mm thick. Its square recess receives a square section on its 1200 mm long Oak axle which means that wheel and axle rotated together.

Acknowledgements

Woodturning is an endeavour where people are remarkably generous with knowledge. I would like to thank all who have provided tips and information for the quiz. Students and former students have been terrific contributors, particularly Phillip Brien, John Cossey, Jan Pennell, John Krook, Ken Cooper, John Allen and John Mulquinn. Others include George Hatfield, Mike Darlow, Terry Martin, Greg Lawrence, Bernie Axford, Allan Game, Col Herbert, Dick Turner, Simon Priem, Des Lane and my dad. Many overseas tumers, too many to list, have also provided information. Over the last year or so I have used insights from Jean- Francois Escoulen and Christian Delhon from France, Eli Avisera from Israel, Stewart King and Robin Wood from England, Penehuro Papalii from Samoa, Michael Hosaluk from Canada, Mark Sfirri, Andi Wolfe, Hought Wahl, Kip Christensen, Jane Charbonneau and Hilda V Carpenter from the US. Thanks to all the others too.



Internet links for Woodturners

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

<u>http://www.laymar-crafts.co.uk/</u> 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				
<u>Month</u>	<u>Committee</u>	Bi-Monthly	Time & Cost	
January	30			
March	27	17th SOUTHERN	ТВА	
May	28	ТВА	ТВА	
July	30	ТВА	ТВА	
September	24	16th WESTERN	ТВА	
November AGM	26	17th SOUTHERN	ТВА	
All guild meetings 18:30 till finish President Warren Rankin 9600 8061				

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 partyTBC		
Sunday Maxi 0930 - 1500 cost \$5 President Paul Kruss 9823 8340		

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

EASTERN REGION WOODTURNERS INC.

Saturdays 1100 - 1630 President Lindsay Skinner 9679 1055

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

Guild & Affiliates Calender of Events 2012

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

Harbison Care Villiage cnr Moss

NORTHERN BEACHES WOODTURNERS INC.

Narrabeen RSL Club Nareen Pde North Narrabeen			
Sunday	Sunday Tuesday Workshop V		
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 WOODIES INC. SOUTHERN REGION WOODTURNERS INC.

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

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

Dec 22 Xmas

Nov 24

"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	
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	
Мау	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	18AGN	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

Bankstown City Woodturners

Attendance at our Saturday meetings has been fairly regular over the cooler period, and we have seen a slight increase at the last couple of meetings with the warmer weather slowly coming good. (Yes, first Saturday EVERY month, 9.00am, and also second Tuesday night every month).

Members once again had our lathes operating continuously during our October and November 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.

However we have come to a "gentlemen's agreement" that the noise will stop for thirty minutes for lunch, immediately after Show and Tell at our Saturday meetings.

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

Come and join us at Bankstown if you wish. \$5.00 for the day will get you free coffee or tea, use of a lathe as available, and plenty of time to meet and chat with our members. Don't forget to bring your lunch with you.



Segmented Urn Jose' Jalife



Bread Knife Ted Batty



"Crap Happens" Anon.



Miniature Tree Trunk Table Bruno Dario



Book Ends Ted Batty



Cheese Platter Fred Cassar



Cheese Platter Fred Cassar



Miniature Table Bruno Dario



Jacaranda Bowl Ken O'Donnell



Jacaranda Bowl Ken O'Donnell



Segmented Urn Jose' Jalife







First effort Tops Cameron Cook Natural Edge Walnut Bowl Doug Midgley

Red Cedar Platter Doug Midgley



Lidded Box Merbau Ted Batty



Small Bowl Marcel Chalhoub



Burl Bowl Ted Batty



Small Bowl Marcel Chalhoub



Miniature Vase Marcel ChałKŇÕĪ



Carving Mallets Marcel Chalhoub



Eastern Page 25





Antonio's Clocks and Rolling Pins





Bill-Pap's Salt and Pepper Shakers



Terry's Burdekin Plumb Wine Glass

Eastern Page 26





Mario's Ring Bowl and Jewellery Boxes





Gerry's Candlesticks and English Oak Jewellery Box Circa 1908



Cliff's Clock mounted on post and Base



Geoff's Huon Pine Camera Stand

Hornsby Page 27

Twenty members were welcomed by Lindsay to our Saturday meeting and together with our member Alastair Bennetts were today's demonstrators on the subject 'Marquetry & Veneering.'

