

Welcome

President Jay Stearns showed up wearing his special St. Patrick's Day pants because two years ago, actually St. Patty's Day, we canceled our meeting, devastating him. He welcomed everyone to the March meeting.



Announcements

Jay said the Larry Maughan sale went well and the family was quite pleased with the outcome. He thanked everyone for going to help support the family.

Elections will be held at the April meeting. Anyone that is interested in becoming an officer like President should let Jay know during the break and if not president there's other officer positions.

Camille Watanabe said that Home Depot is doing a pilot program selling Baltic Birch at three locations, Plano, Frisco and McKinney. It is exterior grade Baltic birch. 4 x 8 x 3/4 are \$129 and the half inch thick one is \$80.

Note: my apologies to Camille for misspelling her last name in previous newsletters. The correct spelling is Watanabe.

Jay welcomed Jeff Goodman who will be doing a presentation on segmented bowls. And he's going to show us the bowl that beat him at the state fair saying "it's very impressive. I'm really pleased to meet Jeff today and we've chatted a couple of times on the phone and I'm really kind of excited to have him go over his technique and everything for his bowls."

Kelly Geer said she'd been approached on social media by a company looking for up to 50 local-made hexagonal boxes maybe eight inches or so in diameter. Kelly is to provide Joe with the details and he will create an email to everyone.

Kelly also said they, Urban Tree Merchants, is having a Saturday Open House kind of thing at their new workshop. It's in Arlington about 10 minutes from their old shop in their backyard. She'll post about it on social media when it's set.



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Dale Smith said he has a friend that's looking for someone to build high-end humidors. Contact Dale if you are interested.

Gary Turman reviewed the raffle prizes. First is a big cardboard from Woodpecker's wood source. It's 10 board feet of Patagonian rosewood or Sybil weighing 72 pounds. In board's are 15/16" thick and run from four inches to about 18 inches wide and four feet in length. The other prizes the Cobb sewing machine lights that so many people have become fond of. There is a set of Montana self-centering drill/ drivers with a centering drill on one end and a driver on the opposite. There is an Incra marking plate that needs a little more attention to the end that it came out of Larry's garage sale thanks to Steve Yauch. And lastly, there's Wood River diamond jointer blade hone that lets you dress your joiner knives in place. Gary said he needs everyone to buy more raffle tickets to make the raffle self-sustaining, not to make a profit by any means. The more that everyone spends, the more Gary has to spend on the next month's prizes.

Shop Questions

Jay Stearns said he's made a new cedar box for neighbors that are going to be using it in a sauna to carry a salt block in and out of the sauna and is wondering if he should put a finish on it and if so, what.

He did attach the handles with the stainless steel bolts just make sure because it is going to move. The general recommendation is no finish.

Gary Turman offered this shop tip: Most of the new liquid laundry detergents are coming in a one-gallon plastic jug with a dispenser on the end of it making them wonderful dispensers for paint thinners. He said he'd recommend shying away from lacquer thinner and acetone for sure because both of those will melt plastic but a lot of your paint thinner and stuff like that now come in plastic containers.

Sidney Futrell said he's been helping out a church where they bring furniture and clothes for needy people and he's been elected to fix some of these things. One of them is a wardrobe that is seven feet tall and is probably close to 100 years old. Some parts appear to be built with machines and others by handwork. The bottom and top of the case are held in alignment with French cleats and he was wondering if anyone else has seen this before? No one said they had.

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Show & Tell



Jack Webb is building a new shop. He has three walls in his two-car garage lined with cabinets about three feet high and 13 inches deep. In the process of figuring out a way to plug in his chargers he created this charging station out of $\frac{3}{4}$ " plywood screw screwed up against the wall.



Brian O'Donnell brought in another hand plane that he has restored by repairing the broken handle and using electrolysis to remove the rust. It's a Stanley Defiance of the World War II era time.



Mark Schobel made a cedar box for his daughter. This was his first time to experiment with pattern plywood

on the top and inside. It was also his first time for spine joints. His inspiration came from Michael Paul Alm's videos.



Ed Horn said he'd never made a cutting board in his life and that he is a very, very beginner woodworker. He's been collecting tools, but work got in the way of really devoting much time but now has one and a half feet in retirement. He used John Loftis' presentation as motivation to make his first cutting board. Congratulations Ed!



Steve Yauch picked up one of Larry Maughan's homemade wooden handles for a turning tool and has added one of his tool-ends to it to show people the way it works. This is a Robust brand tool that uses standard machining collets. These collets are available in different sizes and shapes for about \$10.00 each. The aluminum handle on the left is one that Steve made and is patterned off a Oneway Sure Grip Tool Handle. Steve using his lathe. Steve says you can cut aluminum with standard steel tools or carbide tools.



Dale Smith made this box out of zebra wood and walnut. He said he's working on hinge designs and different kinds of edges. These hinges are made of zebra wood.



Kelly Geer and Urban Tree Merchants was commissioned by a client in New York to make this drum case out of wood and epoxy resin to his specific design. One of Kelly's employees is an artist and he did 50 or 60 little tiny pours of clear epoxy mixed with mica powder dyes so it's still really translucent. They worked with Brian Schrader a local wood turner to turn the shape. Kelly said it's going to be interesting to see what it does to the drum sound.



