The TOOL SHED

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WINDSOR BEADERS

By Hank Allen

Windsor is an historic town in Vermont. It lies on the Connecticut River (which belongs to New Hampshire) about one-third up the eastern border. In Vermont the towns of early settlers held charters from either New Hampshire or New York, but in 1777 with help from the Green Mountain Boys, Vermont declared its independence and the Republic of Vermont was founded. Windsor, where the new constitution was signed, became Vermont's capital until 1805 when the capital was moved to Montpelier. Vermont became the 14th state in 1791.

By 1820 Windsor was Vermont's largest town and a center of manufacturing. The Robbins and Lawrence Armory was built in 1846 when a contract was awarded to the partnership of Lawrence, Robbins and Kendall to manufacture 10,000 Model 1841 Mississippi rifles for the US Army. In 1851 the British Army placed an order for 25,000 rifles for the Crimean War. Machinists working there pioneered the manufacture of firearms with interchangeable parts. Lemuel Hedge, Frederic Howe and Daniel Wesson worked there before their well-known careers at E.A. Stearns, Providence Tool and Smith & Wesson. The Armory now houses the American Precision Museum, which features the largest collection of early machine tools in America. See Photo 1. If you visit don't overlook the Harpoon Brewery!

Photo 1

American Precision Museum

Before manufactured beaders were available furniture craftsmen used shop-made scratch stocks to form small moldings. Photo 2 is of several scratch stocks taken with permission from Garrett Hack's book, Classic Hand Tools., a favorite of mine. You can see they would be handy tools for simple moldings on the edges of straight or curved surfaces.

Photo 2 - Scratch Beaders
Courtesy Garrett Hack

Lawrence V. Poole and Orlando E. Williams of Windsor patented two hand beaders which they sold as Windsor Beaders. Today they are called Type 1 and Type 2 Windsor Beaders. The patentees' names were not prominent in any history of Windsor that I have read. However, their beaders seem to be popular with today's collectors and are commonly found in tool auctions.

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April 2, 2017 CRAFTS Meeting
Masonic Lodge, Highbridge, NJ

April 8, 2017 CRAFTS Auction
Oldwick Fire Dept. Oldwick, NJ

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of New Jersey

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The purpose of CRAFTS of New Jersey is to encourage interest in early trades and industries, and in the identification, study, preservation and exhibition of tools and implements used and made in New Jersey as an integral part of our heritage.

Membership in CRAFTS is open to anyone who shares the above interests. Annual dues per person or couple are fifteen dollars for the membership year of July 1 through June 30. Membership fees may be sent to: Hank Allen, 524 Harristown Road, Glen Rock, NJ 07452 (write check payable to CRAFTS of New Jersey).

CRAFTS of NJ meetings are held at the HOST Masonic Lodge in High Bridge, NJ. Take I-78 to Route 31 exit at Clinton. Go north on Rte. 31 two miles to second traffic light at the High Bridge exit. Turn right and go about half a mile to Dennis Ave. Turn left, then straight to the Masonic Lodge (on the left). Tailgate sales in the parking lot begin at 10 A.M., meeting starts at 1 P.M.

The TOOL SHED

Published four times a year for members of CRAFTS of New Jersey. Editor: Bob Garay 15 N. River Styx Rd. Hopatcong, NJ 07843—(973)398-5875 - Articles, especially about early tools and trades, are encouraged and may be sent to the Editor. Email—takeadip@optonline.net

CRAFTS WEBSITE
www.craftsofnj.org

Containing general information about CRAFTS and its activities including: meeting schedules, Tool Shed articles, etc.

NEW MEMBERS

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President's Corner

Hello to all CRAFTS of N.J. members! We value your membership and participation in the club! It is February 23rd as I write this message but it seems like it is sometime in May. It was 70 degrees F today in New Jersey as I scrambled to stack two chords of firewood for next year's use. I am trying to stay ahead of the tics which will soon be initiating their crawling, Lyme infested ways before long at these temperatures.

So be it! Time moves on and so does CRAFTS. As you know our strategic plan focuses on the tool collector, the tool dealer, and the tool historian. I am pleased to report that we are moving steadily forward on all three fronts!

This past weekend we completed a very successful N.J. Woodworkers Show at The Expo Center in Somerset N.J. The show was tremendous and there was a huge flow of wood workers over all three days. Our CRAFTS booth enjoyed a steady stream of visitors. We handed out many membership applications, CRAFTS auction flyers, and answered questions of every sort. On Friday, Stew May entertained and informed the passers-by with his exquisite collection of rules. Blacksmith, Lenny Piergiorgi answered questions and handed out CRAFTS membership applications. Demonstrating the froe and drawknife, I rived, hewed and carved a handle for a goosewing axe from freshly cut hickory logs. On Saturday, Anton Pecha answered woodworker questions. He was joined by our vice president John Czekaj who also helped on Sunday.

During the show the CRAFTS team had the opportunity to listen to the ideas and desires of many wood workers. We were able to refer those wood workers looking for old user tools to the booth ably manned by Bob Garay and Steve Zlucky and their helpers. The presence of our tool dealers underscores the value that CRAFTS provides. We are your one stop shop for tool knowledge.

Please remember our CRAFTS auction is coming up very soon on April 8th at the firehouse in Oldwick N.J. It is truly a "Tool Extravaganza"! We expect over 50 dealers, many arriving before dawn on the morning of April 8th. Tail gating is free for all but please get there early to make sure you have a place.
Saturday at 9:30 our annual CRAFTS Auction kicks off! This year Steve Zlucky and his auction team have corralled some very special sparklers! Pictures of some of these have been published in the Tool Shed. Pictures are being added to the CRAFTSofNJ.org web site. Joe Hauck has promoted our auction to local news media so expect some lively competition. All funds raised support CRAFTS.

Behind the scenes James Travis and Hank Allen have purchased and tested "state of the art" auction software. This software is fast, secure, and capable of generating detailed financial reporting.

