

The Davistown Museum
 The Ancient Dominions of Maine: An Archaeology of Tools
 The Industrial Revolution (1865f.): Other Factory Made Tools

Status Location

Agricultural Implements

<p>32708T45 Bull nose puller</p> <p>Iron, 8 1/2" long, unsigned. Oxen guide; used to walk a bull with no ring in the nose. http://www.davistownmuseum.org/pics/32708t45.jpg</p>	DTM
<p>101701T5 Fence puller</p> <p>Steel and wood, 16 1/4" long, 4" wood handle located in the middle of the tool, unsigned. An excellent whatsit; to be included in The Davistown Museum's tool examination.</p>	DTM
<p>30911T11 Garden rake</p> <p>Hand-forged cast iron, 4" long handle attachment, 7" x 4" tines, unsigned. There are 4 tines. The handle attaching piece and two inner tines are forged to the body.</p>	DTM
<p>22411T11 Garden shears</p> <p>Machine forged steel, 8 1/2" long, 2" wide, signed "J. T. HENRY" "HAMDEN, CT." and "49". These feature a locking handle. DATM (1999) lists Henry's working dates as 1882 - 1894.</p>	DTM
<p>101400T9 Pig skinner</p> <p>Cast or forged steel and wood, 11 1/4" wide with a 9 5/8" diameter scoop, unsigned, c. 1860 - 80. The universal pig skinning jig.</p>	DTM
<p>TKD3001 Pitchfork</p> <p>Forged iron, 26" long, 4 7/8" wide, unsigned. European origin. http://www.davistownmuseum.org/bioLynch.htm</p>	DTM
<p>102800T6 Pruning shears</p> <p>Cast or drop forged steel, 10 1/2" long, 2 3/8" long cutters, signed "D. Bowers". No D. Bowers are listed in DATM (Nelson 1999).</p>	DTM
<p>31908T37 Sheep shears</p> <p>Steel, 13 5/8" long, 6 1/2" long blade, signed "BURGON & BALL" "PATENT" "NO" "294(2)" in a trademark, also "B.B" "ENGLAND". Burgon & Ball is still making manufacturing tools. They started in 1730 in Sheffield, England. http://www.davistownmuseum.org/pics/31908t37p1.jpg http://www.davistownmuseum.org/pics/31908t37p2.jpg</p>	DTM
<p>101701T4 Sheep shears</p> <p>Cast steel, 12 1/4" long, marked with an interesting cartouche illustrating the function of this tool: a farmer shearing a sheep with the mark "clipaway". This is probably a 20th century tool and is an excellent specimen for in class demonstration.</p>	DTM

Axes

<p>7409T1 Ax</p> <p>Steel and wood, 14" long, 6 1/2" wide head, 4 1/2" cutting edge, signed "AMERICANAX" "GLASSPORT". The American Axe & Tool Co. offices in Oakland, Maine, were discontinued on Oct. 15, 1890 and a new Glassport, PA, manufacturing campus was constructed. http://www.davistownmuseum.org/pics/7409t1.jpg http://www.davistownmuseum.org/publications/volume10.html</p>	DTM
<p>52603T24 Ax</p> <p>Steel and iron, 7 2/16" long, unsigned.</p>	DTM

		Status	Location
121600T1	Ax		DTM
<p>Drop forged steel, 6 3/4" long, 3 3/4" wide cutting edge, signed "J P Billings Clinton Me". A John P. Billings worked in Clinton from 1869 - 71. Other J. P. Billings worked in Saco as early as 1825 and Hallowell in 1841. No lap marks are visible on this ax between the steel blade and iron poll. It is accompanied by a framed advertisement from the Clinton Advertiser illustrating a small man cutting down a large tree. "I cannot tell a lie, father. I did it with one of Billing's Axes. All kinds of edge tools manufactured by J.P. Billings, Clinton, Me." A gift to the Museum from Rick Floyd, Newport, ME. The frame also contains an advertisement for "Chas. Jaquith general Blacksmith, Manufacturer of Axes and all kinds of edge tools." http://www.davistownmuseum.org/publications/volume10.html</p>			
92911T12	Broad ax		DTM
<p>Cast steel with wood handle, 33" long, 8" wide cutting edge, 6 1/2" long head, signed "PEAVEY" "BANGOR, ME". http://www.davistownmuseum.org/bioPeavey.htm</p>			
52907T3	Broad ax		DTM
<p>Cast steel, 23 3/4" long handle, 10" long head, 10 1/2" wide blade, 3 1/4" poll, signed "Wm Beatty & Son" "CAST STEEL" "___ESTER" and "MANESKOOTU". DATM (Nelson 1999) lists the numerous variations of the famous Beatty clan of edge toolmakers of Chester, Springfield, Pottstown, and Waterville, Pennsylvania as working from 1806 - 1899. A son of the original founder, also named William, probably made this ax. It is marked "MANESKOOTU" three times on its opposite side for the name of the island community where it was used and found in northwestern Massachusetts. It is a fine example of a large late 19th century welded cast steel broad ax with a significantly off-set (to the left) handle.</p>			
31811T13	Broad ax head		DTM
<p>Cast steel, 10 1/4" long, 7 1/4" wide, signed "J EMERY" and "C STEEL".</p>			
062207T3	Double bitted ax		DTM
<p>Drop-forged steel, 9 1/4" long, 3 7/8" wide blade, signed "The New Little Giant" "King Axe & Tool Co." and "Oakland Maine" on a paper label, on the tool "KATCO" and "3 1/4".</p>			
10407T6	Double-bitted ax		DTM
<p>Drop-forged steel and wood, 7 1/2" long, 3" wide blades, unsigned. An interesting ax made in one of America's hundreds of small ax factories in the late 19th century.</p>			
52707T1	Double-bitted ax		DTM
<p>Welded steel with ground and filed steeled edges, 35 1/2" long handle, 10 1/2" long and 3 11/16" wide head with a 5 1/2" curved cutting edge, signed "G53 D/W MS". A nice quality, late 19th century example of a heavy duty, double-bitted, felling ax.</p>			
091909T2	Felling ax		DTM
<p>Forge-welded steel and iron, wood, 32" long, 6 1/4" wide, 4" cutting edge, signed "DOUGLAS AXE MFG Co.", "CAST STEEL WARRANTED", and "MFD BY W. HUNT". http://www.davistownmuseum.org/pics/091909t2web2.jpg http://www.davistownmuseum.org/pics/091909t2web1.jpg</p>			
61204T16	Hatchet		DTM
<p>Cast steel and wood, 13 3/4" long including a 11 1/2" handle, 3 1/4" wide cutting edge, 1 3/16" poll, signed "FINDLAY AXE & TOOL CO." "FINDLAY O. U.S.A." "1". The Findlay Axe & Tool Co. is not listed in DATM (Nelson 1999). This is a rare mark not often found in New England tool chests. Jack Devitt author of "The Who, What, Where and When of Ohio Toolmakers and Their Tools" in 2000 states that "Findlay Axe and Tool Co. was in business in the late 1890s." The Grant Motor Company website indicates that "The Findlay Motor Car Co. produced passenger cars from 1910-13, in the old Findlay Axe and Tool plant at the foot of Santee Avenue." http://www.davistownmuseum.org/pics/61204T16.jpg</p>			
041505T26	Hatchet		DTM
<p>Drop forged steel and wood, 6 1/2" long, 3 5/8" cutting blade, 1 3/16" diameter poll head face, 13 3/8" long handle, signed "COLLINS & CO" HARTFORD "LEGITIMUS" with a crown hallmark on the head and a red paper label on the handle stating "COLLINS TOOLS". The Collins Co. was in Canton, later Collinsville, CT from 1826 - 1957. This circa 1950 edge tool is by one of America's most prolific and famous edge toolmakers. An excellent example of a modern all steel edge tool. http://www.davistownmuseum.org/pics/041505t26.jpg</p>			

		Status	Location
12900T7	Hewing ax		DTM
<p>Die cast and drop-forged steel, 11 5/8" long, 7 1/2" wide blade, obscured foreign maker's sign and touchmark, c. 1900 - 1910. An edge tool from the Pyrenees or Alps area of France or Spain that was brought to the US by Kenneth Lynch.</p> <p>http://www.davistownmuseum.org/pics/12900t7-1bw_web.jpg http://www.davistownmuseum.org/bioLynch.htm</p>			
82308T1	Ice ax		DTM
<p>Drop-forged malleable iron and steel, 13 1/2" long, 1 5/8" wide, signed "WM.T.WOOD". Liberty Tool Co. has recovered numerous ice axes with this marking. DATM (Nelson 1999) lists William T. Wood & Co. in Arlington, MA, from 1845 - 1905.</p> <p>http://www.davistownmuseum.org/bioWood.html</p>			
91303T11	Ice ax		DTM
<p>Cast steel with a wooden handle, 11 1/2" long, 2 1/4" wide blade, signed "Wm. T. Wood & Co". A typical ice ax with an atypical short handle. The Harvard Business School Baker Library has a catalog from this company circa 1895: Wm. T. Wood & Co. Manufacturers of ice tools, Arlington, Mass. DATM (Nelson 1999) lists the working dates of this company as 1845 - 1905. William bought the company from an uncle, Abner Wyman. In 1905, the company merged with the Gifford Brothers to become the Gifford-Wood Co. While the factory was located in Arlington, the offices were in Boston.</p> <p>http://www.davistownmuseum.org/pics/91303t11.jpg</p>			
12801T12	Offset hewing ax		DTM
<p>Forged iron and weld steel, 6 1/2" long, 5 5/8" wide cutting edge, no handle, signed "JOHN KING" "OAKLAND, ME.". A nice example of a welded steel ax, this is our first example of a John King ax with the imprint in the iron rather than on a paper label. King may have made axes as early as 1877. Follow the bio link to see the comments on John King and the John King Ax Co. in the Registry of Maine Toolmakers. This ax was located by Dana Phillippi of Liberty, Maine at a Burnham auction, October, 2001.</p> <p>http://www.davistownmuseum.org/pics/12801t12_p1.jpg http://www.davistownmuseum.org/publications/volume10.html</p>			
62207T4	Splitting ax		DTM
<p>6 13/16" long, 3 3/4" wide blade, unsigned.</p>			
Blacksmith and Farriers' Tools			
22411T4	Blacksmith tongs		DTM
<p>Hand-forged steel, 3 5/8" long, 1 1/8" wide, unsigned. These miniature tongs were possibly a salesmans' sample or a design model.</p>			
TJD1006	Blacksmiths' rasp		DTM
<p>Drop-forged iron, 15 11/16" long, 1 5/8" wide, signed "HELLER BROS NEWARK NJ" with its famous horse and farrier 4 touch mark. This tool is unusual because it shows little sign of wear. Heller Brothers was one of the great late 19th century tool manufacturing companies. Rather than being a blacksmith-made rasp, this tool is a product of the factory system that arose during and after the Civil War. DATM lists Heller as ca. 1870 f.</p> <p>http://www.davistownmuseum.org/bioHellerBros.html</p>			
50402T9	Blacksmiths' tap		DTM
<p>Cast steel?, 3 1/2" long, signed "J M KING" and "14". J. M. King is an early mark of J. M. King & Co., Waterford, NY (1887 - 1910), maker of dies, pliers, and taps (Nelson 1999, 151-2).</p>			
31611T6	Bolt header		DTM
<p>Wrought iron, 8 1/2" long, 1 1/8" wide, unsigned. Handmade.</p>			
31611T5	Bolt header		DTM
<p>Cast steel, 14 1/2" long, 3/8" x 1 3/16" working area, signed "C. J. Bradury". This is factory made; Bradury is probably an owner.</p>			
091611T2	Channel swaging hammer		DTM
<p>Cast steel with wood handle, 14" long handle, 5" x 1 1/8" head, signed "A. B. MORES & CO." "BOSTON" "HAWKINS PATTERN".</p>			

- 091611T1 **Channel swaging hammer** DTM
 Cast steel with wood handle, 19" long handle, 4 1/4" x 1 1/2" head, 3/8" diameter swage, signed "ATHA TOOL CO" "CAST STEEL" and "3/8".
<http://www.davistownmuseum.org/bioAtha.html>
- 81200T12 **Cross peen hammer** DTM MHC
 Drop forged steel, 5" long, 1 1/4" wide peen, 1 3/8" long head, unsigned.
 A typical late 19th century factory made blacksmiths' cross peen.
- 21201T4 **Farriers' hammer** DTM
 Cast steel with wood handle, 11 5/8" long, 9 5/8" handle, 4 3/8" wide, 5/8" octagonal face, signed "Atha Tool" with the distinctive horseshoe touchmark.
 DATM (Nelson 1999) indicates the famous and prolific Atha Tool Co. may have been producing tools as early as 1875 in Newark, NJ. Buying out many competing tool and hammer makers, they were purchased by the Stanley Rule & Level Co. in 1913, who retained their touchmark. "They were especially noted for farrier tools and also made mining tools." (DATM, 1999, pg. 39).
<http://www.davistownmuseum.org/bioStanley.htm>
- 52603T22 **Farriers' knife** DTM
 11" long, 5 3/4" long blade, signed "S. W. Helway".
- 81200T9 **Farriers' shoe hammer** DTM MH
 Drop forged steel, 5 3/8" long, signed "Champion Tool Co. Meadville PA", c. 1885.
- 071704T1 **Farriers' tool kit** DTM
 Wood, 20 3/4" long, 12 1/2" wide, unsigned.
 This wooden tool kit contains a selection of farriers' tools including: 3 rasps, tongs, 2 clinchers, pliers, 2 farrier's hammers, trimming tool, apron, and steel horseshoe nails.
- TJD1001 **Hammer** DTM
 Drop forged steel, 12 3/4" long, 7/32" square face, stamped "MADE IN USA" with "H" as a touchmark.
 An unusual blacksmiths' hammer; the stamped mark indicates it was made late in the 19th century.
- 31011T1 **Screw plate** DTM
 Cast steel, 6 1/4" long, 1 1/8" wide, signed "BLECKMANN" in a circle with two unidentifiable letters underneath it in script.
 This is a thread cutting adjustable die used by a blacksmith. DATM (Nelson 1999, 93) lists Bleckmann with no information on working dates or location.
- 31611T10 **Tongs** DTM
 Cast steel, 9" long, 1" nippers, unsigned.
 The head of the tongs is convex in shape for holding round stock. It has an unusual configuration with one handle bent and extending 6 inches at a right angle.
- 40408DTM3 **Zig-zag rule** DTM
 Stainless steel, wrapped in wax and paper, 36" long in 12" sections, 3/4" wide, signed "No. 753 GENERAL HDW. MFG. CO., INC. NEW YORK N.Y. U.S.A. STAINLESS" with graduations in 32nds, 16ths, and 8ths of an inch.
 DATM (Nelson 1999) lists 1887 as the working date of this company. The wrapper lists the following information: "STK. NO. 8560 41-R-2750" "NOMENCLATURE RULE" "QUANTITY ONE UNIT EA." "PROCESSED LKY AUG 54" "METHOD 1A-1 P9"
<http://www.davistownmuseum.org/pics/40408dtm3p1.jpg>
<http://www.davistownmuseum.org/pics/40408dtm3p5.jpg>

Blocks

- 62202T7 **V block** DTM
 Steel and brass, 1 1/2" long, 1" wide, unsigned.
 This is a fine example of the work of a tool and die maker who needed a tiny V block for work on miniatures. It was made by the machinist for a specific use.
<http://www.davistownmuseum.org/pics/62202t6.jpg>

Boring Tools

		Status	Location
22311T7	Archimedian hand drill	DTM	
<p>Steel, brass, and copper with a wooden handle, 13" long (extended), 8" long (closed), signed "Goodell Bro's Greenfield, Mass." "Patented, July 22, 1890. Nov. 17, 1891".</p> <p>The drill has a slot type screwdriver bit. The patent is online at: http://www.google.com/patents/about?id=JRBhAAAAEBAJ&dq=goodell+nov+17+1891. Part of the Robert Sullivan Collection donation.</p>			
914108T7	Auger	DTM	
<p>Steel, 7 1/2" long, signed "J. T. PUGH" and "PHILA PA".</p> <p>Job. T. Pugh worked in Philadelphia, PA, from 1876-1891 making flour testers, augers, bits, and other tools.</p>			
914108T3	Auger bit	DTM	
<p>Steel, 10" long, 7/8" diameter cutting size, signed "PETEROR" is the best guess, it is badly obscured. Information on this maker's mark is welcomed.</p>			
31908T38	Double twist auger bit	DTM	
<p>Steel, 15 1/4" long, signed "JAMES SWAN" "COOK" "PATENT" with the swan trademark and "16" on the bit point. http://www.davistownmuseum.org/pics/31908t38p1.jpg http://www.davistownmuseum.org/bioSwan.html</p>			
31908T32	Pot auger	DTM	
<p>Cast steel, 17 1/8" long, signed "MATHIGSON" with an M inside a circle. Scottish.</p>			
31908T36	Single twist augur bit	DTM	
<p>Steel, signed "THE JAMES SWAN CO" "SEYMOUR, CT. U.S.A." with swan trademark and "18" on the bit point. The James Swan Co.'s working dates were from 1877 to 1951. http://www.davistownmuseum.org/bioSwan.html</p>			

Cast Iron Tools and Artifacts

50402A1	Architectural ornament	DTM	
<p>Cast iron, 9 1/2" high, 7 1/4" wide, . A nice example of Victorian ironwork.</p>			
TGB2206	Pot	DTM	
<p>Cast iron, 3 1/4" high, 2 3/4" diameter, signed "PAT D APR 16 1872". The production of cast iron implements continued throughout the 19th century, characterized by an increase in quality, variety and durability as forging methods and alloys became more sophisticated.</p>			
TTCI3000	Screw jack	DTM	
<p>Cast iron, 3 1/2" high with a 1 1/2" diameter jack face and a 2" base, signed "C E HOBBS CO BOSTON" and "3/4 X 2". DATM (Nelson 1999, 387) lists C. E. Hobbs as an individual working in Barre, VT from 1887-1890, but no company in Boston with this name.</p>			

Cobblers' Tools

42405T10	Cobblers' hammer	DTM	
<p>Drop forged steel, 3 5/8" long, 1 1/8" diameter face, signed "USMC D". USMC stands for the United Shoe Manufacturing Co., Boston and Lynn, Massachusetts, 1873 - 1913. This is a typical generic late-19th century drop-forged cobblers' hammer.</p>			
22411T2	Cobblers' hammer	DTM	
<p>Drop-forged steel, 11 1/2" long, with a 3 1/4" long, 1 1/2" wide head, signed "S. W. CHRISTENSEN CO." "BROCKTON, MASS." "MADE IN" "U.S.A." and "2".</p>			
52602T5	Cobblers' pincers	DTM	
<p>1856, 7 3/4" long, signed "W + C. WYNNE 2 WARRATED STEEL HAMMERS". Pliers.</p>			

- | | Status | Location |
|---|--------|----------|
| 111206T4 Corn bung | | DTM |
| Malleable cast iron, 5/8" diameter corn bung, 16 5/8" coupling with a 1" diameter corn bung hole, signed "Lightning Fulton III, Pat. Oct. 12 87". | | |
| This is a tool that would be used to impress your shoe with an indentation to make the situating of your corns (on your foot) in your boot or shoe more comfortable. It is an excellent example of a drop-forged malleable iron or low carbon steel tool. | | |
| TJD1002 Hand punch | | DTM |
| Drop forged iron, 4 3/16" long, signed "EYELET TOOL BOSTON". | | |
| This factory made cobblers' tool is clearly signed. Even in the late 19th century, many shoes and boots were still made at the farm, for both home use or for wholesalers. | | |
| http://www.davistownmuseum.org/pics/tjd1002.jpg | | |
| 111001T34 Lace cutter | | DTM |
| Cast iron and steel, 2 1/4" long, unsigned. | | |
| This tool is identified as an Elliot Patent (May 3, 1880) lace cutter for cutting shoelaces in Sellen's "Dictionary of American Hand Tools", pg. 270. | | |
| http://www.davistownmuseum.org/pics/111001t34.jpg | | |
| 63001T10 Leather slitting cutters | | DTM |
| Cast steel, brass, and wood, 6" wide, 5 5/8" long pistol grip, signed "Osborne Co Newark NJ Est 1826 Pat Aug 13, 76 Reissued July 7, 1877". | | |
| A classic example of a factory-made tool from the heyday of the Industrial Revolution. By 1876, Davistown's cobblers were substituting quality factory-made tools for handmade tools. This tool was also used by harness makers to slice leather. | | |
| http://www.davistownmuseum.org/pics/63001t10.jpg | | |
| 102904T20 Leather slitting gauge (draw gauge) | | DTM |
| Steel, iron, brass, and rosewood, 5 7/8" long slitter with a 5" handle, signed "C. S. OSBORNE & CO" "NEWARK" " N.J." and owner's mark "I BOIS" and "36". | | |
| This is a nicely made cobblers' slitting gauge. C. S. Osborne & Co. started producing leatherworking tools in 1826 and still makes tools today (www.csosborne.com). This leather slitting tool is a generic form and would be found in every cobblers' toolbox. This tool has a rosewood handle and represents the deluxe version of this implement. It is used to cut reins and straps. | | |
| http://www.davistownmuseum.org/pics/102904t20_p1.jpg | | |
| 14302T18 Patterns (lot) | | DTM |
| Cast steel, various designs, 4" wide, 5 5/8" wide and 6 1/8" wide, marked only with size numeration. | | |
| Used to cut leather patterns for use by a harnessmaker or cobbler? | | |
| 31808SLP25 Shoemakers' hammer | | DTM |
| Drop-forged steel and wood, 8" long, 6 7/8" long handle, 3 1/2" long head, signed "STEEL" "DROP" "FORGED" "CHAMPION" and on the other side of the head "REX". | | |
| DATM (Nelson 1999) lists a number of companies named "Champion", several "Champion" marks on tools, and three "REX" marks. However, none of them specifically made cobblers' tools or hammers. | | |
| http://www.davistownmuseum.org/pics/31808slp25-3.jpg | | |
| http://www.davistownmuseum.org/pics/31808slp25-1.jpg | | |

Domestic Utensils

- | | | |
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| 121011T1 Candy roller | | DTM |
| Brass, cast iron, and rosewood, 11 1/2" x 6 3/4" base, 10" crank, 1/2" balls, signed "THE THREE MILLERS CO." "CONFECTIONERS SUPPLIES" and "7". | | |
| A Thomas Mills Drop Roller, patented 1871, also known as a fruit drop roller. This unusual tool is used for making candies. The crank turns the two cylinders like a wringer. It is missing one of the feed gates. On the gears there will be an arrow or dot to let you line up the two rollers to mach exactly. They were machined at the same time, so they only really match at one point. Use this link for a description of how it works. http://www.akirarabelais.com/v/witchbefooled/candy/make.html (The Candy Maker's Guide 1896, pg. 11). The Three Millers company is listed in Boston, MA, business directories as early as 1890 and as late as 1914 as a purveyor of flavor extracts and confectioner's supplies. Ernest L. Miller was the owner in 1911. Thank you to Greg at www.LoftyPursuits.com for some of the above information. Go to his website to order candies made with similar machines. | | |
| http://www.davistownmuseum.org/pics/121011t1-web1.jpg | | |
| http://www.davistownmuseum.org/pics/121011t1-web5.jpg | | |

32708T50 Crimping/pinking machine

Status Location
DTM

Metal, 5" long handle, 5" at the widest point, 6 1/4" high, signed "MFD BY" "SOUTH" "RICHLAND" "MACHINE CO" "PULASKI NY" and on the other side "CLEAN CUT".