We were advised that our Christmas Dinner would be on Friday 30th November at Seven Hills RSL Club from 7:30 pm, (more details at our November meeting), and also that Guild President Warren Rankin would attend our November meeting.

After a brief discussion on the basics of marquetry, making (and selection of contrasting) veneers and use of glues, Alastair begun demonstrating cutting, colour darkening with heat of the veneer, laying out the design and finally gluing.

Scroll sawing is generally used to cut the veneers but for thinner veneers, say 0.6 mm, a knife or scalpel can be suitable. Allowance for saw cut width always need consideration in combination with the cutting camber of say 2 and up to 9 degrees so that there are no voids visible, ie a flush fit, when completed. Note that sharp corners are difficult to cut.



A short discussion followed on self-made veneers and needed. the equipment Cutting on a good, well adjusted band saw with 3 or 4 teeth per inch and up to 1.5 mm thickness followed by sanding at 80 grit to even any irregularities is not too difficult. Care of the cut after veneer cutting is



important to prevent cracking and buckling.

To complete the demonstration a tulip flower was constructed using western red cedar, jacaranda, Australian cedar and blackwood. The tips of the petals were shaded, by heating in a hot sand bath or burning, to accentuate the artistic effect. Cut the 'inner' veneers by

laying over the 'outer' veneer and holding in place with tape. Remove the tape and fit the 'inner' veneer into the area cut from the 'outer' veneer and tape to hold while the next veneers are cut-out and fitted.





Hornsby Page 28

When all the veneers are cut and adjusted into place the pattern can be glued. Avoid the higher water content PVA glues as these will cause buckling. For best stability MDF board as the background is recommended together with a similar veneer glued to the reverse side of the MDF. Hold the veneer and MDF together evenly with clamps until completely dry. One tip was to use a layer of corrugated cardboard in the compression as this will even out the pressure on the veneers and result in a better/even finish.

Once dry sand carefully, using a block and across the grain. Careful mechanical sanding can follow once the hand sanding has removed all high spots. (Full information on this topic can be found on the web by looking for Mike Weiner and Silas Kopk).

Show & Tell followed with John Edwards first-up. John showed two 6 inch high sided

bowls both made from Oueensland walnut.



Elwvn showed a high sided oval bowl with colour good and grain from turned 'old' camphor laurel.

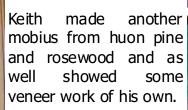
Rusty showed a

nicely made tea light holder from pacific maple finished with Shellowax.

Russ turned a gavel for his Lion's Club, well made from Australian mahogany and finished

with Shellowax and





Brian Hawkins brought inlaid small box made while he was at school from walnut and Queensland maple.





Thanks Alastair and Lindsay, a great introduction to marquetry and veneering, and we are advised that Part 2 will be organised for early next year.

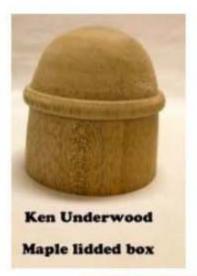
See you all on Saturday 10th November for our last and special meeting for the year.

Menai Page 29

MENAI REGION WOODTURNERS

The theme for October was lidded boxes and we had seven entries.



