



As the Wood Turns

The newsletter of the Chicago Woodturners, 30 years of craft, technology and tradition

<https://www.chicagowoodturners.com/>

October 2021

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President's Curls

October, 2021

The Empty Bowls for Food sale on September 11 at the Batavia Boardwalk Shops was very successful. The Beads of Courage Boxes were delivered on September 29th. Please see additional information in the newsletter following.



The attendance at the September meeting, live, at Christian Liberty, was limited, as expected. I believe the October meeting will be better attended, even with the ongoing health concerns. In accordance with the current CDC recommendations, we will be requiring masks for all attendees, vaccinated or not. For those who are still unwilling or unable to attend in person, we will again broadcast the meeting.

Be sharp, be safe and wash your hands.

Andy, still at a safe distance.....

AAW and other News

Annual Symposium

An in-person AAW 36th Annual International Symposium has been scheduled for June 23-26, 2022, in Chattanooga, TN. This large, action-packed experience marks the celebrated comeback of AAW's Symposium after a two-year virus-related hiatus. There will be plenty of demonstrations and panel discussions, a jam-packed trade show with exhibitor booths, inspiring exhibitions and Instant Gallery, auctions of turned art, charitable initiatives, networking opportunities, and more. Mark your calendars!

AAW IRD Calendar.

A new section for the AAW website, the IRD calendar, lists upcoming interactive demonstrations available. Most are priced between \$7 and \$15.

AAW Virtual Events

Beth Ireland, 3PM Eastern, Saturday October 23, 2021: Using the lathe to make Stringed Instruments.

WIT Presents

Watch for additional information on the AAW website

Record Power Live Woodturning Demonstrations from Australia and England

A series of free 'Interactive Remote Demonstrations' (IRD's). To be put on their mailing list for upcoming demonstrations, send an email with RSVP in the subject line to miked@recordpower.co.uk Your log-in details will be sent in return.

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Pat Carroll's Meet the Woodturner

A free series of discussions with woodturners from all over the world. Anyone who wishes to join should email Pat at meetthewoodturner@gmail.com and you will be put on the mailing list for future events.

Secretary's Report

The meeting started a few minutes late, to give Jerry some time to work out some audio issues with streaming the meeting.

Tonight's demonstration, by Al Miotke, featured Beads of Courage staved construction. Jason Clark was our gallery reviewer.

AAW News

Live online event Saturday 25, 2021 Simon Begg, German Rings Turning.

Beth Ireland, Using the Lathe to making stringed instruments, on October 23, 2021. Beth is one of our featured demonstrators at the Turn on Chicago Symposium next year - check out what she can do.

Still on track for 2022 Virtual Symposium.

TOC News

A kick-off meeting is scheduled for September 16, 2021. This will line up work assignments and get committees up to speed for the 2022 Symposium. Everyone is invited. If you are interested in participating, contact Al Miotke and he will send you the Zoom meeting link.

Mentorship

Andy clarified that mentors sponsored by CWT, and covered by our insurance, are not to charge a fee and mentoring is to be provided to a club member in good standing. It is also advised that a mentor should inform the club via email that the mentoring is taking place, as well as completing a release form to be sent in to the club for the record. See CWT site for release form samples or call Andy if you have any questions.

Empty Bowls

John Dillon reported that the very successful Empty Bowls Sales Event, held in Batavia on September 11, 2021, netted almost \$1,500. The sum will be donated Northern Illinois Food Bank, the Batavia Food Pantry and Fox Valley Food for Health organizations. A date is being considered for yet another Sales Event this year.

Member News

Brenda reported that she is taking reservations for the CWT Holidays Party: the charge is \$20 per ticket, with the club making up the difference in costs. Send your checks in to Brenda or sign up at the October meeting.

At the October meeting a slate for the open board positions will be finalized. Consider volunteering to help maintain our club's success.

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Membership

Tonight's in-person attendance was 29 members. One new member, Geoffrey Bender, was added to the list in September.

Beads of Courage

Andy announced that he has 20 boxes in stock now and would like to make a delivery to Lurie Children's Hospital soon. If you have completed boxes bring them in.

Safety

Frank Pagura and others emphasized the importance of paying attention to lathe safety fundamentals and the consequences when we cut corners or forget. A recent Beads of Courage club turning event provided some drama and a few bandages, underscoring the fact that even experienced turners can get into trouble by forgetting safe lathe fundamentals.

Raffle

The raffle tonight offered some good-looking blanks and turning tools. Check the Raffle report for winners.

Gallery review

Even though we had a lighter turnout tonight, we had some stunning pieces and Jason did a masterful and highly constructive review. Zoom served us well during our virtual meeting period, but you can't beat the in-person gallery viewing and discussion.

Demo

Al showed us a new way to make Beads of Courage Boxes. Read all about it in Paul Rosen's Demo report in the newsletter.

Respectfully submitted by Frank Pagura Secretary

Membership

Brenda Miotke & Stan Herman

We ended the evening with 30 in-person members and an unknown number of internet members attending our last meeting.

We had two guests: Phil Moh of Lombard and Sydney Link of Gurnee.

One new member: Geoffrey Bender of Glendale Heights.

If you have paid your membership dues for 2021, have not received a membership card yet, and want one, contact Brenda Miotke by email bkmiotke@comcast.net or snail mail:

Brenda Miotke
920 North Sumac Lane
Mount Prospect, Illinois 60056

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Although you can join (or pay dues) at any time, dues for Chicago Woodturners cover the calendar year. You may pay dues with cash or a check: \$30 for an individual membership or \$40 for a family membership made out to Chicago Woodturners. Single membership for anyone under the age of 25 is \$10 per year. Our new treasurer is working on a program to allow for credit or debit card payments.

Raffle

The raffle this month netted \$65.

Demonstration Report

Stave Box Construction

Paul Rosen



Our demonstrator for the month of September, 2021, was past CWT president, Al Miotke. Al has a unique background, having grown up in Wisconsin, where his father owned Empire Millwork. So from the time he was a youngster, Al had access to and familiarity with all the power tools necessary to run a cabinet maker's shop. That was 50 years ago. Al learned enough to permit him to make all the furniture in his home, including a lovely dining room table, chairs included. You can see some of his handiwork by searching his name on Facebook. But 15 years ago, Al's interest switched to woodturning, and more specifically, segmented woodturning. Much of his turning work combines segmented pieces with inlays, along with texturing and a highly creative imagination. You may have seen his recent virtual demonstration on segmented turning at the AAW meeting held this past July.

This evening, Al showed us how he makes a lidded box by starting out with a 4-foot-long piece of dry and straight 3/4-inch maple. Before the cutting starts, Al needs to answer two questions: How tall will the box be, and what should be the diameter of the box? Answering the second question requires a little math, to define the desired width of each stave:

$$\text{Width} = 3.14159 \times (\text{desired diameter} / \text{Number of Staves})$$

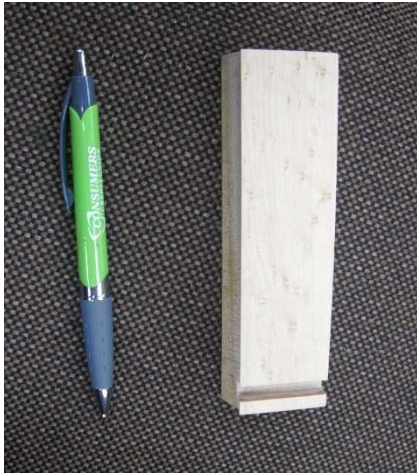
Al uses his router table with a special router bit that he uses to cut a 22.5-degree angle on *one* side of a given stave. (The router bit is available at Lee Valley Sommerfield Tools.) Using that router bit also dictates the number of staves box: 16. So if we assume that Al wanted an 8-inch diameter box, we plug that into the formula, and the result is a stave width of 1.57-inches. (I found an source that permits you to do essentially the same calculation, but it also produces a drawing, with labeled dimensions, that you can print out with your computer.) Here is the link:

<https://www.blocklayer.com/woodturning-segments.aspx>



degree
or
in his
number
online

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Al carefully takes the 4-foot length of 3/4-inch maple to his table saw and rips it to a width of about 1.57-inches. Then he takes the piece to his router table and cuts a 22.5-degree angle on one side of the maple. Alternately, one can set a table saw blade to 22.5-degrees (use the Wixey magnetic angle measuring device), so you can run each stave lightly against the rip fence, making the angled side of the piece dead flat. (Frank Pagura mentioned that a perfectly flat glue joint is half the battle.) For height, Al wanted each stave to be 5.5-inches long, which is easily done on his chop saw.

Wood moves with humidity, so the 1/4-inch plywood bottom of this box is not glued into place. It “floats” in a 1/4-inch deep dado that Al cuts near the base of each stave, using his table saw.