<http://www.davistownmuseum.org/pics/32708t50-3.jpg>

<http://www.davistownmuseum.org/pics/32708t50-1.jpg>

92911T13 Mortar and pestle

DTM TT

Wood, wrought iron, and leather, 9" tall, 6" diameter mortar; 14" long, 1 3/4" diameter tapering pestle, unsigned.

The mortar is made from a log that was hollowed out and has a blackened bottom to seal the end grain. There is a hand-forged iron ring on the bottom of the mortar. The mortar has a leather handle. The pestle is wooden with a leather braid fastened about 1/4 of the way up from the working end. This might have had a maritime use for mixing caulking.

32708T66 Mouse trap

DTM

Wood and metal, 3" wide, 2 3/8" long, 1 1/8" high, signed "SOURICIERE A TROUS" REFLEX" "-RESSORTS ACIEL-" and on bottom "galeries Lafeyetto" plus a vertical "ABRICATIO" and "FRANCAIS".

A guillotine style mouse trap, made in France.

<http://www.davistownmuseum.org/pics/32708t66-1FrenchGuillotineMouseTrap.jpg>

<http://www.davistownmuseum.org/pics/32708t66-2.jpg>

102904T19 Teapot

DTM

Cast iron, 3" diameter, signed but the mark is obscured.

A gorgeous example of the age of malleable cast iron.

http://www.davistownmuseum.org/pics/102904t19_p1.jpg

Edge Tools - American Made Cast Steel

32808DTM2 Beveled Socketed Firmer Chisel

DTM

Cast steel, 11" long, 5/8" wide, signed "JAS SWAN CO. U.S.A.".

<http://www.davistownmuseum.org/bioSwan.html>

32808DTM10 Beveled Socketed Timber Framing Chisel

DTM

Cast steel, 7 7/8" long, 1 1/2" wide, signed "THE JAMES SWAN CO. SEYMOUR, CONN., U.S.A." with a swan touchmark.

<http://www.davistownmuseum.org/bioSwan.html>

32808DTM5 Box of six outside bevel socketed firmer gouge chisels

DTM

Cast steel and wood, 13 1/2" long, 1/4" wide, signed "THE JAMES SWAN CO" on the chisels.

The chisels are fitted loosely with wooden handles. A blue label on the cardboard box reads: "1-2 Doz. SWAN'S No. 1230 OUTSIDE BEVEL SOCKET FIRMER GOUGES WITH LEATHER TIPPED HANDLES MANUFACTURED BY The James Swan Company, Seymour, Conn., U.S.A."

<http://www.davistownmuseum.org/pics/32308dtm5p3.jpg>

<http://www.davistownmuseum.org/bioSwan.html>

101909T3 Box of six ship auger drill bits

DTM

Cast steel and cardboard box, 7 3/4" long, 7/16" diameter bits, signed "THE JAMES SWAN Co." and "SEYMOUR, CONN. U.S.A." with their trademark on the bits.

The box is also marked "7/16 1-2 Doz. No. 40 Auger Bits The James Swan Co. Seymour, Conn."

<http://www.davistownmuseum.org/bioSwan.html>

40408DTM9 Box of six ship auger drill bits

DTM

Cast steel with wooden box, 8 5/8" long, 7/16" diameter bits, signed "THE JAMES SWAN Co. JENNINGS PATTERN" on the bits.

The wooden dovetailed box reads on a blue paper label: "1-2 Doz. No. 80. SUPERIOR CAST STEEL BITS JENNINGS' PATTERN Manufactured by THE JAMES SWAN COMPANY, Seymour, Conn., U.S.A."

<http://www.davistownmuseum.org/pics/40408dtm9p1.jpg>

<http://www.davistownmuseum.org/bioSwan.html>

40408DTM10 Box of six ship auger drill bits

DTM

Cast steel with wooden box, 7 3/4" long, 5/16" diameter bits, signed "THE JAMES SWAN Co." and "SEYMOUR, CONN. U.S.A." with their trademark on the bits.

The wooden dovetailed box reads on a red paper label: "1-2 Doz. No. 30. 2 1/2-8 SWAN'S SHIP AUGER BITS (Finest Hammered Steel.) With Screw. Manufactured by THE JAMES SWAN COMPANY, Seymour, Conn., U.S.A."

<http://www.davistownmuseum.org/pics/40408dtm10p1.jpg>
<http://www.davistownmuseum.org/bioSwan.html>

40408DTM11 Box of six ship auger drill bits

DTM

Cast steel with wooden box, 9 1/4" long, 11/16" diameter bits, signed "THE JAMES SWAN Co. SEYMOUR CT" on the bits.

The wooden dovetailed box reads on a red paper label: "1-2 Doz. No. 80. SUPERIOR CAST STEEL BITS JENNINGS' PATTERN Manufactured by THE JAMES SWAN COMPANY, Seymour, Conn., U.S.A."

<http://www.davistownmuseum.org/pics/40408dtm11p1.jpg>
<http://www.davistownmuseum.org/bioSwan.html>

40408DTM6 Box of six ship auger drill bits

DTM

Cast steel with cardboard box, 9 " long, 15/16" diameter bits, signed "THE JAMES SWAN Co." AND "SEYMOUR CONN USA" with their trademark on the bits.

The wooden dovetailed box reads on a blue paper label: "1-2 Doz. No. 30 7 1/2 - 8 SWAN'S SHIP AUGER BITS (FINEST HAMMERED STEEL) WITH SCREW Manufactured by THE JAMES SWAN CO. Seymour, Conn., U.S.A."

<http://www.davistownmuseum.org/pics/40408dtm6p1.jpg>
<http://www.davistownmuseum.org/bioSwan.html>

40408DTM8 Box of six ship auger drill bits

DTM

Cast steel with cardboard box, 9 1/8" long, 5/8" diameter bits, signed "THE JAMES SWAN Co." AND "SEYMOUR CONN USA" with their trademark on the bits.

The wooden dovetailed box reads on a red paper label: "1-2 Doz. No. 30 5-8 SWAN'S SHIP AUGER BITS (FINEST HAMMERED STEEL) WITH SCREW Manufactured by THE JAMES SWAN CO. Seymour, Conn., U.S.A."

<http://www.davistownmuseum.org/pics/40408dtm8p1.jpg>
<http://www.davistownmuseum.org/bioSwan.html>

40408DTM7 Box of six ship auger drill bits

DTM

Cast steel with wooden box, 8" long, 1/2" diameter bits, signed "THE JAMES SWAN Co. SEYMOUR CT" on the bits.

The wooden dovetailed box reads on a RED paper label: "1-2 Doz. No. 30 4-8 SWAN'S SHIP AUGER BITS. (FINEST HAMMERED STEEL) Manufactured by THE JAMES SWAN CO."

<http://www.davistownmuseum.org/pics/40408dtm7p1.jpg>
<http://www.davistownmuseum.org/bioSwan.html>

101909T2 Box of ten ship auger drill bits

DTM

Cast steel, 7 3/4" long, 1/2" diameter bits, signed "MADE IN GERMANY" on the base and "Jrwin - Schlagenbohrer 10 Stck. M 328 8/16" on the box.

The mark on the bits is identical to the mark on some bits in this collection that are also marked with the James Swan logo.

<http://www.davistownmuseum.org/bioSwan.html>

31011T5 Box scraper

DTM

Cast steel with wood grip, 10 1/2" long, 5" wide, 3" high, 5" blade, unsigned.

It has an adjustable blade.

81602T18 Box scraper

DTM

Cast iron with steel blades and brass adjustment nut, 9 7/8" long, 3" wide, 2 1/2" wide blades, signed on nut "Holmes PATENT May 6 1868".

Many Holmes are listed in DATM (Nelson 1999) but none with this patent date or listed as making box scrapers. This is an early form of this tool. It could be Elijah Holmes of Lynn, MA (see pg. 392).

52603T26 Brick chisel

DTM

11 3/16" long, 3" head, signed "C. S. OSBORNE & CO".

<http://www.davistownmuseum.org/bioOsborne.html>

31908T28 Carving chisel

DTM

Steel, brass trim, and wood, signed "C. MAIERS" and two stars.

DATM (Nelson 1999, 504) lists C. Maiers as making chisels with no date or location.

- 041709T2 **Chisel** DTM MH
 Steel, 12 1/4" long, 1 3/4" wide, 1/4" thick, signed "THE JAMES SWAN CO" "SEYMOUR, CT. U.S.A." "DOUGLASS MFG. Co", 1859 - 1877.
 This chisel is double marked with both Charles Douglass and James Swan's marks. Douglass was operating in Seymour from 1859 to 1877 when Swan bought him out.
<http://www.davistownmuseum.org/bio#bioSwan.html>
- 31811T29 **Chisel** DTM
 Cast steel, 14 1/2" long, 7" long and 1" wide blade, signed "UNDERHILL" "BROWN" "LEIGHTON" "CAST STEEL".
 DATM (Nelson 1999) indicates that "Nathaniel and/or John Sleeper Brown were probably part of this partnership which preceded Underhill & Brown in Auburn and Underhill & Leighton in Manchester. The Leighton was William W." The working date was 1849 in Auburn, NH.
<http://www.davistownmuseum.org/bioUnderhillandbrown.html>
- 041709T3 **Chisel** DTM MH
 Steel, 13 1/4" long, 2" wide, 5/16" thick, signed "THE JAMES SWAN CO" "SEYMOUR, CT. U.S.A." "DOUGLASS MFG. Co", 1859 - 1877.
 This chisel is double marked with both Charles Douglass and James Swan's marks. Douglass was operating in Seymour from 1859 to 1877 when Swan bought him out.
<http://www.davistownmuseum.org/bio#bioSwan.html>
- 93011T17 **Chisel** DTM TT
 Cast steel and broken wooden handle, 7" long, 1/4" wide, signed "RUBBARD Y___".
 It is used for working with wood. Could this be Hubbard Hardware Company of Middletown CT, which used the mark "HUBBARD H. W. CO." and made chisels?
- 30911T8 **Chisel** DTM
 Cast steel with wood handle, 13" long, 7/8" wide, 6" long blade, signed "CHARLES BJ_K" "CAST" "STEEL".
- 52603T14 **Chisel** DTM
 Tool steel, signed "TOOL STEEL" "MADE IN USA" "HARDENED AND GROUND".
- 31811T31 **Chisel** DTM
 Cast steel, 9 1/2" long, 1 1/2" wide, signed "BY" " _____ HARDWARE CO" and " ____ CONN".
 The marks are very worn and difficult to read. This chisel is broken. It has been saved as an example of steel porosity.
- 33002T14 **Chisel** DTM
 Hardened tool steel with wood handle, 7 3/4" long, 3 3/4" handle, 15/16" wide blade, marked "Hardened tool steel _____ MADE IN USA", c. 1900?.
 A generic early 20th century tool.
- 93011T7 **Chisel** DTM TT
 Cast steel and wood, 15 1/2" long, 1 1/2" wide, signed "UNDERHILL" "EDGE TOOL CO" "WARRENTED" "CAST-STEEL".
 Used for woodworking.
<http://www.davistownmuseum.org/bio#bioUnderhill.html>
- 31811T17 **Chisel** DTM
 Cast steel, 12 1/12" long, 3/4" wide, signed "J. BOWLIN" "CAST STEEL".
 No handle
- 111001T26A **Cold chisel** DTM
 Steel, 5 1/2" long, 7/16" blade, signed "Stanley Atha 16(?) 3-8 Made in USA".
<http://www.davistownmuseum.org/bioStanley.htm>
- 93011T8 **Cold chisel** DTM TT
 Cast steel, 18" long, 2" wide, signed "ATHA" "1470" and with a horseshoe enclosing an A.
<http://www.davistownmuseum.org/bioAtha.html>

31808SLP16 Corner chisel

DTM

11 1/4" long, 1 1/4" wide blade, signed "WITHERBY".

<http://www.davistownmuseum.org/pics/31808slp16-3.jpg>

<http://www.davistownmuseum.org/bioWitherby.html>

31808SLP15 Currier shave

DTM

Steel and wood, 15 1/2" long, 13" curved blade, unsigned.

<http://www.davistownmuseum.org/pics/31808slp15-1.jpg>

<http://www.davistownmuseum.org/pics/31808slp15-2.jpg>

22311T16 Drawknife

DTM

Steel with a wood handle, 12" long, 6" long blade, unsigned.

This drawknife is factory made. Part of the Robert Sullivan Collection donation.

31811T2 Drawknife

DTM

Cast steel, 19" long, 4 3/4" wide, 12" long by 1 5/8" wide blade, signed "B GORDON".

B. Gordon looks like an owner's stamp. The wooden handles are missing.

TTDA3000 Drawknife

DTM

Cast steel and wood, 18" long with a 12 1/2" blade, signed "TINKHAM & CUMMINGS WARRANTED CAST STEEL" with a very unusual eagle and flag touchmark.

<http://www.davistownmuseum.org/pics/TTDA3000.jpg>

<http://www.davistownmuseum.org/bioTinkham.htm>

22411T15 Drawknife

DTM

Cast steel, steel ferrules, and wooden handles, 12" long, 6" wide, 6" blade, signed "HART M___".

Some of the signature is obscured. DATM (Nelson 1999) lists a Hart Mfg. Co. as a maker of drawknives but has no other information on it.

22411T5 Drawknife

DTM

Cast steel with wooden handles, 17" long, 6 1/2" wide, 11" long blade, unsigned.

This drawknife has a slightly concave blade

31808SLP17 Drawshave

DTM

Steel and wood painted black, 9 3/4" long, 4" long blade, signed "C. E. JENNINGS" "MADE IN USA" with a "J" in a triangle.

Charles E. Jennings is believed to have possibly worked under his own name for a few years before adding "& Co." in 1878. The company headquarters was located in New York City (DATM 1999).

<http://www.davistownmuseum.org/pics/31808slp17-1.jpg>

<http://www.davistownmuseum.org/bioJennings.html>

31808SLP6 Drawshave

DTM

Steel and wood, 15 1/4" long, 10" long blade, signed "WITHERBY" and "10".

<http://www.davistownmuseum.org/pics/31808slp6-2.jpg>

<http://www.davistownmuseum.org/bioWitherby.html>

51606T3 Framing chisel

DTM

Fully martinitized cast steel, 16 1/4" long including a 4 1/2" handle, 1 3/8" wide, signed HART MFG CO..

Three Hart Mfg. Companies are listed in DATM (Nelson 1999); the only edge toolmaker (drawknives) is listed without a known location. More information on this maker is sought.

http://www.davistownmuseum.org/pics/51606t3_p1.jpg

- 51606T4 **Framing chisel** DTM
 Fully martinitized cast steel, 16 3/8" long with a 4" wooden handle, 1 3/4" wide, signed "BIGELOW & DOWSE" "BOSTON". Clarence Blanchard of the Fine Tool Journal thinks this mark is that of a hardware store in which case this tool would have been made by a New England edge toolmaker (e.g. Underhill or Witherby) and then sold to this hardware company for resale. A poster for Worth Tools was for sale on eBay that came in an envelope marked Bigelow & Dowse Company, Boston & Springfield Mass. The company published a hardware catalog in 1906 and is referenced importing nails in 1896. The book "Geneology of the Bigelow Family" lists Samuel A. Bigelow (b. 1838) as a senior member of the firm Bigelow & Dowse. This company also sold bicycles. DATM (Nelson 1999, 503) reports that Bigelow & Dowse marked metal planes with the brand name "Worth" circa 1925-45. More information on this company and touchmark is solicited.
http://www.davistownmuseum.org/pics/51606t4_p3.jpg
http://www.davistownmuseum.org/pics/51606t4_p4.jpg
- 42904T1 **Framing chisel** DTM
 Cast steel and iron ferrule, 12 1/8" long, 2" wide, 4 1/2" long handle, signed "T. H. WITHERBY".
<http://www.davistownmuseum.org/bioWitherby.html>
- 93011T13 **Gouge** DTM
 Cast steel and wood, 14" long, 1 1/2" wide, signed "BUCK BROS" "CAST" and owner's mark "EWEK".
<http://www.davistownmuseum.org/bioBuckBrothers.html>
- 31311T6 **Gouge** DTM
 Cast steel with wood handle, 8" long, 5" long blade, 1 1/8" wide, signed "GORFIELD" "CAST STEEL".
- 93011T14 **Gouge** DTM
 Cast steel and wooden handle, signed "HIBARD SPENCER" "& CO WINOOKS". The last part of the signature (WINOOKS) is difficult to read. In 1865 - 1871 there was a hardware company called Hibbard, Spencer & Co. at 92-94 Michigan Ave. in Chicago. After the Chicago fire it relocated and in 1882 became HSB (Hibbard, Spencer, Bartlett & Co.) (<http://www.thckk.org/history/hsb.pdf>)
- 31311T12 **Gouge** DTM
 Cast steel, steel ferrules, and wood handle, 17" long, 11" long blade, 1" wide, unsigned.
- 42904T2 **Gouge** DTM
 Cast steel, brass ferrule, wooden handle, 5 3/4" long with additional 5 7/8" handle, 1" wide, signed "BUCK BROS" "CAST STEEL" with a buck touchmark.
<http://www.davistownmuseum.org/bioBuckBrothers.html>
- 3091112 **Hatchet** DTM
 Cast steel with wood handle, 12" long, 5 1/4" long x 2 1/4" wide x 1" thick blade, unsigned. This hatchet was used in a trade, perhaps by a plasterer.
- 31908T27 **Hatchet** DTM
 German steel(?), 5 7/8" long, 3 3/4" long blade, signed "JOHN RILEY & SONS" "1186" and an obscured mark beginning with S and ending with D. This company used the brand name "TRINAX" and made hatchets.
- 31311T3 **Hatchet** DTM
 Cast steel, 3 1/2" long, 2 1/2" wide head, unsigned. This hatchet has a broad-shaped head and might have been used for shingling as it has a nail puller notch.
- 32708T61 **Hatchet head** DTM
 Metal, 3 1/2" long, 2 1/4" wide, unsigned.
<http://www.davistownmuseum.org/pics/32708t61.jpg>
- 4105T5 **Hatchet or belt ax** DTM
 Cast steel (?) and wood, 12 1/2" long including an 11" long handle, 2 1/4" wide cutting edge, signed "L. A. SAYRE & Co. Newark". This mark does not appear frequently in New England but DATM (Nelson 1999) records Sayre as working from around 1884 and into the early 20th century, making a wide variety of hand tools.
<http://www.davistownmuseum.org/pics/4105t5.jpg>

52907T1 Ice ax

DTM

Iron and weld steel, 13 1/4" long, 1 3/4" wide cutting edge, signed WM T. WOOD & CO..

DATM (Nelson 1999) lists William T. Wood & Co. in Arlington, MA, from 1845 - 1905. The text "Town of Arlington, Past and Present" by Charles Symme Parker notes that William T. Wood came there about 1841 and started working with Abner Wyman making and repairing ice tools. He purchased the business in 1845 and ran it by himself until partnering with his brother Cyrus in 1858. He died in 1871. His son, William E. Wood took over retaining the name of William T. Wood & Co. In 1905 the company was consolidated with Gifford Brothers of Hudson, NY as Gifford-Wood Co.

<http://www.davistownmuseum.org/bioWood.html>

43006T9 Lathing hatchet

DTM

Cast steel and wood, 13" long, 2 1/4" wide blade, 1" diameter poll, signed "C. A. Williams & Co.".

C. A. Williams worked in Skowhegan, Maine, ca. 1860 - 1870. This is the second Williams tool to enter the museum collection. Is this English or American cast steel?

http://www.davistownmuseum.org/pics/43006t9_p2.jpg

<http://www.davistownmuseum.org/publications/volume10.html>

31808SLP26 Nail puller

DTM

Forged steel, 6 3/4" long, signed "THE BRIDGEPORT HDWE MFG. CORP" "MADE IN U.S.A" and on the other side "BABY TERRIER" "WARRANTED FORGED STEEL".

DATM (Nelson 1999) states that this company was located in Bridgeport, CT. Baby Terrier was one of their brand names.

<http://www.davistownmuseum.org/pics/31808slp26-1.jpg>

<http://www.davistownmuseum.org/pics/31808slp26-2.jpg>

93011T12 Nippers

DTM

Cast steel, 10 3/4" long, signed "N. S. NENBOOES" "SHEFFIELD".

The signature is difficult to read.

31311T8 Packing hatchet

DTM

Cast steel, 11" long, 5" x 3" head, signed "F".

This hatchet is used to assemble wood boxes or crates.

30311T4 Shingling hatchet

DTM

Cast steel, 7" long, 2 1/2" wide blade, unsigned.

31808SLP1 Slick

DTM

Steel and maple, 29" long, 16 5/8" long handle, 3" wide blade, signed "ROCKFORD" "GREENE" "ILLINOIS" "MADE IN USA" and on handle "FM".

<http://www.davistownmuseum.org/pics/31808slp1-2.jpg>

<http://www.davistownmuseum.org/pics/31808slp1-3.jpg>

52907T2 Slick

DTM

Welded cast steel, 21 1/2" long including a 12 1/2" handle, 3 1/2" wide, signed "DOUGLASS Mfg Co" and owner's initials "S.H.W.".

This slick has a clearly defined steel-iron interface on the bottom. DATM (Nelson 1999) lists Douglass Mfg. Co. in Seymour, CT from 1856-1894. The name is sometimes spelled with one "s". There also is a Douglas Axe Co. in East Douglas, MA. DATM does not describe a clear relationship between the two companies, but the Douglass Mfg. Co. was owned by a number of famed toolmakers, including F. L. Ames (c. 1873), Thomas Douglass and Richard Bruff (c. 1873), Russell Erwin (1874-77) and James Swan. Swan changed the name to Swan sometime after 1877 but was still marking tools Douglass Mfg. Co. as late as 1894. James Swan is the famous Seymour, CT edge toolmaker, 1817 - 1951. This is an excellent example of a fine shipwrights' slick, probably made around 1880.