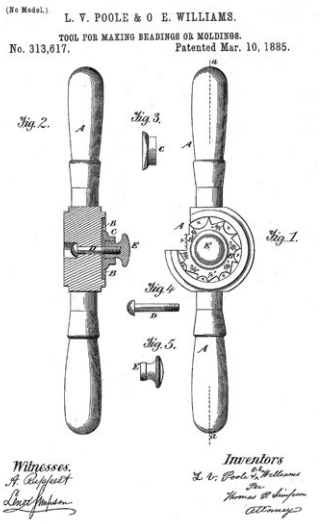
Last but not least, the CRAFTS Team has contracted with Paul Wilmott to auction our tools. Paul is a world renowned auctioneer for Martin Donnelly auctions. Come to the auction ready to roll! Paul has been clocked to auction 200 lots per hour. He is fun and will keep things rolling!
It is a busy time of year but gang busters for all toolies! Don't forget to check out Patina, Brown's Auction, and Horst's tool auction.

Continued on pg. 11

(Cont. from pg. 1)

The Type 1 Windsor Beader

The Type 1 Windsor Beader was patented March 10, 1885, but the patent suggests that it was available before that date. It was described in the patent document as a tool for making beadings or moldings. The category assigned by the Patent Office was Scratch Stocks, which is exactly what the Type 1 beader is. Unlike a scratch stock the Type 1 beader has a cutter disk with six profiles. The disk is 1/16" thick and 1½" in diameter. The six profiles are bevel ground, but it's still a scraper. The Type 1 beader was claimed to be an advantage over having six individual tools, but it's an edge beader only and the absence of an adjustable fence is a significant limitation.


(No Model.)
L. V. POOLE & O. E. WILLIAMS.
TOOL FOR MAKING BEADINGS OR MOLDINGS.
No. 313,617. Patented Mar. 10, 1885.
Fig. 2. Fig. 3. Fig. 1. Fig. 4. Fig. 5.
Witnesses. Inventors.

Above photo 3 - Type 1 Patent Drawing
Below photo 4 - Author's Type 1 Beader

The patent drawing is shown in Photo 3 and my example is shown in Photo 4. Note that the cutter disk in the patent drawing is not hollow ground. My beader is marked with only the owner's initials, which supports that it was made before the patent was issued. The beader is 9 ½" end to end including the brass tips. Profiles on the cutter disk are beads of 3/16", 1/4", 5/16" and 3/8", a 3/8" double bead and a 3/8" quadruple bead. Examples of the last three profiles formed in pine are shown in Photo 5. The cutter disk in the patent drawing has a 7/16" bead, but not the 3/8"double bead

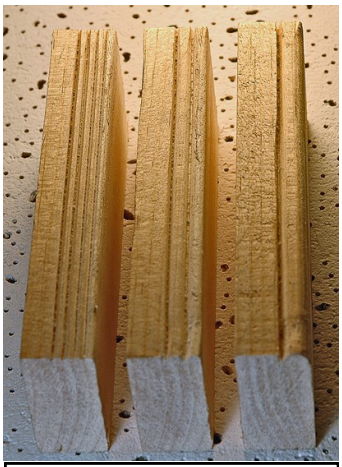


Photo 5 - Edge Beads Formed With Type 1 Beader

Edge beads are formed by holding the fence against the stock and moving the tool back and forth at a slight angle until the desired depth is reached. Pine and mahogany are easy to work, but cherry and probably other hardwoods are not.

The Type 2 Windsor Beader

The Type 2 Windsor Beader was patented June 2, 1885, and subsequently in Canada on 23July1885 (The way dates were recorded on English and Canadian patents.) The object of the invention was to introduce an adjustable fence so the tool may be adapted to suit the grain of the wood and make beads away from the edge of the stock as well as on the edge. Patent dates for both types appear on the Type 2 beader, possibly because the cutter disks and the method of securing them is the same. The Type 2 improvement is achieved via a longitudinal slot in the stock that allows a cutter to be positioned from almost ¾" to the right of the fence to almost 1½" to the left of the fence, eliminating the limitation of the Type 1 beader. The cutter-disks are also 1/16" thick and 1½" in diameter and interchangeable with the Type 1, but cutters are not hollow ground. A brass cutter plate rests behind the cutter disc. Examples also exist with copper or nickel-plated cutter plates, but I have not seen either. There are two versions of the Type 2 beader, one with the wood stained maple and one with the wood ebonized.

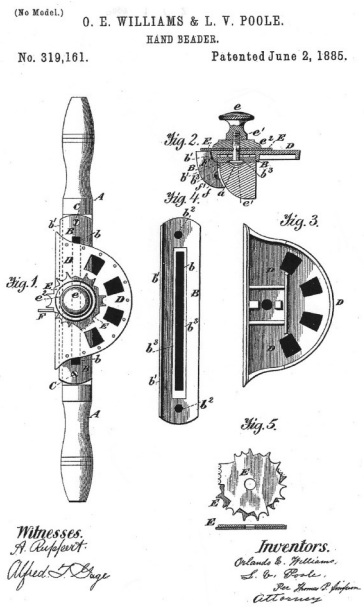

(No Model.)
O. E. WILLIAMS & L. V. POOLE.
HAND BEADER.
No. 319,161. Patented June 2, 1885.
Fig. 1. Fig. 2. Fig. 3. Fig. 4. Fig. 5.
Witnesses. Inventors.

