

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

	Status	Location
Agricultural Implements		
121312LTC Bee smoker	DA	TT (Pub)
<p>Sheet steel, wood, leather, 10" x 9" x 4 3/4", signed "ROOT QUALITY BEE SUPPLIES" "MANUFACTURED BY THE A.I. ROOT COMPANY MEDINA OHIO U.S.A.".</p> <p>Amos Ives Root (b. 1839 d. 1923) developed innovative beekeeping techniques in the United States during the mid-19th century. He founded the company in 1869 and it made beekeeping supplies until they were phased out in 1928 (http://en.wikipedia.org/wiki/Amos_Root).</p>		
111116T5 Beet knife	DTM	TT
<p>Steel, wood, 16 1/2" long, 4 3/8" wide, 3/4" thick, unsigned.</p> <p>This knife has a distinctive hook attached to the end for beet processing.</p>		
100108T2 Brush cutter	DTM	MH
<p>Steel, wooden handle, 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_".</p> <p>The paper label is partially missing.</p> <p style="text-align: center;">http://www.davistownmuseum.org/publications/volume10.html</p>		
72612LTC2 Brush hook	DA	TT (Pub)
<p>Cast steel, wood (hickory), 40 1/2" long, 10" wide cutting edge, signed "OOLFMAN BROS. INC".</p> <p>Courtesy of the Liberty Tool Company.</p>		
32708T45 Bull nose puller	DTM	MH
<p>Malleable iron, 8 1/2" long, unsigned.</p> <p>This is also called an oxen guide. It is used to walk a bull with no ring in the nose.</p> <p style="text-align: center;">http://www.davistownmuseum.org/pics/32708t45.jpg</p>		
121412T3 Cargo hook	DTM	TT
<p>Malleable iron and steel, wood (rosewood), 11" long, 5" long handle, 5 1/2" wide, signed "SNOW & NEALLEY CO. BANGOR MAINE".</p>		
101312T17 Crease nail puller	DTM	TT
<p>Cast steel, 11 3/4" long, 1 1/2" wide, signed "DIAMOND NP12 U.S.A.".</p>		
101701T5 Fence puller	DTM	MH
<p>Steel and wood, 16 1/4" long, 4" wood handle located in the middle of the tool, unsigned.</p> <p>This is an excellent whatsit.</p>		
102211T3 Folding sickle	DTM	TT
<p>Stamped steel, wood (pine), 11" cutting edge, 13" long handle, signed "LAWN RAZOR NO. WAYNE TOOL CO. OAKLAND, ME. U.S.A.".</p> <p style="text-align: center;">http://www.davistownmuseum.org/bioNorthWayne.html</p>		
30911T11 Garden rake	DTM	TT
<p>Forged malleable iron, 4" long handle attachment, 7" x 4" tines, unsigned.</p> <p>It is hand-forged with 4 tines. The handle attaching piece and two inner tines are forged to the body.</p>		
22411T11 Garden shears	DTM	TT
<p>Drop-forged tempered alloy steel, 8 1/2" long, 2" wide, signed "J. T. HENRY" "HAMDEN, CT." and "49".</p> <p>These feature a locking handle. DATM (1999) lists Henry's working dates as 1882 - 1894.</p>		
81916LTC1 Grafting knife	DA	TT (Pub)
<p>Forged steel, 8" long, 2 11/16" edge, 3 1/2" wide, unsigned.</p> <p>This tool is unusual for its type in that it isn't constructed out of a recycled file or rasp.</p>		

Davistown Museum Inventory of Tools - Industrial Revolution - Other

Agricultural Implements

		Status	Location
42912LTC8	Grain sickle	DA	TT (Pub)
Steel, rosewood handle, 16" long, unsigned. Courtesy of Liberty Tool Co.			
41212T5	Grain sickle	DTM	TT
Drop-forged steel, wooden handle, 17" long, signed "NOLIN NORTH WAYNE TOOL CO. OAKLAND, ME. U.S.A.". It is a mid-twentieth century example of a tool made by a prolific Maine toolmaker. Courtesy of Liberty Tool Co. http://www.davistownmuseum.org/bioNorthWayne.html			
061813T2	Grass hook	DTM	MH
Drop-forged steel, wooden handle, cardboard box, 13" long, 1 3/4" wide blade, 12" long handle, signed "LITTLE GIANT" "NORTH WAYNE TOOL CO." "OAKLAND, MAINE U.S.A." on the handle. This is a second grass hook, identical to ID# 061813T1. Donated by the Brockton Fire Department. http://www.davistownmuseum.org/bioNorthWayne.html			
061813T1	Grass hook	DTM	MH
Drop-forged steel, wooden handle, cardboard box, 13" long, 1 3/4" wide blade, 12" long handle, signed "LITTLE GIANT" "NORTH WAYNE TOOL CO." "OAKLAND, MAINE U.S.A." on the handle. On the box it also says: "GRASS LITTLE GIANT HOOK" "No. 9" "MANUFACTURED BY THE" "NORTH WAYNE TOOL CO." "OAKLAND, MAINE U.S.A." "MAKER OF THE LITTLE GIANT LINE" "3 WAY ADJUSTABLE". Donated by the Brockton Fire Department. http://www.davistownmuseum.org/bioNorthWayne.html			
42912LTC9	Grass hook	DA	TT (Pub)
Steel, rosewood, 14" long, unsigned. Courtesy of Liberty Tool Co.			
61612T3	Grub hoe	DTM	TT
Forged iron, 5" x 4" x 2", unsigned.			
72312LTC3	Hay fork	DA	TT (Pub)
Forged steel, wooden handle, 56" long, 7" wide, 12" long fork, unsigned. Courtesy of Liberty Tool Company.			
81812T2	Hay fork	DTM	MH
Cast steel, wood (hickory), 35" long, 12" long and 10" wide fork, unsigned. Courtesy of the Davistown Museum tool shed.			
22612T1	Hay hook	DTM	MH3-D3
Drop-forged steel, wood handle, 9" long, 1/2" diameter, 5" long handle, signed "C DREW & CO. KINGSTON MASS.". This tool is also known as a bale hook. http://www.davistownmuseum.org/bioDrew.htm			
102211T1	Hoe	DTM	TT
Forged steel, 9 1/2" long, 6" cutting edge, 2 1/4" high, signed "KLEIN LOGAN Co". Klein, Logan & Co. worked out of Pittsburg, PA from 1868 to 1899.			
9614T1	Hoe adz	DTM	TT
Forged iron, hardwood, 28" handle, 7 1/2" edge, 10" long head, unsigned.			
8314T2	Hog tongs	DA	TT (Pub)
Cast iron, 14" long, 3 1/2" wide, signed "HILL'S HOG TONGS PAT DEC 2 1873".			
3912NOM1	Mushroom doweling drill bit	DA	TT (Pub)
Tool steel, 6" long, 5/8" wide, depth stop is 3/4" diameter, unsigned. This twist drill bit with a depth stop is specifically designed for drilling holes into damp hardwood for the insertion of wood dowels inoculated with mushroom spawn into logs for agricultural purposes. Courtesy of Liberty Tool Co.			

	Status	Location
<p>101312T31 Ox shoes</p> <p>Cast steel, 4 3/4" long, 1 3/4" wide, signed "No 20" "ATWATER 2". The Atwater Manufacturing Company of Southington, CT, was involved in a patent suit over an 1873 patent for improved dies for forging ox shoes. (http://bulk.resource.org/courts.gov/c/F1/0025/0025.f1.0101.pdf).</p>	DTM	TT
<p>101400T9 Pig skinner</p> <p>Forged steel and wood, 11 1/4" wide with a 9 5/8" diameter scoop, unsigned, c. 1860 - 80. This is the universal pig skinning jig.</p>	DTM	MH
<p>TKD3001 Pitchfork</p> <p>Forged iron, 26" long, 4 7/8" wide, unsigned. It is of European origin. http://www.davistownmuseum.org/bioLynch.htm</p>	DTM	MH
<p>31212T17 Planters' dibble</p> <p>Drop-forged steel with red painted wooden handle, 11" long, 1 1/8" diameter, unsigned.</p>	DTM	TT
<p>91413T1 Potato barrel</p> <p>Wood, iron, 30" tall, 18" diameter, unsigned.</p>	NOM	TT (Pub)
<p>102800T6 Pruning shears</p> <p>Drop-forged steel, 10 1/2" long, 2 3/8" long cutters, signed "D. Bowers". No D. Bowers is listed in DATM (Nelson 1999).</p>	DTM	MH
<p>100208T3 Scythe blade (A) plus pieces of steel (B) and iron (C)</p> <p>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, (C) represents the final product prior to additional filing, shaping, and sharpening. It is 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</p>	DTM	MH
<p>8813T1 Seed sowing wheelbarrow</p> <p>Wood, forged steel, cast iron, 75" long. 25" wide, 33" tall, signed with graduations by holes, 1 to 12. This appears to be the bottom half of a seed sower, with mounts to fit a basin of seeds over the plates that can be adjusted to dispense an adjustable density of seeds as the wheel turns and pushes the covers aside.</p>	DTM	MH
<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	MH
<p>101701T4 Sheep shears</p> <p>Steel, 12 1/4" long, signed 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	TT
<p>102211T2 Sickle</p> <p>Drop-forged steel, wooden handle painted black, 17" long, 5" handle, 9" wide, signed "North Wayne Tool Co., Oakland, ME USA" and an owners signature nearly obscured : "M__OLIN". This sickle is used for cutting grass and probably is an early 20th century product. http://www.davistownmuseum.org/bioNorthWayne.html</p>	DTM	TT
<p>72615T1 Sod ax</p> <p>Forged steel, 10" edge, 9" tall, 1 1/2" thick, signed "S.W. HOLWAY BOURNE DALE". Seth W. Holway is listed in the DATM as working in North Sandwich, Massachusetts circa 1860-1871. He is listed as selling hardware in Bournedale in the 1907 Massachusetts Yearbook and City & Town Register.</p>	LPC	TT

		Status	Location
5315T1	Tobacco hatchet	LPC	TT
Steel, cast iron, wood, 7 1/4" long, 4" wide, 4 1/4" edge, signed "COLLINS". This tool is not pictured in the Collins company catalog.			

81713T6	Tractor wrench and valve lifter	DTM	TT
Cast iron, 9" long, 4" wide, unsigned.			