<http://www.davistownmuseum.org/bioSwan.html>

31808SLP8 Sliding T bevel

DTM

Steel, brass, and rosewood, 10 1/4" long blade, 6" long handle, signed "J G NICHOLAS".

<http://www.davistownmuseum.org/pics/31808slp8-2.jpg>

<http://www.davistownmuseum.org/pics/31808slp8-1.jpg>

71401T20 Socket chisel

DTM

Cast steel, wood and brass, 8 3/4" long, 9 1/2" blade, signed "Charles Buck".

An excellent example of the craft of one of New England's foremost edge tool makers.

<http://www.davistownmuseum.org/bioBuckBrothers.html>

62202T4 Socket chisel

DTM

Cast steel with wooden handle, 13" long including a 4 5/8" long handle, signed "Bailey" and "SAG HARBOR TOOL CO". DATM (Nelson 1999) notes W. C. Bailey as manufacturing chisels and drawknives in Sag Harbor, NY, c. 1896. See the other listing of a Bailey socket chisel for more information.

http://www.davistownmuseum.org/pics/62202t4_p1.jpg
http://www.davistownmuseum.org/pics/62202t4_p2.jpg

030910T1 Socket chisel

DTM

Welded cast steel on drop-forged steel, 11" long, 1 1/2" wide, signed "W. C. BAILEY" and "SAG HARBOR TOOL Co.". The book "Sag Harbor - The Story of an American Beauty" by Dorothy Ingersoll Zaykowski states "In the Spring of 1892 Mr. Bailey of Southington, Connecticut showed an interest in starting a cut tool factory in Sag Harbor. He met with village officials and proposed to subscribe \$1000 and run the business for three years, asking no profit until the 8% per annum was paid to the stockholders. Bailey was notified that his offer was acceptable. Additional capital of \$17,000 had to be raised and the enthusiasm was so great that within two weeks half of the money had been collected. By-laws were adopted and officers elected: George C. Gibbs, President; George C. Raymond, vice-president, George Kiernan, secretary and treasurer; and C.A. Parsons, J.M. Hildreth, B. Lyon and Charles Watson Payne, directors. The first floor of the old mill property was rented for five years at \$500 per year. For the first four years the tool company grew and prospered. An order for 700 dozen chisels from a Philadelphia company was filled. The company prided itself on being the only tool factory that stayed in operation during the hard times of 1895. Unfortunately the situation was not to last, for in July 1896 the factory closed its doors and remained shut until May 1897 when Superintendent Bailey bought all the stock of the company and completed manufacturing tools that had been left unfinished when the plant closed." This is the museum's second chisel with this mark.

<http://www.davistownmuseum.org/pics/030910t1web4.jpg>
<http://www.davistownmuseum.org/pics/030910t1web3.jpg>

32808DTM21 Socketed firmer chisel

DTM

Cast steel, 9" long, 5/8" wide, signed "THE JAMES SWAN Co." and "SEYMOUR CONN. U.S.A." with their trademark.

<http://www.davistownmuseum.org/bioSwan.html>

40408DTM5 Socketed framing chisel

DTM

Cast steel, 10" long, 1 3/4" wide, signed "THE JAMES SWAN CO. SEYMOUR, CONN. U.S.A.".

<http://www.davistownmuseum.org/pics/40408dtm5p1.jpg>
<http://www.davistownmuseum.org/bioSwan.html>

40408DTM1 Socketed inside bevel gouge chisel

DTM

Cast steel, 9 5/8" long, 1 1/2" wide, signed "JAS. SWAN CO. U.S.A.".

<http://www.davistownmuseum.org/pics/40408dtm1p3.jpg>
<http://www.davistownmuseum.org/bioSwan.html>

40408DTM2 Socketed inside bevel gouge chisel

DTM

Cast steel, 9 1/4" long, 1 1/4" wide, signed "JAS. SWAN CO. U.S.A.".

<http://www.davistownmuseum.org/pics/40408dtm2p1.jpg>
<http://www.davistownmuseum.org/bioSwan.html>

101909T1 Socketed paring chisel

DTM

Cast steel, 11" long, 5/8" wide, signed "THE JAMES SWAN CO".

<http://www.davistownmuseum.org/bioSwan.html>

52603T20 Stone chisel

DTM

7 3/4" long, signed "AMIESON".

41308DTM3 Tanged firmer chisel

DTM

Cast steel, 8 7/8" long, 3/8" wide, signed "THE JAMES SWAN CO USA".

<http://www.davistownmuseum.org/bioSwan.html>

32808DTM15 Tanged gouge

DTM

Cast steel, 9 7/8" long, 3/4" wide, signed "JAS. SWAN Co. U.S.A.".

<http://www.davistownmuseum.org/bioSwan.html>

32808DTM22 Tanged gouge

DTM

Cast steel, 10" long, 1/4" wide, signed "THE JAMES SWAN Co.".

<http://www.davistownmuseum.org/bioSwan.html>

<p>32808DTM16 Tanged gouge Cast steel, 9 1/8" long, 9/16" wide, signed "JAS. SWAN Co. U.S.A.". http://www.davistownmuseum.org/bioSwan.html</p>	DTM
<p>32808DTM13 Tanged inside bevel edge gouge chisel Cast steel, 9 1/4" long, 1 1/2" wide, signed "THE JAMES SWAN CO. U.S.A.". http://www.davistownmuseum.org/bioSwan.html</p>	DTM
<p>32808DTM1 Tanged Inside Bevel Edge Gouge Chisel Cast steel, 9 1/2" long, 1 1/4" wide, signed "THE JAMES SWAN CO.". http://www.davistownmuseum.org/bioSwan.html</p>	DTM
<p>41308DTM4 Tanged mortise chisel Cast steel, 7 1/2" long, 1/8" wide, signed "THE JAMES SWAN Co." and "SEYMOUR CONN. U.S.A." with their trademark. http://www.davistownmuseum.org/bioSwan.html</p>	DTM
<p>41308DTM2 Tanged mortise chisel Cast steel, 9 1/2" long, 1/8" wide, signed "THE JAMES SWAN CO.". http://www.davistownmuseum.org/bioSwan.html</p>	DTM
<p>32808DTM12 Tanged mortise chisel Cast steel, 9 3/4" long, 1/8" wide, signed "THE JAMES SWAN Co." and "WARRANTED" with their trademark. http://www.davistownmuseum.org/bioSwan.html</p>	DTM
<p>32808DTM14 Tanged Outside Bevel Curve Edge Gouge Chisel Cast steel, 11" long, 1 3/8" wide, signed "THE JAS. SWAN CO. U.S.A.". http://www.davistownmuseum.org/bioSwan.html</p>	DTM
<p>40408DTM12 Tanged outside bevel edge slick chisel Cast steel, 8 1/4" long, 1" wide, signed "THE JAMES SWAN CO. U.S.A.". http://www.davistownmuseum.org/pics/40408dtm12p2.jpg http://www.davistownmuseum.org/bioSwan.html</p>	DTM
<p>32808DTM19 Tanged outside bevel edge slick chisel Cast steel, 7 1/2" long, 3/4" wide, signed "THE JAMES SWAN CO. U.S.A.". http://www.davistownmuseum.org/bioSwan.html</p>	DTM
<p>41308DTM1 Tanged paring chisel Cast steel, 7 " long, 7/16" wide, signed "THE JAMES SWAN Co." and "BEST TOOL STEEL" with their trademark. http://www.davistownmuseum.org/bioSwan.html</p>	DTM
<p>41308DTM5 Tanged paring chisel Cast steel, 7 1/4" long, 7/16" wide, signed "THE JAMES SWAN Co." and "BEST TOOL STEEL" with their trademark. http://www.davistownmuseum.org/bioSwan.html</p>	DTM
<p>32808DTM18 Tanged paring chisel Cast steel, 7 3/4" long, 1/2" wide, signed "THE JAMES SWAN Co." and "SEYMOUR CONN. U.S.A." with their trademark. http://www.davistownmuseum.org/bioSwan.html</p>	DTM
<p>41308DTM7 Tanged paring chisel Cast steel, 7 1/2" long, 3/8" wide, signed "THE JAMES SWAN Co." and "SEYMOUR CONN. U.S.A." with their trademark. http://www.davistownmuseum.org/bioSwan.html</p>	DTM
<p>32808DTM7 Tanged skewed turning chisel Cast steel, 10 3/4" long, 3/4" wide, signed "THE JAMES SWAN Co." and "SEYMOUR CONN. U.S.A." with their trademark. http://www.davistownmuseum.org/bioSwan.html</p>	DTM

32808DTM8 Tanged skewed turning chisel DTM
 Cast steel, 9 1/2" long, 1 1/16" wide, signed "THE JAMES SWAN Co." and "SEYMOUR CONN. U.S.A." with their trademark.
<http://www.davistownmuseum.org/bioSwan.html>

41308DTM6 Tanged slick chisel DTM
 Cast steel, 7 1/4" long, 1/2" wide, signed "THE JAMES SWAN Co." and "SEYMOUR CONN. U.S.A." with their trademark.
<http://www.davistownmuseum.org/bioSwan.html>

32808DTM3 Tanged Timber Framing Chisel DTM
 Cast steel, 9 3/4" long, 1 3/4" wide, signed "THE JAMES SWAN CO. BEST TOOL STEEL" with a swan touchmark.
<http://www.davistownmuseum.org/bioSwan.html>

30911T3 Tapered reamer DTM
 Cast steel, 4 1/2" long, 9/16" wide, signed "REIFF & NESTOR CO" "LYKENS, PA U.S.A.". This reamer is used in a brace. The Reiff & Nestor Company began in 1912 and is still in existence today <http://www.rntap.com/>.

113004T1 Timber framers' socket chisel DTM UNK
 Weld steel and iron, 11 3/8" long, 1" wide, signed "C. A. WILLIAMS & CO" "CAST STEEL". The Williams family were Skowhegan, Maine, edge toolmakers working after the Civil War. This chisel appears to be of welded cast steel construction where the cast steel edge is welded onto the iron handle portion.
<http://www.davistownmuseum.org/publications/volume10.html>

Edge Tools - Forged

31811T7 Arrowhead DTM
 Steel, 4" long, 1/2" wide, 1/8" thick, unsigned.
 Hand-forged.

22411T7 Box hatchet DTM
 Hand-forged iron, 14" long, 5" x 1" head, unsigned.
 Also known as a barrel hatchet.

41302T4 Chisel DTM
 Steel with wood handle, 8 3/4" long, 4 3/4" long blade, 1/2" wide, signed "Peugeot Frère" with a cartouche of a hand, probably c. 1900 - 1920.
 This French chisel is a reminder that not all edge tools in American carpenters' tool chests were made in England or America.

101701T14 Cold chisel DTM
 Drop forged steel, 5 3/16" long, signed "Miller's Falls Co Made in USA. No 1190".
 Miller's Falls merged with Godell Pratt Co. in 1931 but retained their own name on some tools (DATM, 1999, pg. 544).
<http://www.davistownmuseum.org/bioMillersFalls.htm>

92911T11 Crowbar DTM
 Hand-forged or factory made from rebar stock, 22" long, 3/4" diameter, unsigned.

41302T2 Drawknife DTM
 Forged steel and iron with wood handles, 19" long, 12 5/8" blade, signed "L. Palmer".
 This maker is not listed in DATM (Nelson 1999). This tool is a nice example of a finely forged 20th century drawknife with a distinct welded steel blade and modern appearing handle attached by threaded bolts and nuts. A reminder that 20th century craftsmen can still fashion a drawknife the old fashioned way.

22411T6 Drawknife DTM
 Cast steel, brass ferrules, and wooden handles, 13 1/2" long, 5" wide, 7 1/2" long blade, signed "J. T. BUDGE".
 This drawknife is handmade from an old file. Possibly Budge was the maker/owner. The Penobscot County ME Archives History - Businesses listings for Lee in 1883 has J. T. Budge as a blacksmith. The Maine Register of 1889 lists J. T. Budge & Son as blacksmiths in Lee, Maine.

22411T3 Drawknife DTM
 Cast steel with brass ferrules, 15 1/2" long, 6 1/2" wide, 10" long blade, unsigned.
 This drawknife is handmade from a file.

		Status	Location
22311T17	Drawknife		DTM
<p>Malleable steel, brass ferrules, and a wood handle, 16" long, 8" long blade, signed "JAS". This drawknife is handmade with a unique straight extended handle on the left side. The blade has a tool steel cutting edge hand-forged to the malleable steel body. Part of the Robert Sullivan Collection donation.</p>			
22311T18	Drawknife		DTM
<p>Steel with a wood handle, 18 1/2" long, 12 1/2" long blade, unsigned. This drawknife is handmade and hand-forged with a steel cutting edge. Part of the Robert Sullivan Collection donation.</p>			
22411T16	Drawknife		DTM
<p>Cast steel, brass ferrules, and wooden handles, 8" long, 4" wide, 5" blade, unsigned. Hand forged from an old file.</p>			
71903T5	Drawshave		DTM
<p>Weld steel, 16 1/4" wide, 10 3/8" long blade, signed "I Haskell". Made by Isaac Haskell of Garland, Maine. This tool has the appearance of being made of cast steel, but the back of the shave shows clear evidence of a weld steel cutting edge. Haskell was a blacksmith who also made tools. This may be the only known shave by this maker, as this is a previously unrecorded maker's mark. A donation to The Davistown Museum by Rick Floyd. http://www.davistownmuseum.org/pics/71903t5_p3.jpg http://www.davistownmuseum.org/publications/volume10.html</p>			
31908T34	Drawshave		DTM
<p>Steel and wood, 5 1/2" long blade, 13" wide, signed "PEUGEOT FRERES" "TOUT ACIER FONDU ANGLAIS".</p>			
111209T1	Framing chisel		DTM
<p>Carbon steel and white oak, 17 1/4" long, 1 1/2" cutting edge, signed "BARR" with a bear trademark. Barr Specialty Tools of McCall, Idaho (www.barrtools.com) is a contemporary toolmaker. This chisel is hand-forged with a wooden handle. It is used by timber framers for mortise and tenon work.</p>			
31808SLP20	Froe		DTM
<p>Iron and wood, 13" long blade, 15 1/2" long handle, unsigned. http://www.davistownmuseum.org/pics/31808slp20-1.jpg</p>			
091909T3	Mast shave		DTM
<p>Forge-welded steel and iron, wood, 20 1/4" long, 5 1/2" wide, signed "J.GREEN". By a currently unidentified maker. http://www.davistownmuseum.org/pics/091909t3web2.jpg http://www.davistownmuseum.org/pics/091909t3web1.jpg</p>			
22411T13	Pinch dog		DTM
<p>Forged cast iron, 5" long, 3 1/4" wide, signed "F C RAND" possibly an owner's mark. This dog has three points. Pinch dogs are used like clamps to draw two pieces of wood together for glueing.</p>			
31011T2	Reamer		DTM
<p>Wrought iron, 7" long, 3" x 1" cutting area, unsigned. This is a handmade tapered convex-shaped reamer.</p>			
22411T12	Scraper		DTM
<p>Wrought iron, 12" long, 5 1/2" wide, 3 3/4" deep, unsigned. This may have been used as a chicken coop scraper. It is hand-forged and hand riveted.</p>			
22411T26	Shingling hatchet		DTM
<p>Forged steel with a wooden handle, 12" long, 2 1/2" x 4 1/4" head, unsigned. This is a small size for this type of hatchet</p>			
120907T1	Slick		DTM
<p>Steel, iron, and wood, unsigned. http://www.davistownmuseum.org/pics/120907t1.jpg</p>			

	Status	Location
913108T18 Socket chisel	DTM	
Steel and iron with a clearly laminated steel base, 10 1/2" long including an 8" long blade, signed "G. S. WILDER". According to DATM (Nelson 1999, 860), George Sheldon Wilder worked with his uncle Pliny Merrill as Merrill & Wilder (c. 1860), then was part of Wilder & Thompson (c. 1868), and Wilder & Hopkins (1870-73). He also worked alone and sold his business to the Jennings & Griffin Mfg. Co. in 1883 and worked for them. C. E. Jennings used his name on tools until 1901.		
121805T15 Socket chisel	DTM	
Steel, 9 1/2" long, 1 1/2" wide, signed "HR 1861" with three trademarks and a fleur de lis. Forged-welded German steel. There are signs of hand filing but no evidence of steeling - uniform microstructure throughout the tool and socket. Possibly puddled steel. http://www.davistownmuseum.org/pics/121805t15_p2.jpg		
913108T13 Spokeshave	DTM	
Steel and boxwood, 9 1/2" long, 2 3/4" long blade, signed "JOHN BOOTH & SON" and "PHILA". This prominent company was in Philadelphia, Pennsylvania, from 1874 to 1890, where they made edge tools, bits, and braces (Nelson 1999). This spokeshave is made in the English style.		
6204T5 Tang chisel	DTM	
Iron and steel with a wood handle, 14" long including 7 3/8" long chisel and 6 5/8" long handle, signed "A MAHANT GARANTIE". A typical late 19th century edge tool made in France using German steel, i.e. the continental method of fining cast iron.		
30911T6 Tapered reamer	DTM	
Cast steel, 15" long, 8" blade, unsigned. This convex-shaped reamer is handmade from a file.		
93011T20 Tin snips	DTM	TT
Forged steel, 10 1/2" long, signed "FORGED STEEL" on both handles.		
10407T7 Tin snips	DTM	
German steel, 11 3/4" long, signed "MATEA". Probably German or Italian made around the turn of the century (1900) of drop-forged German steel then heavily polished. The steel in this relatively modern tool (1890 - 1910) would be the traditional German steel or an open hearth bulk process furnace steel commonly found after 1875.		
51606T8 Tin snips	DTM	
German steel, 10 1/8" long, signed "Goldenberg" and "ACIER FONDU". A nice example of a French-made late 19th century tool made with a weld steel cutting edge and hand-filed steel or iron handles. This tool has a modern appearance (post 1860) but still shows evidence of extensive handwork.		
Edge Tools - Imported English Cast Steel		
090109T4 Chisel	DTM	
Cast steel, brass, and wood, 11 1/2" long including a 5 1/2" long handle, 1 1/4" wide cutting edge, signed "J.B. ADDIS & SONS", "ARCTIC WORKS", and "SHEFFIELD" on one side; "9PRIZE MEDALS" and "61 & 62" on the other. By 1872 "James Bacon was articulating in advertisements that the only true Addis-made carving tools carried the 'J. B. Addis & Sons' brand. Ads from this period state the valid imprints on tools and enable us to date many of the J. B. Addis tools made after 1872. The Hawley Collection lists 1874 as the most likely date for a split between James Bacon Addis and Ward & Payne. The company was still working at the Arctic Works at least past 1881... The principles of J. B. Addis & Sons were listed as James Bacon Addis, James Bacon Addis, Jr., and George Allkins Addis." (http://swingleydev.com/archive/get.php?message_id=157681).		
51606T15 Chisel	DTM	
Cast steel and a brass ferrule, 1 1/4" long including a 5 1/4" long handle, signed "BOB SORBY SHEFFIELD" with two cartouches on one side and "CAST STEEL" on the other. A typical late 19th century imported English edge tool by one of England's major toolmakers.		
091309T2 Chisel set (3)	DTM	
Steel and wood, signed "F. Stones". 1) 11 3/4" long, 1" wide, 3/16" cutting edge; 2) 12" long, 1 1/4" wide, 1/4" cutting edge; 3) 12 1/2" long, 1 1/2" wide, 5/16" cutting edge.		

31811T10 **Cold chisel** DTM
Cast steel, 5 3/4" long, signed "A" "G&U" and "PRODUKT" in a diamond, "TEMPERED STEEL" and "GERMANY".

42904T5 **Gouge** DTM
Cast steel, wood, brass, 8 1/2" long including a 4 1/8" wooden handle with brass ferrule, signed "H. TAYLOR" "SHEFFIELD" "9" on the front and "MADE IN ENGLAND" on the back.

52403T5 **Razor** DTM
Cast steel, 6 1/4" long, 3" blade, signed "T. NOONAN & SONS CO BOSTON MASS MADE IN GERMANY".
A late example of excellent quality German steel.

121805T19 **Tang chisel** DTM
Cast steel, wood and brass ferrule, 4 5/8" long with a 5" handle, signed "J. N. Cutler" and "Electric cast steel" and a pioneer on the reverse with "TM", c. 1890?.
Not listed in DATM (Nelson 1999), Cutler is probably a Sheffield manufacturer and possibly one of the first edge tool makers using electric steeling technology?
http://www.davistownmuseum.org/pics/121805t19_p2.jpg

Files

913108T27 **File** DTM
Probably German steel, 9" long, signed "FL. GROBETAVALLORBE" "MADE IN SWITZERLAND" and a rabbit trademark.
This is a nice example of a Swiss-made file.

31811T16 **File** DTM
Cast steel, 6 1/2" long, 3/8" wide, signed "ASHWORTH".
This file is used for the second or fine cut. DATM (Nelson 1999) lists Sager Ashworth & Co. as working in Lowell, MA, 1857-1871.

31811T21 **Four in hand file** DTM
Cast steel, 10" long, 1" wide, 1/4" thick, signed with an obscured trademark.
This file can be used for a combination of flat and half round coarse and medium cuts.

31602T13 **Rasp** DTM
Steel, 18" long, 1 9/16" maximum width, signed "Carver File Co USA".

30911T2 **Square bastard file** DTM
Cast steel, 17" long, unsigned.
The cut of the file refers to how fine its teeth are. They are defined from roughest to smoothest as: rough, middle, bastard, second cut, smooth, and dead smooth.

22411T29 **Triangular file** DTM
Cast steel, 14 3/4" long, 12" x 13/16" cutting surface, signed "GENUINE" "P S STUBS" "ENGLAND".
<http://www.davistownmuseum.org/bioStubs.htm>

Fishing Implements

30311T1 **Eel spear** DTM
Hand-forged iron, 18" long, 4" wide, unsigned.
This spear originally had 8 tines, one is missing.

112704T1 **Flensing knife** DTM
Low carbon steel with wood handle, 9 5/8" long with a 30 1/2" long handle, cutting edge 8 1/2" wide, unsigned.
This flesh cutting whaling tool is used to strip or flense a whale of its blubber or skin. It appears to be of relatively modern drop forged construction. It was found in the New Bedford, MA, area along with other fishing gear. It looks like a common garden edger and was probably locally made by one of the many whalecraft (tool) manufacturers working in the New Bedford area in the 19th century.