Photo 6 - Type 2 Patent Drawing

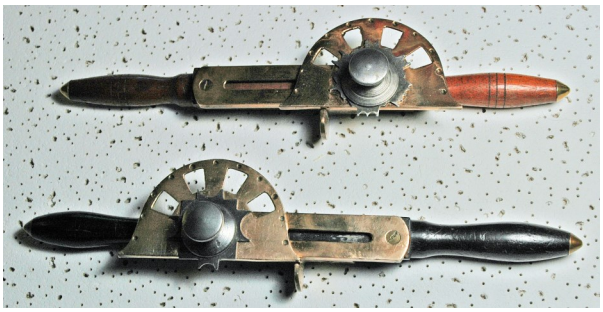


Photo - 7 Author's Type 2 Beaders

(Cont. on pg. 4)

(Cont. from pg. 3)

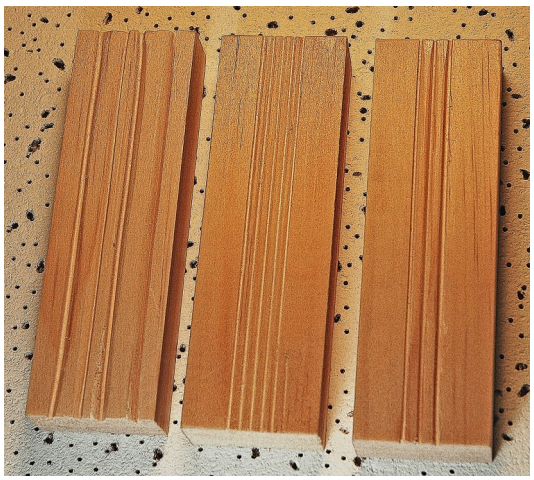


Photo 8 - Moldings Formed With Type 2 Beader

The patent drawing is shown in Photo 6 and my two examples are shown in Photo 7. My beader with stained maple wood and patent dates on a paper label is at the top. My beader with ebonized wood and stamped patent dates is at the bottom. I have set the cutter to the right on the top example and to the left on the bottom example to show the range available to a user. Differences in wood won't show unless you go to the CRAFTS website where the article appears in color. The elegant, brass cutter plate with its cut-outs seems purely for appearance and may be what makes the Type 2 so popular with collectors.

A NEW BEADING AND MOULDING TOOL.

Patented Sept. 15, 1885.

This outline cut shows a couple out of hundreds of styles of mouldings that can be made.

This tool is indispensable, and is destined to become standard with Carpenters, Cabinet and Pattern Makers, Carvers and all mechanics working wood. There is practically no end to the variety of Beads, Mouldings and Flutings that can be made on either straight or irregular surfaces, such as Table Tops, Casings, Mantels, Picture Frames and all fancy work. No WOOD-WORKER'S KIT IS COMPLETE WITHOUT IT, AS IT WILL PAY FOR ITSELF IN ONE JOB FOR WHICH THEY HAVE NO TOOL TO DO THE SAME WORK. The Cutters can be raised, lowered or changed to get ANY SHAPE DESIRED. It is made of the best material, nickel plated, has rosewood handles and English cast-steel cutters—nine in number—eight being double enders, making SEVENTEEN cutters in all. The full size is 9¾ inches long, put up in a neat box, with full directions for using. PRICE, $2.00. BY MAIL, 15 CENTS EXTRA. Any one buying this tool on the above recommendation, and not finding it as valuable and useful as represented, may return it to us by mail and WE WILL REFUND THE MONEY or exchange for any other tools in our catalogue. SEND SIX CENTS IN STAMPS FOR THE MOST COMPLETE CATALOGUE AND PRICE LIST, WITH OVER 600 ILLUSTRATIONS, OF THE LATEST IMPROVED AND PATENTED as well as all standard tools. EVERY TOOL WARRANTED.

CHAS. A. STRELINGER & CO.,

MANUFACTURERS OF AND DEALERS IN

Tools for Carpenters, Builders, Millwrights, Carvers, Cabinet-Makers and all Wood-Workers.

DETROIT, MICH.

Photo 9 - Strelinger 1887 Ad For Type 3 Beader

Beads or moldings are formed the same as with the Type 1 beader. However, with the adjustable fence multiple shapes can be formed on the same stock. Photo 8 shows three moldings made with the Type 2 beader. I had difficulty scraping the larger beads as the cutter would not work deep enough to round the top of the bead.

Kendall & Vose

Elton P. Kendall and Ambrose S. Vose, both in Windsor, patented a beading tool on September 15, 1885, the same year the two Poole & Williams patents were issued. The patent drawing shows the beader with provision to insert a bit through it that would drive the cutters in a circle to form a rosette. No example with this provision has been found.

In lieu of a patent drawing I'll introduce the "New Beading And Molding Tool" with an 1887 Strelinger ad from Carpenter & Builder Magazine as Photo 9. The invention was essentially to be able to make a variety of moldings by binding together up to four bar-shaped cutters, actually scrapers, in the body of the tool. Kendall & Vose never used the term "Windsor Beader," but today we call this beader the Type 3 Windsor Beader. There is also a slightly different version that has become known as the Type 4 Windsor Beader. Type 4 is not an improvement to the user over Type 3, which is what would be expected. Perhaps Type 4 was made by someone else. The manufacturing dates, manufacturing locations and other manufacturers of all four Windsor Beaders are uncertain.