As a design element, Al likes to include a small strip of 3/8-wide by 3/4-inch thick walnut after each pair of staves. This accent strip is not beveled. So the glue-up sequence will be stave-stave-walnut, stave-stave-walnut, etc. Speaking of glue, Al likes to use polyvinyl acetate (PVA) glue provided as Titebond I (the “original” formula in the plastic bottle with the *red* label). Titebond formulations also come in a blue-cap and a green-cap plastic bottle. These are both moisture-resistant, so you can use them outdoors in pieces that might be exposed to rain. In Al’s experience, the “open time” for Titebond I glue is about 4-minutes. Clamping time for *light turning* is about 45 minutes, but for maximum strength/safety, 24-hours is recommended. The adhesive bond produced by the glue joint is actually stronger than the wood itself. Al tested this bond by hitting two glued-up staves sharply with a hammer. The result: the wood fractured, but *not at the glue joint!* Al also taught us a trick: Instead of using a brush to apply glue, use your index finger. It’s faster than using a brush, and particularly useful when multiple glue joints must be assembled in the context of a 4-minute open time. Recognize that PVA glue works by absorption into the wood itself. And even though the glue has a 4-minute open time, in Al’s experience, it can be difficult to separate two staves after they are glued together for 30-seconds. So keep each pair of glued-up staves separated until all the pieces have glue applied, when the assembly is ready to be put in clamps. A soft-blow hammer is handy, just in case you need to “persuade” two adjacent staves into the proper position (if you’re still within the 4-minute time window)..



Staves are initially glued-up in pairs, with glue applied to only one of the two mating surfaces with the index finger. Al holds the mating surfaces together using rubber bands to produce compression at the joint. This technique assures that 99% of any squeeze-out of glue will occur towards the outside of the joint. Any squeeze-out will be removed when the cylinder is turned.

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Another trick: Al does a dry-fit assembly of 8 paired staves before doing the final glue-up. Why? Because this provides an opportunity to make sure there is a tight fit between all the staves, and to test fit the bottom of the box into the dados cut in each stave. If the base is too wide, you can reduce its diameter to fit. If it's too small in diameter, you will have to cut a new base to fit. Al uses a band saw to cut the bottom.



The top of the box will be most visible, so for this piece, Al does a laminated glue-up with two or three 3/4- x 1/2-inch accent pieces of darker wood (like walnut or any South-American hardwood) interspersed with the lighter species of hardwood, such as maple or white oak. With the glued-up lamination completely dry, mark the center of the square glue-up, and cut the blank to a circle on a band saw, slightly larger than the planned final diameter. Final turning can be accomplished by placing the blank on the lathe as a faceplate turning. Al turns a 3/8-inch diameter tenon on the turned knob that will be glued into the very center of the lid.

To complete the cylinder, mount the base in the dado at the bottom, and glue all the paired staves together using a pair of band clamps aka hose clamps. Note that hose clamps typically come in a maximum diameter of 7-inches, so it will be necessary to use a smaller and a larger hose clamp connected together in order to accommodate an 8-inch diameter cylinder. Let dry for 24 hours. Then cut a pair of sacrificial disks, with the centers marked. Turn a tenon on one of the disks, so it can be held in your scroll chuck. Pressure mount the cylinder precisely between the two disks, and turn the 16 staves to a perfect cylinder with a spindle roughing gouge. Al likes to decorate the outside of the cylinder with beads using his spindle gouge. But be careful when you turn near the base, so you don't inadvertently cut too deep, or you could destroy the dados that hold the base in place.

Al says it takes him between 3 and 4 hours to complete one staved box. I've used the same technique to make 8-sided cylinders using rough sawn cedar to surround clay pots for growing potted flowers. The

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cedar insulates the clay pots from direct sunlight, which keeps them cooler and reduces water loss over time.

Gallery



The Gallery is available on the Chicago Woodturners website, <https://www.chicagowoodturners.com> where galleries from past meetings are also available.

Now that we are again meeting in person, bring your gallery submission to the meeting. Let's hope we can keep doing it this way for a while.

This month's featured selection is Marty Knapp's three-sided bowl. This represents a new direction for Marty and we look forward to seeing this progress. Maybe he will consent to a demonstration showing how he turns the prism!

Turn-On! Chicago

Turn On Chicago! 2022, has a confirmed date of July 29-31, 2022, at the Crowne Plaza Northbrook hotel and convention center. Mark your calendar. With this much advance notice, everyone should be able to make it, and it is destined to be our best event ever. We have a new and improved location, a great team of organizers, a talented and entertaining group of demonstrators, and a yearning for a post-COVID party.

Our demonstrators are

- Andy Cole- Bowl turning, nested sets, interesting ham and eggs project
- Cynthia Leigh Carden – Pyrography and Coloring
- Eric Lofstrom Skew -3 axis raindrop, bowl with painting
- Avelino Samuel – hollow forms with spiral carving, making collars and finials
- Jacques Vesery – topics to be announced
- Beth Ireland- topics to be announced

Turn-On Chicago is now less than a year away. There is a lot of work to do to get ready for this major regional event that will draw over 200 people including demonstrators and vendors, and we need the help of many members to make it a success.

On September 16, we held a planning meeting via Zoom. Attending were Andy Kuby, Al Miotke, Brenda Miotke, Scott Barrett, Kurt Wolff-Klammer, Rich Nye, Marie Anderson, Roger Basrak, Julie Basrak, Bob Leonard, Mark Jundanian, Frank Pagura, Frank Magnifico.

Below are key takeaways from the meeting:

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- 1) The Hotel is in transition due to a sale. The new owner is Mid-Continental Hospitality from Texas. We are waiting for a hotel name to be announced and the hiring of a new conference center manager.
- 2) After the transition is complete, a day will be selected for any committee members to visit the facility. Al will organize.
- 3) Al confirmed that demonstrators are all confirmed including rotation topics and descriptions.
- 4) Jacques Vesery was selected as the second person for the Gallery review to replace Michael Hosulak who had to cancel his attendance.
- 5) Al requested that everyone review the budget for accuracy especially in your area of responsibility. Costs are increasing in many areas and current estimates could be lower than planned. This is critical because it will help us determine the registration costs.
- 6) Scott indicated that the Website is up to date. If there is any new information to add, send it to Scott.
- 7) Audio/Video – Mike Canfield has ideas to update our equipment.
 - a. It was suggested that we hold a session to review equipment needs as soon as possible since equipment lead times could be much longer than normal.
 - b. It was commented that quality AV is becoming increasingly important since more demonstrators are conducting high quality remote demos that people are getting used to.
 - c. It was suggested that we consider a Zoom meeting for initial AV training.
- 8) There was much discussion about how to best hold the auction.
 - a. Rob Wallace will again be our auctioneer
 - b. It was proposed that the silent auction closes before the live auction starts so these events don't compete with each other
 - c. Send Rich any suggestions on professional artists that should be contacted for donations.
 - d. Should we include an on-line option and advertise to groups like Collectors of Wood Art
 - i. There are many technical issues that would need to be worked out.
 - ii. Rich will contact groups that have done this to discuss how it is done
 - iii. Al will contact Rob Wallace who has experience with AAW auctions
 - iv. Scott suggested possibly limiting the on-line auction to a small number of pieces
 - v. Marie suggested using Instagram for people to make bids.
- 9) Marie will work with the AAW to send out multiple regional notices
- 10) Marie will advertise thru Instagram; Al will handle advertising content on our Facebook page
- 11) A few at the meeting suggested that we should plan for lower-than-normal attendance due to COVID and members getting used to on-line demonstration options.
- 12) Marie requested black tablecloths for the IG if possible
- 13) Everyone agreed that the Booklet will no longer be printed, it will be a printable PDF on the Website. Only the Rotation schedule will be printed and placed in the envelope.
- 14) Brenda, Rosemary, and Marci will coordinate a BOC bag-making session on Friday and Saturday.
- 15) Need somebody to photograph the IG. Still unresolved.
- 16) It was suggested that we ask everyone to upload photos taken during the symposium.
- 17) Brenda will contact David Warren about getting involved with Pens for Troops. Andy suggested contacting a new guest (Moy??) who is an avid pen turner.
- 18) Marie will work with Brenda to determine an agenda for a Friday Evening WIT meeting.
- 19) It was suggested that a survey should be sent out to find out who is interested in volunteering.
- 20) Al indicated that Kelly Breshnahan is willing to do a presentation on his work to train people in Kenya.

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Al Miotke has reached out to all TOC 2021 volunteers and there is still room for additional volunteers. See if you fit in anywhere below.

Position	Roles	2022 chair
Chairperson	<ul style="list-style-type: none"> *Establish schedules *Establish and monitor budgets *Monitor deliverables of the other chairpersons *Address challenges that could impact the goals of the symposium *Act as primary liaison with the Hotel/conference center. 	Al Miotke
Demonstrators	<ul style="list-style-type: none"> *Develop a demonstrator list that provides a good mix of rotation topics *Contact potential demonstrators and confirm attendance *Develop contracts and get prompt signatures *Obtain needed documentation from each demonstrator including topic titles and descriptions, headshot, representative photos of work, handouts *Act as liaison on all demonstrator issues until the symposium is over *Determine equipment and wood needs of each demonstrator *Organize transportation to and from the conference center 	Al Miotke
Facilities	<ul style="list-style-type: none"> *Create a list of all items needed to be transported to the 5 classrooms and the war room including Lathes, tools, supplies, AV equipment *Find a truck to move all equipment to and from the conference center *Organize a plan to move all materials and setup each classroom and the war room. 	Kurt Wolf-Klammer Peter Paul Frank Magnifico
Registration	<ul style="list-style-type: none"> *Manage all on-line and in-person registrations *Maintain a file of all registered attendees and what they signed-up for *Handle request for information from prospective attendees *print badges, and tee shirt vouchers 	Scott Barrett
Finance	<ul style="list-style-type: none"> *Manage all financial transactions *Maintain reports of the TOC actuals against the budget *Provide expense checks as required 	Scott Barrett
Webmaster	<ul style="list-style-type: none"> *Create and manage all aspects of the TOC website working with the other committee chairs on content. *Set up Credit card support for the Auction *Support Auction database for printing invoices 	Scott Barrett