112004T1 **Handline weight** Status Location
DTM

Lead with two brass swivels at ends of horse, 7 3/4" long horse with 1 pound lead, signed "H.H. CRIE & CO. ROCKLAND ME.". The handline weight is also called a Dickinson swivel or Georges Bank sinker. It is used on a hand line to fish for cod and halibut, especially on Georges Banks in areas with a strong current. H. H. Crie was a purveyor of hardware of all types. This information is courtesy of Larry Davis, Bath, ME.

<http://www.davistownmuseum.org/publications/volume10.html>

Hammers

22601T4 **Armourers' doming hammer** DTM

Cast steel, 7 3/4" long, 1 1/4" and 1 1/2" diameter peens, signed "MOB" with trademark and marked "40" and "5". MOB is the mark of the French toolmakers' cooperative that manufactured those tools. The exact identity of this hammer can be found in Lynch's catalog of tools in the museum reference area.

<http://www.davistownmuseum.org/bioLynch.htm>

041505T9 **Ball peen hammer** DTM

Drop forged steel with wooden handle, 13" long including the handle, 3 5/8" long head with 1 1/16" diameter face, signed "1312 PASCHALL" "MADE IN USA 90".

No Paschall is listed as a hammer maker in DATM (Nelson 1999). Probably this is early to mid-20th century produced (ca. 1925 - 1940). A nice example of a high quality drop forged steel hammer. It is the center hammer in the photograph.

<http://www.davistownmuseum.org/pics/041505t7.jpg>

22411T25 **Ball peen hammer** DTM

Drop-forged steel with a wooden handle, 10" long, 3 1/2" x 1 1/4" head, signed "AMES MFG" "DROP FORG". Ames Mfg. Co. was in Chicopee Falls, MA from 1829-1876.

31311T2 **Ball peen hammer head** DTM

Cast steel, 3" long, 7/8" wide head, signed "D MAYDOLE" "MADE IN USA".

DATM (Nelson 1999, 520) lists David Maydole & Co. as a hammer manufacturer in Norwich, NY, 1861-1931.

42604T9 **Bung hammer** DTM

Drop forged iron, 4 3/4" long, 1 1/2" wide head with a 1/8" bung ridge, 10" long wooden handle, signed "C.DREW & CO".

TJG1001A **Carriage upholsterers' hammer** DTM

Drop forged steel and wood, 5 3/4" long with a 3/4" diameter head, 13" handle, signed "R C CLAY 1874".

<http://www.davistownmuseum.org/pics/tjg1001a.jpg>

TJG1002 **Carriage upholsterers' hammer** DTM

Drop forged steel and wood, 7" long handle, 4" long head, 1/2" square face, marked "PATENTED JUNE 76".

22311T22 **Caulking hammer head** DTM

Oak body and steel ferrules, 12" long, 1 1/2" wide, signed "C DREW & CO" and "000".

Part of the Robert Sullivan Collection donation.

<http://www.davistownmuseum.org/bioDrew.htm>

TJD1004 **Claw hammer - screwdriver** DTM

Drop forged steel, 8 5/8" long, 2 1/2" long claw hammer, 3/4" diameter face, unsigned.

This unusual hammer is typical of the mass produced tools now making their appearance.

041505T4 **Cross peen hammer** DTM

Drop forged steel and wood, 16" long including wooden handle, 1 3/4" beveled face, 4 1/2" long head, Signed "DEFIANCE" on head and "DEFIANCE SOLID STEEL HAMMER" on a paper label on the handle, c. 1930.

The torn label also reads "Atha Department Stanley Rule & Level, Plant _____, New Britain, Conn. USA" The plant name is obscured. This is a nice example of a modern drop forged steel hammer. It is the bottom right hammer in the photograph. This hammer is part of the hammer study group.

<http://www.davistownmuseum.org/pics/041505t4.jpg>

32802T3 **Cross peen hammer** DTM

Steel, 4 1/4" long, 15/16" wide peen and head, unsigned.

<http://www.davistownmuseum.org/pics/32802t3.jpg>

	Status	Location
<p>041505T13 Floor hammer</p> <p>Forged steel, 6" long, 1 3/16" octagonal face, unsigned, c. 1875. A typical 19th century hammer, probably drop forged. It was used for floor ripping. It is the hammer on the right side of the photograph.</p> <p>http://www.davistownmuseum.org/pics/041505t7.jpg</p>		DTM
<p>52603T32 Hammer</p> <p>9 1/2" long, 5" head, signed "H. K. NIGHT", 1883.</p>		DTM
<p>31311T7 Hammer</p> <p>Cast steel with wood handle, 12" long, 4 3/4" x 1 1/8" head, unsigned. This type of hammer is used to nail molding.</p>		DTM
<p>33002T23 Hammer</p> <p>Cast steel?, 4 1/8" long, 2 5/8" long cross peen, 3/32" and 5/16" wide ends, signed "Simonds 333". Probably made by George Simonds, Boston, +/- 1889, a hammer and plane maker. It is similar to a grindstone trimming hammer but is probably for whitesmithing. It is not in the hammer section of Sellin's Dictionary of American Hand Tools.</p> <p>http://www.davistownmuseum.org/pics/33002t23.jpg</p>		DTM
<p>93011T11 Hammer</p> <p>Cast steel and wood, 11" long, 4" head, unsigned. This hammer is tapered on both ends. It could be used by a cooper, tinsmith, or silversmith.</p>		DTM
<p>31811T22 Hammer head</p> <p>Cast steel, 9" long, 1 1/2" wide, signed "JOHN EA__" "BOSTON MASS". This could be a stone workers' hammer.</p>		DTM
<p>22411T8 Hammer head</p> <p>Hand-forged iron, 5" long, 1 1/8" x 1 1/8" head, 3 1/2" long handle brackets, unsigned. This is a claw hammer with forge-welded brackets used to secure the handle.</p>		DTM
<p>22211T6 Hammer head</p> <p>Bronze, 3 1/2" long, 1 1/2" x 1", signed "PAT. 42 43". The rest of the mark is not legible. It is cast as a goat's head novelty hammer with a claw. Part of the Robert Sullivan Collection donation.</p>		DTM
<p>31311T4 Hammer head</p> <p>Cast steel, 4 1/2" long, 1 1/8" wide, unsigned. This broken head shows the metal's porosity. It may have been used by a metal worker or tinsmith.</p>		DTM
<p>TJG3001 Hammers (5)</p> <p>All are drop forged steel or alloy steel, . Five twentieth century hammers. Claw hammer signed "GARDEN CITY". This hammer is unusual because of the amount of wear shown on the handle as well as on the head - it must have been used by somebody over a period of decades to have this much wear on the handle. Tack hammer, 5 1/4" long head, unsigned but noteworthy for the label on its handle "JEWFL HARTWELL HICKORY MEMPHIS TENN CHICAGO IL". A second tack hammer, 5 7/16" long head, signed "1419 PLUMB MFG. USA". Claw hammer, signed "CHRO-MOLY MADE IN USA". The rest of the signature is obscured. 5" long head with a 1 1/8" face. This twentieth century hammer typifies variations in tool steel that could be used in a special purpose hammer. This one appears to be steel and molybdenum. Body hammer, 4 1/4" long, 1 3/4" round face and 1 1/2" square face, signed "Blue Point" and "BF 60C USA".</p>		DTM
<p>31808SLP2 Nail holding hammer</p> <p>Steel and wood, 13 3/4" long, 11 1/2" long handle, unsigned.</p> <p>http://www.davistownmuseum.org/pics/31808slp2-1.jpg http://www.davistownmuseum.org/pics/31808slp2-1.jpg</p>		DTM
<p>32708T55 Riveting hammer head</p> <p>Metal, 6" long, 1 1/8" wide, unsigned.</p> <p>http://www.davistownmuseum.org/pics/32708t55.jpg</p>		DTM

Status Location
DTM

041505T6 Sledge hammer

Cast steel and wood, 11 1/2" long including the handle, 5 1/4" long head with two 1 3/16" round faces, signed "ATHA" "CAST STEEL" and "A - 1", c. 1875.

This 19th century tool was probably made long before Atha was purchased by the Stanley Tool & Level Co. in 1913. The mark "CAST STEEL", the early look and the numbers suggests the early years of Benjamin Atha's toolmaking activities in Newark, NJ, when the cast steel mark was still the advertising choice of quality toolmakers. It is in the center of the photograph, under the other hammers. This hammer is part of the hammer study group.

<http://www.davistownmuseum.org/pics/041505t5.jpg>

DTM

041505T5 Sledge hammer

Drop forged steel and wood, 10" long including the handle, 4 1/4" long head with 1 1/8" diameter beveled round face on both ends, signed "CRAFTSMAN" "38311-4803-M" "MADE IN USA" "WEAR SAFETY GOGGLES".

This is an example of a late 20th century drop forged steel hammer. It is the bottom hammer in the photograph. This hammer is part of the hammer study group.

<http://www.davistownmuseum.org/pics/041505t5.jpg>

Knives

DTM

30911T5 Carriagemakers' body knife

Cast steel, brass ferrules, and wood handles, 17" long, 5 1/2" handles, 2 1/2" x 1" cutter, signed "J. R. WESTON" twice on one side and "G. ELLISON" twice on the adjacent side.

Both signatures may be owners' marks.

DTM

33002T22 Knife

Forged steel, wood and brass ferrule, 8 7/8" long including 4 5/8" handle, signed with Japanese letters, date unknown.

Not all tools found in New England tool kits are English or American. The blade shows evidence of grinding.

<http://www.davistownmuseum.org/pics/33002t22.jpg>

DTM

31311T5 Knife

Steel, steel ferrule, and wood handle, 11" long, 6" long x 1 1/8" wide blade, signed "L. D. LOTHROP" "GLOUCESTER" "MASS.". This company is listed as a manufacturer of fishing apparatus and tools, such as knives, used to make tackle, in "Participation of the United States in the International Fisheries Exhibition, held at Bergen, Norway, 1898" (Collins, Joseph).

DTM

31811T15 Knife

Steel with a wood handle, 4 3/8" long, 2 1/8" long and 5/8" wide and 1/16" thick blade, signed "BARTLETT & BUT____" "HARVARD WOR____" and "SHEFFIELD".

The manufacturer's mark is partially hidden under the handle. This knife might be used for shucking clams.

DTM

31611T2 Knife

Cast steel, brass ferrule, and wood handle, 9" long, 4 3/4" long by 1/2" wide blade, signed "W. WEBSTER". W. Webster is listed in DATM (Nelson 1999) as working in Brockton, MA in 1872.

DTM

31311T11 Machete

Cast steel, 16 3/4" long, 3" long blade with 5" hook, signed "RUBINO" "NETRO".

The machete is made with one casting and the hook is protruding from the handle. Rubino Netro is Italian.

DTM

090508T7 Putty knife

Metal blade, brass ferrule, and wooden handle, 6" long, 3 3/4" blade, 1" wide, signed "J. TYZACK & SON" and "SHEFFIELD" with a trademark on the other side.

Uniclectica lists this company as JOSEPH TYZACK & SON located at Heely (near Sheffield) ca. 1842- at least 1919 (<http://www.uniclectica.com/misc/manuf.html>).

DTM

090508T5 Putty knife

Metal with a wood handle, signed "HENRY SEARS & SON" "1865" and "WARRANTED". There are star marks to either side of the date..

DATM (Nelson 1999) indicates they made cutlery and buttonhole scissors but has no location for them. Uniclectica lists this company in Chicago, Illinois ca. 1883 - 1897 (<http://www.uniclectica.com/misc/manuf.html>).

DTM

52602T39 Scutcheon knife

17" long, unsigned.

121805T29 **Utility knife** Status Location
DTM

Steel (cast?), 6 3/4" long including a 3 1/2" wooden handle, signed "Russell Green River Works", c. 1870.
One of the finest tool factories, John Russell's Green River Works in Greenfield, MA, produced a wide variety of skinning and hunting knives by modern drop forging techniques after 1837.

Loggers' Tools

4106T9 **Cant dog peavey** DTM

Steel and wood, 44" long, 14" shaft point, 9 1/2" curved cant dog, 30" long handle, signed "The Peavey Mfg. Co. Oakland ME" and "2 3/8 Peavey NO. 228".

This peavey is made with drop forged low carbon steel. The 2 3/8 in the mark refers to the inside diameter that holds the handle. Joseph Peavey of Stillwater, Maine, invented the cant dog peavey ca. 1860. This late 19th or early 20th century example of a classic Maine tool was made before the company moved to Brewer in 1928.

<http://www.davistownmuseum.org/publications/volume10.html>

112704T6 **Chain saw** DTM

Drop forged steel and wood, 44 " long, 9 1/2" long handle, signed "DISSTON USA".
A portable saw used by the military and others in isolated locations where it was not practical to carry stiff one or two man saws. It predates the portable chain saw.

<http://www.davistownmuseum.org/bioDisston.htm>

22211T14 **Folding caliper rule** DTM

Boxwood and brass, 24" long (extended), 12" long (folded), 3/4" wide, 1/8" thick, signed "STANLEY RULE" "& LEVEL CO." "No 6". This is a Stanley No. 6 rule. It has a two fold scale, each leg is 12". There is a brass caliper on one leg and a board foot scale on the other leg. Part of the Robert Sullivan Collection donation.

<http://www.davistownmuseum.org/bioStanley.html>

121111T1 **Folding hand chainsaw** DTM

Steel, brass, wood, and leather pouch, 48" long, signed "FRANCIS" "WOOD & SONS" "SHEFFIELD" "1917".

<http://www.davistownmuseum.org/pics/121111t1web1.jpg>
<http://www.davistownmuseum.org/pics/121111t1web3.jpg>

22211T13 **Folding rule (board scale)** DTM

Boxwood and brass, 24" long (extended), 6" long (folded), 5/8" wide, 1/8" thick, signed "STANLEY RULE" "& LEVEL CO." "NEW BRITAIN, CONN." and on opposite side "No 81".

This is a Stanley No. 81 rule. The scale on one side is in inches and on the other it is in board feet for measuring logs. Part of the Robert Sullivan Collection donation.

<http://www.davistownmuseum.org/bioStanley.html>

22211T15 **Folding rule (board scale)** DTM

Boxwood and brass, 24" long (extended), 6" long (folded), 5/8" wide, 1/8" thick, signed "No 82".

This is a Stanley No. 82 rule. The scale on one side is in inches and on the other it is in board feet for measuring logs. Part of the Robert Sullivan Collection donation.

<http://www.davistownmuseum.org/bioStanley.html>

51102T1 **Log caliper** DTM

Boxwood and brass, size unknown, signed "Valentine Fabian".
DATM (Nelson 1999) states Fabian made rules, including log rules, in Milo Junction, Maine, starting in 1897. Donated to the Museum by Phil Platt.

<http://www.davistownmuseum.org/publications/volume10.html>

61204T1 **Peavey** DTM

Drop forged iron and wood, 40" long including a 26 1/4" long wooden handle, 13 3/4" wide, signed "2 1/2 E. MANSFIELD & Co" "SNOW & NEALLEY CO" "BANGOR MAINE".

http://www.davistownmuseum.org/pics/61204T1_p1.jpg
<http://www.davistownmuseum.org/publications/volume10.html>

93011T6 **Pick** DTM TT

Cast steel, 10" long, 6" wide head, unsigned.
Used for logging by the lumber and pulp industry.

4106T11 **Pickaroon** Status Location
DTM

Steel and wood, 7 3/8" long, 27 1/4" handle, signed "SNOW & NEALLEY Co. BANGOR MAINE OUR BEST" in white letters on the handle.

This is a typical drop forged example of a Snow & Nealley pickaroon, essential for moving small logs and branches during lumber harvesting.

<http://www.davistownmuseum.org/publications/volume10.html>

31908T39 **Pulp hook** DTM

Steel and wood, 10" long, signed "SNOW & NEALLEY CO" and "BANGOR - MAINE".

<http://www.davistownmuseum.org/pics/31908t39p3.jpg>

<http://www.davistownmuseum.org/publications/volume10.html>

041505T39 **Timber framing chisel** DTM

Cast steel (weld), 12" long, 1 1/2" wide, signed "PAGE, WHITMAN & CO" " W. FITCHBURG" "CAST-STEEL" and " WARRANTED".

DATM (Nelson 1999, 596) gives the date 1864 for this Massachusetts company, which made chisels. An excellent example of welded cast steel with a clear steel-iron transition zone.

http://www.davistownmuseum.org/pics/041505t39_p1.jpg

http://www.davistownmuseum.org/pics/041505t39_p2.jpg

Maine Made Tools

(Except planes and axes)

TCZ1006 **Adjustable wrench** BDTM

Drop forged steel, 8 3/4" long, signed "PENNEY & THURSTON MECHANICS FALLS ME PAT OCT 11 ??".

A very uncommon wrench. A very obscure yet historically important Maine wrench maker not listed in DATM. Thank you to the Missouri Valley Wrench Club Newsletter for the following: "The Penney & Thurston wrench is patent No. 44,653 issued Oct. 11, 1864. It was described in the Nov. 26, 1864, Scientific American". Follow the bio link to see more photographs of this wrench.

<http://www.davistownmuseum.org/pics/tcz1006p2.jpg>

<http://www.davistownmuseum.org/bioPenney.htm>

100108T2 **Brush cutter** DTM

Cast steel, 11 1/4" long, 5 1/2" diameter cutting blade, signed ".W.T.CO" on the metal with a paper label "Champion Bus____" "NORTH WAYNE T____" and "HALLOWELL, M_".

The paper label is partially missing.

<http://www.davistownmuseum.org/publications/volume10.html>

22311T20 **Cabinet saw** DTM

Steel, 24" long, 12" wide, 3/4" thick, signed "SCHMIDT PACKSAW" "BY" "CURTIS-STEBBINS" "DENMARK, MAINE".

This saw is in an oak frame. Part of the Robert Sullivan Collection donation.

22311T8 **Carriage spoke wrench** DTM

Cast steel with a wooden handle, 5 1/2" long, signed "FORGED" "PORTLAND ME.".

The trademark is obscured. Part of the Robert Sullivan Collection donation.

TCX1005 **Caulking iron** DTM

Cast steel (?), 5 3/4" long with a 2 1/4" wide blade, signed "T. LAUGHLIN Co" and "PORTLAND, ME", c. 1865-1870 (?).

T. Laughlin Co. is listed in DATM (Nelson 1999, 473) as located in Portland, ME, without a date. Wooden shipbuilding and ship repairing continues in Maine despite the decline of maritime industries after the Civil War and the depletion of coastal forest resources. Ocean-going steam ships remained impractical in comparison to the large 4 and 5 masted schooners built in Maine due to the heavy weight and large bulk of the coal necessary for transatlantic travel.

<http://www.davistownmuseum.org/pics/tcx1005-2web.jpg>

<http://www.davistownmuseum.org/publications/volume10.html>

100108T5 **Clamp** DTM

Wood, 3 3/8" long, 3 1/4" wide, 3" wooden screw, signed "PATENT PENDING" "by" "W.W.WYMAN" and "W. Waterville Me".

A gift from Ed Shaw who notes that Walter Wyman was an engineer and one of the original founders of Central Maine Power Company. Could he have applied for this patent?

<http://www.davistownmuseum.org/publications/volume10.html>

Davistown Museum Inventory of Tools - Industrial Revolution - Other

Maine Made Tools

	Status	Location
TJC1001 Drawknife	DTM	
Cast steel and wood, 14 1/4" long, 8 3/16" long blade, signed "L. WEBB BANGOR". Probably Lester Webb, 1867-1871, who DATM (Nelson 1999) lists as having an association with Higgins and Webb. http://www.davistownmuseum.org/publications/volume10.html		
92901T1 Drawknife	DTM	
steel, wood handle, 14" long, 8 3/4" blade, signed "L Webb Bangor". This drawknife is an especially interesting example of a drop forged steel tool that is the product of a sophisticated factory system where machine work replaces hand work. Unusually elegantly shaped cutting surface. A gift to The Davistown Museum from Rick Floyd. http://www.davistownmuseum.org/pics/92901t1_p1.jpg http://www.davistownmuseum.org/publications/volume10.html		
070705T2 Drawshave	DTM	TB
Forged steel, possibly German steel with wooden handles, 15 3/4" long with 9 7/8" long cutting blade and 5" long handles long with 9 7/8" long cutting blade, signed "C. DAGGETT". C. Daggett is listed in the 1879 Maine Business Directory as an ax maker in Sherman, Maine.		
913108T11 Level	DTM	
Brass and wood, 6 3/4" long, signed "J W HARMON" "BOSTON" "MASS" "HAVERILL". Leon Robbins of Bath, Maine, made this level out of an old one originally made by John W. Harmon of Boston, MA, whose working dates were 1860 - 1907. http://www.davistownmuseum.org/bioLeon.html		
111711T1 Lipped adz	DTM	
Cast steel with wooden handle, 7 3/8" long, 4 1/2" wide cutting edge, 27 1/2" long handle, signed "STINSON", second line is obscured. The "Registry of Maine Toolmakers" lists three Maine Stinsons: John F. Stinson worked in Bath in 1869, J.F. Stinson worked in Springfield from 1879-1882, and R.G. Stinson worked in Bath from 1874 - 1879. All of them made axes and edge tools.		
93011T5 Pickaroon	DTM	TT
Cast steel and wood, 15" long, 5" wide head, signed "SNOW & NEALEY CO" "BANGOR". Used for logging by the lumber and pulp industry.		
70701T5 Ratchet screwdriver	DTM	
Wood, steel and brass, 10 3/4" long, 5" blade, signed "GAY" the patent date is obscured. It has the same patent date as the larger Gay screwdriver displayed to the right (CAT # 63001T5). http://www.davistownmuseum.org/publications/volume10.html		
63001T5 Ratchet screwdriver	DTM	
Cast steel, brass and wood, 15 1/2" long, 7 1/2" driver, signed "Gay Pat Dec 17 1878". A classic example of George E. Gay's (Augusta, ME. 1878 - 1905) patented screwdriver. A truly Maine-made tool. http://www.davistownmuseum.org/publications/volume10.html		
111001T25 Screwdriver	DTM	
Wood, steel and brass, 12" long, signed "F. A. Howard Belfast Me Allard Pat. Aug 4 1868 24 Nov 1874". http://www.davistownmuseum.org/publications/volume10.html		
32708T59 Screwdriver	DTM	
Metal, brass trim, and wood handle, 12 3/8" long, signed "GAY" "PAT. DEC. 17. 1879" and on the other side of the handle "PARSONS" "AUGUSTA" "ME". This patent is held by George E. Gay and John A. Parsons of Augusta, Maine. http://www.davistownmuseum.org/pics/32708t59-3.jpg http://www.davistownmuseum.org/publications/volume10.html		

100208T3 **Scythe blade, steel, and iron** Status Location
DTM

Malleable iron and steel, A) 33 1/2" long, 1 7/8" wide, 28 3/4" blade B) 33 3/4" long C) 33" long, 1 5/8" wide 28 1/2" blade, unsigned.