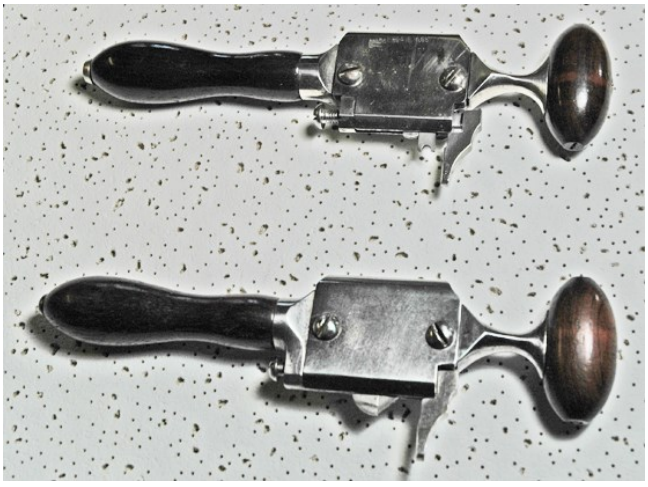


Photo 10 - Author's Type 3 and Type 4 Beaders

The Type 3 and 4 Windsor Beaders

Both types are 9 ¾" long with nickel plated body and rosewood handles. They came with eight double-end cutters and a ninth cutter with a router cutter on one end. See Photo 12. It's unusual to find a tool with more than a few surviving cutters. Cutters were 3/32" thick and either 9/32" or 13/32" wide. Two cutters of each width would fill the body. There are two screws on the cover that tighten the cutters in the body. The fence can be moved up to ½" to the right of the closed position if desired. A screw on the back (not shown) secures the fence in position. The screw on the left tightens the cutters from shifting in the body during use, but the screw has limited range so there have to be enough cutters in the body, whether in cutting position or not for the screw to serve this purpose. The position of this screw is the feature that distinguishes the two types.

Photo 11 - Inside Type 3 and Type 4 Beaders

The cutters are really scrapers so have what the patent calls 90 degree pitch. I made several attempts to scrape a small molding with this tool and gave up every time. I am not alone. Strelinger printed this letter in their 1897 catalog: "Dear Sirs: -The tools sent me on the 2nd of the month have been received. They are a splendid lot, and I am well satisfied with all of them excepting the New Beading & Molding Tool. I think this is a humbug, and I must say that it takes a deleted sight more ingenuity to use this tool than it did to invent it. I would like to send it back in exchange for something else, if I may."

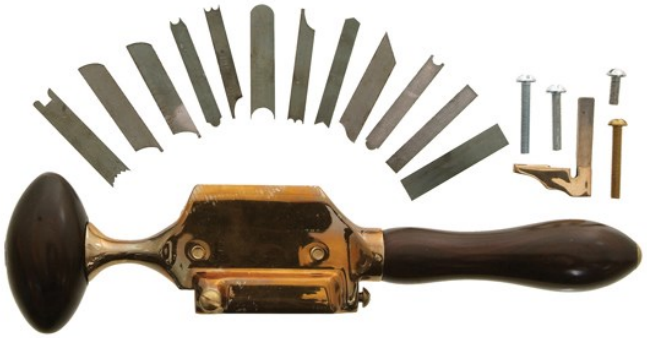


Photo 12 - Modern Type 4 Beader

The patent drawing illustrates cutters with less than 90 degree pitch. Maybe they were hollow ground like the Type 1 cutter disk or maybe they were real cutters. I don't know if these cutters were ever marketed.

Photo 10 shows my Type 3 at the top and Type 4 at the bottom. Each one is marked "Pat Sep 15, 1885," but in different locations on the body. Photo 11 shows the same tools with the covers removed, exposing the inside of the body and the Type 4 modification. The patented Type 3 at the top and the Type 4 at the bottom. Note the fences are the same size and the blocks that hold the cutters are the same size. I have read that Type 4 has a wider block to hold more cutters, but this is not correct. Perhaps the Type 4 was easier to manufacture.

I used Martin Donnelly's online search to find out how many Windsor Beaders had been sold in his 2010-2015 auctions. There were 41: eleven Type 1, twenty-one Type 2, seven Type 3 and two Type 4. High prices were respectively $302, $258, $517 (lots of cutters) and $247. Average prices were $154, $132, $300, $220.

Martin also sold 3 modern, bronze and rosewood Type 4 beaders by Kansas City Windsor Tool Co (now defunct). See Photo 12. The photo also shows a full set of cutters, and they appear to be authentic. Thank you Martin

Tom Lamond's book *Manufactured & Patented Spokeshaves and Similar Tools* and his subsequent article in the *Fine Tool Journal* in 1998 have additional information on these beaders, for example that they are not known to have appeared in any catalog. The Strelinger ad is taken from Tom's book. Thanks again to Garrett Hack who lives just upriver from Windsor. Photos of my stuff by Charlie Flynn.

This years CRAFTS Auction features the many different types of the Windsor Beaders. Thus here is your chance to add a rare collectible tool to your collection.

PIANO MAKERS BOW DRILLS

By Martin Shepherd

Napoleon and Julius Erlandsen made a drill stock that became the standard of the piano industry. This ancient tool, which was depicted in Egyptian hieroglyphs, is almost as old as the invention of fire, as the first versions of it were used to start fires and to drill holes in stones and beads. (See photo -1)They were driven by a bow held in the opposing hand, and, as a drill, were capable of producing precision work by skilled and practiced craftsmen. Bows were moved back and forth, in a steady reciprocal motion, somewhat like a cellist might play.

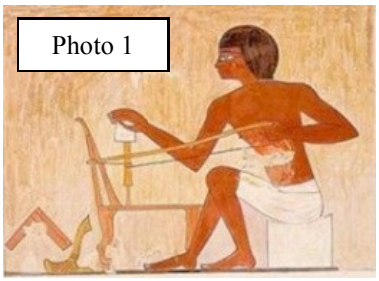


Photo 1

Samuel Wolfenden, a British pianomaker and author of "A Treatise on the Art of Pianoforte Construction," (1927) wrote about the application of bow drills in piano work:

> "…the old stock, used with a weak bow for bridges and a strong one for wrest-planks, is superior. For use with the bow, the drills for bridge pins should be made of steel wire, with rather long points, and half the diameter filed away, leaving a cutting edge on each side. Made thus, they bring out all the core, which—if the drill is stuck into a piece of hard soap—falls away, and the point is cooled and lubricated for the next hole.
>
> For drilling wrest-pin holes, thin "quill" bits are best. Very accurate fitting is needed, and it is wise to have a selection with very small differences in the diameters of the resultant holes, so that differences in the hardness of the wrest-planks (often considerable) may be met, and also small differences in the gauge of wrest-pins for it frequently happens that the pins are not quite of the nominal diameter. It is astonishing how much difference there can be in the tightness of wrest-pins arising from either of these causes."