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Marketing Materials	<ul style="list-style-type: none"> *Format and develop the booklet provided to all attendees *Print the booklet and deliver to the person in charge of the registration packets *Design, print, and distribute advertising posters *Design, print, and distribute advertising cards 	Marie Anderson
Marketing Communications	<ul style="list-style-type: none"> *Get an announcement in the AAW Journal and other free publications *Work with the AAW to send 3-4 announcements to regional members *Send emails to past TOC attendees and CWT members *Put up weekly announcements on Facebook *Publish Photos on Instagram 	Al Miotke Marie Anderson Al Miotke Al Miotke Marie Anderson
Trade Show	<ul style="list-style-type: none"> *Create a layout for the space we have *Act as the primary liaison with all vendors *Develop a vendor contract with terms *Create a list of vendors we would like to have at the event that provides a good balance of products *obtain other volunteers to help with the tradeshow as needed *Contact vendors and obtain commitments 	Don McCloskey & David Bertaud
Instant Gallery	<ul style="list-style-type: none"> *Obtain needed volunteers to cover the event in the IG. *Setup instant Gallery on Thursday of the event *Manage coverage of the IG for the duration of the event *Manage and promote the People's choice award 	Marie Anderson
Auction/Raffle	<ul style="list-style-type: none"> *Request donations from local and international artists * Create and maintain a list of the donations * High quality Photograph each donation for the website and Auction PowerPoint. *Box each donation with a photo and name of the artist taped on the box. *Work with auctioneer to determine Auction order *Setup and manage the silent Auction *Setup and manage the Raffle *Send thank You notices to all donors 	Rich Nye Brenda Miotke

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Audio/Video	<ul style="list-style-type: none"> *Confirm that all equipment for each room is in good working order at least 90 days before the event. *Purchase any additional equipment that is needed (board approval may be needed) *Manage the installation and teardown of all the equipment at the symposium *Support AV during the symposium 	Jerry Kuffel Mark Jundanian
Photography	<ul style="list-style-type: none"> *Take photographs of all IG items *Take photographs of overall symposium *Create DVD of the event (optional) 	TBD
Tee Shirts	<ul style="list-style-type: none"> *Select tee shirt supplier *Obtain the tee shirt count and size from the registration chair *Order required shirts *Manage distribution of shirts at the symposium 	Julie/Roger Basrak
Meals and Banquet	<ul style="list-style-type: none"> *General meal management with the hotel *Corotating the banquet meals with the catering staff *Coordinate the setup of the banquet room for meals and Auction 	Brenda Miotke Rosemary Pagura
Signage	<ul style="list-style-type: none"> *Create signage for each classroom and a master rotation schedule *Get signs printed *Place signs at the symposium 	Bob Leonard

CWT News

The Chicago Woodturners is an all-volunteer organization. In order to keep everything moving, we need volunteers at all levels. Opportunities are open for you to get involved: the newsletter needs an editor, the Holiday Party and Picnic need a coordinator, Odyssey, Artsapozza and our student outreach programs need a champion, Turn-On! Chicago needs committee members. Get involved - many hands make light work.

Meet the Woodturner, Frank Pagura

Each month, the Newsletter will include a short interview to introduce one of our members. Please reach out to whoever Brenda interviews to let them know you're glad they're in the club and follow up with any questions you might have about something Brenda missed. This month Brenda interviewed Frank Pagura.

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Frank joined the Chicago Woodturners in February 2008. Frank always admired wood, which is rather strange since he was born in the Sahara desert in Libya and did not see a “proper tree” until he moved to live in Italy as a young adult.

Frank has been turning wood, on and off, for about 20 years, but he started getting serious when he joined CTW and has turned more in the last four years since retirement than the previous sixteen years combined. He attributes this to the teachings he got as a young machinist apprentice as he was trained on a metal lathe, which made it easier to comprehend how the whole lathe thing worked.

In his previous life, Frank owned a custom fabricating shop, which manufactured portable stages and all the trapping that goes with it. To help make some of the components Frank purchased a Craftsman 12” Wood Lathe, and that experience proved so rewarding that it set the path to today’s turning involvement.

Frank enjoys making bowls, vessels, and abstract figures. After taking some recent classes in segmenting, he has found an additional way to turn which fits his comfort with precision and calculating work. Continuing to expand, he has, as of late, embraced carving and texturing which add a new dimension to his turning.

Frank has always participated in the Turn-On! Chicago Symposium and enjoys attending as many AAW Symposiums as possible. He values the entire scope of demonstrators, programs and the socialization. Although Frank finds inspiration from all his fellow members and professional turners, he has particularly been impressed by Sally Burnett who he saw at Portland AAW Symposium. He also remembers visiting with Mike Blankenship, attending one of his demos, and being awed by his ability to master the lathe despite his disability.



Like most turners, Frank’s shop has morphed to what it is today, with a Powermatic 3520B, a Delta 12” back up lathe and Grizzly Mini, which he has put on a fold-up frame with wheels, which he uses on outreach club events. His shop is in his basement, which he says has advantages and limitations such as being able to turn at any time, with the commute to work being only 13 steps, but having to lug blanks and pieces up and down the same steps can be difficult at times. Case in point: his recent upgrade to make segmenting cutting safer, the purchase of a Saw Stop table saw weighing 140 lbs. which had to go down the stairs. Frank is almost done with the upgrade of his dust collection ducts connecting each piece of equipment.

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His extracurricular activities almost always involve the outdoors. He likes hiking, sailing and snow skiing, and still has a standing yearly skiing trip in Colorado which results in funds for charity.

From the Safety Officer, Frank Pagura

The September Safety discussion was all about lathe safety fundamentals using the example of the Beads of Courage box that exploded during the Beads of Courage turning day at the Chicago School of Woodworking.

Chicago Woodturners Mentoring Program

For many years, the Chicago Woodturners have promoted mentoring to assist our members in learning both the basic and specialized skills needed in woodturning. Our current mentor list is posted on the website. Although this is a CWT-sponsored activity, these sessions will be organized between the student and mentor. If you would like to have your name added as a mentor, contact Al Miotke at abmiotke@comcast.net. Mentoring and classes are also available through the Chicago School of Woodworking; see their website. We have new mentors, so check the list.

Mentoring is covered by the club's insurance policy but there are some requirements:

1. Both you and the person being mentored must be members of the Chicago Woodturners
2. You must notify the club by email before that you will be doing the mentoring
3. A release form should be completed, samples are on the website.

Beads of Courage



On Wednesday, September 29, 2021, Clint Stevens and Andy Kuby delivered 33 Beads of Courage boxes (each made by a Chicago Woodturners member) to the Lurie Children's Hospital in Chicago. Cindy Maysonnet of Lurie Children's Hospital accepted the donation and presented the Chicago Woodturners with our very own starter set of beads.



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Empty Bowls

The Empty Bowls sale in Batavia netted almost \$1,500 for the Northern Illinois Food Bank, the Batavia Food Pantry and Fox Valley Food for Health organizations. The Chicago Woodturners voted unanimously to increase the amount to an even \$1,500.

Pens for Troops



To arrange for delivery or pick-up of your donated pens, please contact Andy Kuby at studio@riverwoodsturner.com or 847-922-8201. Please note that Chicago Woodturners has changed our policy on providing pen kits and these will now have to be provided by each individual pen turner. In the future we may get grants to provide kits.

Education Committee

Please contact Rich Hall-Reppen if you have items you would like the committee to consider, or if you want to join the Education Committee or be put on the email list to receive notifications of future meetings. This is a very important committee – volunteer! The next meeting has not been scheduled.

STEM Program for Scouts

Rich Hall-Reppen has advised the club that the Chicago Woodturners will not be participating in this year's STEM program.

Holiday Party

Hard to believe that the holidays will soon be upon us. Chicago Woodturners is excited that we will be able to have a Holiday Party live again! The date will be on Tuesday, December 14th at the Golf Center in Des Plaines. The cost has remained the same - \$20 per person. You can give that to Brenda at the October or November meetings, or you can mail it to:

Brenda Miotke
920 Sumac Lane
Mt. Prospect, IL 60056



We will have some surprises, but the main event remains the same – if you bring a wrapped gift (\$25.00) you will go home with a gift. If you have any questions, please let Brenda know.

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Professional Demos for 2021

The first Virtual Professional Demonstration for 2021 was Nick Agar on March 13. No new Professional Demonstrations have been scheduled. Contact Rich Nye, or any Board member, with suggestions.

Calendar for 2021

- September 14, 2021 – CWT Meeting, CLA
- October 12, 2021 – CWT Meeting, CLA
- November 9, 2021 – CWT Meeting, CLA
- December 14, 2021 – CWT Holiday Party

For Sale, Trade, or Wanted

Pen Turning Opportunity

The Max McGraw Wildlife Foundation in Dundee, IL, is looking for someone who would be able to make wooden ballpoint pens for our facility using salvaged wood from our property. The wood is dried and ready to be used. The pens would need to have our logo engraved on them also. A document with the logo specifications is available.

While we can buy premade wooden pens, we wanted to use material from our property to make them more personal to our members. We would be looking at ordering at least 1,000 pens if it is economically feasible for us.

Your group was recommended to me by someone at DuPage Woodworkers and thought one of your members might be interested in this project. Feel free to pass this on to anyone that this pertains to or let me know who you would recommend me contacting. Thank you for any information you can provide.