Jay Stearns originally showed off these "feather" or leaf" boxes at one of our zoom meetings. He says he got the idea from a guy named Blake Weber on YouTube. Although Blake uses a CNC machine, Jay just used his bandsaw. One box is made of zebra wood and the inside bottom matches the pattern on the lid. He also made one out of mahogany and maple. These boxes are time consuming because after you cut out the pieces and glue them together you have to wait a day for the glue to dry before proceeding to the next step.

The March winner of the Show & Tell \$10 drawing was **Steve Yauch**

Raffle

Owen Haggard: 10 board feet of Patagonian rosewood from WoodPecker's Wood Source.

Dave Cassman: Wood River diamond jointer blade hone

Kyle Einhorn: Montana Brand self-centering drill/drivers with a centering drill on one end and a driver on the opposite.

Jay Stearns: A pair of Cobb sewing machine lights.

Mark Schobel: 3" Incra marking rule donated by Steve Yauch through the Larry Maughan estate sale.

Program



Jeff Goodman talked about how he went from a beginner woodturner to winning the Texas State Fair Best in Show across all arts and crafts in a very short amount of time utilizing shared spaces like a maker space and taking classes.

He shared pictures from when he was making his Best in Show bowl. In a

nutshell, the process is to make a design, Jeff actually made his on the computer, then stick some wood together, cut it into a small slice, make those into the rings, and then stack those rings and that's how you end up with a with a bowl that has a tornado effect. Both on the outside and, and on the inside. Sounds simple, but after delving deeper into the process, simple it ain't!

But first he talked about his woodworking background. Jeff said he got inspired to do woodworking in junior high school, but then didn't do anything until he moved to Dallas and thought that he really needed to develop some kind of a hobby. He bought a ShopSmith in 1982 and did lots of woodworking kinds of things including a little bit on the lathe such as pens, little perfume bottles and things like that. He tried intarsia but then decided to take up woodturning again and took classes at Woodcraft where learned about classes at the Dallas Makerspace. He joined Makerspace so he could have access to all their tools 24/7, 365.

After joining Makerspace he went to the Southwest Association of Turner's symposium in Waco where he first saw a segmented bowl and started attending seminars on making them particularly those of Malcolm Tibbets, a world-renowned segmented object maker. He was also inspired by Pete Marken and his tornado bowl.



Jeff says the first thing he did on the design was to create a spreadsheet on how he visualized the layout using very small, thin thicknesses of some hardwoods. The colored woods came from Spectra ply that come in a variety of color combinations. He used the Americana blank for his award- winning bowl.



Small, thin slices are glued up to create blocks that would be cut into circles and glued up in layers. Jeff says this is a time-consuming operation and he made jigs to keep the blocks flat.

Making sure your slices are straight and flat are musts to keep from getting voids in your blocks which then transfer to voids in your turning blank. Jeff used a drum sander to keep the slices to the same thickness of 5/32".

Rings are cut out of each slice using a CNC machine. He sets the cut at 92° to make the turning easier and to reduce tear-out. Jeff tried the bandsaw but couldn't get the exact circles required for these "thin" bowls. A total of 6 slices make enough rings to build his tornado bowl. You start by taking the smallest ring from each slice to get the overlap needed until you use the largest rings.

Before he can start gluing the slices into a turning blank, Jeff has to make a base starting with a sacrificial piece with the tenon for his scroll chuck to lock onto. He uses four pieces of brown paper bag material heavily saturated with TiteBond III. This makes breaking the turning blank off the sacrificial ring easier. Just a few taps and it splits away.



Jeff has made several jigs to keep his slices aligned when gluing up. One is called a stamper that he made out of a 12" popup sprinkler. He also made the adjustable "chuck" to center the ring slices for gluing. He uses TiteBond Thick & Quick to glue the slices up for the turning blank because it dries clear. He gets the "tornado" effect by twisting each ring 7/16" offset from the prior ring. Jeff cleans the excess glue periodically before it sets too hard. He also flattens the glue up periodically on his drum sander, about every 7 layers, to eliminate alignment errors that multiply the more slices you glue up.





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Jeff says that one of the things he learned from prototyping was to make your turning blank pretty much round before you even get a lathe tool in there. He also learned that conventional tools dull quickly regardless of what kind of plywood you use. It's turn a little bit and become friends with your grinder because you need to sharpen and then grind and sharpen and grind. He said he ended up using one-inch skews that he turned into scrapers. He offset one side instead of the skew being perfect angles on both sides and left a burr. You're not taking nice big curls, you're taking basically almost like fine sandpaper. And that's what you've got to do to be able to do one of these and get it to stick together.

For finishing, Jeff typically uses a lacquer sanding sealer that he gets from Sherwin Williams and he thins it quite a bit with lacquer thinner because it really soaks in and you get a better seal. You want to seal all those pores and you want to seal as deeply as you can. He uses a pre-catalyzed lacquer for the top coat to get a nice build.



Next club meeting:
Tues., April 19th
7:00 pm at the Party
Barn
5948 McKamy Trail
Plano, TX 75024

Program:
Ron Peyton on marquetry

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