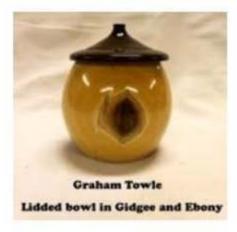








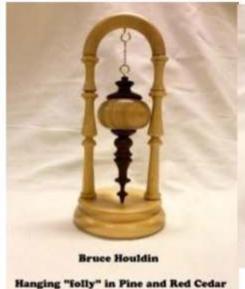




First place was Mick Bouchard, second Bruce Houldin and third Graham Towle.

Menai Page 30

The theme for our November meeting was Ornaments and we had six entries.



Graeme Stokes
Christmas Tree in Silky Oak and Camphor Laurel



Mother and child in Iron Bark and Mountain Ash





Graham Towle Angels in Gidgee

First place was Ron Fisher, second Les Jaffrey and a tie third between Bruce Houldin , Graeme Stokes and Graham Towle.



Southern Highland Woodies

Ron South Model Making

Ron provided us with a very comprehensive talk on his methodology for model making. He brought along some great models. It was quite evident that Ron puts a great deal of effort into his projects and from the photos it's easy to see that he has some great results. He says it keeps him busy when he can't turn. His methodology is:

Selection of the Project Ideas from books, plans photos or his own designs.

Selection of Timber Suitability to the job, colour, texture, availability and workability.

Read through the steps of construction carefully noting any changes that need to be made. For example you don't have the right equipment or there is an easier way to do it.

Get your selected timber to the right thickness. Ron uses a thicknesser. Start with the thickest pieces first and work through to the thinnest.

Trace patterns where needed. Make use of carbon paper.

Mostly make the chassis or the main body of the model first. this involves cutting the timber to size (using a drop saw) for the straight cuts and use a bandsaw or jigsaw for the curved or sloping surfaces.

Sand all the surfaces to remove any saw or pencil marks

Mark out the internal shape and cut out with a jigsaw.

File sand and smooth all of the internal surfaces. Ron starts with 180 grit.

Assemble the parts using PVA glue. Ron doesnt use any screws nails or bolts.

Make the wheels, pistons and other parts. Mostly done on the wood lathe. Ron uses a pen mandrel to turn all the wheels at once so that they are uniform.

Final assembly and clean.

Finish with a few coats of oil. Ron Currently uses Scandenavian Oil which he applies with a soft cloth or paint brush. He finds that oil is easier to maintain than other finishes.







Southern Highland Woodies

A Small Timber Racer.

Jack Butler gave an excellent demonstration of offset turning. The session began with Jack showing the SHWG how to go about making a small toy using the offset turning method achieving excellent results at the conclusion.

He began by marking out a block of pine 45mm square by 170mm long (sorry about the metricese). He marked both ends with a vertical centre line and a horizontal line up 8.5mm from the base on both ends and centre popped these two positions.

Next he marked the position of the wheel arches which were at 70mm wheel base centres and 6mm up from the base, he then drew a rough outline of the body shape as a guide to show the windscreen and rear window profiles.

Using a forstner bit he drilled 2 - 25mm holes, 10mm deep, then using a small brad point drill, drilled through the centre of these holes until it just broke through the other side which gave him the exact position at which he could drill the opposite side wheel arch holes.

The wheels were prepared from 20mm dowel drilled 6.35mm(a quarter inch in the old language) through and parted off to a thickness of 10-12mm or wider if you want fatties, the stub axles were made from 10mm dowel 24mm long turned down to 6mm leaving a 3mm domed head(all with a skew)

Then came the body of the car (similar to the old slot cars), he set the wood between centres using a sprag drive and live centre in the centre pop marks, first he roughed it to round using a roughing gouge, during which he showed how to use the tool by moving the tool backwards instead of the conventional method of pushing it forward, thus reducing the splintering of the wood.

Next, using a skew chisel he marked the position of the windscreen and rear window to the approximate depth and roughed the front and rear profiles next using a spindle gouge sharpened at an angle of about 30 degrees he removed the wood in passenger compartment (in the demo he was making a roadster) and then carried on to finish the whole profile of the car. The eventual height and profile of the car is determined by the height and position of the wheel arches, and the overall length is about 140mm.