6316T1	Valve lifter	DTM	TT
Cast iron, 8 3/4" long, 2" tall, 3/4" wide, unsigned.			

42912LTC14	Valve lifter	DA	TT (Pub)
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Drop-forged malleable iron, 12 1/4" long, unsigned.
This tool is often used for fencing as it is ideal for working with barbed wire. It is also used as a valve lifter (Sellens 2003, 505).
Courtesy of Liberty Tool Co.

101213T1	Wheel cotter pins	DTM	TT
Steel, Pins range from 9" to 10 1/4", unsigned. These cotter pins appear to be for a tractor, wagon, or other large wheeled (probably agricultural) vehicle or machine.			

Baskets

101814T1	Basketmaker's mold set	DA	TT (Pub)
Wood, duct tape, screws, 4 1/2" x 5 1/2" x 7" to 13" x 6 1/2" x 9", unsigned. This set of 6 basket making molds was used by Matthew Heinz.			

Blacksmith, Farrier, and Metalworking Tools

22601T2	Adjustable jaw cut nipper	DTM	MH
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Steel with carbide tipped jaw, 7" long, signed "L S Starrett Co. Athol Mass USA No 1- 7 IN".
It is for use in wire mills, piano tuning, and by telephone workers for wire cutting. The removable jaws may be reground, repaired, or replaced.

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

111613T3	Anvil	DA	TT (Pub)
Steel, iron, 27" long, 12" tall, 5" wide, unsigned.			

2713T3	Anvil bottom tool	DTM	TT
Forged steel, 17 1/2" long, 2 1/2" at widest, 1 1/8" anvil mounting shaft, signed "ANCHOR". This tool is used for shaping.			

101412T1	Anvil dolly hammer	DTM	TT
Cast steel, wood (maple), 19" long, 2 1/2" diameter face with a 3/4" long pin, 5 1/2" long head, signed "ATHA" with a horseshoe and A. This tool is used for sharpening rock drills. This particular design has a pin in the middle, presumably to accommodate hollow drill bits.			

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

3213T2	Bench hack saw	DTM	MH
Cast iron, steel, wood (rosewood), 17" long, 10" tall, 4" wide, signed "GOODELL PRATT" "PAT. JUNE 20, 1899 GREENFIELD, MASS. U.S.A.". The patent belongs to Henry E. Goodell and Herbert D. Lanfair. This was sold as their "No. 1 Bench Hack Saw" with 9" blades.			

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

62213LTC1	Blacksmiths' blower	DA	TT (Pub)
Cast iron, steel, 4 1/2 feet tall, signed "CHAMPION BLOWER & FORGE CO.".			

102512T6	Blacksmiths' chipping hammer	DTM	TT
Steel, wooden handle, 14" long, 5 3/4" long head, signed "A" on the underside of the head. Courtesy of Liberty Tool Co.			
102512T4	Blacksmiths' chipping hammer	DTM	TT
Steel, wooden handle, 13" long, 5 1/2" long head, signed "B & M.R.R." It is signed by a railroad company, however, there are several different companies that used B & M, such as Boston & Maine and Burlington & Missouri. Courtesy of Liberty Tool Co.			
93012LTC4	Blacksmiths' cross peen hammer	DA	TT (Pub)
Cast steel, wood (hickory), 17 1/2" long, 6 1/4" wide head, 2" wide edges, signed "H".			
31212T1	Blacksmiths' end cutters	DTM	TT
Drop-forged iron and steel, 14" long, 1" wide cutting edge, signed "J-I-C. HELLER BRO'S.CO.U.S.A." Heller & Brothers worked in Newark, NJ from 1866-1899 (Nelson 1999). Courtesy of Liberty Tool Co. http://www.davistownmuseum.org/bioHellerBros.html			
102512T5	Blacksmiths' peen hammer	DTM	TT
Steel, wooden handle, 18 1/2" long, 5 1/2" long head, signed "MANUF'R" "H.H. HARVEY" "AUGUSTA. ME". H. H. Harvey & Company was in Augusta, Maine, from 1872 to 1914. Courtesy of Liberty Tool Co.			
102512T8	Blacksmiths' raising hammer	DTM	TT
Steel, wood, 12 3/4" long, 3 3/4" long head, signed by owners "S. SELDON + J. S. SELDON" twice. Courtesy of Liberty Tool Co.			
TJD1006	Blacksmiths' rasp	DTM	MH
Drop-forged steel, 15 11/16" long, 1 5/8" wide, signed "HELLER BROS NEWARK NJ" with its famous horse and farrier 4 touchmark. 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 (Nelson 1999) lists Heller as c. 1870 f. http://www.davistownmuseum.org/bioHellerBros.html			
102512T10	Blacksmiths' straight peen hammer	DTM	TT
Steel, wooden handle, 14 1/2" long, 4 3/4" long head, signed "1854" and "G". Courtesy of Liberty Tool Co.			
50402T9	Blacksmiths' tap	DTM	MH
Drop-forged 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).			
12217T5	Blacksmith's tongs	DTM	TT
Forged steel, 13 3/4" long, 1 3/8" wide, 1 1/4" tall, unsigned.			
22411T4	Blacksmiths' tongs	DTM	TT
Drop-forged steel, 3 5/8" long, 1 1/8" wide, unsigned. These miniature tongs were possibly a salesmans' sample or a design model.			
3213LTC2	Blowhorn stake	DA	TT (Pub)
Cast and forged steel, 8" mount, 23 1/2" long, 4 3/4" wide, 3" deep, unsigned.			
51217LTC1	Bolt cutters	DA	TT (Pub)
Steel, 18 1/4" long, 5" wide, 7/8" thick, signed 'PORTER'S "NEW EASY." FOR 5-16 INCH BOLTS. HKP EVERETT MASS - U.S. AMERICA TRADEMARK BOSTON U.S.A.'			
31611T5	Bolt header	DTM	TT
Drop-forged malleable iron and 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.			

Davistown Museum Inventory of Tools - Industrial Revolution - Other

Blacksmith, Farrier, and
Metalworking Tools

8912LTC6	Center punch	DTM	TT (Pub)
Cast steel, unsigned.			
8912T6	Center punch	DTM	TT
Cast steel, 3 5/8" long, 3/8" wide, signed "R.C. CLAY". No R. Clay is listed in DATM (Nelson 1999).			
091611T1	Channel swaging hammer	DTM	MH
Drop-forged 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". The Atha Tool Co., started in 1884, was purchased by the Stanley Tool Co. in 1913. http://www.davistownmuseum.org/bioAtha.html			
091611T2	Channel swaging hammer	DTM	MH
Drop-forged cast (?) steel with wood handle, 14" long handle, 5" x 1 1/8" head, signed "A. B. MORES & CO." "BOSTON" "HAWKINS PATTERN". A. B. Mores & Co. is not listed in DATM (Nelson 1999).			
101312T11	Clean claw farriers' hammer	DTM	TT
Cast steel, wood (hickory), 15" long, 4 1/2" long head, 3/4" diameter face, signed "HELLER BROS. CO PON". http://www.davistownmuseum.org/bioHellerBros.html			
72712LTC11	Coal tongs	DA	TT (Pub)
Cast steel, 8 1/2" long, 2 1/4" wide, jaws are 1/4" apart when closed all the way, unsigned. Courtesy of the Liberty Tool Company.			
31112T12	Cold chisel	DTM	MH3-D2
Drop-forged steel, 4 1/2" long, 3/8" wide cutting edge, signed "DREW-230-D.T.". Courtesy of Liberty Tool Co. http://www.davistownmuseum.org/bioDrew.htm			
31112T11	Cold chisel	DTM	MH3-D2
Drop-forged steel, 5 5/8" long, 1/2" wide cutting edge, signed "2173 C. DREW Kingston, MA". Courtesy of Liberty Tool Co. http://www.davistownmuseum.org/bioDrew.htm			
101701T14	Cold chisel	DTM	MH
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 (Nelson 1999, 544). http://www.davistownmuseum.org/bioMillersFalls.htm			
111001T26A	Cold chisel	DTM	MH
Drop-forged steel, 5 1/2" long, 7/16" blade, signed "Stanley Atha 16(?) 3-8 Made in USA". http://www.davistownmuseum.org/bioStanley.htm			
31112T10	Cold chisel	DTM	MH3-D2
Drop-forged steel, 5 5/8" long, 1/2" wide cutting edge, signed "C. DREW & CO.". Courtesy of Liberty Tool Co. http://www.davistownmuseum.org/bioDrew.htm			
31112T9	Cold chisel	DTM	MH3-D2
Drop-forged steel, 6 1/2" long, 1/2" wide cutting edge, signed "C. DREW & CO.". Courtesy of Liberty Tool Co. http://www.davistownmuseum.org/bioDrew.htm			

31112T13	Cold chisel	DTM	MH3-D2
Drop-forged steel, 4 5/8" long, 3/8" wide cutting edge, signed "DREW-2302-1/8". Courtesy of Liberty Tool Co. http://www.davistownmuseum.org/bioDrew.htm			
31112T8	Cold chisel	DTM	MH3-D2
Drop-forged steel, 7 1/8" long, 7/8" wide cutting edge, signed "C. DREW & CO.". Courtesy of Liberty Tool Co. http://www.davistownmuseum.org/bioDrew.htm			
TBL1002	Cold chisel	DTM	MH
Cast steel, 6 1/4" long, 5/8" cutter, signed "2173 C DREW KINGSTON MASS", c. 1920. http://www.davistownmuseum.org/bioDrew.htm			
31811T10	Cold chisel	DTM	TT
Drop-forged German steel, 5 3/4" long, signed "A" "G&U" and "PRODUKT" in a diamond, "TEMPERED STEEL" and "GERMANY".			
31112T14	Cold chisel	DTM	MH3-D2
Drop-forged steel, 8 1/8" long, 3/8" wide cutting edge, signed "C. DREW & CO.". Courtesy of Liberty Tool Co. http://www.davistownmuseum.org/bioDrew.htm			
TJD1008	Cold chisels (2)	DTM	MH
Forged alloy steel, 5 1/2" long, 9/16" wide, signed "SILICO MANGANESE STEEL", c. 1880 - 1900. These illustrate the invention and use of steel alloys for special purpose tools.			
12813LTC1	Cold cut hammer	DA	TT (Pub)
Cast steel, wood (hickory), 24 1/2" long, 5 3/4" long head, 1 1/2" cutting edge, 1 1/8" diameter face, unsigned.			
102512T9	Coppersmiths' bumping hammer	DTM	TT
Steel, wooden handle, 11 1/2" long, 8 1/2" long head, unsigned. Courtesy of Liberty Tool Co.			
5616LTC1	Cross peen hammer	DA	TT (Pub)
Steel, wood, 13" long, 4 7/8" long head, 1" wide face, signed "THE ATHA TOOL Co.".			
81200T12	Cross peen hammer	DTM	MHC
Drop-forged steel, 5" long, 1 1/4" wide peen, 1 3/8" long head, unsigned. This is a typical late 19th century factory-made blacksmiths' cross peen.			
12217T1	Double caliper	DTM	TT
Steel, bronze, 10 1/4" long, 11" wide, 1/8" thick, signed "H.A. *** BBER". This tool has been broken and braised.			
12217T6	Double caliper	LPC	TT
Steel, 17 1/2" long, 8 3/8" wide, 1/8" thick, unsigned.			
41412LTC2	End cutting nippers	DA	TT (Pub)
Forged iron and steel, 2" long, 1" wide, 1" high, unsigned. Courtesy of Liberty Tool Co.			
31811T6	Engravers' tool	DTM	TT
Cast steel, 5 1/2" long, 1/2" wide, signed "AH". It has a spiral (shell) pattern.			