Colleen Goldberg
Max McGraw Wildlife Foundation
PO Box 9
Dundee, IL 60118
847-741-8000

Bandsaw Wanted

Roberto is looking for a large format bandsaw.

Mahoney's Walnut Oil

Through the magic of bulk purchasing, Walnut Oil, Mike Mahoney's Utility Finish, is once again available to club members in 16-ounce bottles for \$12 each. Please email Andy Kuby at studio@riverwoodsturner.com or call 847-922-8201 to arrange for a pick-up.

Wood Auction

My name is Ron Hilliard and I am a woodworker from Des Moines who also volunteers at the Greater Des Moines Botanical Garden. I enjoy making items to sell in the Garden Shop and helping with other wood-

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based projects at the Garden. Recently, an avid woodworker from Nebraska donated his collection of Southwest woods to the Garden. His family's hope is that the sale of the wood can provide important support to the Garden's many programs. The woods are unique and quite different from species that we are familiar with in the Midwest. Juniper, Manzanita and Lodgepole Pine have grain patterns and colors that can stimulate new kinds of creativity in the craftsman.

I am arranging an on-line auction for the wood, which will run from October 1st through the 12th. On Saturday, October 2nd, the "wood room" will be open for viewing from 10:00 to 5:00 at the Botanical Garden. The Garden is located at [909 Robert D. Ray Drive](#) in Des Moines and signs will guide interested individuals to the display. The link for the auction is: www.wagner-dentauctions.hibid.com. Pick-up dates for purchased wood will be Sunday, October 17th and Monday, October 18th, 10 a.m. – 5 p.m.

Tool Sale

Herb Hedeon, a former Chicago Woodturners member, is selling everything in his shop. A list of the items available has been sent to all club members and is posted on the website. Please contact Herb directly if you are interested in any of the items. Herbert Hedeon herbyhh@sbcglobal.net or telephone 773-718-8788

Kiln



\$100. Paragon Kiln, on wheels. 18-inch diameter interior. Thermostatically controlled. Contact Andy Kuby 847-922-8201 or studio@riverwoodsturner.com

Jointer



8-inch Powermatic jointer. 1979 cast iron. 220 volt. Free to good home. Pick up only, no delivery. Contact Andy Kuby at 847-922-8201 or studio@riverwoodsturner.com

As the Wood Turns

Chicago Woodturners Board of Directors and Committee Chairs 2021

President	Andy Kuby	847-922-8201	studio@riverwoodsturner.com
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Special Events Manager	Marie Anderson	630-222-0277	Danmar12@yahoo.com
Outreach Coordinator	Roger Basrak	847-471-2046	rbasrak@hotmail.com



Membership in the Chicago Woodturners Association is open to all wishing to increase their turning skills through education, discussion, and critique. Dues are \$30 for a single membership and \$40 for a family. Visit our website for an application.

Meetings are held on the 2nd Tuesday of each month, 7:00-10:00 PM at Christian Liberty Academy, 502 W. Euclid Ave., Arlington Heights, IL. 60004. Please join us. All are welcome. Chicago Woodturners is a chapter of the American Association of Woodturners. Visit the [website](https://www.chicagowoodturners.com) for more information.

<https://www.chicagowoodturners.com>

<https://www.woodturner.org>

List of items Available in Herb's Woodworking Shop

1. Laguna Tools LGT18 band saw with Driftmaster fence and extra blades, including Resaw King blade, and mobility base. 3,500.00
2. Oneida cyclone 3 hp dust collector with 35 gallon bin and extra plastic lining bags and magnetic control. 2,500.00
3. Dewalt Planer with Byrd Shelix cutting head, mobility base, entry and exit shelves, and Wixey digital height gauge 1,050.00
4. Powermatic model 1150A variable speed drill press, with Rockler drill press table and two holding vises 1,150.00
5. Jet lathe, model JWL-1640EVS. 16" X 42" variable speed, digital read out, 1-1/2 hp, with banjo, moveable tailpiece, knock out rod, two wrenches, steb center drive, four edged drive, two tailpiece spinners, conical spinner, Jacobs chuck with Jacobs key, two center finders, Alan Lacer diamond on steel hone with leather pouch, attached light, metal parts tray, Supernova2 4" chuck with six sets of jaws in various holding configurations, extra screws and wrenches for chuck, Cole Jaw holder that mounts on Supernova chuck, and four screw-on work holders, 3", 3-1/2", 4", and 6". 1,400.00
6. VicMark work holding chuck, Australian made, 5", model VM120, with seven various jaws, wrench, large bowl blank screw, and extra mounting screws. 500.00

7.	JDS ceiling mount room air cleaner, model 750-ER with wireless remote control, and holder box	150.00
7.	Campbell Hausfeld air compressor, Model # VT627103AJ (AGM04), 26 gallon, 3 hp, 220 volt, with hoses, air filters and attachments	600.00
8.	Jet dust collector with 4" hoses and aftermarket collection bag, Model DC 1100, 1-1/2 hp, 110 volt	300.00
9.	Powermatic dust collector, with 4" hoses and with Oneida cyclone aftermarket separator, Powermatic Model # 073, 2 hp, 110 volt, Oneida Super Dust Deputy with collection bin	500.00
10.	Hitachi Model C8FB2 Sliding Compound Miter Saw with 8-1/4" carbide tipped saw blade, with Rousseau 2950 Miter Saw Stand, with pneumatic tires and extension roller supports, plus sharpened extra saw blade.	700.00
11.	Custom built lathe tools holder, made from Betty Scarpino design—red oak.	300.00
12.	Performax 22-44 drum sander with optional shelves and closed stand, plus misc. sanding rolls in various grits.	1,500.00
13.	Ulmia German red beech wood working work bench with two vises, tool holding reservoir, and drawer with aftermarket lock. With two steel rectangular bench stops, and two custom made exotic hardwood rectangular bench stops, 25" x 84". Tool tray 5-3/4" wide. Top 4" thick. Main vise 20-3/4" wide. Tail vise 23" wide, 6" deep. Drawer 18-3/4" wide, 21" deep, 4" sides.	2,000.00

14.	Delta "The Sanding Machine" belt and disk sander, Model 52-625, 1-1/2 hp, 220 volt, with dust collection bag and after-market magnetic switch, plus extra belts and disks in various grits, with miter gauge	1,100.00
15.	Router table, laminate covered with tee tracks, steel base, and mounted on-off switch. (\$250.00)	
	Mounted Porter-Cable model 7518 3-1/4 hp 5 speed router motor. (\$125.00)	
	Incra LS Positioner Super System 36" long, 30" wide. For very precise adjustment of fence. (\$375.00)	
	Woodpecker/Incra PRL V2 420 Precision router lift with magnetic metal snap in ring set in 8 sizes to accommodate various sized router bits. (\$350.00)	
	Crank and enclosed cable to remotely raise and lower the router motor in the router lift. (\$200.00)	
	Custom made enclosure undermounted for dust collection, with dust collection fittings. (\$250.00)	
	Wixey depth gauge (\$50.00)	1,600.00
16.	Apollo HPLV spray system. Air power 4 stage air generator, with sprayer, missing hose	800.00
17.	Plywood custom made work bench, 24" x 73", 30" high.	300.00
18.	Three legged jaw horse	150.00
19.	Four metal saw horses	50.00

20. Storage drawer assemblies–Sears:

- | | | |
|----|---|--------|
| a. | Sears workbench with 4 drawers and shelf, MDF top, 54" x 19.5", workbench 43" x 18" x 33" high, with Sears vise. | 350.00 |
| b. | Sears workbench with galvanized steel top, 5 drawers, 2 shelves, and back with pegboard and LED light, and vise. Top 26" x 54", base 18" x 51-1/2", back 24" high | 600.00 |
| c. | Sears stainless steel storage assembly with 14 drawers, "Ball bearing GripLatch," on large castor wheels, MDF top and handle, 18" x 51-1/2" | 700.00 |
| d. | Sears desk/workbench with 6 drawers and 1 shelf, vinyl floor tiles on top. Top 30-1/2" X 72", base 18" x 65" | 400.00 |
| e. | Gladiator storage unit with maple top, 5 ball bearing drawers, locking, with large castor wheels, 24" x 26-1/2" | 400.00 |
| f. | Sears stainless steel 8 drawer storage unit with large castor wheels and two stainless steel handles, drawers are ball bearing Griplatch, 18" x 27", 39-1/2 high from floor. | 500.00 |
| g. | Sears stainless steel 3 drawer storage unit with stainless steel top and corner pieces to accommodate a user made top. 18" x 27" x 13-3/4" high. GripLatch ball bearing drawers | 350.00 |
| h. | Sears stainless steel 6 drawer storage unit with stainless steel top and corner pieces to accommodate a user made top. Large castor wheels, and two stainless steel handles, | |

	drawers are ball bearing Griplatch.	450.00
21.	Powermatic Model 701 bench top mortiser, to drill/cut square holes, with inline depth stop, micro adjustable fence with quick cam locks, guide rollers and tool tray	400.00
22.	Lee Valley premium hollow mortise chisels & bits from Japan, 1/4", 5/16", 3/8" and 1/2" with 2 cone sharpeners	170.00
23.	General International oscillating spindle sander with 1-1/2" spindle and various sandpaper sleeves. This sander is missing three spindles and wrenches	200.00

Hand Planes

24.	Lie Nielsen #5 jack plane. Steel (or iron) body. Bronze frog and holding clamp. Lie Nielsen blade and hold fast. Cherry tote and handle.	445.00
25.	Vintage Stanley Bailey #5 jack plane. Steel (or iron) body. With Ron Hock brand replacement blade and holdfast.	150.00
26.	Lie Nielsen #4 smoothing plane. Bronze body, frog and holding clamp. Lie Nielsen blade and hold fast. Cherry tote and handle.	435.00
27.	Lie Nielsen #164 low angle smoothing plane. Steel (Or iron) body. Lie Nielsen blade. Bronze holding Clamp. Cherry tote and handle.	355.00
28.	Lie Nielsen #97 large chisel plane. 9" long, 2-1/4" wide. Bronze body and holding clamp. Lie Nielsen blade. Cherry handle. Stainless steel adjuster. [For some reason, this plane has become collectable]	775.00
29.	Lie Nielsen #85 scraper plane. Steel (or iron) body.	