This unique grouping from the North Wayne Scythe Co. illustrates the components of a late 19th century or early 20th century drop-forged scythe. A piece of high carbon steel bar stock (B) is forged onto a partially forged and shaped piece of malleable iron (A). After further drop-forging and hand hammering, © represents the final product prior to additional filing, shaping, and sharpening. A unique relic from the heyday of Maine's edge tool manufacturing era. From the collection of Ed Shaw.

<http://www.davistownmuseum.org/publications/volume10.html>

100108T4 **Shears sharpener** DTM

Wood and steel, 3 3/4" long, 1 5/8" wide, 2" long blade, signed on a paper label "MANUFACTURED BY" "C. R. HALEY Milford, Me."

The paper label includes directions for use. The town name could be Gilford, there is a scratch on the label. A gift from Ed Shaw.

<http://www.davistownmuseum.org/publications/volume10.html>

121600T2 **Spiral screwdriver** DTM

Steel, bronze and wood, 13" long, signed "Made by F.A. Howard & Sons, Belfast Me USA Pat. Maf. 1892".

<http://www.davistownmuseum.org/publications/volume10.html>

12801T11 **Stone chisel** DTM

Drop forged iron with welded steel cutting edge, 8 5/8" long, 2" wide, signed "Bicknell Mfg. Co. Rockland Maine".

This company was the premier manufacturer of tools for the quarry industry of coastal Maine. DATM (Nelson 1999) has no listing for Bicknell. The company began manufacturing in 1893 as the Livingston Manufacturing Company. This tool appears to be post 1900, but Bicknell played a key role in supplying the tools for quarrying in Vinalhaven and Stonington once factory production suppressed on-site forges. The company is now named Bicknell Supply Co. and is located in Elberton, GA. More information is sought for our files on Bicknell.

<http://www.davistownmuseum.org/bioBicknell.htm>

<http://www.davistownmuseum.org/publications/volume10.html>

5100T9 **Tape measure (50 feet)** DTM

Pressed steel (?), 3 3/16" diameter, signed "Trade Mark THE 'ONE-MAN' TAPE" and "Crogan MFG, Co. Bangor, Maine USA" and "PAT. APRIL 6 1915 PAT. FEB. 20 1917 PAT. JULY 10 1917, PAT. PEND."

DATM (Nelson 1999, 199) lists this company as making rules with no dates. Anyone with more information about the history of the Crogan Mfg. Co. in Bangor, please contact the Museum.

<http://www.davistownmuseum.org/publications/volume10.html>

Measuring Tools

22211T20 **Carpenter's rule** DTM

Boxwood and brass, 8" long, 2 1/4" wide, 1/2" thick, extends to 6 feet, signed "EDISON PORTLAND CEMENT CO. NEW YORK - BOSTON - PHILA" "PAT'D 12.13.1910" "PAT'D 7.29.1913".

Other marks include: "EDISON SIGNATURE", "A PRODUCT OF THE EDISON LABORATORIES", "N.Y. APPRD.", "X-4", and a pointing finger touchmark. This rule slides open, it does not fold. Part of the Robert Sullivan Collection donation.

22211T21 **Carpenter's rule** DTM

Steel, 6" long, 3/4" wide, 3/32" thick, extends to 6 feet, signed "THE L S STARRETT CO. ATHOL, MASS USA" "PAT. MAR. 14. 1911" "NO. 451" and "TEMPERED".

Part of the Robert Sullivan Collection donation.

<http://www.davistownmuseum.org/bioStarrett.html>

31808SLP14 **Square** DTM

Steel, 7 3/8" long rule, 4 3/4" long handle, signed "STANLEY" on the handle and "HMC0" on the rule.

<http://www.davistownmuseum.org/pics/31808slp14-2.jpg>

<http://www.davistownmuseum.org/bioStanley.htm>

52408T6 **Stanley level** DTM MH

Wood, brass, and glass, 5.5" x 1.25" x 1.5", signed "Stanley Rule & Level Co."

Davistown Museum Inventory of Tools - Industrial Revolution - Other

Measuring Tools

102503T5 **Tape measure**

Status Location
DTM

Steel, 2 3/4" long, 2 3/4" wide, signed "TRADE MARK" "THE "ONE-MAN" TAPE" "821" "25 FT" and "CROGAN MFG. CO. BANGOR, MAINE U.S.A."

It also is marked on the back "Pat. April 6, 1915 Pat. July 10, 1917 Pat. Feb. 20, 1917 PAT. PEND."

http://www.davistownmuseum.org/pics/102503T5_p3.jpg

<http://www.davistownmuseum.org/publications/volume10.html>

31611T3 **Try square**

DTM

Steel and rosewood, 6" long, 2" blade, 4 1/4" wooden leg, signed "W. MARPLE".

William Marples is listed in DATM (Nelson 1999) as a wooden planemaker, 1828-1856. William Marples & Sons, 1833 - 1983 made planes, edge tools, and files. It is unknown if this tool was made by them, it could be an owner signature.

Measuring Tools (Except Machinist Tools)

040103T15 **Drill gauge**

DTM

Steel, 7 1/2" long, signed "W & M Mfg Co. Worcester Mass".

W & M Mfg. Co. is not listed in DATM (Nelson 1999). This tool has graduations from 0 to 20 -- about a 1/4" at 0 to 1/64" at 20. A wire gauge?

http://www.davistownmuseum.org/pics/040103t15_p1.jpg

22311T9 **Marking and mortice gauge**

DTM

Rosewood and brass, 7 1/2" long, 2" x 2" body, unsigned.

It has a screw adjustment. Part of the Robert Sullivan Collection donation.

22211T8 **Printer's ruler**

DTM

Brass, 8 5/8" long, 3/4" wide, signed "6 & 12 PT INCHES" and an owner's mark "H" on the bottom of the back side.

Part of the Robert Sullivan Collection donation.

Miscellaneous Items

31811T34 **Eyelet**

DTM

Forged malleable iron, 4 3/4" long, 1 7/8" diameter, signed "16" and "27".

It is tapered so it can be driven into wood.

31811T12 **Gun barrel**

DTM

Cast steel, 9" long, signed "85279" (serial #) and "44 CAL. - BARREL AND LUG FORGED IN ONE."

The barrel has been cut to shorten it.

93011T2 **Iron pyrite**

DTM TT

Stone, small, unsigned.

A note indicates this sample was gathered at Sutter Creek.

3405M1 **Lithograph stone**

DTM

Limestone, 5" long, 6" wide, 3 1/2" high, signed "Rogers Wade Furniture Co. Paris Texas", c. 1915.

The stone is also marked with an engraving of a five story building, other structures and automobiles. "J W Wade President W C Clark Vice President Secretary T B Revell 2nd Vice President". There are three trademarks; two with Texas maps. This is an interesting example of a lithograph stone used for printing - in this case, for business related materials. A steel plate engraving appears to have been transferred onto this stone. More information and comments on this item are solicited.

22411T9 **Ticket punch**

DTM

Nickel plated cast steel, 4" long, 2 1/2" wide, signed "R. Woodman" "mf'r" "Boston, Mass."

DATM (1999) indicates that R. Woodman made machinists' tools from 1878 to 1900.

93011T1 **Troutman's cough syrup**

DTM TT

Brown bottle in a cardboard carton, 6" high, 2 1/4" x 2 1/4", signed "G. E. LABORATORIES SHAMOKIN, PA." "ROY J. TROUTMAN, PROP."

TJR3500 **Wine bottle**

DTM

Glass, 23 1/2" high, labeled "C. H. Mumm & Co. Reims", 20th century.

A full Condon Rouge wine bottle.

Miscellaneous Primitives

	Status Location
102503P3 Keg	DTM

Wood with steel bands, 10 1/2" wide, 16" high, signed "___ Libby & Meke___" in paint. Label: "Swift & Company Wholesale dealers in choice dressed beef, mutton, veal, pork provisions & produce Bath Maine".
 A typical mid- or late 19th century (1860 - 80) meat keg or "pork barrel" for the Maine coastal trade. A nice example of what a good cooper could do with red or white oak.

Miscellaneous Tools

31811T19 Adjustable drill bit	DTM
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Cast steel, 8 1/2" long, 1" wide, signed "L H GIBBS" "NY" "PATENT" "JUNE 17 1885".
 DATM (Nelson 1999) lists Gibbs in Washington, DC when he received his patent. He later moved to NY. No patent is recorded for him.

22601T2 Adjustable jaw cut nipper	DTM
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Steel with carbide tipped jaw, 7" long, signed "L S Starrett Co. Athol Mass USA No 1- 7 IN".
 For use in wire mills, piano tuning and by telephone workers for wire cutting. The removable jaws may be reground, repaired or replaced. DATM (Nelson 1999, 751) contains historical information on L. S. Starrett Co.
<http://www.davistownmuseum.org/bioStarrett.htm>

31811T27 Bolt header	DTM
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Hand-forged/welded malleable iron, 12 1/2" long, 1 3/4" x 7/8" head with a 3/4" hole, unsigned.

31811T28 Bolt header	DTM
----------------------------------	-----

Hand-forged/welded malleable iron, 12 1/2" long, 1 7/8" round double-head with square holes 1/2" and 5/8"., unsigned.

22411T1 Box scraper	DTM
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Cast steel with a wooden handle, 14" long, 4" wide, signed "C DREW & CO" and "CAST STEEL".
<http://www.davistownmuseum.org/bioDrew.htm>

14302T19 Box scraper	DTM
----------------------------------	-----

Cast steel, wood and brass ferrule, 12 1/2" long, 8 1/2" long handle, 1 9/16" wide cutting blade, signed "Patd July 26 1870" on ferrule.

111001T18 Brick chisel	DTM
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Cast steel, 8" long, 1 3/4" x 3/16" wide chiseling face, signed "C. Drew & Co".
 A reminder that Christopher Drew made more than calking irons, shingle rips and cat's paws.
<http://www.davistownmuseum.org/bioDrew.htm>

81200M Buffalo belt	DTM MHC-L
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Buffalo hide, 12' long, 3" wide, unsigned, c. 1880.
 Belt used for belt drawn water or steam powered machinery. Use of strong buffalo hide instead of cow hide for belt driven equipment quickly led to the near extinction of the buffalo. Interestingly, Louis C. Hunter in his monumental 1985, "A history of industrial power in the United States, 1780-1930. Volume two: Steam power" makes no mention of the use of buffalo belting in the industrialization of manufacturing in the 19th century.

101701T9 Bullet mold	DTM
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Drop forged iron, obscured maker's mark, 1874 patent date.
 Another specimen for a classroom whatsit.

102100T28 Burins (5)	DTM
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Steel, brass and wood, various lengths from 2 3/4" to 4" long, unsigned.
 Generic tools for copper plate engraving. Please visit the print collection for several examples of prints made with these tools.
<http://www.davistownmuseum.org/pics/102100t28.jpg>

TJD1005 C clamp	DTM
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Drop forged iron, 6" long, 3" throat, signed "MARK CHICAGO 2 1/2".
 Characteristic of the mass produced C clamps of the late 19th century.

	Status	Location
111001T24 C clamp		DTM
Drop forged steel, 8 1/4" long, 3 1/4" throat, marked "P. S. & W. Co. Southington, CONN USA PAT. June 5. July 10, 88" on the verso "STEEL No 3 SCREW".		
P S & W is the abbreviation for Peck, Stow & Wilcox (1870 - 1950). For an extensive description of this important New England tool manufacturer see DATM (Nelson 1999, 610).		
101701T6 C clamp		DTM
Cast iron?, 7" long, 3 1/4" throat, signed "Woodruff 3 Eagle".		
Many Woodruffs are listed in DATM (Nelson 1999) but none as clamp makers.		
33002T10 C clamp		DTM
Malleable iron, 3 3/8" long, 2 1/4" throat, signed "Malleable Iron Unbreakable Made in USA", c. 1950.		
A generic 20th century tool common to every workshop. The malleable iron in this tool is also called low carbon steel; the production of malleable iron originates with the puddling process and became a common commodity with specific tool type applications once the Bessemer steel production process allowed controlled mass production of large quantities of durable ductile malleable iron (low carbon steel).		
33002T11 C clamp		DTM
Semi steel, 3 11/16" long, 2 5/16" throat, marked "Semi steel Made in USA", c. 1920.		
Another variation in steel terminology on a commonplace generic hand tool.		
33002T7A Cat's paw		DTM
Malleable forged steel, 10 1/2" long, signed "C. Drew & Co.".		
12801T16 Cat's paw		DTM
Drop forged steel, 11 1/8" long, signed "C. Drew CAT'S PAW - 277".		
This is a (later) 20th century production.		
http://www.davistownmuseum.org/pics/12801t16.jpg		
http://www.davistownmuseum.org/bioDrew.htm		
31811T20 Catspaw		DTM
Cast steel, 11 1/4" long, 1 1/8" head, signed "DREW CATSPAW - 277B".		
http://www.davistownmuseum.org/bioDrew.htm		
31611T9 C-clamp		DTM
Cast steel, 8" long, 3 1/2" wide, 4" capacity, signed "14".		
TBL1002 Cold chisel		DTM
Cast steel?, 6 1/4" long, 5/8" cutter, signed "2173 C DREW KINGSTON MASS", c. 1920.		
http://www.davistownmuseum.org/bioDrew.htm		
TJD1008 Cold chisel (2)		DTM
Forged steel, 5 1/2" long, 9/16" wide, marked "SILICO MANGANESE STEEL", c. 1880 - 1900.		
Illustrates the invention and use of steel alloys for special purpose tools.		
31701T2 Countersink		DTM
Cast steel, 4 1/4" long, 5/8" cutter at a 45° angle, signed "_B WHEELER PATD APR 12 1870".		
DATM (Nelson 1999) lists George B Wheeler of Brattleboro, VT, 1870, as having received this patent from his father, Asa Wheeler (Warwick, MA, 1849; moved to Brattleboro the same year), pg. 846.		
914108T9 Countersink		DTM
Iron and steel, 4 1/8" long, signed "G. B. WHEELER".		
George B. Wheeler worked in Brattleboro, VT, from 1870 - 1873 making axes, bits, and machinists' tools. His father, Asa, held an 1870 patent for countersinks and a countersink depth gauge that he assigned to George.		
31611T1 Countersink bit		DTM
Cast steel, 4 3/4" long, 1/2" countersink, signed "C. STEEL".		
This bit is made for use with a brace.		

	Status	Location
111001T23 Crimping tool	DTM	
Wood and steel, 8 3/4" long, 5 1/8" wood handle, 2 5/8" diameter crimping wheel, signed "Made in USA by Hoggson & Pettis New Haven Conn USA".		
Hoggson & Pettis Mfg. Co. are listed in DATM (Nelson 1999, 390) as working from 1890 - 1905. The crimping wheel is smooth with an angled back, no serrations. Would it be used in the leather working trade? Another whatsit.		
31602T3 Cyclometer	DTM	
Brass, bronze and steel components, 4 1/4" high, 2" diameter face, signed "Boys & Ruckers signal cyclometer. Patent.".		
72002T7 Drift	DTM	MH-K
Steel, marked "Scully drift PAT. PEND. No 3 25103".		
An unusual looking 20th century tool.		
31811T33 Drill bit	DTM	
Cast steel, 2 1/2" long, 3/8" diameter, signed but it is too worn to read, it might say "1855".		
It appears to be a Jennings type bit.		
31811T6 Engravers' tool	DTM	
Cast steel, 5 1/2" long, 1/2" wide, signed "AH".		
Spiral (shell) pattern.		
22411T30 Engraving stamp	DTM	
Cast steel, 4 1/2" long, 1" wide, the letters are 1 5/8" x 3/8", signed "S. M. SPENCER MFG. CO." "BOSTON, MASS.".		
The stamp is used to mark "ROCKLAND". DATM (Nelson 1999, 741) lists this company as a die maker in Boston with unknown dates. S. M. Spencer was listed working in Brattleboro, VT, in 1867 and 1872.		
81200T6 Glass cutter	DTM	MHC-J
Cast iron and steel, 13" long, unsigned, late 19th century.		
22411T17 Hand drill	DTM	
Brass with wooden handle, 9" long, unsigned.		
This is an archemidian style drill with a fine drill holder end.		
41203T12 Hand vise	DTM	
Drop forged steel, 5" long, 1 11/16" wide jaw, signed "Billings & Edmands Mfg. Co. Rocky Hill CONN" and "DROP FORGED OF BAR STEEL".		
A most unusual designation of manufacturing process, not noted on any other tool; DATM (Nelson 1999) lists Billings & Edmands working dates as 1884 to 1899.		
http://www.davistownmuseum.org/pics/41203t12_p1.jpg http://www.davistownmuseum.org/pics/41203t12_p2.jpg		
121201T1 Hand vise	DTM	
Drop forged malleable iron, 3 1/2" long, 1 1/4" wide jaw, signed "IMHOFF & LANGE".		
DATM (1999, 1030) indicates Imhoff & Lange is a foreign company that made bits. This maker's mark has never been seen before by the Liberty Tool Co.		
61204T5 Ice hook	DTM	
Forged iron with wood handle, 17 1/2" long, 7" wide handle, unsigned.		
This ice hook came from the Hardscrabble Ice House, Rt. 97, East Boothbay, Maine, which was active in the late 19th century.		
http://www.davistownmuseum.org/pics/61204T5.jpg		
TBL5009 Jig	DTM	
Forged iron and wood, 9 1/2" long, 4" wide, unsigned.		
This unusual tool appears to have been recently made (ca. 1900 - 1920) out of much earlier components, all of which are hand forged iron. The nails in the wood as well as the saw marks are contemporary - that is to say early 20th century. We have no idea what this jig would have been used for, what do you think?		

	Status	Location
10811T1 Knife grinder for reapers	DTM	MH
<p>Cast iron, 28" long, 11 1/2" diameter gear, signed "AYERS PAT JUNE 3 1868". Frequently mistaken for a hand drill, this high speed tool was used as a grinding sharpener for reapers, mowers, and other edged machinery. This particular example has a threaded mount for stones. The patent was granted to Daniel W. Ayres, of Sheldon, Iroquis county, Illinois, on June 23, 1868 for grinding reaper knives.</p> <p style="text-align: center;">http://www.davistownmuseum.org/pics/10811t1web1.jpg http://www.davistownmuseum.org/pics/10811t1web2.jpg</p>		
22411T22 Lasting pinchers	DTM	
<p>Cast steel, 9" long, signed "A" "PATENTED" "OCT. 25. 1887" "WHITCHER" "UNION MADE 20" and "KNELL" owner mark on one handle. Patent 372,246 was issued to Frank W. Whitcher of Boston, MA.</p>		
090508T10 Leather pliers	DTM	
<p>Cast steel, 9 1/4" long, signed "4" and "2B MADE IN U.S.A." with a diamond mark between 4 and 2..</p>		
30311T9 Leather-working tool	DTM	
<p>Cast steel, brass ferrules, and wood handles, 15 1/2" long, working area 6" x 7/8", unsigned. This tool has two handles and is used for burnishing and/or shaping.</p>		
120907T2 Level	DTM	
<p>Wrought iron and brass, 24" long, 2 3/4" wide, signed "DAVIS LEVEL & TOOL Co" and "PAT SEP 17, 1867". It has an intricately worked body and an adjustable dial with 90 degrees of movement.</p> <p style="text-align: center;">http://www.davistownmuseum.org/pics/120907t2_p2.jpg http://www.davistownmuseum.org/bioDavis.htm</p>		
31611T8 Lineman's pliers	DTM	
<p>Cast steel, 8" long, 1 1/2" head, signed "FRANCE".</p>		
51606T9 Linemans' pliers	DTM	
<p>Drop-forged steel, 7 1/4" long, signed "Drop forged steel Witherby No 1517". These early 20th century pliers show some evidence of hand work both in the ground surfaces on the handles and in the double lines separated smoothly from serrated handle surfaces. Soon all such tools would be completely machine-made without any sign of handwork, even handwork with electric grinding tools.</p> <p style="text-align: center;">http://www.davistownmuseum.org/bio#bioWitherby.html</p>		
TJR3002 Needle nose pliers	DTM	
<p>Cast iron, 3" long, signed "WINCHESTER TRADE MARK". One of the tools produced in Connecticut by the Winchester Arms Co.</p>		
TDJ1009 Oiler	DTM	
<p>Sheet metal, 5 3/8" high with a 6" spout, signed "T. Stenau & Co. Pat May 12, 96". Looks older than it is.</p>		
41302T14 Pliers	DTM	
<p>Cast iron and steel, 5 1/2" long, 1 1/8" long and 1/8" wide adjustable steel jaws, unsigned. An unusual design for a special purpose hand tool, use unknown.</p>		
52603T10 Pliers	DTM	
<p>Steel, 9 1/4" long, signed "HUBER" "TOO-WOP". These pliers are used for gas pipe fitting.</p>		
TJR2201 Pliers	DTM	
<p>Drop forged iron, 5 1/4" long, signed "L.A. SAYRE, NEWARK, NJ". DATM (Nelson 1999) lists this company working from 1884 - 1916.</p>		
31611T7 Pliers	DTM	
<p>Cast steel, 7" long, 1" nippers, signed "GARANTIE". This is a pinch plier with a nail remover. Garantie is the German word for warranty.</p>		