52603T22	Farriers' knife	DTM	MH
Malleable iron and steel, wooden handle, 11" long, 5 3/4" long blade, signed "S. W. Helway".			
32412T6	Farriers' knife	DTM	TT-34
Malleable iron handle, steel blade, 9" long, 4 1/4" long blade, unsigned. This iron handled knife is the design of T. J. Pope (though this particular example bears no maker's mark). He made farriers' hoof knives from 1890-1913. Courtesy of Liberty Tool Co.			
12613T1	Farriers' rasp	DTM	MH
Cast steel, wood (rosewood), cloth tape, 19 1/2" long, 1 3/4" wide, 3/16" thick, signed "NICHOLSON U.S.A. MADE IN U.S.A. 31-78". http://www.davistownmuseum.org/bionicholson.html			
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	MH
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 farriers' hammers, trimming tool, apron, and steel horseshoe nails.			
5616LTC3	Flat nose pliers	DA	TT (Pub)
Steel, 10 1/2" long, 3 1/4" thick, 5/8" wide, signed "HELLER BROS. CO. U.S.A.".			
101312T25	Fuller hammer	DTM	TT
Cast steel, wood (maple), 17" long, 5 1/2" long and 2 3/4" wide head, signed "1 1/2" "W CO" in a circle.			
101312T9	Fuller hammer	DTM	TT
Cast steel, wood (maple), 21" long, 2 5/8" wide edge, 5 1/2" long head, signed "BICKNELL MFG" with "FRP" slogan with an anchor on the head.			
93012LTC3	Fuller hammer	DA	TT (Pub)
Cast steel, wood (hickory), 13 3/4" long, 6" long head, 1 1/4" wide edges, unsigned. This fuller hammer is probably a scaling hammer for working on boilers.			
TJD1001	Hammer	DTM	MH
Drop-forged steel, 12 3/4" long, 7/32" square face, signed "MADE IN USA" with "H" as a touchmark. This is an unusual blacksmiths' hammer; the stamped mark indicates it was made late in the 19th century.			
61612T2	Hand vise	DTM	TT
Cast steel, 3 1/2" x 1 7/8" x 15/16", signed "SMITH & CO". No Smith & Co. is listed in DATM (Nelson 1999) as a maker of vises.			
42912LTC2	Hand vise	DA	TT (Pub)
Forged steel, brass ferrule, wood (cocobolo), 6 5/8" long, unsigned. This hand vise has a hollow handle with a threaded wooden butt cap designed to hold a variety of bits and drivers which lock into it. For an illustration see Sellens (2002, 508). Courtesy of Liberty Tool Co.			
41716T3	Hand vise	LPC	TT
Steel, 5 5/8" long, 1 1/2" wide, 3" tall, signed "PS STUBS".			
111116T7	Hand vise	DTM	TT
Cast steel, 3 1/2" long, 1 3/4" tall, 7/8" jaws, signed "SMITH & CO". Smith & Co. is listed in DATM (1999) as a mark on a vise, but the listing has no other information.			

41203T12	Hand vise	DTM MH
Drop-forged steel, 5" long, 1 11/16" wide jaw, signed "Billings & Edmands Mfg. Co. Rocky Hill CONN" and "DROP FORGED OF BAR STEEL".		
This tool has 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. It is a typical hand tool that would be found in any toolmaker or tool repair workshop. All drop-forged tools were made either from malleable iron bar stock or steel bar stock.		
http://www.davistownmuseum.org/pics/41203t12_p1.jpg		
http://www.davistownmuseum.org/pics/41203t12_p2.jpg		
121201T1	Hand vise	DTM MH
Drop-forged malleable iron and steel, 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. These smaller sized vises often appear in watchmaker toolkits.		
41412LTC1	Hardy	DA TT (Pub)
Forged steel, 2" long, 1" wide, 1" high, unsigned.		
This is a typical blacksmith's anvil cutting tool. Courtesy of Liberty Tool Co.		
32313LTC1	Horn anvil	DA TT (Pub)
Iron, forge-welded steel, 7" x 9" x 15 1/2", unsigned.		
101312T6	Hot set hammer	DTM TT
Cast steel, wood (hickory), 17 3/4" long, 7" long head, 1 1/2" wide edge, signed "VULCAN" in a diamond.		
4713T1	Iron bar stock	DTM TT
Malleable iron, 12 3/4" long x 1" x 1", unsigned.		
111613T2	Leg vise	DA TT (Pub)
Iron, 42" long, 20" tall, 20" wide handle, unsigned.		
12813LTC2	Leg vise	DA TT (Pub)
Forged steel and iron, 42 1/2" long, 6" wide jaws, 16 1/4" tall, unsigned.		
101312T8	Long reach cross peen hammer	DTM TT
Cast steel, wood (hickory), 14 1/4" long, 7" long head, 1 1/4" wide edge, 1 1/8" diameter face, unsigned.		
22813LTC10	Mandrel	DA TT (Pub)
Cast steel, 10" long, 1 7/16" at base, tapers to 1/2", unsigned.		
11115T3	Metal punch	DTM MH
Steel, 4 1/2" long, 1/16" diameter tip, 5/16" diameter overall, signed "DREW - 2300 - 1/16".		
http://www.davistownmuseum.org/bioDrew.htm		
111001T28	Nail holder	DTM MH
Drop-forged iron, 6" long, signed "Williams Nail Holder & Guide Patent 1688446".		
This is a very uncommon tool. DATM (Nelson 1999) notes Williams only as a maker of lemon squeezes and rules with no mention of nail holders.		
52716T4	Pipe and screw threader	DTM TT
Cast steel, 6 1/2" long, 1 1/2" wide, 7/16" thick, unsigned.		
102612T10	Pipe tongs	LPC MH
Steel, signed "JARECKI MFG. Co" "PAT APR 22 1870" "ERIE, PA" and "1" on the other handle.		
Jarecki Manufacturing Company was formed in 1872 by brothers Henry and Charles Jarecki and was located at 149 East 9th St. in Erie, Pennsylvania (http://oldtimeerie.blogspot.com/2012/10/jarecki-manufacturing-company-east-9th.html).		

<p>53114T1 Plumber's caulking iron</p> <p>Steel, 7/8" x 7/8" stake, 4 3/4" long, 3" x 3" face, unsigned.</p>	<p>DTM MH</p>
<p>914108T11 Punch</p> <p>Drop-forged malleable iron, 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>	<p>DTM MH</p>
<p>32502T35 Punches (3)</p> <p>Tempered alloy steel, 3" to 3 1/2" long, signed "L S Starret" on one, c. 1920. http://www.davistownmuseum.org/bioStarrett.htm http://www.davistownmuseum.org/bioEpstein.htm</p>	<p>BDTM T</p>
<p>31602T13 Rasp</p> <p>Steel, 18" long, 1 9/16" maximum width, signed "Carver File Co USA". "The Carver File Co. of Philadelphia, with a fully paid in capital of \$100,000; has been incorporated under the laws of Pennsylvania and the new plant will include two buildings each 40 x 170 ft., with a capacity of 900 dozen files per day. In the formation of the company the plant of the D. B. Murphy File Co., of Camden, N. J., was absorbed and will continue independent operation on special light files, all other grades being made at the new plant." (The Iron Trade Review, June 1, 1905, pg. 39). The Hardware Dealers' Magazine of October, 1906 makes mention of "The Carver File Co., known also as the Delta File Works, 3227 Frankford avenue [Philadelphia]".</p>	<p>DTM MH</p>
<p>72816T5 Repoussé chasing hammer</p> <p>Cast steel, wood, 9 1/2" long, 2 5/8" head, 1 1/4" diameter face, signed "FRANCE L HUGONIOT - TISS". "Lucien Hugoniot-Tissot manufactured a variety of watchmaker's tools from Montecheroux in the Franche-Comte region of eastern France." (http://blacksmithandmachineshop.com/machines-sold-2011-on-the-web.html). Other web references to Hugoniot indicate he also made jeweler's and silversmith's tools.</p>	<p>LPC TT</p>
<p>80802T1 Ring pliers</p> <p>Drop-forged 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>	<p>DTM MH</p>
<p>101312T21 Round eye punch hammer</p> <p>Cast steel, wood (hickory), 14 1/2" long, 7 1/2" wide head, 1/2" diameter punch, 1 1/8" wide face, signed "2".</p>	<p>DTM TT</p>
<p>12613T2 Scotch pattern farriers' shoeing hammer</p> <p>Cast steel, wood (hickory), 10" long overall, 4 1/2" long head, 7/8" diameter face, signed "HELLER BROS CO." with a horse insignia. http://www.davistownmuseum.org/bioHellerBros.html</p>	<p>DTM MH</p>
<p>31011T1 Screw plate</p> <p>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.</p>	<p>DTM TT</p>
<p>21812LTC4 Sheet metal crimper</p> <p>Drop-forged steel, rosewood grip, 8 1/2" long, 4" deep, 7 1/4" wide, 7" long handle, signed "No 545 SMALL TURNING" "707" "708". Courtesy of the Liberty Tool Company.</p>	<p>DA TT (Pub)</p>
<p>102512T2 Silversmiths' raising hammer</p> <p>Cast steel, wood (hickory), 12" long, 5 1/2" long head, unsigned. Courtesy of Liberty Tool Co.</p>	<p>DTM TT</p>
<p>120713T1 Smelting crucible</p> <p>Graphite ceramics, 9" outside diameter, 4 1/2" tall, signed "AMERICAN".</p>	<p>LPC TT</p>