	Bronze blade holder. Lie Nielsen blade. Cherry tote and handle. Blade goes edge to edge.	360.00
30.	Lee Valley Veritas large shoulder plane. With PM-V11 (extra hard steel) blade. Cherry handles and brass adjusters. Rear handle moves side to side.	200.00
31.	Lie Nielsen #40B mortise plane. 9-3/4" x 1-1/2" Steel (or iron) body. Lie Nielsen blade, plus extra blade. Brass holding lamp, cherry knobs.	150.00
32.	Red oak home made smoothing plane. David Finke thick blade. 8" x 2-1/2"	100.00
33.	Norris British wood infill smoothing plane. Steel (or iron) body, brass holding clamp.	400.00
34.	Clifton #3110 British combo shoulder plane—chisel plane. Clifton blade. With box. 1-1/8" wide.	210.00
35.	Generic skew shoulder plane. Wood body, steel blade.	100.00
36.	Lie Nielsen #102 small block plane. 5-1/4" x 1-1/2" Bronze body and holding/adjustment clamp. Steel Lie Nielsen blade.	150.00
37.	Lie Nielsen #60-1/2 low angle block plane. Steel (or iron) body. Brass or bronze holding and adjusting clamp. Adjustable mouth with bronze knob. Lie Nielsen steel blade.	175.00
38.	Lie Nielsen #1 low angle block rabbet plane. Steel (or iron) body. Bronze holding clamp and knob. Stainless steel adjusting knob. Lie Nielsen blade. Two adjustable scoring blades.	230.00
39.	Vintage Stanley C780 block plane. Adjustable mouth. Steel (or iron) body and holding clamp. Stanley steel blade.	

	Brass or bronze throat adjusting knob. (This was an inexpensive plane when new)	50.00
40.	ECE Primus wooden smoothing plane, made in Germany. Cherry body with lignum vitae sole. Steel blade. 9" x 2-1/2". Titled "Primus Improved Smooth Plane."	150.00
41.	ECE Primus wooden dovetail plane, made in Germany. 10 degree dovetail angle. Cherry body, maple sole. Adjustable fence. Steel knife spur. Steel blade. 9-1/2" x 2-1/2". With cardboard box and instructions.	50.00
42.	Small ebony corner rounding plane. 4-3/4"x 7/8". Steel blade, brass holding clamp.	25.00
42, 43	Two very small ebony planes.	
	Rabbit plane 3" x 1/2"	30.00
	Regular plane 3" x 7/8"	30.00
43.	Bridge City Tools HP-9V2, Dual Angle Block Plane, with box and instructions. Includes 2 depth skids and fence assembly, cloth pouch.	450.00
44.	Bridge City Tools HP-8 Mini Block Plane. With box, instructions, and extra blade, sharpened to 30 degrees. Initial blade sharpened to 25 degrees.	130.00
45.	Stanley vintage 12-1/2 veneer scraper plane. Wood base, original steel blade, sharpened.	100.00
46.	British Stanley #92 small shoulder plane. 5-1/2" x 3/4"	85.00

Routers [Does not include the Porter Cable router motor mounted in the router table]

47. Porter Cable 7518 3-1/4 hp fixed base router 5 speed,

	with aftermarket clear acrylic base, 12" x 24" x ½" thick, with 2 handles, with 2 wrenches. Also has original black circular base.	500.00
48.	Festool OF 1400 EQ plunge router with Systainer, removable cord and plug, 22 mm wrench, plastic insert for dust removal, fence and manual. German made.	575.00
49.	Festool OF 1010 EQ plunge router with Systainer, removable cord and plug, 19 mm wrench, plastic insert for dust removal, fence and manual. German made.	250.00
50.	Dewalt plunge router DW 621, with dust collection and wrench. Fence.	150.00
51.	(2) Dewalt DW 615 plunge router with fence 1-1/4 hp, electronic speed control	125.00
52.	Milwaukee 5616-29 fixed router with easy height adjust, strap, wrench, and aftermarket plexiglass base and handle.	125.00
53.	Bosch Colt Palm 1 hp fixed base router, 01020 1327 Paired with the following.	140.00
54.	Micro Fence control system, many pieces, for extreme accuracy, includes micro lamps	300.00
55.	Dewalt battery powered router with fixed base and plunge base, DCW600, with battery and charger	190.00
56.	Proxxon German made small fixed base router with 1/8" bit set and extra bits, D-54518, plastic carrying case with handle	50.00

ROUTER BITS

57.	107 router bits in mixed 1/4" and 1/2" shafts @ \$15.00	1,605.00
58.	4 custom made hardwood router bit holders	100.00
59.	Freud 5/8" round over bit, 1/2" shank	35.00
60.	Woodline 3-1/2" door trim bit, 1/2" shank	40.00
61.	CMT 3 bit window molding set, 1/2" shank	125.00
62.	Lonnie Byrd tambour door routing bit set—new 1/2" shank Amana Tool #54314	150.00
63.	Amana Tool tongue & groove set 1/8" kerf #55408	100.00
64.	Freud 5 piece roundover bit set 1/8" through 3/4"	100.00
65.	Freud dovetail bit set, 6 dovetail bits, 2 straight bits	90.00
66.	CMT 5 piece chamfer bit set 1/2" shank, #836.501	120.00
67.	Freud 3 piece Quadra Cut ogee bit set	150.00
68.	Amana 8 piece core box bit set AMS-420, 1/4" shaft	150.00
69.	Rabbeting bit set, different rabbets plus flush trim, WoodCraft #143223	50.00
70.	11 piece jewelry box small trim set 1/4" shaft	30.00
71.	Freud Lock Miter bit set—2 pieces 99-043 1/2" shaft	50.00
72.	New Freud 50-101 top bearing flush trim bits, 1/4" shaft (3)	60.00

73.	New Freud 04-132 double flute straight bits, 1/4" shaft (2)	30.00
74.	New Freud 04-133 double edge straight bits, 1/4" shaft, 1-1/8" cutting edge (3)	60.00
75.	Jointech 11 piece dovetail bit set, 7 dovetail, 4 straight, 1/2" shaft	100.00
76.	Summerfeld tongue & groove cabinetmaking set, 1/2" shaft, with wooden box container	75.00
77.	Summerfeld Junior raised panel set, 3 pieces, #800.518, 1/2" shaft, with wooden box container	100.00
78.	Whiteside slotting cutters (2), with 4 different cutter heads, one 1/4" shaft, one 1/2" shaft	40.00
79.	Infinity 6 piece down cut solid carbide spiral bit set, 1/2" shaft, wooden box	200.00
80.	Infinity 7 piece straight cut bit set, 1/2" shaft, with wooden box	50.00
81.	Porter Cable templet guide set #4200, 6 templets and 1 locking nut	25.00

LATHE CHISELS

82.	David Ellsworth Signature bowl gouge. High speed steel. British made. "Pro PM Powder Metal." Black ash handle. Handle 16", blade 10". 21/32" wide	135.00
83.	David Ellsworth sharpening jig for Signature Bowl Gouge	35.00
84.	Alan Lacer large skew chisel. Osage orange handle.	105.00

85.	Alan Lacer small skew chisel. Coco bolo handle.	85.00
86.	Henry Taylor Tools, "Dovetailer," British made	35.00
87.	Henry Taylor Tools, Large bowl gouge, ash handle, British made, 11/16 groove	80.00
88.	Robert Sorby roughing gouge, British made, ash handle	80.00
89.	Robert Sorby parting tool, British made, ash handle	40.00
90.	Robert Sorby spindle gouge, British made, ash handle	40.00
91.	Robert Sorby small round end gouge, British made, ash handle	40.00
92.	Robert Sorby 1" square end scraper, British made, ash handle	40.00
93.	Robert Sorby 1-1/2" round end scraper, "outside of bowl," British made, ash handle	40.00
94.	Robert Sorby 1-1/2" round end scraper, "inside of bowl," British made, ash handle	40.00
95.	Robert Sorby bowl gouge 3/8", British made, ash handle	80.00
96.	Hunter 3/8" carbide round end piece bowl gouge. Round cutter is removable and adjustable. Osage orange handle. Whole tool is 17" long.	60.00
97.	Robert Sorby bowl hollower with small straight carbide cutter. Ash handle. British made. Gooseneck. 18" long.	60.00
98.	Robert Sorby bowl hollower with small straight carbide cutter. Ash handle. British made. Gooseneck. 15" long.	40.00
99.	Carter & Son parting tool. Aluminum handle. 7/32" cut	125.00