When I read this, I was rather surprised to learn that in the rather conservative, even backward-looking English piano industry of that time, bow drills were used for heavier structural work, such as drilling pinblock holes. I knew that they were traditionally used for drilling out harpsichord wrest-plank holes, but that was in the eighteenth century, and the holes drilled for harpsichord tuning pins were considerably smaller. I had assumed that the piano, a product of the industrial revolution, had utilized either a steam driven drill press run by belt drive, or a hand-cranked drill press for this procedure. These other methods were probably employed in England as well.

In North America, bow drills were traditionally used for relatively delicate drilling, such as making holes for the bridge pins, and there are about 470 holes per piano, for that task alone! Many of the smaller holes for various screws were also made with this tool. Precision drilling was critical before 1850, because the screws lacked a point, or gimlet, to aid in starting in the drilled hole, but this predates Erlandsen's bow drill, which was introduced when Napoleon Erlandsen set up shop in 1863.

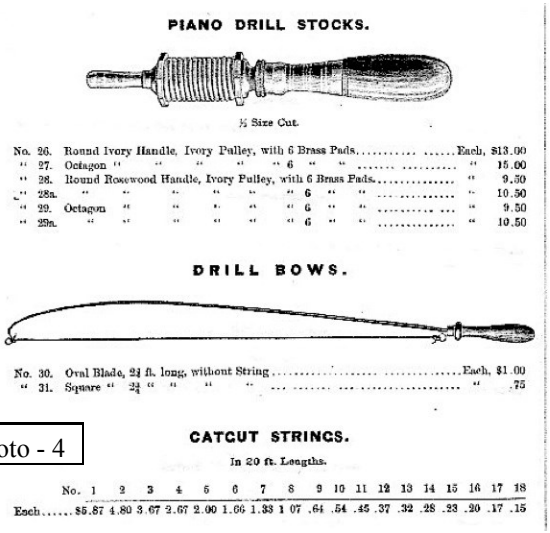
Assorted bow drills made by various makers.

Drill pads were friction fit into the tapered socket of the drill stock, and the bit was fixed into the socket of the pad by tightening the set screw, or screws. The bits included in the 1900 H. S. catalogue were mostly the spoon type, and the various sizes and their intended uses were covered over several pages. Specific applications described were for bridge pins, tuning pins, lyre rods, center key counterbores, countersinks, and general uses.

In photo 3, are drill pads made by Erlandsen. One of these pads is signed by both Napoleon and Julius Erlandsen - probably during the transition period - transferring the business from father to son circa 1894. The small steel pad, second from left, holds bits for bridge pin drilling, and the two large pads, 1/4″ and 17/64″ are sizes that would be used for drilling out pinblock material for size 1.0 to 2.0 tuning pins, the range of common sizes for new pianos in the late 19th, early 20th centuries.

Photo 3

These are very scarce, and are almost never found separated from a drill stock:



PIANO DRILL STOCKS.

½ Size Cut.

No. 26. Round Ivory Handle, Ivory Pulley, with 6 Brass Pads..... Each, $13.00
" 27. Octagon " " " " " 6 " " ..... " 15.00
" 28. Round Rosewood Handle, Ivory Pulley, with 6 Brass Pads..... " 9.50
" 28a. " " " " " " 6 " " ..... " 10.50
" 29. Octagon " " " " " 6 " " ..... " 9.50
" 29a. " " " " " " 6 " " ..... " 10.50

DRILL BOWS.

No. 30. Oval Blade, 2½ ft. long, without String ..... Each, $1.00
" 31. Square " 2½ " " " " ..... " .75

CATGUT STRINGS.

In 20 ft. Lengths.

No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Each.....	$5.87	4.80	3.67	2.67	2.00	1.66	1.33	1 07	.64	.54	.45	.37	.32	.28	.23	.20	.17	.15

Photo - 4

Above is an ad from a Hammacher Schlemmer Co. 1885 catalog. Note the drill version available with ivory handle and pulley for $15.00. Of course, this was a lot of money in 1885, and there was little demand then for such a prided extravagance. Yet, ivory drill stocks are coveted between general tool aficionados today, and can sell for over $2,000 today. Julius Erlandsen appeared in the 1930 census, living an apparently very simple life, renting an apartment and living alone. He did not marry, and lived with his mother until she passed away. This makes me wonder how much the Erlandsen family benefited financially from wholesaling their products to retailers.

"Catgut" was actually made from sheep intestines. Catgut strings are still used for early musical instruments and for stringing some old fashioned tennis racquets. I found no documentation for the shoelace type leather strips that are typically put on bow drills during the last several decades.

Below in photo - 5 is an N. Erlandsen bow drill partially disassembled. An adjustment screw at the back of the ferrule adjusts the amount of play/friction for the rotation of the spindle. Ivory spindles would tend to crack under the stress of constantly reversing direction while driven by the bowstring. Several methods were employed to fix these spindles to the steel center shaft: a tight pressure fitting, fixing with a pin drilled through the steel shaft and into the ivory, and threading both the shaft and the spindle. Louis Eicke patented the latter method, and an Erlandsen-type drill stock is depicted in his patent drawing. Eicke's solution proved generally successful in avoiding split and cracked ivory spindles.

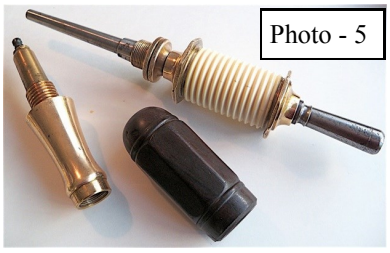


Photo - 5

Using fencing foils to make bows was a common practice. Because many craftspeople made their own bows, and the possibility that bows could be purchased locally, they were sometimes omitted from piano supply catalogs. Bows for the Erlandsen or the Buck drills usually range from two and a half to three feet, enabling the craftsperson to develop more speed and create more inertia. I imagine that it must have been a challenge to use these long bows inside the piano, while still managing to avoid striking the inside of the case.