Davistown Museum Inventory of Tools - Industrial Revolution - Other

Blacksmith, Farrier, and
Metalworking Tools

9514T10	Smith's tongs	LPC	TT
<p>Forged iron, 13 5/8" long, 3/8" wide, 2" tall, unsigned. These contemporary Egyptian smith's tongs were used to forge another item in the collection, 9614T1.</p>			
93012LTC2	Swage hammer	DA	TT (Pub)
<p>Cast steel, wood (hickory), 16 1/2" long, 5" long head, 2" x 2 1/2" face with 7/8" fuller, signed "7/8".</p>			
914108T1	Tap wrench	DTM	MH
<p>Steel, 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 is stamped on it in 3 places.</p>			
102100T5	Tapping stock	DTM	MH
<p>Drop-forged steel, 7 1/4" long, unsigned.</p>			
11115T4	Thread tap	DTM	MH
<p>Steel, 2 1/2" long, 1/2" diameter, signed "J.M. KING". J.M. King worked out of Waterford, NY circa 1887 to 1910 (DATM 1999).</p>			
11615T1	Thread tap	DTM	TT
<p>Steel, 5 3/8" long, 5/8" to 3/8" diameter, unsigned.</p>			
102100T16	Tin snips	DTM	MH
<p>Drop-forged iron and steel, 11 3/4" long, 2 7/8" blade, signed "Peak, Stow & Wilcox West Berlin Ct 9". This is an early example of one of the most prolific toolmakers 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 tin snips, this junction is no longer visible.</p>			
93011T20	Tin snips	DTM	TT
<p>Drop-forged steel, 10 1/2" long, signed "FORGED STEEL" on both handles.</p>			
10407T7	Tin snips	DTM	MH
<p>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 and 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.</p>			
51606T8	Tin snips	DTM	MH
<p>Forged iron and steel, 10 1/8" long, signed "Goldenberg" and "ACIER FONDU". This is 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. Acier fondu is French for "molten steel".</p>			
22512T5	Tinsmiths' crimping tool	DTM	TT
<p>Drop-forged steel, 10" long, signed "L.L. ROWE BOSTON" "PAT. DEC 21 1886". L. Leroy Rowe received this patent No. 354,657 for an improvement to a device for crimping the ends of stove or other sheet metal pipe. http://www.google.com/patents/US354657. Courtesy of Liberty Tool Co.</p>			
5212LTC2	Tinsmiths' hand punch	DA	TT (Pub)
<p>Drop-forged iron and steel, 7 1/4" long, unsigned. Courtesy of Liberty Tool Co.</p>			
81713T12	Tinsmiths' shears	DTM	TT
<p>Cast steel, 7 3/8" long, 1 7/8" wide, 3/8" thick, signed "BROWN" "CAST STEEL".</p>			
62914T8	Tinsmiths' toolchest	LPC	MH
<p>Wood, steel, 13 5/8" long, 4 1/2" tall, 7" deep, unsigned. This tool chest contains a variety of whitesmithing and engraving tools including chasing stamps and some sheet brass with designs stamped into it.</p>			

31611T10 **Tongs**

DTM TT

Drop- and hand-forged malleable iron, 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.

12900T9 **Tubing cutter**

DTM MH

Die cast nicked alloy steel, signed "Imperial Brass, Chicago" and "94-F PAT. D-99190".
August C. Dobrick of Chicago, IL assigned his patent to Imperial Brass in 1935.
<http://www.google.com/patents?id=iHFPAAAAEBAJ&pg=PA2&dq=imperial+brass+99190&hl=en&sa=X&ei=vbXgT562N47dsgbMptjgCA&ved=0CDUQ6AEwAA#v=onepage&q=imperial%20brass%2099190&f=false>
<http://www.davistownmuseum.org/pics/51100t6.jpg>

5212LTC3 **Turning sledge**

DA TT
(Pub)

Drop-forged steel, 6" long, 2 3/8" diameter face, signed "MEXICO".
Courtesy of Liberty Tool Co.

072112T11 **Unidentified tool**

DTM TT

Steel, 14 1/4" long, 3/4" wide, signed "E.W. HAYNES".
This is a metalworking tool; its use is unknown. E. W. Haynes is not listed in DATM (Nelson 1999).

913108T31 **Wire-cutting pliers**

DTM MH

Drop-forged steel, 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.

40408DTM3 **Zigzag rule**

DTM MH

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 founding 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" Stainless steel was not invented until 1917. General Hardware made tools into the 1990s.
<http://www.davistownmuseum.org/pics/40408dtm3p1.jpg>
<http://www.davistownmuseum.org/pics/40408dtm3p5.jpg>

Cast Iron Tools and Artifacts

50402A1 **Architectural ornament**

DTM MH

Cast iron, 9 1/2" high, 7 1/4" wide, unsigned.
This is a nice example of Victorian ironwork.

TGB2206 **Pot**

DTM MH

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.

TTCI3000 **Screw jack**

DTM MH

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.

Cobbler and Saddler Tools

73016LTC1 **Arch fitting press**

DA TT
(Pub)

Cast iron, steel, wood, leather, 19" long, 4 5/8" wide, 7" tall, signed "SCHOLL'S ARCH FITTER".

93012LTC5 **Beating out hammer**

DA TT
(Pub)

Cast steel, wood (hickory), 9 1/4" long, 2 5/8" long head, 2" diameter face, signed "USMC".
This is also known as a toe hammer.

Davistown Museum Inventory of Tools - Industrial Revolution - Other Cobbler and Saddler Tools

		Status	Location
5616T5	Burnisher	DTM	TT
Cast iron, wood, 5 11/16" long, 1 1/2" wide, 1 3/4" tall, signed "RS&M CO 11".			
30311T9	Burnisher	DTM	TT
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 leather.			
22813LTC7	Cobbler and saddlers' hammer	DA	TT (Pub)
Cast steel, wood (hickory), 12" long, 4 3/4" long head, 1 7/8" diameter face, signed "WARRANTED EXTRA CAST STEEL".			
3213LTC1	Cobbler or leather workers' lasting hammer	DA	TT (Pub)
Cast steel, wood (hickory), 7 1/2" long, 2" wide head, 1 1/4" x 1 1/8" face, signed "ZTR-B".			
102512T11	Cobblers' beating out hammer	DTM	TT
Steel, wooden handle, leather, 7" long, 2 1/2" long head, unsigned. A leather strip was added by the owner to keep the handle secured. Courtesy of Liberty Tool Co.			
3312T3	Cobblers' channel gouge	DTM	TT
Drop-forged steel, wooden handle, brass ferrule, 6" long, unsigned. The cutting edge is broken off.			
22411T2	Cobblers' hammer	DTM	TT-D30
Drop-forged steel, wooden handle, 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".			
102512T1	Cobblers' hammer	DTM	TT
Steel, wooden handle, 12" long, 5 3/4" long head, signed "CLARKSON". Clarkson is an owner's mark. Courtesy of Liberty Tool Co.			
42405T10	Cobblers' hammer	DTM	MH
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.			
32412T4	Cobblers' hammer	DTM	TT-29
Drop-forged steel, hickory wood handle, signed "REX" and "STEEL DROP FORGED CHAMPION". Numerous companies have Champion or Rex in their name or as brand names, but DATM (Nelson 1999) does not list any using both. Courtesy of Liberty Tool Co.			
52603T5	Cobblers' pincers	DTM	MH
Drop-forged steel, 7 3/4" long, signed "W + C. WYNNE 2 WARRATED STEEL HAMMERS". These are a type of pliers.			
91016T1	Cobbler's Tool Box	LPC	MH
Wood, steel, brass, 19 3/4" long, 7 1/4" wide, 5 1/4" deep, unsigned. These tools are from the same provenance as 81416T1 and 91016T2. Contained in a wooden box with folding lid. Includes 3 lasts, four boxes of nails, two hammers, lasting pincers, pliers, two awls, a shoulder, rahm wheel, and slitting gauge with unusual bone handle.			
91016T2	Cobbler's tool kit	LPC	MH
Wood, steel, brass, 8" long, 5 1/4" deep, 2 1/4" tall, unsigned. These tools are from the same provenance as 91016T1 and 81416T1. Includes a rahm wheel, four different types of knives, two edgers, a shoulder iron, and a stich pattern pricker. Tools are in a cardboard cigar box.			
73016LTC2	Cobbler's tool kit	DA	TT (Pub)
Wood, steel, brass, leather, N/A, signed with various different marks. This large set of tools came from a cobbler's workshop in Merrimack, Massachusetts.			

Davistown Museum Inventory of Tools - Industrial Revolution - Other Cobbler and Saddler Tools

		Status	Location
111206T4	Corn bung	DTM	MH
Drop-forged malleable 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.			
61612T8	Curriers' fleshing knife	DTM	TT
Drop-forged steel, rosewood handles, 25 1/2" long, 14" long cutting edge, signed "SNOW & NEALLY CO. BANGOR-MAINE".			
71412T1	Curriers' fleshing knife	DTM	TT
Drop-forged steel, brass, wooden (rosewood) handles, 12" wide, 12" long cutting edge, 4" long handles, signed "11 P. PIEVS".			
121412T13	Curriers' fleshing knife	DTM	TT
Cast steel, wood (rosewood), 25 1/4" long, 15" cutting edge, 5 1/2" long handles, signed "SNOW & NEALLEY BANGOR - MAINE".			
31808SLP15	Curriers' shave	DTM	TT
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			
63001T10	Draw gauge	DTM	MH
Drop-forged 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".			
This is 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			
http://www.davistownmuseum.org/bioOsborne.html			
102904T20	Draw gauge	DTM	MH
Drop-forged steel and 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' leather 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			
http://www.davistownmuseum.org/bioOsborne.html			
TJD1002	Hand punch	DTM	MH
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	MH
Drop-forged iron and steel, japanned finish, 2 1/4" long, unsigned.			
This tool is identified as an Elliot Patent (May 3, 1880) lace cutter for cutting shoelaces in Sellens (2002, 270) "Dictionary of American Hand Tools".			
http://www.davistownmuseum.org/pics/111001t34.jpg			
111116T10	Leather belt punch pliers	DTM	TT
Cast iron, steel, 8" long, 3 1/2" wide, 1/4" wide, signed "PATENT SEPT.1.1868".			
92916LTC1	Leather edge channeler	DA	TT (Pub)
Steel, wood (rosewood), brass, 6 3/4" long, 7/16" wide edge, signed "CS OSBORNE & Co".			
7612LTC6	Leather eyelet punch	DA	TT (Pub)
Forged steel, 7 1/2" long, 1 5/8" wide, 1/8" diameter punch, signed "FORGED" "4".			
Courtesy of Liberty Tool Company.			