100.	Woodpecker ultra-shear parting tool. Red plastic handle. Small carbide cutter, 1/16th thick.	60.00
101.	Robert Sorby small parting tool. Ash handle. British made. 3/32" thick cut.	20.00
102.	Six piece Chinese-made lathe chisel set, high speed steel.	80.00
103.	Small bowl gouge. Trent Bosch aluminum handle.	50.00
104.	Henry Taylor 5 piece high speed steel mini turning set. "Diamic" New and unused in plastic pouch.	120.00
105.	Easy Wood Tools. Gouge with round carbide cutter. Ash handle.	100.00
106.	Easy Wood Tools. Gouge with square carbide cutter. Ash handle. Slight curvature to square cutter. Extra cutter that is absolutely square.	100.00
107.	Easy Wood Tools bowl hollower with goose neck. Carbide round cutter 7/16" diameter.	100.00

CLAMPS

108.	4 Bessey Gearklamp clamps 12". New and unused.	60.00
109.	17 vintage cast iron C clamps	204.00
110.	2 Jorgensen #176 large round C clamps, deep throat, 6" opening, 7" depth	120.00
111.	2 Aluminum IbeX CL-1 violin clamps, 4" opening, 6" deep	60.00
112.	2 Craftsman (Sears) CI 66684 deep throat steel, 4" opening, 5" deep	40.00

113.	4 Jorgensen Pony deep throat steel clamps, 2" opening, 6" deep	20.00
114.	1 Craftsman (Sears) 66682 deep throat steel, 2-1/2" opening, 4-1/2" deep	24.00
115.	5 Chinese mild steel deep throat clamps, various sizes	50.00
116.	4 Gross Stabil German F clamps, U-12, 12" x 4-1/2"	48.00
117.	2 Wetzler #4 F clamps, 8" x 4"	30.00
118.	17 Wetzler "Clampettes," collectible, various lengths	340.00
119.	10 Bessey Uniclamps, 24", well used	150.00
120.	10 Jorgensen Pony F clamps, various lengths	75.00
121.	3 large Quick Clamp soft clamps, trigger action	18.00
122.	2 Jet 18" parallel clamps	50.00
123.	4 Bessey 16" parallel clamps	100.00
124.	2 Bessey 28" parallel clamps	50.00
125.	2 Gross Stabil German 48" parallel clamps	150.00
126.	6 Bessey 48" parallel clamps	300.00
127.	4 Bessey 50" bar clamps, HD Ibeam 48, crank handle heavy duty high clamping force, with metal holder	150.00
128.	"Bucket of small clamps" :	
	a. 12 Dewalt 4-1/2" soft clamps–trigger action	97.00

b.	11 "Adjustable" brand steel C clamps 2-1/2" , #1425	44.00	
c.	4 "Adjustable" brand steel C clamps 2-1/2" , #1422	16.00	
d.	2 "Adjustable" brand steel C clamps 1" deep throat, #1413	8.00	
e.	7 "Adjustable" brand steel C clamps 1-1/2", #1415	21.00	
f.	4 miscellaneous small clamps	16.00	202.00
129.	Japanese all brass small bar clamps:		
a.	14 12"	120.00	
b.	11 7"	77.00	
c.	2 5"	20.00	
d.	2 4"	11.00	228.00
130.	8 Jorgensen and Craftsman vintage wood double- screw clamps, various sizes		90.00
131.	2 Bessey Kliklamps 4"		40.00
132.	Red oak custom built angular clamp holder, with castors plastic laminate covered base tray, and stainless steel handle. 26" x 42". 73" tall		200.00
133.	16 pipe clamps, various lengths, 1/2" and 3/4" sizes, some extra pipes, black pipe and galvanized		80.00
134.	2 Gross Stabil parallel clamps 54" German made		120.00

135. Garrett Wade Chinese made clamps:		
	4	54" 60.00
	4	26" 56.00
	4	22" 52.00
	4	14" 50.00
	4	11" 48.00
136. Bessey large clamp, T50, 19" deep, 28" long		125.00
137. Three Bessey large clamps, T30, 12" deep, 28" long		330.00
138. Custom made oak plaque board to hang 1 T50 and one T30		100.00
139. Bessey wind-up strap clamp		30.00
140. Two Veritas 4-Way Speed Frame Clamps		36.00

CHISELS

141. 6 piece Blue Spruce butt chisel set with figured maple handles. These are shorter chisels, 6" long overall		600.00
142. 5 piece Blue Spruce chisel set with coco bolo handles		600.00
138. 2 piece Blue Spruce skew chisel set with ebony handles		240.00
143. 9 piece Marples chisel set with blue plastic handles, heavily used junk chisels		70.00
144. 5 piece Robert Sorby octagon handle chisel set, maple handles, distressed used condition		40.00
145. 2 "hardware store" skew chisels with cherry handles, custom sharpened to skew point, custom turned cherry		

	handles	30.00
146.	8 "odds & ends" chisels, vintage	80.00
147.	8 piece vintage Stanley #750 chisel set with original leather topped maroon wood handles, good condition Collectible	800.00
148.	4 piece very small chisel set with ebony handles. Custom fabricated from Ron Hock steel	100.00
149.	16 piece Japanese chisel collection, from 1/4" through 1-7/8". Includes 3 top of the line dovetail chisels and 3 top of the line extra wide-chisels. Good condition	2,000.00
150.	6 custom made chisel set holders made from hard wood. Butt chisel set holder built from ebony. Wall mounted	800.00
151.	7 hardwood holders for clamps, custom made. Wall mounted	700.00
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152.	2 wood bow saws	200.00
153.	3 fret saws, one a Knew brand saw	120.00
154.	2 French made Paragon case saws, bought from Garrett Wade	50.00
155.	1 Lie Nielsen dovetail saw with exotic maple handle	150.00
156.	1 Bad Axe case saw with steel spine and maple handle, 12"x 4". New and unused.	300.00
157.	1 Bad Axe dovetail saw with brass spine, maple handle. 10" x 2-1/2". New and unused	250.00
158.	Large floor standing Stanley cooling fan with wheels,	

ST 24DCT	120.00
159. 1 Automach Japanese electric powered wood carver, HTC-30	130.00
160. Flex Cut brand RG100 power gouge set with 14 different cutting blades, and wood box, for use with Automach	120.00
161. 1 Powercraft Kit air powered small cutter/grinder, with oil and various cutters	50.00
162. Campbell Hausfeld small air compressor, to power the above Powercraft, model FP204100, 2 gallon tank	55.00

SHARPENING

163. Electric grinder, Shine Tool, slow speed, 1100 rpm, with Norton friable 8" wheels, 100 and 60 grits (bought from Garrett Wade)	100.00
164. Wolverine lathe tool guide set for use with grinder	50.00
165. Lee Valley adjustable flat plate for use with grinder	20.00
166. Plexiglass shields for use with grinder	10.00
167. Goose neck light with bulb for use with grinder	20.00
168. Bench grinder stand, Model HBGSp1	75.00
169. Robert Sorby Pro Edge Sharpener electric, with settings for many angles, with accessories	440.00
170. 7 belts for Sorby Pro Edge, including Trizact diamond	90.00
171. Various optional accessories, such as chisel holder	50.00

172. Shapton ceramic stones:			
a.	800 yellow stone	30.00	
b.	1200 blue stone	30.00	
c.	5000 pink stone	40.00	
d.	8000 green stone	100.00	
e.	12000 ivory stone	100.00	
f.	Diamond stone leveler #50100	200.00	500.00
173.	DMT diamond coated steel plate, X-Fine, Fine		25.00
174.	DMT diamond coated steel plate, X-coarse, coarse		25.00
175.	DMT grid face diamond sharpener with base, X-coarse, coarse		20.00
176.	DMT grid face diamond sharpener with base, X-fine, fine		20.00
177.	Shapton sharpening stone, 500		30.00
178.	Custom stone holders		20.00
179.	3 leather stropping pieces, mounted on wood		50.00
180.	Green stropping compound		5.00
181.	Spray camellia oil		25.00
182.	Granite flat block for sandpaper sharpening		200.00
183.	2 Richard Kell brass chisel angle gauges		24.00

184. Pinnacle Angle gauge, older Veritas angle gauge	16.00
185. Veritas Mark II chisel and plane blade sharpening guide	60.00
186. Narrow blade head for use with above, 05M09.09	20.00
187. Skew Registration Jig for use with above, 05M09.01	20.00
188. Camber roller, for use with above, 05M09.05	20.00
189. Veritas grinding jig, 05M06.01	20.00
190. Richard Kell thin blade sharpening guide	20.00
191. Sears 2 wheel grinder ½ hp, 6" wheels, with home made wood stand	150.00
192. Nagashi lubricating natural stone	20.00
193. Translucent Arkansas stone set in wood box, with 4 stones, used for sharpening wood carving tools	30.00
194. Norton sharpening oil	5.00
195. 2 Wolverine diamond stone wheel dressers for use with Wolverine lathe tool guide system	100.00
196. Raptor 45 set up guide for sharpening	10.00
197. Raptor 50 set up guide for sharpening	10.00
198. Woodcut Tru-Grind lathe tool holder	50.00
199. 5 Bessey and other brand lever hold downs, large	150.00