A bow with ratcheting mechanism. The thumbscrew on the opposite tightens the string and is locked in with the toggle on left side.

It is very rare to find drill bows with ratcheting string adjusters. These bows with a ratchet adjustment, set the string tension between the bow ends and around looped pulley to the appropriate amount of friction. Knowing where to tie the string, and allowing for the amount of length needed to encircle the drillstock pulley with the proper tightness/ friction took skill and practice. These ratcheting bows eliminated that part of the challenge of using a bow drill, which is now a lost art..

Buck Bros. bow drill & bow made by author.

Bow drills began to be phased out after the invention of the Black and Decker portable electric drill c. 1917, but there are some instrument makers and jewelers who still use them. For collectors it is an interesting area to collect, as there are so many varieties of bow drills the hunt is never-ending.

Visit Martin Shepherds website - ***http://mshepherdpiano.com/antique-piano-tools*** for more information on antique piano makers tools.

A Collector's Journey - Tool Travel Tips

John & Julie Kesterson

Planning for tool shows begins with picking up our 2017 monthly planner, usually while we are picking up our Halloween candy. We then pencil in the dates for all the shows we plan to attend. We call for hotel reservations, especially the same hotels we have been visiting for the last several years. We have found it easier to cancel a reservation than to try and get a room in a filled hotel. By Thanksgiving or Christmas, at the latest, we are ready for our new year of tool shows.

John & Julie Kesterson at one of the tool meets they travel around the country for.

Our 2017 year begins January 28th with the York, PA show followed by February 3rd and 4th with the Madison, GA show and February 26th with Ohio Tool Club. Patina is March 10th and 11th in Damascus, MD, MJD Auctions March 17th and 18th in Indianapolis, IN, and Brown's Auction March 24th and 25th in Camp Hill, PA. On April 8th is the CRAFTS Auction in Oldwick, NJ, and April 28th and 29th are the MJD Auctions in Nashua, NH - tailgating begins the 26th and runs through the 29th. Sturbridge Village in Sturbridge, MA is the location for this year's EAIA meeting May 17th - 20th and Ohio Tool meets in Zoar Village in Zoar, OH on May 21st. June 15th-17th is W-WTCA's first 2017 show in Springfield, IL. July 20th-22nd is MJD's Auction in Avoca, NY. Ohio Tool meets August 6th in Ashland, OH. September 15th and 16th is MJD Auctions in Nashua, NH, and the second M-WTCA show is September 28th -30thin Memphis, TN. October 20th-21st are MJD Auctions in Indianapolis, IN and Brown's Auction October 27th and 28th in Camp Hill, PA. Ohio Tool meets on November 5th in Grand Rapids, Ohio to finish the year. There are no west coast shows this year, so we wait till August of 2018 for the PAST show in Sonoma, CA and the PNTC show in Portland. There are other shows like Garfield Farm in St. Charles, IL in August, the CRAFTS picnic in the fall in NJ, and Canadian tool shows in Ontario throughout the year, as well as many other shows that might fit into the calendar.

We are also busy with local flea markets and antique shows. Hartville, OH has flea markets every Monday and Saturday, Medina, OH has a flea market once a month on Sunday, Scotts antique shows are in Columbus, OH in January, February, March, November, and December, and Olde Starke antique shows are in Canton, OH January, February, March, October, and November.

After all the planning, we began our 2017 year on January 28th with the M-WTCA Cabin Fever Tool Show and Brown Tool Auction in York, PA. Room trading at the Wyndham Garden took place Friday afternoon and evening. After about three months of slow tool activity, this first tool show brought out a room full of dealers and shoppers, many nice displays, and a flurry of excitement. Thank you to Jeff LaCates and the PA tool friends who put on a great show, however, this show was not as exciting as last year.

The adventure of 2016 began on Friday afternoon about 4:00 PM with flurries-real snow flurries-which turned into a heavy, steady, non-stop snowfall until Saturday evening about 9:00 PM. Everything was buried under about 38 inches of snow! We were snowed in with the hotel staff, and the electrical crews and trucks that had been sent east from IL, IN, OH, PA, and NY (we would have electrical power-no matter what!). The tool show and auction went on as planned with fewer in attendance, but the prices held strong. The hotel staff took care of our every need. They extended our stay (for a very reasonable rate), fixed us food (when the restaurant wasn't open for lunch), and fed dinner to a packed restaurant (when the chef became overwhelmed and quit!) The whole restaurant took on a relaxed atmosphere, with the staff preparing and bringing out trays of food which we all shared. Everyone visited and got to know our tools friends, and electrical repairmen, a little better. A little concern arose as the bar started running out of the favorite beverages that were being consumed, but other than that it was an excellent adventure. The snow stopped Saturday night and Sunday morning was dig out time. The hotel had two young men, one with a shovel, and one with a snow blower. They went from car to car digging us out. There was no charge, but I think they appreciated the tips!

Shoveling out of the snow storm of Jan. 2016 at the Mid West - York, PA show.

Highway travel had been banned, but by noon we ventured out not knowing if the highways were open or not. The roads were cleared of snow, but there was no

traffic, maybe the banns were still in effect, we didn't ask! We just drove south until the snow was gone.

Wilson, NC is a comfortable drive from York and a nice place to stay. There are hotels (Holiday Inn Express), a great bar-b-que restaurant (Parker's), and a church (St. Therese) for us to attend mass either Saturday evening or Sunday morning.

Writing in the sandy beaches of Georgia to our grandchildren.