Davistown Museum Inventory of Tools - Industrial Revolution - Other Cobbler and Saddler Tools

		Status	Location
9514T11	Leather lasting pliers	DA	TT (Pub)
Cast steel, 8 3/4" long, 2 1/2" wide, 2" tall closed, signed "W. & C. WYNN & CO. WARRANTED 1".			
090508T10	Leather pliers	DTM	MH
Drop-forged steel, 9 1/4" long, signed "4" and "2B MADE IN U.S.A." with a diamond mark between 4 and 2..			
102512T16	Leatherworkers' smoothing tool	DTM	TT
Rosewood, 7 3/4" long, 7/8" x 7/8", unsigned. Courtesy of Liberty Tool Co.			
14302T18	Patterns (3)	DTM	MH
Drop-forged steel, various designs, 4" wide, 5 5/8" wide and 6 1/8" wide, unsigned. They are marked only with size numeration and are used to cut leather patterns for use by a harness-maker or cobbler.			
101412LTC2	Pinking iron	DA	TT (Pub)
Cast steel, 4" long, 1/2" wide, signed "C.S. OSBORNE & CO. 1/2". http://www.davistownmuseum.org/bioOsborne.html			
22612T2	Pliers	DTM	TT
Drop-forged steel, 9" long, signed "EYELET TOOL CO" on one side of the jaws and "E.T.CO BOSTON" on both sides at the pivot point. This specialized set of pliers is used to cut leather for 1/4" strips. DATM (Nelson 1999, 268) indicates this company worked from 1858 to 1920. However, this tool looks newer, perhaps from the 1940s or 50s. One cutting edge is broken.			
10815T3	Pricking wheel	DTM	TT
Beech wood, brass, steel, 6" long, 1" diameter, 1 1/4" wide, unsigned.			
42812LTC2	Revolving leather hole punch	DA	TT (Pub)
Steel, 8" long, signed "W. SCHOLLHORN CO. NEW HAVEN, CONN. MADE IN U.S.A." "BERNARD" "LODI". DATM (Nelson 1999, 697) lists William S. Schollhorn Co. as working from 1873 to 1913 making dividers, pliers, and other tools. Lodi is one of their brand names. William A. Bernard held the July 26, 1904 patent for this punch. View the patent at: http://www.google.com/patents?id=csx9AAAAEBAJ&printsec=frontcover&dq=william+a+bernard&hl=en&sa=X&ei=ejC1T-bWH9Gg-wbw5vWoDg&ved=0CEYQ6AEwBQ . Courtesy of Liberty Tool Co.			
8912T5	Round leather punch	DTM	TT
Cast steel, 4 3/4" long, 7/8" wide, 7/16" diameter hole, signed "THOMAS ADAMS 12". DATM lists a T. Adams of Philadelphia that made leather tools (Nelson 1999, 14).			
81916T1	Shoe button hook	DTM	MH
Steel, 5" long, 7/8" wide, 1/8" thick, signed "W.T. COLBURN BELFAST MAINE". Colburn Shoe Store in Belfast is America's oldest shoe store, in operation since 1832.			
3312T2	Shoe lasting pliers	DTM	TT
Drop-forged steel, 9" long, signed "UNION PATENTED OCT 25, 1887" "WHITCHER 3". There is a crisscross pattern on the hammer face. Hammer pressed fit into body. Frank Whitcher of Boston, MA patented the lasting pinchers, which were made by Union Shoe Machinery Company of Lynn, MA, 1873 - 1913. His patent may be viewed at: http://www.google.com/patents?id=yDhOAAAAEBAJ&pg=PA2&dq=OCT+25,+1887+whitcher&hl=en&sa=X&ei=_mqpT-2qDYPH6AG0qtGzBA&ved=0CDcQ6AEwAA#v=onepage&q=OCT%2025%2C%201887%20whitcher&f=false . Courtesy of Liberty Tool Co.			
3312T1	Shoe lasting pliers	DTM	TT
Drop-forged steel, 8" long, signed either "PREETH" or "FREETH". This is a typical curved pliers w/ hammer but cast as one piece. The end is slightly damaged (the tack remover is broken off.) DATM (Nelson 1999) lists a foreign toolmaker named Benjamin Freeth as working 1770 - 1824. Courtesy of Liberty Tool Co.			
4716T1	Shoe maker's shoulder stick	DTM	TT
Wood, soapstone, 4 3/4" long, 1 1/2" x 1 1/4" wide, unsigned.			

52612LTC2 **Shoe or saw toothed tack puller** Status Location
DA TT
(Pub)

Steel, Bakelite, 6 1/4" long, 2 3/8" long blade, signed "USM".
The United Shoe Machinery Company's working dates were from 1873 to 1913 in Boston, MA, however, their factory was in Lynn, MA (Nelson 1999, 808). Courtesy of Liberty Tool Co.

31808SLP25 **Shoemakers' hammer** DTM TT

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>

913108T9 **Shoemakers' hammer** DTM MH

Drop-forged malleable iron and low carbon steel, 9 1/4" long including a 7 3/4" long handle, 4 1/8" wide head, signed "JVIGEANT" "MARLBORO" "MASS" and on the other side "PAT JAN7" "1869" "NO. 2".

DATM (Nelson 1999) states Jacob Vigeant held a hammer patent but it is unknown if he also made the hammers, which are factory-made. His patent 73,141 from 1868 can be viewed here:

<http://www.google.com/patents/US73141?pg=PA2&dq=Vigeant+hammer&hl=en&sa=X&ei=nCi1UluUO4fJswalTw&ved=0CDcQ6AEwAA#v=onepage&q=vigeant%20hammer&f=false>

111412T7 **Sole gauge** DTM MH

Alloy steel, 4 1/4" long, 1 1/8" wide, signed "SNELL & ATHERTON" "BROCKTON, MASS." and a star touchmark.

The measure marks 14 13 12 to 3. Snell & Atherton's working dates are unknown. They primarily made leatherworking tools for shoemakers (Nelson 1999, 736).

61617T4 **Tack puller** DTM TT

Steel, wood (beech), brass, 6 5/8" long, 5/8" edge, 1 1/4" diameter, unsigned.

32313LTC4 **Wing calipers** DA TT
(Pub)

Cast steel, 6" long, 3 1/4" wide when closed, signed "W. SCHOLLHORN NEW HAVEN CT. PAT. JAN. 9, 1866".

The patent belongs to Schollhorn & Pfelghar.

Coopers' Tools

92813T2 **Barreling hatchet** DTM TT

Forged steel, wood (hickory), 10 3/4" long, 5 1/4" long head, 2" cutting edge, signed "ANCHOR PLUMB Forged Steel".

This hatchet was made by Fayette R. Plumb, who worked in Philadelphia, PA, from 1888 to 1905. He used the mark "PLUMB" and the Anchor brand. Previously he was associated with Yerkes & Plumb (1870) before buying Yerkes out in 1887. Y & P used the "ANCHOR" mark and he kept on using it.

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

102512T21 **Coopers' bung** DTM TT

Wood, steel ferrules, 8 1/2" long, 3 1/3" wide, unsigned.

Courtesy of Liberty Tool Co.

102512T3 **Coopers' bung hammer** DTM TT

Steel, wooden handle, 12" long, 5 3/4" long head, signed "LANG & JACOB" and "BOSTON MASS" on the head, on the handle "THE LA PIERRE SAWYER HANDLES" around "GREEN SEAL HANDLES" inside a circle..

Lang & Jacobs of Boston, MA, made coopers' tools from 1884 to 1890 (Nelson 1999, 470). The "S" in Jacobs appears to have worn off the hammer head. The LaPierre-Sawyer Handle Company was founded in Jackson, MO, in 1902 and is still in business. (<http://news.google.com/newspapers?nid=1893&dat=19850417&id=BcwfAAAAIBAJ&sjid=jtgEAAAAIBAJ&pg=1398,5338142>). Courtesy of Liberty Tool Co.

102512T22 **Coopers' croze** DTM TT

Oak body, steel edge, 13" long, 5 1/2" wide body, 9" long and 2" wide plane, unsigned.

Courtesy of Liberty Tool Co.

91914T4 **Coopers' drawshave** LPC TT

Cast iron, steel, 18 1/4" wide, 1 1/4" tall, 2 1/8" edge, unsigned.