FESTOOL

200.	Festool TS 55 EQ Plus track saw with Systainer, 4 extra blades and 2 Festool Quick Clamps for anchoring Festool track, removable cord	500.00
201.	Festool Track, 2 pieces, 51" and 31" with connectors, 7-1/4" wide	100.00
202.	Festool rectangular finishing sander, LS 130 EQ, with Systainer, removable cord	450.00
203.	Festool Rotex 2 speed HD sander, RO 150 FEQ, with Systainer and removable cord	450.00
204.	Festool 6" oscillating sander ETS 150/3 EQ with Systainer and removable cord	300.00
205.	Festool Domino mortiser, DF 500 Q, with Systainer and removable cord. Accessories and small wrench, latter held in place by magnet user-installed into systainer. Cutter blade set 6 pieces, plus one extra cutter. PVC custom cut spacers for American cuts. Instructions plus American instructions	1,200.00
206.	Festool Systainer with assortment of various sized dominos, plus later ordered bags of most used size dominos	250.00
207.	Festool Vecturo plunge cutting saw, OS 400 EQ, with systainer and removable cord, and extra blades	375.00
208.	Festool vacuum CT 22E, with hose, wheels, handle, and bags. Equipped with after-market Oneida cyclone dust separator and connection hose	400.00
209.	Festool vacuum CT Midi with hose and bags	300.00

210.	2 Proxxon rotary tools, 38-481, one new, one used, with plastic cases and assorted cutters and grinders	110.00
211.	Dremel Tool 3000 rotary tool, with assorted cutting and grinding disks	40.00
212.	Large assembly table, made from vintage solid red oak door, filled in to level with red oak, and coated with epoxy bar top finish. Mounted on two vintage saw horses with shelves	450.00
213.	Above equipped with Record British made vise with quick release handle, 9" x 4"	130.00
214.	Above also equipped with Moxxon style vise made from red oak, 20" deep and 19" wide, and 8" tall, controlled by Veritas Twin Screw Vise mechanism, and 4 Veritas bench "Pups" which fit into pre drilled holes in wooden vise	400.00
215.	Set of 6 Swedish deluxe paint scraping tools, plus window putty removal chisel with guide roller	40.00
216.	Rockler steam binding kit. New & Unused	60.00
217.	Proxxon Chop and Miter Saw. KGS80	295.00
218.	Milwaukee corded Super Sawszall orbital reciprocating saw, 15 amp. with plastic case. 6538-21	85.00
219.	Porter Cable ½ sandpaper sheet finishing sander, corded. Model 505	50.00
220.	Fein Multi Master sander, with Quick Start and Star Lock Plus, with plastic case, Model FMM 350 QSL	150.00
221.	Porter Cable belt sander, 3" x 21"	100.00
222.	Bosch 3" x 24" belt sander	100.00

223.	Makita 4" x 24" belt sander	160.00
224.	Bosch Rotary Hammer percussion drill with metal case, German made. Takes "SDS max" drill bits	300.00
225.	2 air powered nail guns for finishing nails	80.00
226.	Porter Cable pancake air compressor	75.00
227.	Custom made miter joint jig, following plans from article in fine Woodworking Magazine by Michael Peckovich	250.00
228.	Bosch older trim router set with metal case and various appliances	40.00
229.	Milwaukee ½" right angle drill and plastic case. Corded	70.00
230.	Metabo German made angle grinder, 8.5 amp, with plastic case. W9-115. With 3 fiber cut off disks for metal, metal wood removal wheel/saw blade, and tile dry cutting blade	85.00
231.	Milwaukee cordless V28 circular saw, 6-1/2" circular saw blade, magnesium, Model 0730-20, with plastic case, blade, battery charger, and optional rip fence kit	85.00
232.	Two LED work lights from Menards	120.00
233.	One older halogen work light	5.00
234.	Veritas Set Up Block set with plastic case, 05N58.01	20.00
235.	Lenox hack saw with 2 blades	5.00
236.	Jeweler's saw with numerous blades	40.00
237.	Bevel squares—to duplicate angles:	
	a. 2 Stanley blond handles	40.00

b.	1 Garrett Wade with ebony handle	20.00
c.	1 Veritas with wood handle	20.00
d.	1 small British made Crown brand	20.00
238.	Japanese stainless steel mini rule and 45 degree angle gauge	20.00
239.	Starrett 12" dial calipers with wooden case	175.00
240.	"The Chopper" Miniature wood and styrene length cutter tool, NWSL 69-4	30.00
241.	Iso-tip Smart Finish File-sander, Model 6780. Power filer	30.00
242.	Veritas beading tool with wood handle and various cutters	50.00
243.	Veritas hand router with wood handle and 2 routing blades	150.00
244.	Used hole saw collection with over 20 various sized hole saws and some mandrels	100.00
245.	Set of large wood and masonry drill bits	40.00
246.	Guinevere brand Swedish sanding motor and flexible shaft, with many accessories and custom disks, inflater	300.00
247.	Vaco 7 piece nut driver set with long reach shaft/handles 6" lengths	20.00
248.	Razor Tip brand wood burning set SSD10 with two pens and extra pen tips	150.00
249.	Best Wood tools, articulated carving and finishing post, Mounts in lathe adjustable chuck	100.00
250.	Veritas spokeshaves:	

Flat, square	100.00
Round	100.00
251. Lufkin X48 red end wooden folding rule	10.00
252. Point to point Multi purpose layout tool. Opens to mark equal division points. M-Power, British made	15.00
253. Plastic adjustable angle gauge	5.00
254. Small machinist's square	5.00
255. Starrett small depth gauge	75.00
256. Vesper Australian made precision double square with extensions and box	50.00
257. Malleable curve/guide	15.00
258. HD compass	20.00
259. Starrett #65 compass with box	10.00
260. Starrett dividers 12"	25.00
261. Starrett #406 Angle gauge	110.00
262. Japanese double 45 degree marking gauge	10.00
263. Japanese adjustable double scorer with box	30.00
264. Plastic profile gauge/duplicator	10.00
265. General brand angle gauge	10.00
266. Circle and arc marking plastic sheets 2	20.00
267. Sterling Tool Works 3 metal French curves	40.00

268.	20" thin Japanese square	15.00
294.	Electronic angle gauge with 18" metal moveable arms	20.00
270.	Magna Plane magnetic feather board for band saw— direction of feather fingers have been reversed	45.00
271.	Forstner drill bit collection 20-30 pieces, some in box	120.00
272.	Metal cutting drill bit collections with metal box/holders	120.00
273.	Wood cutting brad point drill bit collections, some in custom made holder with size of bit indicators	120.00
274.	Miscellaneous spade bits and long drill bits	40.00
275.	2 Starrett adjustable squares	80.00
276.	2 generic inexpensive squares	10.00
277.	Veritas Bevel setter tool	25.00
278.	Several steel rules, various sizes	25.00
279.	Two inexpensive compasses	6.00
280.	Wood and brass 45 degree marking gauge	15.00
281.	Two small vintage wood and brass folding rules	30.00
282.	Two small magnifying glasses	10.00

WOOD CARVING TOOLS

Two Cherries German

283.	Two Cherries 3101-14 1-14 flat carving chisel	35.00
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284.	Two Cherries 3102-06 2-6 skew chisel	35.00
285.	Two Cherries 3105-14 5-14	40.00
286.	Two Cherries 3105-16 5-16	42.00
287.	Two Cherries 3106-03 6-3	42.00
288.	Two Cherries 3106-10 6-10	42.00
289.	Two cherries 3107-06 7-6	42.00
290.	Two Cherries 3108-14 8-14	48.00
291.	Two Cherries 3109-03 9-3	43.00
292.	Two Cherries 3111-02 11-2	40.00
293.	Two Cherries 3114-06 4-6	40.00
294.	Two Cherries 3121-03 1-3	35.00
295.	Two Cherries 3139-06 9-6	35.00
Dastra German		
296.	Dastra 5-30	50.00
297.	Dastra 9-4	35.00
298.	Dastra 41-12	45.00
299.	2 Dastra small curved chisels	70.00
300.	Unknown German 41-6	40.00
301.	Henry Taylor Diamic British 1/4" curved	40.00

302.	Henry Taylor Diamic British 3/8" curved	40.00
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303.	Bridge City Tool Center Scribe CS2, with optional mortise and tenon offset tool	200.00
304.	Bridge City Tool Kerfmaker, KM2	80.00
305.	Veritas Taper Gauge	10.00
306.	Beall Tool Tilt Box, digital angle gauge	25.00
307.	9 piece leather punch set, circles, 1/8" to 1/2"	20.00
308.	Blue Spruce 2 piece marking set with coco bolo handles	70.00
309.	6 piece plug cutter set, 3/8" to 1" with wood box	20.00
310.	Veritas Transfer Scribe	50.00
311.	Air powered 3" sander for lathe	30.00
312.	Round wood maple hammer	30.00
313.	Round wood hammer with urethane covering	30.00
314.	Glenn Drake brass hammer	30.00
315.	Glenn Drake Tite Mark scriber/marker	150.00
316.	Lie Nielsen dowel hole 7 hole extractor with leather pouch	75.00
317.	Colen Clenton, Australian marking/cutting gauge	175.00
318.	Stanley Tools marking/cutting gauge	50.00
319.	Air powered die grinder	30.00