The next afternoon we are in Savannah, GA, visiting a few antique shops, then heading out to Tybee Island to stay at our favorite hotel (Dunes Inn and Suites), eat at our favorite seafood restaurant (Stingrays), and have breakfast at our favorite breakfast restaurant (The Breakfast Club), and walk the beaches morning, noon, afternoon, and evening. It is so much fun leaving our footprints in the snow and two days later leaving our footprints in the sand on the warm, sunny beaches. There are very few tourists this time of year.

We stay for a couple of days or a week depending on how many days are between shows. Other years we have visited Amelia Island (found a little motel on the beach – Beachside Motel - nestled among the big hotels), Jacksonville Beach, FL (visited relatives), the Okefenokee Swamp (four days in a cabin, fishing, and boating, with the alligators), Plains, GA (Jimmie Carter's charming little town – Plains Historic Inn), Andersonville, GA (National Cemetery and a Prisoner of War Memorial from all the wars), and Apalachicola, FL (Apalachicola River Inn-great oysters and where you might run into a ME antique tool dealer who had recently sold his auction business and was now camping and fishing on St. George Island – Buccaneer Inn). These have all been good experiences for us!

The M-WTCA Peach Meet was held in Madison, GA on February 3rd and 4th. Tailgating was well attended and began before daylight with many tools bought and sold. It was a beautiful morning, but the weather in Madison has run the gamut of beautiful to cold and icy. The Peach Meet of 2015 was memorable because of the severe ice storm that closed Georgia! We arrived in time to be iced into the Hampton Inn and everything closed. The only place open was the Pizza Hut next door. The employees were iced in and couldn't get home, so they made pizzas and we had a pizza party at the hotel. There were fewer in attendance, but the show went on, and everyone had a great time.

Madison, GA is known for the large number of beautiful antebellum homes that survived Sherman's March to the Sea, from Atlanta to Savannah. There are many stories as to why Madison wasn't burned, but no one knows the real story. We are just pleased to see all those gorgeous homes every day on our drive from the hotels into town to the restaurants. The restaurants are amazing too! We especially like Amici's (pizza and PBR), Adrian's for lunch (choose I meat, 3 or 4 veggies, tea, cornbread or biscuit, and dessert …so good and reasonable prices), Happy China (some of the best Asian food in the US…with John's goal to get the waitress to smile), Crow's Bar-B-Q (choices of bar-b-q meat and veggies and great Brunswick stew). For a special lunch or dinner with friends, the Blue Willow in Social Circle, GA is an antebellum home turned into a huge southern buffet restaurant with excellent food (a memorable experience!). The Peach Meet offers a very good southern buffet lunch, and everything runs smoothly due to the efforts of Steve Edwards and Doug Fowler and many friends who volunteer. It is a good time and place to meet and greet the snow birds who have gone south for the winter. They venture to GA for the show, the tools, the friends, the food and then back south for six more weeks of winter.

Carolyn List will be dearly missed at some of the tool shows we visited together.

The Ohio Tool show will be held in Columbus, OH on February 26th. We set up tools at 8:00AM and are usually lunching at Jason's Deli with many hungry friends at noon. This year we will return to the country club for a memorial service for Carolyn List at 2:00PM. We lost Carolyn on January 22nd. She bravely fought her recurring cancer and was determined to be at the Peach Meet…our Creator had other plans for her… we love you and miss you Carolyn.

These are some of our travel tips that so many of you have asked us to share. Our lives are planned around our tool show travels, and our grandchildren. It has worked for us and we have thoroughly enjoyed our travels, staying in comfortable motels/hotels, eating in exceptional restaurants, buying and selling tools, spending time and visiting with so many of our friends, and leaving our footprints in the snow…in the sand… and some leave footprints in our hearts.

Winter 2016 - 2017 CRAFTS Happenings

November Meeting Presentation

We kicked off the winter at our November meeting with beautiful weather and good tailgating sales. Our speaker was Walt Antonik who is a metal worker and machinist who gave a lively presentation. Walt, assisted by the power point presentation Bob Garay prepared, covered the techniques of bench hand work and machine tool operations; reviewing the many different hand tools and machines needed by the beginner and experienced metalworker. Information on tools, materials and procedures used in metalworking for repair and construction involving marking, forming, cutting, drilling, threading, filing and joining, and heat treating was explored. Walt was able to draw on his long experience as a Navy aircraft mechanic, and work at Bell Labs in their proto-type shop. He told about his early years working at Cameron Machine Co. as a builder of specialized large machinery. Walt was able to answer many of the members questions referring to the current work he does as owner of his own machine shop, welding and metalworking business. Many members have known Walt over the years as a tool dealer specializing in machinist tooling. He attends and sells at most of our meetings as well as at the picnic and auction. Walt can also be found setting up at Jack Town Tractor & Steam Engine Show a couple of times a year in Bangor PA. As an active dealer, Walt is always looking for purchases of metalworking tooling and machines. If you are looking for any of this type of tooling made or repaired or equipment purchases call or email Walt at - (973)222-8703 email - drwally1949@gmail.com

February Meeting Presentation

We all know we have had a very mild winter and our meeting on Super Bowl day was splendid. The warm weather allowed many members to set up tables for a lively tailgate session. At 1pm we kicked off our meeting presentation with long time member and master woodworker Dave Pollak. Dave has given presentations in the past and this time his topic was letter carving. Often many presenters cover a wide topic and can only touch lightly on the details, Dave set a focused topic so he could cover the details of carving letters for signs, plaques or other related carvings. Dave discussed the importance of sharp chisels and demonstrated his sharpening techniques. He discussed the various types of chisels needed for basic letter carving and their applications. He demonstrated both relief carving (raised letters) and incised letter carving and their techniques. In discussing the types of wood to carve, Dave likes Mahogany and a hardwood like walnut. Yet having clear grain is the most important consideration as changing grain patterns can make letter carving difficult. Dave demonstrated carving from the center of the letter outward not going to deep and working your way to the letters dimension line gradually. His years of experience carving made it look easy and I am sure many participants went home and tried his techniques to find that they need to start simple and gradually build up to the more complex designs. At least I figured this out. Thanks Dave.