If it looks good — it is.

Offset Egg Cup.

Before the egg cup there came the egg.

So following the course of nature Jack produced an egg (on the lathe), The egg in this case was 42mm in diameter and 63mm long or the length being one and a half times the diameter, this ratio Jack explained was arrived at by measuring well over one thousand eggs and documenting the sizes.

Jack started on the big end of the egg as it helped in the later operations of finishing the small end, he demonstrated using both the skew and detail gouges to produce the hemispherical shape on the end, bothtools produced a very fine finish in Jack's hand, but if us mere mortals tuned the egg it would be OK to go through the various grits of sand paper, 180, 240, & 320. It was interesting to note that Jack uses paper towel to apply the finishes.

Jack gave a number of useful hints, one being he uses a flush pipe rubber cup (new not used) available from Bunning's plumbing section, held in the chuck jaws then rolled back on itself to form a soft cup chuck which does not mark the timber, or a split collet which is a cylinder of wood of appropriate size to slip over the job which has two longitudinal cuts almost through to say 1.5mm from the bore of the cylinder and one which is cut right through, these cuts are at approximately 10.00, 2.00 and 6.00 o'clock, the cylinder is then slipped over the job and placed in the chuck and clamped up in the usual way, a wooden or plastic disc in the back of the chuck is used to stop the part from being damaged.

Jack uses a lot of his namesake, Jacaranda and this time was no different as he used it to make the offset egg cup. He had a piece about 40mm diameter on which he had cut a tennon wide enough to fit between the jaws of the chuck when the chuck is fully opened, in this case about 20mm wide and the tennon length long enough to clear the height of the jaws, by using this method, when the jaws are closed they act like a vice on the tennon thus eliminating the need for expensive offset chucks or marking out centres as in the earlier case of the car.

Jack set the job up so that it was running true with no offset and using a bowl gouge bored and turned the cup part to suit the big end of the egg previously turned. He presented the bowl gouge with the two edges of the flute horizontal to the lathe axis and at the angle which the gouge is sharpened to hollow out the centre of the cup; he started at the outsideoif the cup rim and worked towards the centre.

A heated debate took place as to which end of the egg should go in the cup, the big end or little end, the debate was settled by Jack declaring the little end should go in and leave the big end out as this lets the yoke be on top.

Southern Highland Woodies

It was pointed out that when turning an egg cup the internals should be turned first as this is the most important part however when turning a goblet the exterior shape determines a nice goblet and this should be turned first.

Jack used a parting tool to the depth of the first cove then a skew to shape the outside of the cup part, it is important to have the skew horizontal to the lathe axis at the start of the cut and rotate the skew through 90 degrees to be vertical at the end of the cut and the tool should be at 90 degrees to the lathe axis when viewed from the top, these steps reduce the possibility of a catch.

Next Jack released the chuck jaws and moved the tennon approximately 6mm off centre and retightened the chuck, using a detail gouge and riding the bevel machined the second cove, a limited amount of pressure should be applied otherwise the thin wall between the coves will break out. Jack repeated the process of offsetting but in the opposite direction and turned another cove. Then finally he set the job back on center and turned the base and final stem, all the stem sections were about 12mm.

Another handy hint was to make a jamb chuck (sometimes called a golley chuck due to the need to moisturise the mating parts to expand the wood to increase the grip) by using a piece of wood approximately $100 \times 40 \times 100$ mm, then making two cut outs on the sides 60×30 mm leaving a 40mm spigot in the centre, then hold the base part in the chuck as previously described (vice like) and turn the spigot to the desired diameter, the tennon may need to be thinned out in order to fit the gap in the chuck jaws. This type of chuck again makes it easy for offset tuming items such as the top of a salt and pepper shaker or small offset lidded bowl.