320.	Metal abrasive disks for use with above	80.00
321.	3-1/4" Forstner drill bit	20.00
322.	2-1/4" Forstner drill bit	20.00
323.	2" Forstner drill bit	20.00
324.	Small German drafting set in case, Charvez Roz	45.00
325.	Triangular drafting rule	5.00
326.	Set of miniature drill bits and pin vises	20.00
327.	Veritas dual marking gauge, 05N70.40	30.00
328.	Super Bar, table saw blade alignment dial gauge	10.00
329.	Swanson speed square	5.00
330.	Irwin aluminum chalk line marker	10.00
331.	Milwaukee 0375-1 (Souix) angle drill–corded	40.00
332.	Dewalt 3/8" vsr corded drill, wrenchless, DW226	30.00
333.	Makita corded angle drill DA3010F	150.00
334.	Jessem Wood Sabre marking gauge, #08801	75.00
335.	Taiwanese drill guide for portable drills, from Garrett Wade, 3/8" Jacob's chuck	20.00
336.	Two Mag Switch, Mag Jig 95, switchable magnetic clamps, 95 lbs. force	44.00
337.	Two conventional dowel jigs, self centering	40.00

338. Dowel former and chamfer tool	10.00
339. Drill Doctor 750X, drill bit sharpener, electric, with plastic case	75.00
340. Steinel HL 2010E heat gun with accessories and case	70.00
341. Hitachi 4" dry cut masonry and tile saw with blade, CM 4SB2	60.00
342. Black and Decker Workmate, work holder	35.00
343. Uline holder and cutter for 48" kraft paper rolls	10.00
344. Six Japanese saws, crosscut and one rift cut	150.00
345. Mini Japanese saw	20.00
346. 5 pry bars, small to large	75.00
347. Eight Auriou hand made wood files, small to large, straight and curved	600.00
348. Two Tools For Working Wood wood files	60.00
349. Four Nicholson wood files	60.00
350. Three various sized round wood cut files	45.00
351. 24 piece metal cutting file collection	40.00
352. Lixie double head soft face hammer	60.00
353. Very heavy solid square copper head hammer	80.00
354. Dead blow lead filled hammer	20.00
355. Wooden maple square head mallet	30.00

366.	3 rubber head mallets	45.00
367.	Three Japanese hammers	150.00
368.	Two small sledge hammers	30.00
369.	Two Stanley Fat Max claw hammers	40.00
370.	Sterling Tool Works plane adjusting hammer	125.00
371.	LV square head plane adjusting hammer, with wood insert on one face	25.00
372.	Plastic head hammer	5.00
373.	Tack hammer, magnetic, wood handle	10.00
374.	Double face plane adjusting hammer, brass/plastic	25.00
375.	Custom made plane adjusting hammer, coco bolo head, ash handle	25.00
376.	Allen wrench collection 30 pieces various sizes	15.00
377.	Bacho scraper with 2" carbide blade	15.00
378.	Veritas variable burnisher	25.00
379.	Wooden scraper holder for sharpening, burnishing	15.00
380.	Lee Valley canvas holder for scrapers	15.00
381.	Clifton hss round burnisher	15.00
382.	"Swiss Made" round burnisher	15.00
383.	"Swiss Made" oval burnisher	15.00

384.	2 Two Cherries German triangular burnishers	40.00
385.	2 files for sharpening scraper edges	10.00
386.	Six rectangular steel scrapers	30.00
387.	Curved edge scraper	5.00
388.	Rounded ends scraper, concave/convex	5.00
389.	Gooseneck scraper	5.00
390.	Small rectangular scraper, 3/4" x 1-1/2"	5.00
391.	Four various sized convex/concave round scrapers	40.00
392.	Collection of J-Rollers, plastic laminate cutter, metal cutting shears, nail cutter, wallpaper scraper, sheet metal grabber tool	60.00
393.	Collection of 32 wrenches, pliers, locking pliers	300.00
394.	Kunz veneer hammer	50.00
395.	Franklin stud finder, electronic	15.00
396.	Gifkins dovetail jig, to be used on a router table	200.00
397.	Incra I-Box, finger joint jig	130.00
398.	Two hot glue guns with glue sticks	30.00
399.	Sandpaper sheet straight edge tearer using hacksaw blade and grid	40.00
400.	Custom made sandpaper sheet holder, made from exotic hardwoods, with 10 compartments	350.00

401.	Sandpaper sheets, many grits, from 60 through 4000	150.00
402.	Collection of Festool 6" round vented sandpaper, many grits, from 40 through 320, velcro grip	200.00
403.	Four drawer sets for small things, with collected screws, nuts, bolts, and miscellanea	200.00
404.	Clamp-on magnifying work light, LED	30.00
405.	Festool Systainer style small parts storage wall mount container with drawers	120.00
406.	Electrical power strip	20.00
407.	Three levels, including one German Stabila	80.00
408.	Collection of Mohawk spray lacquer cans, clear, sealer, colored, various sheens	100.00
409.	Collection of sanding dust of hardwoods and exotic woods, for mixing with epoxy glue to form a custom filler	20.00
410.	Eight Lee Valley Veritas sanding blocks, 05Z1401	200.00

411. Hide glue granules, different types	20.00
412. Collection of screw drivers, nut drivers, square drive tools, awls, punches, etc.	100.00
413. Elu electric corded planer	75.00

WOODPECKERS TOOL COMPANY PRODUCTS

414. Saddle T6, 6-1/2" red aluminum ruler SDLT1219	55.00
415. Fibonacci Gauge. For setting measurement according to the "golden Rule". Red aluminum. 7-2012	45.00
416. Incra ruler. Stainless steel with end shoe	20.00
417. Rip-Flip Table Saw Fence Stop System. 52". RF-FS-52-SS Used to precisely adjust location of rip fence on table saw. New and unused.	175.00
418. Dual Miter Scribing Gauges, 6" and 12". DMSG-1SET	100.00
419. Small glue scraper, 5/8" square tip. MSCRAPE-P	5.00

420. Precision measuring blocks in plastic cases
- a. SUB13-2012. 13 Piece setup block set
 - b. SUB21-2012. 21 Piece setup block set 200.00
421. DeVe stainless steel square set. DELVSSSET-18
6" and 3-1/2" markers 120.00
422. Straddle square set. STRDSQSET-15. Two Straddle
squares, 3/4" to 1-3/4", and 1/4" to 3/4" 70.00
423. Miter-Master. Two tools on mounting board. 170.00
424. Corner Radius Quick Jig. Set of 6. Used with router
and pattern bit to precisely round over square corners.
CRQSET
1. 1-1/2" and 1-3/8"
 2. 1-1/4" and 1-1/8"
 3. 1" and 7/8"
 4. 3/4" and 5/8"
 5. 1/2" and 3/8"
 6. 1/4" and 1/8" 120.00
425. Box clamp set. BC4-M2. Four 2 piece set. 95.00
426. Multi knob 4 pack set for use with above. MKNB516X4

For squaring up and clamping boxes	3.00
427. Two center scale rulers, 12" and 6". Larger one has a stop at one end.	40.00
428. Paolini Planer Gauge. PPG. Plastic, in inches and metric	15.00
429. Gauge Block Set. GB-225 and GB-369. Two small stainless steel triangles on mounting board.	
1. 45°, 45°, 90°; 2-1/4" x 2-1/4"	
2. 90°, 30°, 60°; 2-5/8" x 1-1/2"	95.00
430. 45-90 stainless steel triangle set. OTT-45-90-SSTRIANGLES 2016. Three triangles on mounting board. 16" x 16", 8" x 8:, 4" x 4"	160.00
431. 24" Tee Square on mounting board. TS-24-2	90.00
432. Precision triangles on board. PTR46SET. 6-1/4" and 4-1/2" triangles screwed together with three brass knuckle screws. Labeled "Pinnacle" made by Woodpecker.	50.00
433. DF500 Offset Base System. DF5000-0BS1-18. In plastic carrying case. For use with Festool Domino DF 500 or	

DF 700. Mounts on Festool Domino with various spacers to exactly cut at the center of American sized wood pieces. The Festool Domino is set to the metric system of measurement. New and unused.	400.00
434. Thread Detective. Six sets, three are English and three are metric. Allows one to test an unknown screw thread to determine exactly what thread it is.	75.00
435. Clamp Rack It. Two. Holds long clamps.	45.00
436. M-Power router bit sharpener. MP-RCS	10.00
437. Dado Setup Fixture and Gap Gauge Deluxe. DSF-DELUXE. Used to set up combined thicknesses of saw dado blades. New and unused.	150.00
438. Red Aluminum Rulers.	
6" WWR6	6.00
12" WWR12	12.00
Hook Stop. HOOKSTOP	10.00
Rulestop 2 RS-2	25.00
439. Story Stick Pro. SSPRO-24. Red aluminum ruler with adjustable stops to allow for repetitive cuttings.	28.00

440. Bevel Gauges.		
7" bevel gauge	BVLG-7	40.00
12" bevel gauge	BVLG-12	60.00
441. Side Kick Clamps. SKC-4PR. Round black knobs, aluminum arms. New and unused. Lines up edges of boards being glued together. Prevents shifting.		40.00
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442. Joe Woodworker vacuum veneer press. Kit built. Uses compressed air from shop air compressor to create a vacuum using a venturi system. Project being veneered is placed in polyurethane bag, the ends are sealed, and the vacuum press is turned on. The vacuum will use outside air pressure to evenly apply force to glue the veneer to the project. This device cycles on and off during drying time. Includes boards with air lines and specialized mesh. This device includes venturi, meters, tanks, and electric cord.		450.00
TOTAL		\$ 72,369.00