Dave is co-owner of Woodmasters LLC in Randolph, NJ and can be reached thru their website - www.thewoodmasterswork.com

The Woodworking Show

This February some members of CRAFTS led by our president Ivan Raupp attended The Woodworking Show at the NJ Exhibit Center in Somerset, NJ to promote CRAFTS. They manned a booth for three days and met hundreds of woodworkers who were eager to learn more about CRAFTS. Ivan put on demonstrations making a handle for a goosewing axe from scratch. First riving a handle blank from a log using a froe. Then using his home built shaving horse to shape and fit the wood handle to the axe. While Stew May presented a small collection of his finest measuring folding rules. Other members also helped out to promote CRAFTS and answer attendees questions. Way to go guys.

CRAFTS AUCTION & TOOL EXTRAVGANZA

This years CRAFTS Auction is forming up to be the finest event we have had in many years. It is a show not to be missed. We will be offering over 500 lots with the finest sparklers sprinkled throughout the auction. This years auction has so many high end tools that they will be placed throughout the entire auction from lot one to the very end. So plan on staying for the whole auction as if you leave early you will surely miss some spectacular tools.

Look closely at this Tool Sheds feature article as this auction features Windsor Beaders types 1-4. See right.

The Hay Budden anvil is considered the Cadillac of anvils. We will be featuring a flawless Hay Budden with a uber - rare Hay Budden anvil stand. See right.

Above - Brass Signal Cannon & Cast Iron Carriage

Above - Sash Molding Plane by E.W. Carpenter

Below - Ultimatum Brace by Henry Pasley

Above - Rare & Unusual Brace by Horton Reg. 11/8/1850

WANT ADS

Help With Tool Collections - I can assist you with tool collection. Finding buyers for your tools. Call Bob Garay (973) 398-5875 or email- takeadip@optonline.net.

Authentic Tools for traditional trades – jane@shorthillstudio.com www.TimelessToolsandTreasures.com - 603-588-2603

Need Help disposing of your tools or home items? Entire or partial house clean-outs available. Call Steve Zluky at 908-534-2710.

JIMBODETOOLS.COM – The largest antique tool website on earth buying and selling fine antique tools. Call Jim at 518-537-8665 or email jim@jimbodetools.com.

The Tool Exchange –Australia's home of fine old tools for sale. Our website has over 18,000 photos of tools. We ship to over 30 countries. www.toolexchange.com.au

WV Tools: CRAFTS member and eBay seller concentrating on bitstock tools and more.

Check Out – Tom Lamond's yesteryearstools.com, an internet magazine on hand tools, their makers and their markings.

Wanted - Bell System tools and electrician's pliers. Ted Davidson 609-731-6915

Antique Tool Restoration - John Porritt, Spencertown, NY. 518-392-0603, email - PORRITT3@GMAIL.COM

Wanted - Carrying case for full size Buff & Buff transit. Larry Cohen—516-825-8689

Whitney House Antiques Tool Shop - Antique & user quality tools for sale - Lafayette Mill Antique Center, Lafayette, NJ - www.whitneyhousetoolshop.com

Wanted - The following Stanley rules in Very Good to Fine condition: Nos. 4, 14(6", 2f), 59, 70, 76, 77, 78.
Call Stew May 201-907-0823

For Sale - No. 2 Emmert Vise - very good cond. smaller size. $325. Joe Hauck 908-236-2072

For Sale - 13" South Bend Lathe, Rich - (973)361-3081

Presidents Message Continued -

Finally please consider our CRAFTS Apprenticeship Program. We are looking for a financially inclined person to apprentice with our Treasurer, Hank Allen. We are also looking for folks who would like to contribute articles to the "Tool Shed".
To all, "Happy Collecting"! Please let me know your thoughts and questions. See you at the auction!

Very best,
Ivan Raupp
President CRAFTS of NJ

The TOOL SHED

CRAFTS of New Jersey
15 N. River Styx Rd.
Hopatcong, NJ 07843

TOOL EVENTS

Mar. 11– Patina Dealer Sale & Annual Auction, Damascus (Maryland) Fire hall . Dave Murphy 703-819-6880.

Mar 17-18 - Donnelly Antique Tool Auction, Indianapolis, IN. www.mjdtools.com, 800-869-0695.

March 24-25 - 50th Brown Tool Sale & Auction – Camp Hill, PA - Jim Gehring, 800-248-8114 - www.finetoolj.com

Apr. 2 – Crafts of NJ Meeting, Masonic Lodge, High Bridge, NJ, Ivan Raupp, ivanraupp@aol.com

Apr. 8 – Crafts of NJ 2016 Annual Auction, Oldwick Fire House, Rt 523, Oldwick, NJ Steve Zluky 908-534 -2710.

Apr 28-29 - Donnelly Antique Tool Auction, Nashua, NH. www.mjdtools.com, 800-869-0695.

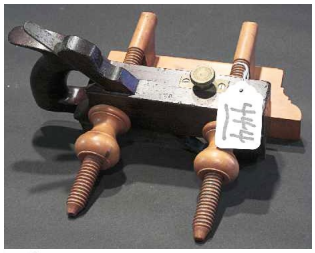
May 17-20 - EAIA annual meeting, Old Sturbridge Village, Sturbridge, MA. John Verrill, 410-749-1965 - EAIA1933@verizon.net

June 4 - Crafts of NJ Meeting, Masonic Lodge, High Bridge, NJ, Ivan Raupp, ivanraupp@aol.com

AUCTION SPARKLERS

Right - Stanley Victor block plane
Below - Erlandsen miter plane

Below - Jo Fuller crown molder



Left - rosewood & boxwood plow plane - A. Howland & Co

Above left - Pre lateral Stanley No. 2 plane
Above right - Steers patent block plane No. 20