Another method of offset turning such as in multi step candle stick is to have a blank approximately 50mm square and of the desired finish length depending on the width and number of the coves you intend to turn (see below say 4 or 8) plus about 50mm.

The blank is marked out on both ends by first finding and centre popping the centres making sure the vertical and horizontal lines are marked across the entire face of the ends, then scribing two circles say one at 16mm diameter and the other at say 32mm diameter.

Then mark off the circles at 45 degree increments and number them 1 to 8. Looking on the end of the blank, the first mark is made at 12.00 o'clock on the 16mm circle the next mark going clockwise is at approximately 1.00 o'clock on the 32mm circle and so until all 8 positions have been marked; ensure the numbers on both ends correspond to the mating position on the other end.

When all marking out is complete put an identifying texta pen mark along one side of the piece to enable lining up later, now cut approximately 50mm off one end. Hold the long piece in a chuck. Rough it to round and turn the recess for the candle cup and finish the outside of the cup part. Now hold the short piece in the chuck and turn a spigot to suit the candle cup just turned. Using something like hot melt glue join the pieces together ensuring they line up using the texta mark.

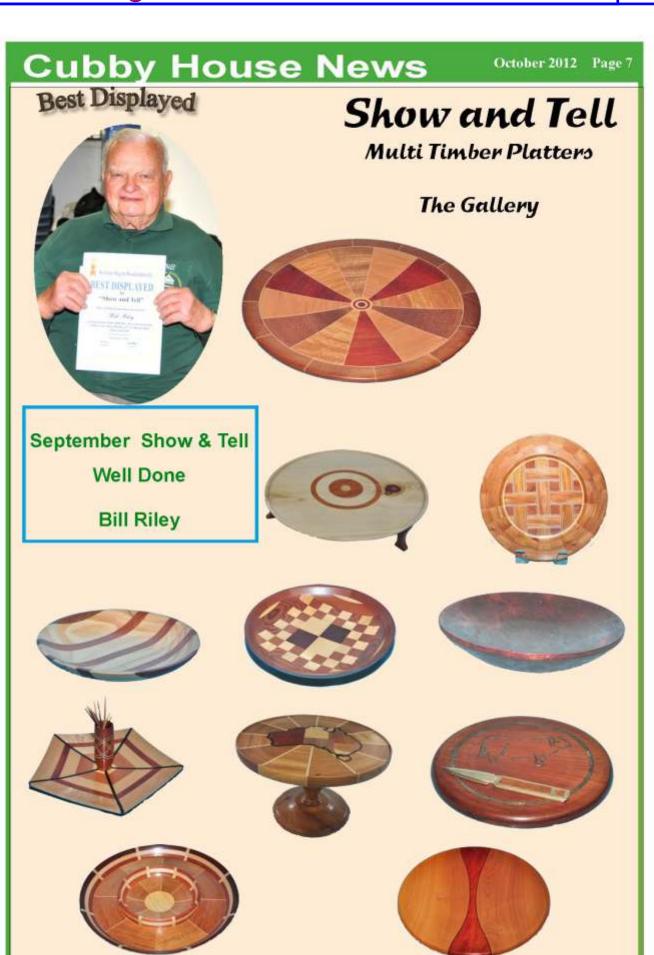
The next operation is to mount the piece between centres at position 1 and turn a cove, then repeat the operation at position 2 and so on until you have turned all 8 coves. The overall height of the candle stick can be reduced by only turning 4 or 6 coves.







Cubby House News November 2012 Page 7 Best Displayed Show and Tell Cheese Platters The Gallery October Show & Tell Well Done Jack Butler



























SYDNEY WOODTURNERS GUILD INC.

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TEL: 02 9533 4086 or 0438 569 969

All submissions will be gratefully accepted. Original photos will be returned but we prefer soft copies if available. Please submit articles in PDF, Word or text files.