		Status	Location
31011T6	Pliers	DTM	
<p>Cast steel, 8" long, signed "HUBER PHIL" "C STEEL". The nose is made to grip round materials. DATM (Nelson 1999, 406) lists Huber H. F. & A. in Philadelphia as manufacturers of leather-making tools in 1836 and Henry Huber of Philadelphia in 1870-1871.</p>			
22311T13	Pliers	DTM	
<p>Steel, 7" long, signed "NIKE" "ESKILSTUNA" "MADE IN" "SWEDEN". This is a special purpose plier with a fixed throat opening and an adjustable stop at the throat's end. Part of the Robert Sullivan Collection donation.</p>			
101701T13	Pliers	DTM	
<p>Drop forged steel, 8 3/8" long, signed "Wm Hjorth Jamestown NY. Pat Sept 8 1903". See DATM (Nelson 1999, 386). Interesting for its unusual shape -- a tool as a sculpture object.</p>			
22411T10	Pliers	DTM	
<p>Machine forged steel, 6" long, 2" wide, signed "HUGONIOT-TISSOT" "FRANCE" and "A. F. & Co". These are electrician or lineman's pliers.</p>			
83102T9A	Pliers	DTM	
<p>Drop-forged steel, 8" long, signed "PAZZANO PAT RE19027 MADE IN USA". These curved special purpose pliers were made in the early 20th century. Pazzano Wrench Company was located in Waltham, MA. Frederick F. Pazzano received this patent December 19, 1933. http://www.google.com/patents/about?id=H_0nAAAAEBAJ&dq=pazzano. Also see http://www.datamp.org/displayPatent.php?id=34068.</p>			
30311T5	Plumb bob	DTM	
<p>Cast steel and brass, 4" long, 1 1/2" wide blade, unsigned. This is a reworked munition from WWI or WWII.</p>			
32708T60	Plumb bob	DTM	
<p>Brass, 5 1/2" long, 4 1/2" diameter at top, signed "SUVERKROP INSTRUMENTS" BAKERSFIELD, CALIF U.S.A." "MICRO" "PATS PEND" and "12". http://www.davistownmuseum.org/pics/32708t60-2.jpg http://www.davistownmuseum.org/pics/32708t60-1.jpg</p>			
111900T10	Pocket screwdriver	DTM	
<p>Steel and rosewood, 4 1/4" long, signed "L S Starrett Co Athol Mass USA". DATM (Nelson 1999, 751) contains historical information on L. S. Starrett Co. http://www.davistownmuseum.org/bioStarrett.htm</p>			
TK1002	Pressed brick machine (U. S. patent model)	LPC	MH
<p>Bronze, cast steel and wood, 11" by 5 1/2" with a 7" diameter wheel keegs that extends 1 1/2" over the frame, unsigned. Patent received from Zephirin Vaurier Nov. 6, 1878. It appears that this brick making machine was never produced, but it is significant nonetheless as illustrating machines and machinery that supplant and then replace the more primitive wooden brickmakers' smoothing wheel on display across the street in the Liberty Tool Co.'s second floor Museum annex. Most U. S. patent models were lost in the great Smithsonian conflagration of ____. http://www.davistownmuseum.org/pics/tk1002.jpg http://www.davistownmuseum.org/pics/tk1002_p2.jpg</p>			
31908T42	Pry bar	DTM	
<p>Steel, 8 1/2" long, unsigned. This is a very small pry bar. http://www.davistownmuseum.org/pics/31908t42p1.jpg http://www.davistownmuseum.org/pics/31908t42p2.jpg</p>			
42801T18	Pry bar	DTM	
<p>Drop forged steel, marked with the distinctive Atha and horseshoe trademark enclosing the letter A.. http://www.davistownmuseum.org/bioStanley.htm</p>			

	Status	Location
<p>33002T13 Pry bar</p> <p>Malleable steel, 11 1/4" long, 1/2" wide pry, unsigned. The second pry is offset. This tool is for automotive use, possibly brake related. http://www.davistownmuseum.org/pics/33002t13.jpg</p>	DTM	
<p>TGB2204A Pulley (2)</p> <p>Cast iron, cast steel and wood, pulleys 3 3/4" long, 2" wide with 7/8" by 1 1/2" roller, other item 4 3/4" high, 2" diameter base, marked "31046" and "310 :..." on the two pulleys.</p>	DTM	
<p>914108T11 Punch</p> <p>Metal, 4" long, signed "WILLIAMS & PAGE" and "BOSTON". The "Twelfth Exhibition of the Massachusetts Charitable Mechanic Association at Faneuil and Quincy Halls, Boston" in 1874 (books.google.com) lists this company name as a maker of railroad supplies. There is an auction listing for a kerosene lamp made by them that was dated 1865.</p>	DTM	
<p>22211T7 Ratchet screwdriver</p> <p>Brass body, steel point, and wooden handle, 4" long, 1/2" wide body, and 1" long handle, signed "PAT. NO.". The rest of the mark is not legible. Part of the Robert Sullivan Collection donation.</p>	DTM	
<p>93011T18 Ratchetting screwdriver</p> <p>Cast steel, brass, and wood, 12" long, signed "DECATUR COFFIN CO." "DECATUR, ILLS." "PAT. OCT. 7-1884". The oil hole is marked "OIL". This company operated between 1872 and 1943 making spiral screwdrivers. Christopher H. Olson held the patent (Nelson 1999).</p>	DTM	TT
<p>33002T12 Recessed head screwdriver</p> <p>Wood and steel, 11 5/8" long including a 4 1/2" handle, signed on ferrule "R & P Mfg Co Worcester-Chicago USA", on handle "Reed & Prince Mfg Co Worcester Chicago recessed reed wood screws machine screws sheet metal screws", c. 1938. This tool is an excellent example of the age old tradition of using a manufactured tool for advertising purposes. Reed & Prince is connected to a spin-off / successor the Reed Small Tool Company which became Reed Rolled Thread Die Co. and is currently known as Reed-Rico, located in Holden, Mass. It is not connected with F. E. Reed or the Reed - Prentice Co., Worcester, MA, 1876 - 1895. Thank you to Alden Reed for the previous information on all the Reeds. http://www.davistownmuseum.org/pics/33002t12.jpg</p>	DTM	
<p>80802T1 Ring pliers</p> <p>Cast steel, 8" long, signed "FOR BETTER RING JOBS SPEEDY TOOL SALES LOS ANGELES 42 CALIF. MADE IN USA". http://www.davistownmuseum.org/pics/80802t1.jpg</p>	DTM	
<p>041505T19 Saw jointer with original box</p> <p>Sheet metal, 4 3/8" long, signed "PIKE". The box is also labeled with a logo containing "PIKE" and the following: "PERFECT SAW JOINTER Joints The Teeth Absolutely True An Excellent Skate Sharpener Fine for Meat Block Scrapers PIKE MANUFACTURING CO. PIKE, NEW HAMPSHIRE U. S. A." The Pike Co. was the East Haverhill, NH, clan of Alonzo (1860 - 1889) and Joseph Pike (1870 - ?), whetstone makers. The Pike Mfg. Co. went out of business in 1932. http://www.davistownmuseum.org/pics/041505t19.jpg</p>	DTM	
<p>30202T3 Saw set</p> <p>Drop forged steel and brass, 6 3/4" long, signed "E. C. Sterns & Co. Syracuse N.Y. USA". DATM (Nelson 1999, 752) indicates the Edward C. Stern Co. made saw vises, sets, wrenches, shaves, clamps, and other tools in Syracuse from 1877 to 1891. This saw set has small brass adjustment knobs. It is very similar to a Morrill patent saw set (1880). http://www.davistownmuseum.org/pics/30202t3.jpg</p>	DTM	
<p>12801T17 Saw set</p> <p>Drop forged iron, 8" long with 7 set sizes, signed "HOE & CO". DATM (Nelson 1999) lists R. Hoe & Co.'s working dates as 1828 - 1969 in New York and Boston. It did not list this exact mark. Hoe was a major manufacturer of saws, saw tools and later printing presses. This set is probably late 19th century. http://www.davistownmuseum.org/pics/12801t17.jpg</p>	DTM	
<p>32802T13 Saw set</p> <p>Iron and steel, 8" long, signed "Morrell's PAT. Dec 14 88". One of a wide variety of Morrell designs for saw sets, DATM (Nelson 1999) lists two patents, Feb. 24 and Dec. 14, 1880. This may not be the only unrecorded saw set patent. This design is rare; the 1880 patent designs were widely produced. Charles Morrell worked in New York city; DATM gives 1851 - 1920 as the working dates of the company with his name.</p>	DTM	

		Status Location
102503T4	Saw swage	DTM
<p>Steel, 4" long in a 4 3/4" long wood box, signed "The Simonds swage Fitchburg Mass No 8" also stamped "48". This tool comes with paper directions for use (with advertising on the back). It is also called a "ripset" on the paper label. It is used for shaping or spreading hand saw teeth.</p>		
112303T1	Screw box and screw tap	DTM
<p>Wood and steel, 3/4", signed "Imhoff & Lange" "Germany" "8" and "7/8". The screw box is accompanied by a 3/4" screw tap marked "3/4", "19" and "West Germany". It was received in November, 2003, from an anonymous donor. It is an excellent modern example of an age old woodworkers' tool. The purpose of this tool is to cut threads onto 7/8" dowels to be used as handles, etc. to be screwed into holes that have been threaded with a tap made to cut threads in a wooden hole. For example, it could be used for making wooden clamps with wooden screws.</p>		
122303T1	Screw box and screw tap	DTM
<p>Wood screw box and cast steel tap, 9 1/2" long, 2 1/16" wide, 1 3/4" deep box, 5 7/16" long, 7/8" wide tap, signed "IMHOFF & LANGE GERMANY" and "1" and "7/8" on box; "7/8" and "1" on tap.</p>		
91303T10	Screwdriver	DTM
<p>Steel and wood, 10" long, 3/4" wide blade, signed "The H. D. S. & Co Perfect Handle PAT Aug 26 03". H. D. Smith worked in Plantsville, CT, 1850 - 1930; the "Co" was added to the mark in 1901. His heavy duty screwdrivers and wrenches are among the most sought after of all tools by collectors.</p>		
111001T27	Screwdriver	DTM
<p>Wood, brass and steel, 7 3/4" long, 2 3/4" wood handle, signed "Stanley Yankee No 4595 Made in USA". Another classic Stanley tool from the early 20th century. http://www.davistownmuseum.org/bioStanley.htm</p>		
111900T11	Screwdriver	DTM
<p>Steel and wood, 4 1/8" long, signed "Stanley Hurwood Pat April 01 Made in USA". "Shortly after George Wood was granted the above patent (no. 671,039) on 2 April 1901, he went into business with John Hurley to manufacture screwdrivers. They set up a shop in Plantsville, Connecticut, and named the new company using their last names. The founding of the Hurwood Manufacturing Company marked the beginning of the 11 solid bar screwdriver." The company was sold to the Stanley Rule & Level Co. in 1904 (Jacob, June 2002, The Chronicle).</p>		
913108T43	screwdriver	DTM
<p>Steel and wood, 14" long, 8 1/2" long blade, signed "HSC 8 ATA" "PERFECT HANDLE" "MADE PLANTSVILLE CONN USA" the company name is obscured. DATM (Nelson 1999) indicates that H. D. Smith of Plantsville, CT, used the "perfect handle" trademark. His working dates were 1850 - 1900.</p>		
TJR2202	Screwdriver	DTM
<p>Cast iron and wood, 6 1/2" long, unsigned.</p>		
14302T17	Screwdriver	DTM
<p>Steel, 8" long, signed "Mullen Mfg. Co. Boston Mass Patented". No Mullen is listed in DATM (Nelson 1999) but this tool might be post 1900. An interesting design for a screwdriver.</p>		
913108T25	Screwdriver	DTM
<p>Steel, brass, and wood, 14 3/8" long, 4 3/4" long brass section, 5 1/4" long steel tip, signed "MADE BY" "F. A. HOWARD & SON" and "PAT. July 2". Franklin Augustus and William Russell Howard of Belfast, Maine, worked together from 1895 to 1901. http://www.davistownmuseum.org/bioHowardFhtm</p>		
31602T6	Screwdriver	DTM
<p>Wood, brass, iron and steel, 12" long, signed "Goodell Pratt".</p>		
30311T7	Screwdriver	DTM
<p>Steel and wood, 12" long, 1 1/2" wide, unsigned. Handmade from a file.</p>		

	Status	Location
<p>101701T18 Screwdriver</p> <p>Wood and steel, 7" long, signed "Stanley No 45 Made in USA". This is a classic example of Stanley's fine 20th century screwdrivers. http://www.davistownmuseum.org/bioStanley.htm</p>	DTM	
<p>81200T10 Screwdriver</p> <p>Steel, wood and brass, signed "Winchester Trademark Made in USA". http://www.davistownmuseum.org/pics/tjg1001a.jpg</p>	DTM	MHC
<p>31811T5 Screwdriver</p> <p>Steel, brass ferrule, wood handle, 5" long, 2" blade, unsigned. Possibly handmade.</p>	DTM	
<p>31011T3 Screwdriver bit</p> <p>Cast steel, 4 1/2" long, 1/2" wide, unsigned. The bit has been hand-shaped from steel bar stock and both ground to fit the brace and hand-forged to flatten it to form the screwdriver head.</p>	DTM	
<p>31311T10 Scribe (?)</p> <p>Steel with wood handle, 15" long, 1 1/2" wide, 2 3/4" blade, unsigned. This tool has a slightly curved handle holding a circular "blade" that was to be sharpened.</p>	DTM	
<p>TBL1001A Shingle rip</p> <p>Cast and/or forged steel, 24 3/4" long with 2" wide rip, signed "C DREW & CO KINGSTON MASS", c. 1850. This tool is on display above the fire exit. http://www.davistownmuseum.org/pics/tbl1001a.jpg http://www.davistownmuseum.org/bioDrew.htm</p>	DTM	MH
<p>102800T2 Slate trimmer</p> <p>Forged iron, 17 15/16" long with a 7 7/8" point for cutting holes in the slate, marked with the Belden Machine Co. bell with "DEN" stamped inside the bell. Belden began marking slaters' tools in New Haven, CT, in 1885 and among slate roofers are famous for their slate hammers.</p>	DTM	
<p>61204T13 Speed indicator</p> <p>Cast bronze, iron and steel, 3 3/8" long with a 1 1/4" diameter dial, signed "B. GALLAGHER MFGR" "LYNN MASS". DATM (Nelson 1999) lists Gallagher as working in Lynn, MA, around 1888. http://www.davistownmuseum.org/pics/61204T13.jpg</p>	DTM	
<p>22411T18 Spiral screwdriver</p> <p>Steel, brass, and wooden handle, 10 1/2" long, signed "F. A. Howard" "Maker" and "Belfast Me". This screwdriver has a special locking feature and a slot type drill bit. http://www.davistownmuseum.org/bioHowardF.htm</p>	DTM	
<p>22211T1 Spirit level</p> <p>Mahogany with brass vial cover, 24" long, 3 1/8" x 1 3/8", signed "WINCHESTER" "TRADE MARK" "MADE IN USA" and "#9811-24IN". It has a decorative routed hand grip. Part of the Robert Sullivan Collection donation.</p>	DTM	
<p>22211T2 Spirit level</p> <p>Mahogany with brass vial cover and end caps, 26" long, 3 1/4" x 1 3/8", signed "J. W. HARMON" "BOSTON" "MASS" in an arch. The brass end caps are only on the corners. The vial is protected on the sides with brass. Part of the Robert Sullivan Collection donation.</p>	DTM	
<p>22211T3 Spirit level</p> <p>Mahogany with brass vial cover and end caps, 26" long, 2 5/16" x 1 1/4", signed "SARGENT & CO" "NY" in a circle with "PAT. MAR" and "12 1878". The vial is protected on the sides with brass. Part of the Robert Sullivan Collection donation.</p>	DTM	

		Status	Location
22211T4	Spirit level		DTM
<p>Mahogany with brass vial cover and end caps, 24" long, 3 1/8" x 1 3/8", signed "STANLEY" "RULE & LEVEL CO" "NEW BRITAIN, CONN. USA" "PAT'D 5-8-06" "No 30" "TO ADJUST REMOVE PLATES" and "STANLEY ADJUSTABLE" on side sights. The sight is adjustable on all 3 level sights. Part of the Robert Sullivan Collection donation.</p> <p style="text-align: center;">http://www.davistownmuseum.org/bioStanley.html</p>			
22211T5	Spirit level		DTM
<p>Mahogany with brass vial cover, 29 1/2" long, 3 3/16" x 1 3/8", signed "LAMBERT MILLIKEN," " & " "STACKPOLE" "BOSTON, MASS" with an American Eagle w/shield. Part of the Robert Sullivan Collection donation.</p>			
041505T25	Spoke pointer		DTM
<p>Drop forged steel and cast iron, unsigned. A typical factory made tool of the late 19th century, this pointer is a handy tool for chair makers and wagon wheel makers.</p> <p style="text-align: center;">http://www.davistownmuseum.org/pics/041505t25.jpg</p>			
TCR1050	Stamp		DTM
<p>Forged steel and cast iron?, 4" long with 5/8" long arrow, signed "WRIGHT & SON Cin.ti. O.". This is an stamp used to mark an arrow. An internet search turned up this tidbit: one company "which struck bimetallic tokens is Wright and Sons of Cincinnati, Ohio. Their work was sometimes signed WRIGHT CIN. O. or WRIGHT & SON, CIN. O."</p>			
32708T49	Stapler		DTM
<p>Metal, 7" long, 2 1/2" wide, signed "MADE IN U.S.A." "PATENTED U.S.A. A.2-6-17" "PATENTED G.B. 3.26-15" "EVEREADY MFG. CO" "OF BOSTON" "U.S.A." with another "EVEREADY" in a diamond..</p> <p style="text-align: center;">http://www.davistownmuseum.org/pics/32708t49-1.jpg http://www.davistownmuseum.org/pics/32708t49-3.jpg</p>			
071704T3	Steam gauge		DTM
<p>Unknown, 8 1/4" long case, 6 5/8 long gauge, signed "Crosby Steam Gage and Valve Co. Boston U.S.A. & London, Eng.", c. 1875. This company is not listed in DATM (Nelson 1999). Its appearance signals the advent of the Industrial Revolution.</p>			
11301T2	Surveyors' transect		LPC
<p>Brass and alloy steel in a wood case with leather straps, 14" high, 12" telescope arm, 5" diameter compass dial, signed "Buff & Buff MFG Co 29870 Boston PAT 1674317". The case has a metal "Buff" label and a paper label on the case door with a photograph of the original Buff & Buff factory on Green St, Jamaica Plain. When it closed in the 1980's, Liberty Tool Co. cleaned out some of the contents of the Buff & Buff factory. One of a number of colored lithographs salvaged at this time is on display with this tool.</p> <p style="text-align: center;">http://www.davistownmuseum.org/pics/11301t2.jpg http://www.davistownmuseum.org/bioBuff.html</p>			
22311T12	Tack or nail remover		DTM
<p>Steel, 6" long, signed "BI-PED." "PAT. APLD. FOR". This tool has a plier-type lever action. Part of the Robert Sullivan Collection donation.</p>			
041505T30	Tap (wire) drill index		DTM
<p>Steel, 5 1/4" long, 1 5/8" wide, signed "T. F. WELCH BOSTON". Tools by this small, circa 1900, Boston-maker of jewelers' bench drills are very uncommon.</p> <p style="text-align: center;">http://www.davistownmuseum.org/pics/041505t30.jpg</p>			
914108T1	Tap wrench		DTM
<p>Metal, 7 3/4" long, 1" wide, signed "W. F. PAGE" and "NO. 1.". Possibly W. F. Page is the owner of this tool and not the maker. The name was stamped on it in 3 places.</p>			
102100T5	Tapping stock		DTM
<p>Cast steel, 7 1/4" long, unsigned.</p>			

		Status	Location
102100T16	Tinsnip		DTM
<p>11 3/4" long, 2 7/8" blade, signed "Peak, Stow & Wilcox West Berlin Ct 9". An early example of one of the most prolific tool makers of the industrial revolution (1870f.) This specimen clearly illustrates the junction of the steel cutting components with the drop-forged sections of the blades. In more modern tinsnips, this junction is no longer visible.</p>			
22311T3	Tool handle		DTM
<p>Rosewood and steel, signed "FRAY'S. PAT. AUG.7.83." The following steel tools are stored in the handle: straight chisel, curved chisel, scribe, small screwdriver, medium screwdriver, large screwdriver, awl, and tack remover. This patent is online at: http://www.google.com/patents/about?id=1OpMAAAAEBAJ&dq=fray+august+7+1883. Part of the Robert Sullivan Collection donation.</p>			
11301T8	Tool holder		DTM
<p>Drop forged steel, 6 3/4" long, 1 1/4" wide, signed "Cooper & Phillips Patented July 3, 1866 4". Another tool heralding the arrival of the Industrial Revolution with its new tool kits (tools that make other tools). DATM (Nelson 1999) does not list this signature. Who are Cooper and Phillips and where did they make tools?</p>			
22601T3	Trammels		DTM
<p>Steel, 4" beam, with a 3 1/2" high trammel, signed "L S Starrett Co. Athol Mass USA". DATM (Nelson 1999, 751) contains historical information on L. S. Starrett Co. http://www.davistownmuseum.org/bioStarrett.htm</p>			
30911T9	Trowel		DTM
<p>Cast steel, brass ferrule, and wood handle, 6" long, 2 1/2" x 1 1/2" blade, signed "DDBCON". The signature is hard to read. This may be a plasterers' trowel.</p>			
30911T10	Trowel		DTM
<p>Cast steel, steel ferrule, and wood handle, 9" long, 5" x 1 1/2" blade, signed "W. Germany" "83" and "WAG ___" "KONSTAN ___" possible owner's marks. The signatures are partly obscured. This may be a plasterers' trowel.</p>			
12900T9	Tubing cutter		DTM
<p>Die cast nickled alloy steel, signed "Imperial Brass, Chicago" and "94-F PAT. D-99190". For sale on eBay was a 1919 Imperial Brass Mfg. Co, Chicago IL, ad for Soap System For Sinks and a 1950s Imperial Brass Mfg. Co. ad for toilet flush valves. http://www.davistownmuseum.org/pics/51100t6.jpg</p>			
31811T9	Twist drill bit		DTM
<p>Milled cast steel, 8" long, 1" diameter, unsigned. Used with a brace.</p>			
22311T4	Veining tool		DTM
<p>Walnut and steel, 9" long, 1 1/2" wide, 1 1/8" deep, unsigned. The steel cutter is probably factory-made. It has a homemade wooden holder. Veining tools have the smallest sizes of straight gouges, with narrow yet deep "U" shaped cutting edges designed for roughing-out, and grooving small lines or areas. Part of the Robert Sullivan Collection donation.</p>			
090508T4	Wire gauge		DTM
<p>Steel, 5 1/8" long, signed "MAY & Co" "BOSTON" "WARRANTED" and "HARD". DATM (Nelson 1999, 520) indicates that S. May & Co. made leather tools, such as curriers' knives and scrapers.</p>			
121805T28	Wire gauge		DTM
<p>Steel, 4 1/2" long, signed "No. 1 DISSTON STANDARD PHILA.U.S.A." and then with sizes 1 - 26. A rare Disston gauge for "measuring sheet stock used in making saws. I believe this gage goes back to the time when there were no national standards for sheet, requiring individual companies to establish their own standards." Ray Larsen. http://www.davistownmuseum.org/pics/121805t28_p2.jpg</p>			

913108T31 **Wire-cutting pliers** Status Location
DTM

Metal, 5 1/2" long, signed "KRAEUTER U.S.A." including the quotation marks inside a rectangle with < > ends and "1821 5 1/2". Kraeuter & Co. were located in Newark, NJ from 1879 - 1931 and made calipers, chisels, hammers, leather tools, machinist tools, pliers, and wrenches. This is a nice example of a turn of the century tool made by one of America's premier toolmakers.