Davistown Museum Inventory of Tools - Industrial Revolution - Other

Coopers' Tools

	Status	Location
82512LTC1 Coopers' drawshave	DA	TT (Pub)
Cast iron, steel, wood (oak), 18 1/2" long, 6" handles, 3" cutting edge, signed "CINCINNATI. TOOL CO." (on cutter) and "HARGRAVE 99". Courtesy of Liberty Tool Co.		
101008T2 Coopers' flagging iron	DTM	MH
Malleable iron, 22 1/4" long, 4 1/2" wide, unsigned.		
31808SLP24 Coopers' hammer	DTM	TT
Steel and wood, 14" long, 12" long handle, 4 3/4" long head, unsigned. http://www.davistownmuseum.org/pics/31808slp24.jpg http://www.davistownmuseum.org/pics/31808slp24-2.jpg		
22512T2 Coopers' hoop driver	DTM	TT
Drop-forged steel, hickory, 14" long, 4 3/4" wide, 1 1/4" diameter face, unsigned.		
31212T3 Coopers' scorp	LPC	MH-O
Forged steel, wood, 7" long, 8" wide, 5" wide cutting edge, signed "SNOW & NEALLEY Co. BANGOR-MAINE". This c. 1900 tool is specifically for coopering. Courtesy of Liberty Tool Co.		
040103T2 Coopers' shave	DTM	MH
Cast grey iron with steel blade, 23" long, 2 1/8" blade, signed "Stanley" and "57". This coopers' shave is a Stanley no. 57, type one, manufactured c. 1870. It signifies the appearance of mass-produced factory made tools. Coopers had been producing their wooden barrels and kegs from time immemorial. This handy coopers' tool appeared just at the twilight of the era of the cooper, whose handiwork was soon superseded by factory-made tin and steel containers. http://www.davistownmuseum.org/pics/040103t2_p1.jpg http://www.davistownmuseum.org/pics/040103t2_p4.jpg		
41915T2 Coopers' tool	DTM	TT
Wood, steel, 1 1/4" edge, 6 3/8" long, 2 3/8" diameter, unsigned. Information about the identity of this tool is appreciated.		
33011T1 Croze	DTM	TT
Oak with a cast steel cutter, 24" long, 4" cutter, 7" radius area, unsigned. It includes a three piece set of lance croze irons.		
62914T5 Croze	LPC	MH
Wood (maple, beech), steel, 13" long, 5 1/2" tall, 5 1/4" wide, unsigned.		
91914T13 D router	LPC	TT
Wood (birch), steel, brass, 10 1/4" long, 3" tall, 5" wide, 1/2" edge, signed "E HYDE" (owner's mark).		
22512T6 Drawknife	DTM	TT
Drop-forged steel, wood, 19" long, 12" long blade, unsigned. The blade is curved; it was probably a coopers' tool. Courtesy of Liberty Tool Co.		
31808PC9 End shave	DTM	MH
Steel and wood, 6 1/2" long, 4 3/4" wide blade, signed "J.STORTZ&SON PHILA". John Stortz and his son's company was in Philadelphia, PA from 1853 to 1972 (DATM 1999).		
102512T20 Hoop driver	DTM	TT
Cast steel, 12" long, 3" diameter round end, 1 3/4" x 3" rectangular end, unsigned. Courtesy of Liberty Tool Co.		
72812T2 Hoop driver	DTM	MH
Cast steel, 3 3/8" long, 3 1/2" edge, unsigned. This hoop driver has a socket.		

Davistown Museum Inventory of Tools - Industrial Revolution - Other

Coopers' Tools

	Status	Location
<p>101312T20 Hoop set</p> <p>Cast steel, cast iron, wood (maple), 7 1/4" long, 2 1/4" wide edge, 1 5/8" long handle, signed "SLOAN".</p>	DTM	TT
<p>101312T14 Hoop set hammer</p> <p>Cast steel, wood (maple), 13" long, 5" long head, 1 3/8" wide edge, 1 1/4" diameter face, signed "DAMAGED". This tool is also called a hoop driver or coopers' driver.</p>	DTM	TT
<p>61617T2 Hoop setting hammer</p> <p>Cast steel, 4 1/2" long, 1 5/8" wide, 1" thick, signed "C. DREW & CO. CAST STEEL".</p>	LPC	TT
<p>102503P3 Keg</p> <p>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". This is a typical mid- or late 19th century (1860 - 80) meat keg or "pork barrel" for the Maine coastal trade. It is a nice example of a factory-made keg.</p>	DTM	MH
<p>62212T3 Leveling plane (sun plane)</p> <p>Wood (bird's eye maple), cast steel blade, 17" long, 3 1/8" wide, 2 1/8" blade, signed "GREAVES & SONS ELECTRO BORACIC STEEL". Greaves & Sons is a famous and prolific Sheffield, England, manufacturer. The mark "electro boracic steel" suggests it had a late 19th century manufacturing date.</p>	DTM	MH
<p>31811T25 Unidentified tool</p> <p>Wood with a steel bracket, 22" long, unsigned. This possible coopers' tool has a tapered wood handle with a steel "L" shaped bracket threaded and secured to the handle with a standard sized nut.</p>	DTM	TT
<p>31811T26 Unidentified tool</p> <p>Wood with a steel bracket, 21" long, unsigned. This possible coopers' tool has a tapered wood handle with a steel "L" shaped bracket threaded and secured to the handle with a standard sized nut.</p>	DTM	TT

Copper Tools

<p>9514T13 Bunghole auger</p> <p>Steel, 16" long, 1 5/8" wide, 9" T-handle, unsigned.</p>	LPC	TT
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Domestic Utensils

<p>72013T1 Baseball bat</p> <p>Ash wood, 35 1/2" long, signed "LOUISVILLE SLUGGER HILLERICH & BRADSBY CO. LOUISVILLE, KY. RUTH".</p>	DTM	UNK
<p>41617T6 Bedpost top</p> <p>Wrought iron, 5" tall, 1 1/2" diameter, unsigned.</p>	DTM	TT
<p>91115T2 Box</p> <p>Tin, 15 1/4" long, 9 1/4" wide, 9 3/4" tall, unsigned.</p>	DTM	MH
<p>52512LTC1 Butcher's steel</p> <p>Forged steel, wood (beech), 15" long, unsigned. Courtesy of Sett Balise.</p>	DA	TT (Pub)
<p>61617LTC3 Button hole cutter</p> <p>Cast iron, steel, japanned finish, 4 1/8" long, 2" wide, 1 1/4" tall, signed "IDEAL BUTTON-HOLE CUTTER SHAW & CO.". </p>	DA	TT (Pub)
<p>62115T1 Candle snuffer with tray</p> <p>Steel, tin, paint, 7" long, 1 1/2" tall, 2 1/4" wide scissors, tray is 9 1/4" x 4", unsigned.</p>	LPC	MAG2

		Status	Location
121011T1 Candy roller		DTM	MH
<p>Brass, cast iron, tempered alloy steel, and rosewood, 11 1/2" x 6 3/4" base, 10" crank, 1/2" balls, signed "THE THREE MILLERS CO." "CONFECTIONERS SUPPLIES" and "7".</p> <p>This is 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 match 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.</p> <p>http://www.davistownmuseum.org/pics/121011t1-web1.jpg http://www.davistownmuseum.org/pics/121011t1-web5.jpg</p>			
72816T4 Cigar box opener		LPC	TT
<p>Steel, 4 5/8" long, 1 7/16" wide, 1/2" diameter face, signed "C W G" (owner's mark).</p>			
42712LTC1 Cigar box opener		DA	TT (Pub)
<p>Drop-forged steel, 8" long, signed "R.G. SULLIVAN'S 7-20-4 CIGAR" "R.G. SULLIVAN, INC. MANCHESTER, N.H.". This is a twentieth century artifact. Courtesy of Liberty Tool Co.</p>			
31016T3 Cream pitcher		LPC	MH
<p>Tin, solder, signed "HECHO IN MEXICO". This is a contemporary reproduction of a Civil War era pitcher.</p>			
32708T50 Crimping/pinking machine		DTM	MH
<p>Drop-forged iron and steel, wooden handle, 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".</p> <p>http://www.davistownmuseum.org/pics/32708t50-3.jpg http://www.davistownmuseum.org/pics/32708t50-1.jpg</p>			
6712LTC1 Embroidery hoop clamp		NOM	TT (Pub)
<p>Iron and steel, japanned finish, unsigned. It was patented in 1902. Courtesy of George Short</p>			
161617LTC2 Fish box		DA	TT (Pub)
<p>Wood, 6" long, 4" wide, 2 1/4" tall, signed "CHOICE BONELESS SMOKED HERRING PACKED BY BLANCHARD M'F'G' & CANNING CO. EASTPORT, ME.".</p>			
6712LTC3 Grass shears		DA	TT (Pub)
<p>Drop-forged steel, 12" long, 6" long cutting edges, signed "PAT. AUG. 11, 1914 No.4". They were patented by Patrick F. Ryan of Syracuse, NY. View the patent here: http://www.google.com/patents?id=vI9UAAAAEBAJ&pg=PA1&dq=aug.+11+1914+shears&hl=en&sa=X&ei=yMPpT6O0FZHUsgat1bXCDg&ved=0CDkQ6AEwAg#v=onepage&q=aug.%2011%201914%20shears&f=false. Courtesy of Liberty Tool Co.</p>			
6312LTC11 Hat brim cutter		DTM	MH
<p>wood and brass, 8" long, 9 1/2" wide, 3/4" thick, signed "ALBERT C. COURTER NEWARK N.J." and "10" with rule markings 1 to 5 inches.</p> <p>http://www.davistownmuseum.org/pics/6312LTC11_thumb_p1.jpg http://www.davistownmuseum.org/pics/6312LTC11_thumb_p2.jpg</p>			
42012T2 Horologist's screw plate		DTM	TT
<p>Cast steel, 7 3/4" long, 1 5/8" wide, signed "P S STUBS" "19 ENGLAND". This tool is a watch and clock-makers' screw threading plate.</p> <p>http://www.davistownmuseum.org/bioStubs.htm</p>			
42712LTC2 Ink eraser		DA	TT (Pub)
<p>Forged steel, bone, 6" long, signed "GERMANY". Courtesy of Liberty Tool Co.</p>			