Miscellaneous Tools with English Marks

22411T21 **Hand vise** DTM

Cast steel, 6" long and 2" wide head, signed "P S STUBS".
<http://www.davistownmuseum.org/bioStubs.htm>

22411T24 **Inside/outside caliper** DTM

Cast steel with brass knob and copper rivet, 5" long and 2" wide closed, signed "P S STUBS".
<http://www.davistownmuseum.org/bioStubs.htm>

22411T20 **Shears** DTM

Forged steel, 9" long with a 2" blade, signed "W PA ____" "& SON" "SHEFFIELD" "ENGLAND" "HERRIC ____" and "COMPANY". These shears have a curved blade.

Other Woodworking Tools

111001T10 **Bit brace** DTM

Cast steel, brass, iron and rosewood, 15 3/8" high, 7 1/2" swing, signed "Miller's Falls Mfg Co." on upper arm and "Pat'd Apr. 10 67 no 0".
DATM (Nelson 1999) lists Miller's Falls Mfg. Co. from 1868 - 72 (formerly the Levi J. Gunn and Charles H. Amidon Co.) In 1872 they dropped the Mfg. to become Miller's Falls Co. (1872 - 1931). DATM also notes an 1877 patent hand brace for them but no 1867 brace. The patent date on this brace clearly states 67.
<http://www.davistownmuseum.org/bioMillersFalls.htm>

032203T12 **Bit brace** DTM

Steel, brass and wood, 14" long with a 5" swing, signed "The Davis Level & Tool Co Springfield Mass" "Pat April 17, 1883 Oct 14, 1884".
Davis Level & Tool Co. made levels, dividers, machinist and other tools in Springfield, MA, from 1875 to 1892. Prior to 1875, their tools were marked "Davis Co." (1867 - 1875). These tools are considered among the finest produced by American toolmakers in the 19th century.
http://www.davistownmuseum.org/pics/032203t12_p2.jpg
<http://www.davistownmuseum.org/bioDavis.htm>

22601T1 **Bit brace** DTM

Cast steel, 12" high, 6 1/2" wide wheel, 1/4" chuck, signed "The Jacob Mfg Co. Hartford Conn USA" and "Patented Sept 16 1907".
DATM (Nelson 1999) lists a Jacobs Mfg. Co. in Danielson CT, n.d. An unusual bit brace with a very large wheel and a twisted stock. Possibly one of a kind or a limited edition; never seen before by the curator.

22311T6 **Brace** DTM

Steel with wooden handle and grip, 10 1/2" long, 4 1/2" wide, unsigned.
This brace has a 3/8" square lever style chuck. Part of the Robert Sullivan Collection donation.

22311T5 **Brace** DTM

Steel, 10 1/2" long, 6" wide, signed "SPOFFORD'S PAT." "MAR. 23. 80".
This is an all steel brace with a 3/8" square lever style chuck. The patent holder is Nelson Spofford of Haverhill, MA. Patent 225,768 is online at: <http://www.google.com/patents/about?id=PV1kAAAAEBAJ&dq=SPOFFORD+Mar+23+1880>. Part of the Robert Sullivan Collection donation.

41203T3A **Center bit** DTM

Cast steel, signed "J Booth & Son".
DATM (Nelson 1999) lists this company's working dates from 1850 - 1854 in Philadelphia, PA.

41203T3B **Center bit** DTM

Cast steel, signed "H. Boker".
DATM (Nelson 1999) lists this company's working dates from 1837 - 1969, no location given. Most Boker tools were imported from Germany (pg. 98).

	Status	Location
<p>41203T31 Center bit</p> <p>Cast steel, signed "J. BEE CAST STEEL". DATM (Nelson 1999, 993) indicates James Bee, 1814, is a foreign maker of braces and bits.</p>	DTM	
<p>41203T3J Center bit</p> <p>Cast steel, signed "Spears & Jackson". Another well known Sheffield, England, manufacturer.</p>	DTM	
<p>41203T3H Center bit</p> <p>Cast steel, signed "W. Greaves & Sons Steel Works". A famous and prolific Sheffield, England, manufacturer.</p>	DTM	
<p>41203T3D Center bit</p> <p>Cast steel, signed "Thiele & Quack". DATM (Nelson 1999, 782) list this company as making bits and dies with no location or date.</p>	DTM	
<p>41203T3G Center bit</p> <p>Cast steel, signed "___ Wells & Co Cast Steel". DATM (Nelson 1999) lists a T. E. Wells with working dates from 1850 - 1854 in Philadelphia, PA.</p>	DTM	
<p>41203T3E Center bit</p> <p>Cast steel, signed "Walter & Co. Cast Steel". This company is not listed in DATM (Nelson 1999); probably a Sheffield, England, manufacturer.</p>	DTM	
<p>41203T3F Center bit</p> <p>Cast steel, signed "Stortz & Son". DATM (Nelson 1999) lists this company's working dates from 1853 - 1972 in Philadelphia, PA.</p>	DTM	
<p>41203T3C Center bit</p> <p>Cast steel, signed "Bagshaw & Field". DATM (Nelson 1999) lists this company's working dates from 1881 - 1931 in Philadelphia, PA. Walter Bragshaw was working in Philadelphia as early as 1866 (pg. 47).</p>	DTM	
<p>040103T14 Expansive bit</p> <p>Drop forged steel, 9 1/4" long, signed "DAVIS THE HARDWARE MAN". Who is Davis the hardware man?</p>	DTM	
<p>52403T6 Framing clamp</p> <p>Dropped forged iron, 7 3/4" long, 4 5/8" wide when closed, unsigned. An excellent example of late 19th century tool designing ingenuity. This tool appears very useful as a frame clamp -- but this design is no longer manufactured.</p>	DTM	
<p>112400T1 Hand drill</p> <p>Steel and wood, 14" long, signed "MADE IN USA No. 2A MILLERS FALLS TOOLS GREENFIELD, MA", c. 1950. http://www.davistownmuseum.org/pics/112400t1_p1.jpg http://www.davistownmuseum.org/bioMillersFalls.htm</p>	DTM	
<p>41801T9 Miniature brace</p> <p>Cast iron, steel and wood, 7 7/8" long, takes at most a 1/8" diameter bit, unsigned. This is probably a Miller's Falls product. A collectable tool from the classic period of the Industrial Revolution. http://www.davistownmuseum.org/bio#bioMillersFalls.htm</p>	DTM	
<p>102100T22 Mortising bit</p> <p>Wood, 8 1/2" long, 3/4" diameter, signed "Greenlee Rockford ILL MADE IN USA". DATM (Nelson 1999, 333) indicates Greenlee Bros. & Co. moved from Chicago to Rockford, IL, in 1905. This modern mortising bit is almost 50 years newer than the Miller's Falls mortising machine that can still utilize this distinctive wood bit. Notice the two circular indentations for securing this type of bit in a mortising machine.</p>	DTM	

		Status	Location
82500T3	Mortising machine		LPC
<p>Cast iron, signed M.F.Co. Millers Falls Mass, c. 1885. Prototypical mortising machine of the late 19th century. Used in shipyards and for barn building to cut the mortise for tenons. This tool dates from before the age of electric powered hand tools. http://www.davistownmuseum.org/pics/82500t3.jpg http://www.davistownmuseum.org/bioMillersFalls.htm</p>			
111001T28	Nail holder		DTM
<p>Drop forged iron, 6" long, signed "Williams Nail Holder & Guide Patent 1688446". A very uncommon tool. DATM (Nelson 1999) notes Williams only as a maker of lemon squeezes and rules, no mention of nail holders.</p>			
30202T9	Pattern		DTM
<p>Cast steel, 5" long base, 1 1/2" wide at top, 2 3/4" wide at bottom, 5/8" high, marked "5". The pattern is superimposed on the base. It appears to be a one piece steel casting of unknown use.</p>			
31501T4	Peen adz		DTM
<p>Cast steel, 33" long, 4 3/4" wide blade, signed "A DRAUDAY" or "A DRAUBAY" "PAT JUNE 8, 1875" (?). No such maker is listed in DATM (Nelson 1999). This adz has a very distinctive fitted peen and handle ferrule. The ferrule attachment, which protects the wooden handle, is 8" long and is fitted over the adz peen.</p>			
22211T36	Two speed hand drill		DTM
<p>Cast iron, steel, and a wooden handle, 12" long, signed "MILLERS FALLS CO." "MADE IN USA" "MILLERS FALLS, MASS" "No 5" and their triangle logo. This drill has two gears, which allow changing it to different speeds. The drills can be stored in the handle. Part of the Robert Sullivan Collection donation. http://www.davistownmuseum.org/bioMillersFalls.htm</p>			

Patternmakers' Tools

42904T4B	Crane-head-necked gouge		DTM
<p>Cast steel, brass ferrule, wooden handle, 12" long including 5 1/4" handle, 1/12" wide, signed "BUCK BROS" with a buck touchmark. Shank needle gouge. http://www.davistownmuseum.org/pics/42904t4b-2.jpg http://www.davistownmuseum.org/bioBuckBrothers.html</p>			
42904T4A	Cranehead-necked gouge		DTM
<p>Cast steel, brass ferrule, wooden handle, 12 1/2" long including 5 1/4" handle, 11/16" wide, signed "BUCK BROS" with a buck touchmark. http://www.davistownmuseum.org/pics/42904t4a-2.jpg http://www.davistownmuseum.org/bioBuckBrothers.html</p>			
121600T4	Lifter		DTM
<p>Cast steel, 11" long, signed "Monk". This is a patternmakers' smoothing tool used in cleaning and finishing the bottom and sides of deep narrow openings in molds used in foundry work. See page 18 of "Founders Work" by Stimpson, Gray and Grennan. DATM (Nelson 1999) lists a Monk as a maker of molders' tools, ca. 1894, location unknown.</p>			
30202T14	Patternmakers' burnisher		DTM
<p>Cast brass, 4 3/4" long, 1/2" and 3/8" diameter heads, unsigned. This tool was used by a patternmaker for smoothing the surfaces of sand molds prior to casting. http://www.davistownmuseum.org/pics/30202t14.jpg</p>			
913108T35	Patternmakers' drawshave		DTM
<p>Steel, brass trim, and wooden handle, 5 1/2" wide, 2 3/4" long blade, unsigned.</p>			
913108T2	Router		DTM
<p>Steel blade, brass, wooden knobs, 4" long, 1/4" wide blade, unsigned.</p>			

Patternmakers' Tools - H A Cobbett Group

The H A Cobbett group is a small hoard of patternmaker's tools obtained by a 20th century patternmaker living near Worcester, MA, who sold the lot with other patternmaker's tools to the Liberty Tool Co., ca. 1998. Cobbett was the original owner, but did not make most of these tools.

42801T4 Center finder gauge DTM

Steel, 7 7/8" long, 3 11/16" wide horizontal cross guide, signed "H A Cobbett" by the owner/maker. Another essential component of the patternmakers' tool kit.

42801T2 Inside calipers DTM

Steel, 4 5/8" long, signed "H A Cobbett" by the owner. Distinctively stylized ladyleg calipers with a silhouetted head. Possibly owner made. An excellent example of an American folk art tradition: American patternmakers' ladylegs caliper.

40501T1 Patternmakers' gouge DTM

Cast steel, brass, and wood, 11" long, 1 1/4" wide blade, 5" long handle, signed "Corbett" on handle.

42801T3 Patternmakers' tools (4) DTM

Brass and steel, 3 are 3 1/2" long with 1 1/2", 1 1/8" & 1" cutters; the other is 2" long, 1 1/4" wide, 1 1/2" cutter, unsigned, c. 1865 - 1885. These are all planes, three are shavers and the other is a spoke-shave type rounding plane. They were all found in the Corbett collection; no owner signatures.

<http://www.davistownmuseum.org/pics/42801t3.jpg>

42801T1 Shrink rule DTM

Boxwood and brass, 24" long, signed "Stanley Rule & Level Co., New Britain, CONN USA No 30 1/2 1/4 in per ft shrinkage". Sets of shrink rules were essential for judging shrinkage as a result of cooling of various metals in molds used in foundry work. Patternmakers constructed the wood molds for the casting the machinery used in the factories. This was found in the Cobbett collection; no owner signature.

<http://www.davistownmuseum.org/bioStanley.htm>

Planes made in Maine

42607T3 Convex block plane DTM

Cast steel, iron, and beach, 7 5/8" long, 2 1/2" wide with a curved 2 1/8" wide blade, signed "Orin Hardin" and on the blade "warrented cast steel" with an obscured signature. The blade is clearly steeled (steel welded on iron), showing the use of cast steel as a weld steel. At least 20 of Orin Hardin's planes were recovered in 3 tool chests accompanied by eight J. C. Jewett planes. Both were Waterville, Maine, planemakers.

<http://www.davistownmuseum.org/publications/volume10.html>

Quarrying Tools

032103T5 Miners' pick (?) DTM

Forged iron, 13" long, 3" handle socket, marked "2225". This turn of the century tool has an unusual form and a Kenneth Lynch provenance indicating he collected it in France or Spain in the third half of the 20th century and brought it to this country with the other tools he collected.

<http://www.davistownmuseum.org/pics/032103t5.jpg>

<http://www.davistownmuseum.org/bioLynch.htm>

Saws

30311T6 Back saw DTM

Cast steel, steel, brass rivets, and wooden handle, signed "KENYON" and "J. D." owner's mark. DATM (Nelson 1999, 445) lists Kenyon as a saw maker with no location or dates.

040103T6 Back saw DTM

Cast steel, brass, and apple wood handle, 15" long, 10" blade, signed "C. H. BILL & SON WALTHAM MASS" "SPRING STEEL WARRANTED" and an eagle medallion. This mark is not listed in DATM (Nelson 1999) nor has the curator, who was born in the town adjacent to Waltham (Newton), ever seen this mark in 33 years in the tool business. A finely made back saw with a beautiful applewood handle.

http://www.davistownmuseum.org/pics/040103t6_p1.jpg

http://www.davistownmuseum.org/pics/040103t6_p3.jpg

Davistown Museum Inventory of Tools - Industrial Revolution - Other

Saws

		Status	Location
92911T16	Backsaw	DTM	TT
<p>Cast steel, brass, and wooden handle, 13" long blade, 8" wide tapering to 2 1/2" wide, signed "R. GROVES & SON" "BEE HIVE WORKS" "SHEFFIELD" "SILVER STEEL" "ELASTIC SPRING TEMPER" "WARRENTED GOOD". This saw has hardwood handles with brass screws.</p>			
92911T15	Backsaw	DTM	TT
<p>Cast steel, brass, and wooden handle, 10" long blade, 6" wide tapering to 1" wide, signed "R. GROVES & SON" "SHEFFIELD" "CAST STEEL" "ELASTIC SPRING TEMPER" "WARRENTED". This saw is also called a floor saw or veneer saw. It's blade stiffener is made of brass.</p>			
92911T17	Backsaw	DTM	TT
<p>Cast steel, wooden handle, 18" long blade, 14" wide tapering to 3 1/2" wide, signed "I COLBECK" "CAST STEEL". The mark could be a J or I.</p>			
31602T15	Buck saw	DTM	
<p>Steel and pressed wood, 34 1/2" long with 32" blade, signed "Lumber Products Co. Lewiston Maine" "Patented USA Jan 15 1918" "Patented Canada Jan 22 1918". An interesting early 20th century Maine buck saw. Donated to The Davistown Museum by Michael Ross.</p>			
41302T3	Hacksaw	DTM	
<p>Steel, brass and wood, 19 1/2" long, 14 5/8" adjustable frame, signed "No 6 Millers Falls Co. Millers Falls Mass USA" with their star cartouche. An uncommon example of an unusual early Millers Falls hacksaw design. http://www.davistownmuseum.org/bioMillersFalls.htm</p>			
92911T18	Hand saw	DTM	TT
<p>Cast steel and wood, 25" long blade, 5" wide, signed "_WECL & GR__HS" "BOSTON" "CAST STEEL" "WARRENTED". The signature was poorly stamped and not very legible. Possibly this is Welch & Griffiths, who made saws in Boston from 1830 to 1871?</p>			
12103T1	Ice saw	DTM	
<p>Forged wrought iron, 48" long, 6" wide, with 16" long and 2" wide wooden handle, unsigned.</p>			
41801T12	Keyhole saw	DTM	
<p>Cast steel and brass, 19 1/2" long, 14" blade, obscured mark on the blade followed by "Warranteed Cast Steel". There's nothing unusual about this run of the mill keyhole saw except the early eagle brass (H. Disston style) and the obscured mark.</p>			
41801T8	Meat saw	DTM	
<p>Cast steel, brass and wood, 22 1/4" long, blade 16" long, 7/16" wide, signed "EDWARD J. HOLDEN & Co NEW YORK CAST STEEL WARRANTED". DATM (Nelson 1999) lists this company in New York and Brooklyn in 1870 - 1871. This saw has the distinctive American eagle brass also characteristic of H Disston saws of the period. A very rare maker's mark.</p>			
913108T28	Saw	DTM	
<p>Silver steel, brass trim, wooden handle, 22" long, signed "CHANDLER & BARBER" "SILVER STEEL WARRANTED" "BOSTON , MASS." and with a circle with an eagle in the middle and "WARRANTED SUPERIOR". Chandler & Barber were hardware dealers who marked this saw with their trademark. It was made by Henry Disston, whose eagle trademark is also on the saw. http://www.davistownmuseum.org/bioDisston.html</p>			

Shipwrights' and Mariners' Tools

102800M9	Compass (mariners)	DTM	MHC-K
<p>Cast steel, 3" long, signed by owner "W.F. Blake". http://www.davistownmuseum.org/bioKnoxEngine.htm</p>			

62406T4 **Lipped adz** DTM

Cast steel, 10 3/4" long, 2 5/8" peen, 5" wide cutting edge, 31" wood handle, signed "Collins & Co Hartford cast steel warranted legitimus" with a hammer touchmark on the handle.
 The classic Collins shipwrights' adz, unused, with the original black and gold paper label stating "Look for the stamp if you want the genuine Collins & Co Hartford".

<http://www.davistownmuseum.org/pics/62406t4.jpg>

30911T7 **Marlin spike** DTM

Cast steel, 12" long, 1" wide, unsigned.

30311T2 **Marlin spike** DTM

Cast iron, 15 1/2" long, 1" wide, unsigned.
 It is used to splice wire rope.

22211T17 **Ship's bevel rule** DTM

Boxwood and brass, 12" long, 5/8" wide, 3/8" thick, signed "No 42", c. 1900.
 It has two brass blades, one 6 1/2" the other 3 1/2". Part of the Robert Sullivan Collection donation.

22211T18 **Ship's bevel rule** DTM

Hardwood and brass, 12" long, 5/8" wide, 3/8" thick, unsigned.
 This rule is homemade with a single blade marked with graduations but no numbers. Part of the Robert Sullivan Collection donation.

Silversmithing Tools

92911T14 **Hammer** DTM TT

Cast steel, wood, and brass, 11" long with handle, 4" long by 1 1/2" wide heads, unsigned.
 This silversmith's hammer is used for chasing and forming. It has two heads with hand-forged brass caps. The handle is wooden.

22311T10 **Horn mallet** DTM

Wooden, 10" long, 4" head, unsigned.
 Handmade. Part of the Robert Sullivan Collection donation.

30202T8 **Jewelers' dies (13)** DTM

Steel, 1 1/4" x 1/2" up to 2 7/8" x 5/8", one is 1 7/8" diameter, unsigned.
 These are associated with the jewelers' dies from Providence, RI and Attleboro, MA.

32802T2 **Jewelers' dies (lot of 6)** DTM

Cast steel, from 2 to 2 3/4" square and 3 to 3 3/8" high, signatures include (1) "O NEIL Attleboro Mass" with eagle touchmark, (1) "MFRS SUPPLY CO PROV RI", (3) "WHM & SONS MFRS PROV RI" and (1) "GD KING & SONS ATTLEBORO".

<http://www.davistownmuseum.org/pics/32802t2.jpg>

71401T8 **Jewelers' saw** DTM

Steel, brass and rosewood, 8" long, 4" handle, signed "M F Millers Falls Mass USA".
 An exquisite example of a rather uncommon early Millers Falls Co. tool from the heyday of New England tool manufactories.

<http://www.davistownmuseum.org/bioMillersFalls.htm>

TKD1302 **Silversmiths' doming hammer** DTM

Drop forged steel?, 4 1/4" long with a 1" diameter face, marked "24" with an obscure touchmark on the reverse side, c. 1880-1910.
 Another specimen from the large tool collection purchased from Kenneth Lynch by the Liberty Tool Co.

<http://www.davistownmuseum.org/pics/tjg1001a.jpg>
<http://www.davistownmuseum.org/bioLynch.htm>

Unidentified Tools

31602T1 **Hammer** DTM

Steel with a wood handle, 15 1/2" long, 4 11/16" wide, marked "4" meaning four pounds.
 The hammer head is faceted. The use is unknown.

<http://www.davistownmuseum.org/pics/31602t1.jpg>

Davistown Museum Inventory of Tools - Industrial Revolution - Other

Unidentified Tools

	Status	Location
31602T8 Hammer	DTM	
Steel with wooden handle, 11" long with head 4 1/2" long and 5/8" wide, obscure etched mark "MOR___S Woburn Mass, Chicago USA" and a logo. This hammer was found together with the hammer 31602T1. http://www.davistownmuseum.org/pics/31602t8.jpg		
31811T30 Sod cutter (?)	DTM	
Hand-forged malleable iron, 17" long, "Y" shaped end 4 3/4" long and 6 1/4" wide, signed "STINSON". This is an unusual configuration for a tool, which has been hand-forged and welded, perhaps for a special use. http://www.davistownmuseum.org/bioUnderhillandbrown.html		
81801T15 Unidentified tool	DTM	
Steel with wood handle and metal ferrule, 3/4" diameter blade, marked "Patented 12-5-09". This small hand tool has a looped attached to a blade and a modern style handle. What was its use?		
81801T14 Unidentified tool	DTM	
Drop forged iron with wood handle and brass ferrule, 12 3/4" long, 7 1/2" pistol grip, 9/16" wide, marked "PAT Feb 6 1877". Unknown use, but resembles a curling iron, but with a wider, flatter iron.		
913108T38 Unidentified tool	DTM	
German steel, iron ferrule, and wooden handle, 6 3/8" long, 3 1/2" long blade, signed "PEGGIANO BAKATTA" and "PARMA". This is an Italian mark; possibly it is a leather cutting tool?		
31811T26 Unknown tool	DTM	
Wood with a steel bracket, 21" long, unsigned. This possible coopers' tool has a tapered wood handle with steel "L" shaped bracket threaded and secured to the handle with a standard sized nut.		
31811T25 Unknown tool	DTM	
Wood with a steel bracket, 22" long, unsigned. This possible coopers' tool has a tapered wood handle with steel "L" shaped bracket threaded and secured to the handle with a standard sized nut.		
31811T24 Unknown tool	DTM	
Lignum vitae, 9" long, 1 1/2" wide, 3/8" high, unsigned. This tool came from a patternmaker's shop. The curved side with a dovetail cutout is a possible holding fixture.		
31811T23 Unknown tool	DTM	
Lignum vitae, 14 3/8" long, 2" wide, 1/2" high, unsigned.		

Watchmakers and Jewelers' Tools

32502T36 Divider legs (2)	BDTM	
Iron, 6 3/4" long on 1/16" diameter iron bar stock, unsigned. http://www.davistownmuseum.org/bioEpstein.htm		
32502T16 Gouge	BDTM	
Cast steel with cellulite handle, 2" long, 5?16" wide gouge and 3" long handle, unsigned. http://www.davistownmuseum.org/bioEpstein.htm		
31011T8 Hammer head	DTM	
Cast steel, 3 1/2" long, 3/8" diameter round head with curved claw, unsigned.		
31311T1 Hammer head	DTM	
Cast steel, 4 1/2" long, 1/2" wide, unsigned. This is known as a staking, watchmakers, or jewelers hammer.		
32502T19 Hold down screws (2)	BDTM	
Brass with beech handle, 3 1/4" long handle, unsigned. http://www.davistownmuseum.org/bioEpstein.htm		

- 22211T24 **Jewelers' fret saw** DTM
 Steel with a hardwood handle, 12" long, 5 1/2" wide, 6" blade, signed "MADE IN GERMANY".
 Part of the Robert Sullivan Collection donation.
- 32502T14 **Jewelers' hammer** BDTM
 Drop forged steel?, 2 7/8" x 7/16" diameter face with a 3/8" wide cross peen, marked "France".
<http://www.davistownmuseum.org/bioEpstein.htm>
- 32502T48 **Pliers-type tools (4)** BDTM
 Cast steel, 4 3/8" to 4 3/4" long, signed "Lindstrom Sweden", "Halle IT Co", "T H Brown" and "P S Studeay".
<http://www.davistownmuseum.org/bioEpstein.htm>
- 32502T35 **Punches (3)** BDTM
 Malleable iron, 3" to 3 1/2" long, one signed "L S Starret", c. 1920.
<http://www.davistownmuseum.org/bioStarrett.htm>
<http://www.davistownmuseum.org/bioEpstein.htm>
- 41302T12 **Thread gauge** DTM
 Cast steel, 2 7/8" long, signed "GARANTIE" and "MARTIN FILS Made in Switzerland SWISS MADE".
 This is a miniature jewelers' tool.
- 32502T32 **Tweezers** BDTM
 Cast steel, 5 7/8" long, signed "L Silverman Germany", c. 1920.
 Double ended.
<http://www.davistownmuseum.org/bioEpstein.htm>
- 32502T33 **Wire cutter** BDTM
 Drop forged malleable steel (?), 4 3/16" long, obscure mark, c. 1920.
<http://www.davistownmuseum.org/bioEpstein.htm>

Woodworking Tools

- 22311T11 **Dowel pointer** DTM
 Cast steel, 5" long, 2 3/4" wide, unsigned.
 This tool is also called a dowel trimmer. It is used by a chairmaker for tenon chamfering. Part of the Robert Sullivan Collection donation.

Wrenches

- 32708T63 **Adjustable box wrench** DTM
 Metal, 8" long, signed "WAKEFIELD WIZARD" "No 120" "PATENTS PENDING" "IN U.S.A." "AND FOREIGN COUNTRIES"
 "MADE IN WORCHESTER. MASS U.S.A."
 This companies working dates were from 1891 - 1900.
<http://www.davistownmuseum.org/pic/32708t63-3.jpg>
<http://www.davistownmuseum.org/pic/32708t63-1.jpg>
- 111206T2 **Adjustable wrench** DTM
 Low carbon steel, unsigned.
 This mid to late nineteenth century wrench illustrates the juxtaposition of a hand worked twisted handle with the drop forged jaws characteristic of machine made fabrication.
- 62202T6 **Adjustable wrench** DTM
 Steel with cast lead handle, 5 7/8" long, signed "Goodell Pratt Company TOOLSMITHS Greenfield Mass USA".
 This is the only example of this wrench we have encountered in 30 years.
<http://www.davistownmuseum.org/pics/62202t6.jpg>
- 51201T1 **Adjustable wrench** DTM
 Drop forged steel, 3 3/8" long, signed "J. R. Long Wrench Co. PAT. APR. AKRON, OHIO 17, 1906".

		Status	Location
TCZ1001	Adjustable wrench		DTM
<p>Drop forged steel, 6" long, marked "B&C" and "6 IN.".</p> <p>This wrench has an "S" type handle. Bemis & Call Co. manufactured wrenches in Springfield, Ma. ca. 1860-1875. This tool signals the arrival of the Industrial Revolution and mass production of tools.</p> <p style="text-align: center;">http://www.davistownmuseum.org/pics/tjg1001a.jpg</p>			
TCZ1002	Adjustable wrench		DTM
<p>Drop forged steel, 6" long, signed "BUFFALO" and "BARCALO" and marked "6".</p> <p>"S" type handle. DATM (Nelson 1999, 56) reports these marks on an adjustable crescent style wrench and that the "Buffalo" might be a brand name rather than referring to Buffalo, NY. The website "http://www.alloy-artifacts.com/barcalo-buffalo.html" indicates that there was a Barcalo Manufacturing in Buffalo, NY, 1896 - 1960s. Eventually, this company became more famous for the Barcalounger chair.</p> <p style="text-align: center;">http://www.davistownmuseum.org/pics/tjg1001a.jpg</p>			
TCZ1003	Adjustable wrench		DTM
<p>Drop-forged steel, 8" long, signed "ROBINSON" and "DROP FORGED STEEL".</p> <p>Robinson is listed in DATM (Nelson 1999, 665) as a wrench-maker with a patent of June 16 1885 but without a location.</p> <p style="text-align: center;">http://www.davistownmuseum.org/pics/tjg1001a.jpg</p>			
041505T20	Adjustable wrench		DTM
<p>Drop forged steel, 7 1/4" long, signed "GORDON" "AUTOMATIC" "PAT'D USA".</p> <p>Gordon is listed in DATM (Nelson 1999) with no dates or location. It is not listed in Cope and Schultz.</p> <p style="text-align: center;">http://www.davistownmuseum.org/pics/041505t20.jpg</p>			
041505T16	Adjustable wrench		DTM
<p>Drop forged steel, 8" long, signed "Walworth CompanyMade in USA" and "WALCO PIPE WRENCH".</p> <p>This is the bottom wrench in the photograph.</p> <p style="text-align: center;">http://www.davistownmuseum.org/pics/041505t15.jpg</p>			
52602T38	Adjustable wrench		DTM
<p>4 1/4" long, signed "HAWKINS DERBY. CT".</p> <p>DATM (Nelson 1999) states that Hawkins Hdw. Mfg. Co. made wrenches patented by William Baxter Dec. 1 1868.</p>			
32708T52	Adjustable wrench		DTM
<p>Metal and brass, 6 7/8" long, head 2" long and 1 3/8" wide, signed "EVANS WRENCH CO." "FALL RIVER" "MASS." and "PAT NO. 1728282".</p> <p>Evans Wrench Company started in 1880.</p> <p style="text-align: center;">http://www.davistownmuseum.org/pics/32708t52-1.jpg</p> <p style="text-align: center;">http://www.davistownmuseum.org/pics/32708t52-2.jpg</p>			
52603T1	Adjustable wrench		DTM
<p>German steel, 4 1/2" long, 2" wide, signed "Avaokra".</p>			
101400T13	Adjustable wrench		DTM
<p>Dropped forged steel, 12" long, unsigned.</p> <p>Typical S-curved adjustable wrench.</p> <p style="text-align: center;">http://www.davistownmuseum.org/pics/tjg1001a.jpg</p>			
52603T23	Adjustable wrench		DTM
<p>7 1/4" long, signed "F.E. WELLS & SON CO." "GREENFIELD MASS. USA" "8" "2ND".</p> <p>"In 1900 Frederick E. Wells left the Wells Brothers Co. and, with his son, formed the F. E. Wells & Son Co. to manufacture pipe threading tools." (http://vintagemachinery.org/MfgIndex/detail.aspx?id=877)</p>			
041505T15	Adjustable wrench		DTM
<p>Drop forged steel, 18" long, signed "Walworth CompanyMade in USA" "WALCO PIPE WRENCH" "PATENT NO 1862002" and "18".</p> <p>Walworth was a Boston manufacturer and the first maker of the Stilson wrench (1882) of which there is a later variation. See the acrylic on canvas artwork of Alan Magee for a ca. 2000 interpretation of this tool. This is the top wrench in the photograph.</p> <p style="text-align: center;">http://www.davistownmuseum.org/pics/041505t15.jpg</p>			

		Status Location
032203T6	Adjustable wrench	DTM
<p>Drop forged steel, 5" long, signed "ACME MADE IN USA PAT. FEB 27, 83".</p> <p>This nifty little wrench is typical of the American factory-made tools that were appearing in great quantities after the Civil War. With the Industrial Revolution underway at full blast by 1880, a typical ships' carpenter or shipyard worker needed a wide variety of hand tools to execute a much broader range of work assignments than just building a wooden ship. Modern navigation instruments and marine fittings might necessitate the use of a mundane wrench such as this.</p> <p style="text-align: center;">http://www.davistownmuseum.org/pics/032203t6_p3.jpg http://www.davistownmuseum.org/pics/032203t6_p2.jpg</p>		
30202T5	Adjustable wrench	DTM
<p>Drop forged steel, 5 1/4" long, signed "TRIMO EMERGENCY" "Pat'D Drop Forged" on handle and "TRIMONT MFG CO ROXBURY MASS" "188997" "TRIMO 6".</p> <p>A rare and unusual Tremont wrench. DATM (Nelson 1999) lists Tremont Wrench as in business 1889 - 1920. This example is not pictured in Cope's American Wrench Makers.</p> <p style="text-align: center;">http://www.davistownmuseum.org/pics/30202t5.jpg</p>		
32708T47	Adjustable wrench	DTM
<p>Metal and wood, 11" long, signed "BEMIS & CALL H & T" and "SPRINGFIELD, MASS USA".</p> <p>This wrench is also marked with two figure 8-like marks.</p> <p style="text-align: center;">http://www.davistownmuseum.org/pics/32708t47-2.jpg http://www.davistownmuseum.org/bioBemis.html</p>		
52603T12	Alligator wrench	DTM
<p>Drop-forged low carbon steel, 9 3/4" long, signed "MADE IN USA" "TWIN" and with a W in a diamond.</p>		
52603T13	Alligator wrench	DTM
<p>Drop-forged steel, 8" long, signed "THE S. and T. WRENCH".</p>		
31908T40	Alliigator wrench	DTM
<p>Steel, 8 1/4" long, signed "THE K & B CO." and "NEW HAVEN CT" on one claw and "SAXON" on the other claw. This mark is from the Kilburn & Bishop Co.</p> <p style="text-align: center;">http://www.davistownmuseum.org/pics/31908t40p4.jpg http://www.davistownmuseum.org/pics/31908t40p1.jpg</p>		
TJF1005	Box wrench	DTM
<p>Drop forged steel, 19 1/2" long, 1 3/8" box, 1/58" box, signed "Hinckley Myers J 602", c. 1900.</p>		
31908T41	Box wrench	DTM
<p>Chromium vanadium steel, 9 3/4" long, signed "11/16 PERFECTION NoP-27 5/8" and on the other side "CHROMIUM VANADIUM".</p> <p style="text-align: center;">http://www.davistownmuseum.org/pics/31908t41p1.jpg http://www.davistownmuseum.org/pics/31908t41p2.jpg</p>		
062207T2	Carriage-makers' wrench	DTM
<p>Malleable drop-forged iron, signed "Reed & Co. Higgsaum CT".</p> <p>This wrench was patented by T. H. Remington on May 21, 1878. There is a photo of the patented wrench in Cope (1999, 206).</p>		
040103T13	Claw wrench	DTM
<p>Drop forged steel, 13 1/2" long, signed "LeClaw Wrench Co. Chicago USA Pat'd Feb 6 1912".</p> <p>A hefty tool with great sculptural qualities. It's not an early tool, but is too interesting to sell at Liberty Tool Co.</p> <p style="text-align: center;">http://www.davistownmuseum.org/pics/040103t13_p1.jpg http://www.davistownmuseum.org/pics/040103t13_p3.jpg</p>		
30202T12	Combination wrench	DTM
<p>Drop forged steel, 6 3/8" long, 1/8" wide, signed "Ryder's Combination Pat'D Nov 10 1896".</p> <p>Ryder is not listed in DATM (Nelson 1999) or Cope's American Wrench Makers.</p> <p style="text-align: center;">http://www.davistownmuseum.org/pics/30202t12.jpg</p>		

	Status	Location
913108T21 Crescent wrenchs (4)	DTM	
<p>Drop-forged, 7 1/4" long with 3/4" opening; 8" long with 1 1/4" opening; and two 9 1/4" long with 1 1/2" opening, signed "<- 3/4" C. DREW & CO. 3/4" ->", "<-7 3/16"- DREW NO. 15 -1 1/4" ->", and two "1 7/16" DREW NO. 19 - 1 1/2"->", c. 1930. These four wrenches are an uncommon product of this factory: Christopher Drew & Company, Kingston, MA, 1837 - 1937. http://www.davistownmuseum.org/bioDrew.htm</p>		
041403T1 Double jaw buggy wrench	DTM	
<p>Drop forged steel and wood, 5 3/8" long, unsigned. This wrench was patented by H A Thompson on Nov. 2, 1880 and produced by the Portland Wrench Co. in Maine. In 1886, Portland Wrench was reorganized as the Diamond Wrench Co. In 1893, the company went bankrupt. In the interim, these companies produced some of the most interesting small and medium sized buggy wrenches of any American companies. These Portland made wrenches are among the most sought after specimens of 19th century wrench producers. http://www.davistownmuseum.org/pics/041403t1.jpg http://www.davistownmuseum.org/publications/volume10.html</p>		
041505T34 Drain plug wrench	DTM	
<p>Drop forged steel, 10" long, signed "DROP FORGED" "DRAIN PLUG WRENCH" "MADE IN USA". A combination wrench with sockets for up to 3/4 plugs. The maker is not identified. http://www.davistownmuseum.org/pics/041505t34.jpg</p>		
42801T16 Elgin wrench set	DTM	
<p>Cast steel in wood box, signed on box label "Boxed sets of Elgin Wrench & Attachments (etc) Stan Manufacturing Co. Carpentersville ILL, USA". Tools inscribed "extra jaw 25¢". DATM (Nelson 1999) lists Stan Mfg from 1897 f.</p>		
11301T11 Open ended wrench	DTM	
<p>Drop forged iron, 5 1/2" long, 5/8" and 3/4" openings, signed "Ford" in the earliest of known Ford scripts. This must be among the oldest of Ford Motor Co. wrenches.</p>		
32708T48 Piano tuning wrench	DTM	
<p>Metal and rosewood, 9 1/4" long, 4 1/4" wide, signed "GERMANY". http://www.davistownmuseum.org/pics/32708t48-2.jpg http://www.davistownmuseum.org/pics/32708t48-1.jpg</p>		
93011T10 Pipe wrench	DTM	TT
<p>Cast steel with wood handle, 6" long, signed "WALWORTH" "MADE IN USA" and their trademark "GENUINE STILLSON" in a diamond shape, on jaw "STILLSON C1" "REG. U.S. PAT. OFF. C". http://www.davistownmuseum.org/bioWalworth.html</p>		
93011T9 Pipe wrench	DTM	TT
<p>Cast steel with wood handle, 7" long, signed "WALWORTH MFG. CO." "BOSTON, U.S.A." and their trademark "REGISTERED STILLSON" in a diamond shape. http://www.davistownmuseum.org/bioWalworth.html</p>		
31811T14 Pocket wrench	DTM	
<p>Cast steel and wood handle, 6 1/2" long, 1 1/2" x 1/2" head, signed "WORCHESTER" with two preceding lines that are obscured. This style of wrench is also called a screw wrench or monkey wrench.</p>		
TCL1001A Ratchet wrench	DTM	
<p>Cast iron or steel, 10 7/8" long, 5/8" ratchet, signed "TRUTH TOOL CO. MANKATO MINN.", c. 1920. An unusual wrench with a normal maker's mark from post 1900.</p>		
11301T8A Ratchet wrench	DTM	
<p>Drop forged alloy steel, 6 3/4" long, 1/2" diameter socket, unsigned. A primitive single ratchet socket wrench with a simple peened mechanism.</p>		
42801T19 Socket wrench	DTM	
<p>Drop forged steel, 4 3/4" long, 1/2" socket, marked "WHR21711". An unusual wrench as well as an interesting sculpture object.</p>		

Davistown Museum Inventory of Tools - Industrial Revolution - Other

Wrenches

		Status	Location
TCZ1004	Stillson wrench	DTM	
Drop forged steel, 9 1/2" long, signed "RED-HEAD" and "MADE IN U.S.A.", c. 1920 (?). Maker not listed in DATM.			
50402T8	Tap wrench	DTM	
Steel, 7" long, signed "C. E. Billing's PATENT MAY 6 1879. Billings & Spencer Co. Hartford CT USA", "B" in a triangle and owner's signature "A. E. Wright". DATM (Nelson 1999) lists Billings & Spencer as working in Harford from 1873 to 1950. See page 86 for background information on this company, Christopher Spencer, inventor of the Spencer rifle and Charles Ethan Billings who apprenticed with the Robbins & Lawrence Co. armory in Windsor, VT. For more information go to the American Precision Museum (http://www.americanprecision.org/).			
31811T32	Tap wrench	DTM	
Wrought malleable iron, 19 1/4" long, 1/2" square hole in the center, unsigned. This handmade tool could be a bolt header, but more likely was used as a wrench.			
31811T8	Tap wrench	DTM	
Forged steel, 6" long, 5/16" wide, the center is flattened to 1" x 1" with a 1/4" square hole, unsigned. Hand-forged.			
31808SLP21	Wagon wrench	DTM	
Drop-forged iron, 8 1/4" long, unsigned. http://www.davistownmuseum.org/pics/31808slp21.jpg			
31908T31	Wagon wrench	DTM	
Steel, brass trim, and wood, 10 1/2" long, signed "PAT. NOV. 2, 80". This wrench is similar in design (revolving nut slide) to the wagon wrenches made by the Diamond Wrench Co. in Portland, ME, also in 1880. It is otherwise not illustrated in Cope's "American Wrench Makers" (see pg. 99). http://www.davistownmuseum.org/pics/31908t31p2.jpg http://www.davistownmuseum.org/pics/31908t31p2.jpg			
41801T5	Wagon wrench	DTM	
Drop-forged steel with wooden handle and brass ferrule, 12" long, takes a 5/8" square nut, signed "PAT. NOV. 2. 80". This wrench is similar in design (revolving nut slide) to the wagon wrenches made by the Diamond Wrench Co. in Portland, ME, also in 1880. It is otherwise not illustrated in Cope's "American Wrench Makers" (see pg. 99 -- the Diamond wrench is the closest example, but it is still obviously different).			
52603T37	Walco pipe wrench	DTM	
7" long, signed "WALWORTH COMPANY" "MADE IN USA" "PATENT NO 1711033". http://www.davistownmuseum.org/bioWalworth.html			
102904T18	Wrench	DTM	
Cast steel, 6" long, signed "W.--W. MFG. CO. INC." " WORCESTER, MASS." " PAT 7-9-20". An uncommon wrench. This is not related to the current W. W. Manufacturing Company, Inc. of Bridgeton, NJ, which began business in 1964. http://www.davistownmuseum.org/pics/102904t18_p1.jpg			
TCZ1003A	Wrench	DTM	
Drop forged steel, marked "DROPPED FORGED STEEL". A typical one piece drop forged tool.			
42801T22	Wrench	DTM	
Drop forged steel, 5 1/2" long, signed "1/4 Brake Eccentric Wrench 3/16 Herbrand Van Chrome No. 195 Made in USA". An unusual wrench utilizing alloy steel characteristic of tools made beginning in the early 20th century with the advent of electric blast furnaces.			
913108T3	Wrench	DTM	
Metal, 6 1/4" long, signed "BLUEPOINT" BOXOCKET" "PATENT APPLD FOR" "CHICAGO" and "ILL". Blue Point is listed in DATM (Nelson 1999) with no other information.			

Davistown Museum Inventory of Tools - Industrial Revolution - Other

Wrenches

42801T20 **Wrench**

Status Location
DTM

Drop forged steel, 7" long when closed, signed "Genuine Stilson Wrench Walworth Mfg. Co. Boston Mass Automobile 8 inch".
A fine example of a circa 1910-1915 wrench by one of America's most prolific wrench makers.

TCZ3001 **Wrench**

DTM

Steel, 6 5/16" long, signed "A J".
A combination alligator open ended wrench. It is probably shop made by the owner who used it.

33002T9 **Wrench**

DTM

Steel, 10 3/8" long, signed on handle "Heller Brothers Newark. NJ. USA 4-14-25. 11-12-29" and on verso "10 MASTERENCH
CHROME 7-11 VANADIUM 41".

Heller & Brothers was one of America's foremost manufacturers of blacksmith tools, 1866 - 1899. DATM (Nelson 1999, 374)
indicates they changed their name in 1899 to the Heller Brothers Company. In 1955 they became the Heller Tool Co.

<http://www.davistownmuseum.org/pics/33002t9.jpg>