Davistown Museum Inventory of Tools - Industrial Revolution - Other

Domestic Utensils

		Status	Location
050114T1	Lobster shere	DTM	MH
<p>Cast iron, 7 3/8" long, 1" wide, signed on box "No. 420" "LOBSTERSHERE" "The Belden Machine Co." "New Haven, Conn., U.S.A." "Makers of fine shears since 1860".</p> <p>http://www.davistownmuseum.org/bioBelden.html</p>			
9615LTC2	Lollipop holder	DA	TT (Pub)
<p>Wood, 19 1/4" tall, 5 3/8" x 5 3/8" base, unsigned.</p> <p>This lollipop stand is from Washington County Country Store, circa 1890.</p>			
41801T8	Meat saw	DTM	MH
<p>Malleable iron, 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".</p> <p>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. It is a very rare maker's mark.</p>			
32708T66	Mouse trap	DTM	MH
<p>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".</p> <p>This is a guillotine style mouse trap, made in France.</p> <p>http://www.davistownmuseum.org/pics/32708t66-1FrenchGuillotineMouseTrap.jpg</p> <p>http://www.davistownmuseum.org/pics/32708t66-2.jpg</p>			
42615T1	Piano tuning hammer	DA	TT (Pub)
<p>Steel, wood (cocobolo), 11" long handle, 3 3/8" long extension, 9/16" diameter head, signed "HALE TUNING HAMMER PAT OCT. 30 1906.".</p>			
71312T4	Pruning shears	DTM	TT
<p>Cast steel, 10" long, 1 3/4" wide, 3" cutting edge, signed "FRANCE" "MAC".</p> <p>These shears have a crescent moon shape cut into them that appears when they are closed and locked.</p>			
52403T5	Razor	DTM	MH
<p>Cast steel, 6 1/4" long, 3" blade, signed "T. NOONAN & SONS CO BOSTON MASS MADE IN GERMANY".</p> <p>This is a late example of excellent quality German steel.</p>			
32115T1	Sad iron	DTM	MH
<p>Cast iron, asbestos, 5" long, 2 1/8" wide, 1 1/2" tall, signed "ASBESTOS SAD IRON".</p> <p>"The Asbestos Sad Iron design really did use asbestos. It was under the handle, inside a 'hood' or cover that fitted over a heated 'core'. It 'bottled up' the heat, said an ad, so it was all channeled through the hot solid steel surface that pressed the clothes smooth. No heat rose upward to bother the woman ironing." (http://www.homethingspast.com/asbestos-sad-irons/)</p>			
22411T12	Scraper	DTM	TT
<p>Forged malleable iron, 12" long, 5 1/2" wide, 3 3/4" deep, unsigned.</p> <p>This may have been used as a chicken coop scraper. It is hand-forged and hand riveted.</p>			
22411T20	Shears	DTM	TT-D9
<p>Forged steel, 9" long with a 2" blade, signed "W PA____" "& SON" "SHEFFIELD" "ENGLAND" "HERRIC____" and "COMPANY".</p> <p>These shears have a curved blade.</p>			
32708T49	Stapler	DTM	MH
<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>http://www.davistownmuseum.org/pics/32708t49-1.jpg</p> <p>http://www.davistownmuseum.org/pics/32708t49-3.jpg</p>			
6312LTC3	Stove burner handle	DA	TT (Pub)
<p>Grey cast iron, japanned finish, 8 3/4" long, unsigned.</p> <p>Courtesy of Liberty Tool Co.</p>			

Davistown Museum Inventory of Tools - Industrial Revolution - Other

Domestic Utensils

		Status	Location
110611T3	Straight razor	DTM	TT
<p>Cast steel, pearlite, 8.5" long handle, 3" long razor blade, signed "T. NOONAN & SONS CO BOSTON MASS", the trademark on the leather case reads "Black Demon".</p> <p>"Timothy Noonan was a Boston Hairdresser from 1871 through 1880. His primary address was on Washington Street: at 723, then 913, and 910. Sometime after 1880, the company became known as 'T. Noonan & Sons'.</p> <p>(http://www.hairraisingstories.com/Proprietors/NOONAN.html).</p>			
102904T19	Teapot	DTM	MH
<p>Cast iron, 3" diameter, signed but the mark is obscured.</p> <p>This is a gorgeous example of the age of malleable cast iron.</p> <p>http://www.davistownmuseum.org/pics/102904t19_p1.jpg</p>			
92515T1	Toilet handle	DTM	TT
<p>Steel, copper, compressed leather washers, 11" long, 1" diameter, unsigned.</p>			
72712LTC8	Upholsterers' shears	DA	TT (Pub)
<p>Cast steel, brass, 15" long, unsigned.</p> <p>Courtesy of the Liberty Tool Company.</p>			
121412T15	Wall scraper	DTM	TT
<p>Cast iron, steel, 8 5/8" long, 3 3/4" cutting edge, signed "WALL SCRAPER" "USE BROOM STICK ->" "WARRANTEED STEEL".</p>			
070915T1	Wallpaper roller knife	LPC	TT (Pub)
<p>Steel, wood, 2" diameter blade, 7" long, 4" handle, signed "RUSSELL GREEN RIVER WORKS".</p>			
71312T3	Weavers' shears	DTM	TT
<p>Cast steel, 4 1/2" long, 1 1/2" wide, 1 5/8" cutting edge, signed "TREAT ENGLAND".</p>			
51217T1	Wire whisk and strainer	DTM	TT
<p>Steel, 13 3/8" long, 4 3/8" wide, 1 3/4" deep, unsigned.</p>			
Files			
1020T9	Cabinet file	DTM	TT
<p>Tempered alloy steel, 8 1/2" long, 1/2" wide, signed "00 NICHOLSON XF MADE IN USA".</p>			
102012T14	Crossing file	DTM	TT
<p>Cast steel, 9 3/8" long, 11/16" wide, signed "PS STUBS".</p> <p>http://www.davistownmuseum.org/bioStubs.htm</p>			
102012T5	Crossing file	DTM	TT
<p>German steel (?), 11" long, 3/4" wide, signed "MADE IN SWITZERLAND A VALLORBES".</p>			
102012T12	Crossing file	DTM	TT
<p>German steel (?), 9" long, 5/8" wide, signed "B ANTOINE GLARDON VALEORBE MADE IN SWITZERLAND".</p>			
102012T11	Double cut square file	DTM	TT
<p>German steel(?), 19 1/2" long, 3/4" wide, signed "K&F U.S.A.". Kearney & Foot of Paterson, NJ and Philadelphia, PA, 1879-1897 used this mark. They made files and handles. Eventually, they were acquired by Nicholson File Co. (Nelson 1999, 437).</p>			
92812T1	Double cut wood file	DTM	TT
<p>Cast steel, 22 1/2" long, 1 3/4" wide, signed "WARRANTED CAST STEEL" (with a man on a horse) "W.A.T. ZACK & CO. Sheffield".</p>			
31811T16	File	DTM	TT
<p>Drop-forged and machine cut steel, 6 1/2" long, 3/8" wide, signed "ASHWORTH".</p> <p>This file is used for the second or fine cut. DATM (Nelson 1999) lists Sager Ashworth & Co. as working in Lowell, MA, 1857-1871.</p>			

Davistown Museum Inventory of Tools - Industrial Revolution - Other

Files

	Status	Location
<p>101213T2 File</p> <p>Steel, 9" long, 1" wide, signed "ST. CRISPIN'S". St. Crispin's is a shoemaker.</p>	DTM	TT
<p>913108T27 File</p> <p>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.</p>	DTM	MH
<p>72712LTC4 File handle</p> <p>Cast iron, 5 1/2" long, 1" diameter, holds a 1/4" diameter file, unsigned. This file handle appears to be based on E.C. Stearns' design but is unmarked. Courtesy of the Liberty Tool Company.</p>	DA	TT (Pub)
<p>31212T9 Files (2)</p> <p>Drop-forged tool steel, 8" long, 5/16" wide, signed "00 XF NICHOLSON MADE IN U.S.A.". William Nicholson founded Nicholson Files and Rasps in Providence, RI. They made files from 1864 to 1972 (Nelson 1999). Courtesy of Liberty Tool Co. http://www.davistownmuseum.org/bionicholson.html</p>	DTM	TT
<p>31811T21 Four in hand file</p> <p>Drop-forged machine cut tempered alloy 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.</p>	DTM	TT
<p>82613LTC1 Lock and gunsmiths' metal file set</p> <p>Steel, Eight files ranging from 6 1/4" to 10 3/4" long, signed "NICHOLSON".</p>	DA	TT (Pub)
<p>5616T1 Metal file</p> <p>Steel, 11 11/16" long, 1" wide, 3/16" thick, signed "NICHOLSON U.S.A. MADE IN U.S.A." "AXE".</p>	DTM	TT
<p>102512T19 Rasp</p> <p>German steel, brass ferrule, wooden handle, 18" long, 12" long and 1 1/4" wide blade, signed "W. E" on the tang with the rest hidden under the handle and "AOG" owner's mark. Courtesy of Liberty Tool Co.</p>	DTM	TT
<p>101213T3 Rasp</p> <p>Cast steel, 13 1/8" long, 1" wide, 1/4" thick, signed "BLACK DIAMOND WORKS C&H BARNETT U.S.A.". Barnett was established in 1863.</p>	DTM	TT
<p>102012T10 Riffler file</p> <p>Cast steel, 6 1/2" long, 3/8" wide, signed with an obscured mark.</p>	DTM	TT
<p>102012T8 Riffler file</p> <p>German steel (?), 11" long, 1/2" wide, signed with an obscured mark.</p>	DTM	TT
<p>31212T10 Round cut metal file</p> <p>Drop-forged tool steel, 8" long, 3/8" wide, signed "A.H. SWISS U.S.A. 00". Courtesy of Liberty Tool Co.</p>	DTM	TT
<p>102012T4 Single cut square file</p> <p>German steel (?), 12 1/2" long, 5/16" wide, signed "MCCAFFREY PHILADA". McCaffrey Bro. was founded by Hugh McCaffrey (born 1843 in Ireland, died 1919). Brothers John, Henry, James, and possibly Arthur were his partners. Founded in 1863, by 1896 they had become the McCaffrey File Company, which stayed open until 1933. They also used the name Pennsylvania File Works (Nelson 1999, 523).</p>	DTM	TT
<p>102012T13 Single cut triangle file</p> <p>Cast steel, 7" long, 3/8" wide, signed "PS STUBS". http://www.davistownmuseum.org/bioStubs.htm</p>	DTM	TT
<p>102012T7 Single cut triangle file</p> <p>Cast steel, boxwood, 5 3/8" long, 2 7/8" long handle, 3/4" wide, unsigned.</p>	DTM	TT

		Status	Location
30911T2	Square bastard file	DTM	TT
Drop-forged tool 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.			

31212T11	Triangle cut metal file	DTM	TT
Drop-forged tool steel, 8" long, 3/8" wide, signed "F.I. BROBETA FOLLORBE" "2 MADE IN SWITZERLAND" and a running rabbit logo. Courtesy of Liberty Tool Co.			

Fishing Implements

101312T2	Blood worm hoe	DTM	TT
Malleable iron, wood (maple), 10" long, 8 1/4" long handle, 12 1/2" wide, unsigned.			

101312T1	Clam rake	DTM	TT
Steel, wood (hickory), 9" long blades, 10 1/2" long handle, 7" wide, unsigned. This tool is also known as a clam hook.			

33116T1	Eel fork	LPC	TT
Forged steel, 13 7/8" long, 8 3/4" wide, 1 1/4" thick, signed "FS KENT BARNSTABLE MASS.".			

81713T7	Eel fork	DTM	TT
Forged steel, 10 3/4" long, 1 1/4" wide, 3/4" thick, signed "F.S. KENT BARNSTABLE MASS.". This is just the center tongue of the eel spear. DATM (Nelson 1999) lists Kent as a blacksmith who made eel spears with no working dates.			

22512T8	Eel spear	DTM	TT
Forged iron, 16" long, 6" wide, signed "IDEAL". This is a very nice example of an eel spear, it has not been damaged through use. A number of different companies used the brand name Ideal, but none are listed as making fishing equipment. Garant Inc. of Montmagny, QU, made various types of tools (Nelson 1999). Courtesy of Liberty Tool Co.			

52514T2	Fishing reel with hook and sinker	DTM	TT
Wood, rope, steel, lead, 12" x 7" x 2", signed "AWP 3411".			

33013T6	Fishing spool	DTM	MH
Wood (pine), rope (cotton), 12 1/2" x 13 1/2" x 1 1/2", unsigned.			

112704T1	Flensing knife	DTM	MH
Low carbon steel with wood handle, 9 5/8" long, cutting edge 8 1/2" wide, 30 1/2" long handle, 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	DTM	MH
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 handline 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>

101312T5	Hoe	DTM	TT
Forged iron, wood (hickory), 42" long, 7" x 6" head, unsigned. This hoe came from a family of clam diggers and likely served some duty for a marine hunter-gatherer.			

102100T24	Mackerel plows (2)	DTM	MH
Wood and slate, 7 1/2" long, 7 1/4" long, signed "J. A. P. 1864". Only the longer one is signed.			

Glass

Davistown Museum Inventory of Tools - Industrial Revolution - Other

Glass

		Status	Location
81713T15	Glass cutter	DTM	TT
Drop-forged steel, 4" long, 3/4" diameter, unsigned.			

Hammers

12813T3	Adz-eye hammer	DTM	TT
Cast steel, 5" long, 1 3/8" wide, 1 1/8" diameter face, unsigned.			

22601T4	Armorers' doming hammer	DTM	MH
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. An additional description of this hammer can be found in Lynch's catalog of tools in the museum reference area. http://www.davistownmuseum.org/bioLynch.htm			

92112T10	Ball peen hammer	DTM	TT
Malleable cast iron, wood (hickory), 16" long, 4 1/2" long head, 1 1/2" diameter face, signed "HERCULES FORGED STEEL HAMMER ATHA DEPARTMENT THE STANLEY RULE & LEVEL PLANT STANLEY WORKS MADE IN U.S.A. NEW BRITAIN, CONN." http://www.davistownmuseum.org/bioStanley.htm			

22411T25	Ball peen hammer	DTM	TT
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. Don't confuse it with the Ames Shovel Co. of Easton, MA.			

041505T9	Ball peen hammer	DTM	MH
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 was produced in the early to mid-20th century (c. 1925 - 1940). It is 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			

31311T2	Ball peen hammer head	DTM	TT
Drop-forged 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. Maydole was the inventor of the modern claw hammer.			

82516T1	Bookbinding hammer	DA	TT (Pub)
Steel, wood, 2 1/8" diameter face, 8 1/2" long, 5" long head, 14.4 ounces, unsigned.			

6415T1	Boston pattern paving hammer	DA	TT (Pub)
Steel, wood (hickory), 16 1/2" long head, 2" wide, 7 1/2" handle, signed "PINEL TOOL CO QUINCY MASS."			

10112LTC4	Brass face hammer	DA	TT (Pub)
Cast steel, wood (hickory), brass, 12 1/2" long, 4 3/8" wide head, 1 3/4" diameter face, signed "N R". One face of this hammer is covered in brass.			

42604T9	Bung hammer	DTM	MH
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". This is one of the many products of Christopher Drew's factory in Kingston, MA. http://www.davistownmuseum.org/bioDrew.htm			

121412T11	Caliper chisel	DTM	TT
Cast steel, wood (rosewood), 18 1/2" long, 8 3/4" long handle, 1/4" cutting edge, signed "BUCK BROS CAST STEEL". http://www.davistownmuseum.org/bioBuckBrothers.html			

TJG1001A	Carriage upholsterers' hammer	DTM	MH
Drop-forged steel and wood, 5 3/4" long with a 3/4" diameter head, 13" handle, signed "R C CLAY 1874". No R. C. Clay is listed in DATM (Nelson 1999). http://www.davistownmuseum.org/pics/tjg1001a.jpg			

Davistown Museum Inventory of Tools - Industrial Revolution - Other

Hammers

		Status	Location
TJG1002	Carriage upholsterers' hammer	DTM	MH
Drop-forged steel and wood, 7" long handle, 4" long head, 1/2" square face, signed "PATENTED JUNE 76".			
22311T22	Caulking hammer head	DTM	MH3-D3
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			
121412T2	Claw hammer	DTM	TT
Cast steel, wood (hickory), 13" long, 5" long head, 1 1/16" diameter face, signed "STANLEY 5 1/2 16-OZ". http://www.davistownmuseum.org/bioStanley.htm			
6703T18	Claw hammer	DTM	TT
Forged iron and steel, 5" long, 1 1/2" wide, 2" tall, signed "WARNER". The DATM (Nelson 1999) lists I. Warner and Warner & Noble as hammer makers from 1882 to 1894. The stamp is crude, but the hammer is exceptionally hand forged: both the face and claws feature forge-welded laminated steel.			
22612T13	Claw hammer	DTM	TT
Drop-forged steel, wood handle, 7" long, 2 3/4" hook, signed "Cheney". The head has a curved claw with a nail starter/holder, marketed as the "Cheney Nailer." The manufacturer was Cheney Hammer Co. in Little Falls, NY. Courtesy of Liberty Tool Co. http://www.davistownmuseum.org/bioCheney.html			
TJD1004	Claw hammer - screwdriver	DTM	MH
Drop-forged steel, wood, 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 making their appearance in the late 19th century.			
123012T1	Claw hammer head	DTM	TT
Drop-forged steel, 3 1/2" long, 1 5/8" tall, face is 13/16" diameter, signed "HAND MADE".			
22612T10	Claw hammer head	DTM	TT
Drop-forged steel, 4 1/2" long, unsigned. This hammer head has a curved claw with a Cheney design nail holder/starter. Courtesy of Liberty Tool Co.			
3312T7	Claw hammer head	DTM	TT
Cast steel, 5 1/2" long, 2" tall, 1" wide, 1" diameter face, signed "STANLEY 101 1/2 16 OZ". Courtesy of Liberty Tool Co. http://www.davistownmuseum.org/bio#bioStanley.htm			
5616LTC4	Crate hammer	DA	TT (Pub)
drop forged steel, 11" long, 3 5/16" wide, 9/16" thick, signed "GIANT GRIP STAPLE PULLER J.L. KELLEY ERIE. P.A. DROP FORGED".			
101312T26	Cross peen hammer	DTM	TT
Cast steel, wood (maple), 13 1/4" long, 4 1/2" long head, 7/8" wide edge, 1" diameter face, signed "SNOW & NEALLY CO BANGOR MAINE OUR BEST".			
041505T4	Cross peen hammer	DTM	MH
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 http://www.davistownmuseum.org/bioStanley.htm			
32802T3	Cross peen hammer	DTM	MH
Drop-forged steel, 4 1/4" long, 15/16" wide peen and head, unsigned. http://www.davistownmuseum.org/pics/32802t3.jpg			

Davistown Museum Inventory of Tools - Industrial Revolution - Other

Hammers

	Status	Location
<p>41212T2 Cross peen sharpening hammer head</p> <p>Drop-forged steel, 4 3/4" long, 2" wide, 1 7/8" tall, unsigned. This design is also called a drill sharpening hammer, intended for sharpening rock drilling tools. This example is just the head with no handle. Courtesy of Liberty Tool Co.</p>	DTM	TT
<p>91716LTC1 Crosscut saw tooth hammer</p> <p>Drop-forged tool steel, wood, 7 3/8" long, 2 1/2" wide, 1/2" diameter face, signed "SIMONDS CRESCENT HAMMERS NO. 346 FOR CROSSCUT SAWS Tool Steel Drop Forged".</p>	DA	TT (Pub)
<p>102512T7 Doghead saw hammer</p> <p>Steel, wooden handle, 14" long, 4 1/4" long head, signed "HENRY DISSTON & SONS" "PHILADA" in a curve and an owner's mark "D.P.M.". Courtesy of Liberty Tool Co. http://www.davistownmuseum.org/bioDisston.htm</p>	DTM	TT
<p>041505T13 Floor hammer</p> <p>Drop-forged steel, 6" long, 1 3/16" octagonal face, unsigned, c. 1875. This is a typical 19th century hammer. It was used for floor ripping. It is the hammer on the right side of the photograph. http://www.davistownmuseum.org/pics/041505t7.jpg</p>	DTM	MH
<p>52603T32 Hammer</p> <p>Drop-forged steel, 9 1/2" long, 5" head, signed "H. K. NIGHT", 1883.</p>	DTM	MH
<p>31602T8 Hammer</p> <p>Drop-forged steel with wooden handle, 11" long with head 4 1/2" long and 5/8" wide, signed with an obscure etched mark: "MOR__S Woburn Mass, Chicago USA" and a logo. This hammer was found together with the hammer 31602T1. A possibility for the mark is: "Morley Bros" a saddlery and harness company in Chicago. The mark "Woburn Mass" is a mystery. http://www.davistownmuseum.org/pics/31602t8.jpg</p>	DTM	MH
<p>93011T11 Hammer</p> <p>Drop-forged 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	MH
<p>33002T23 Hammer</p> <p>Drop-forged steel, 4 1/8" long, 2 5/8" long cross peen, 3/32" and 5/16" wide ends, signed "Simonds 333". It was probably made by George Simonds, Boston, +/- 1889, a hammer- and planemaker. It is similar to a grindstone trimming hammer but is probably for whitemithing. It is not in the hammer section of Sellens (2002) Dictionary of American Hand Tools. http://www.davistownmuseum.org/pics/33002t23.jpg</p>	DTM	MH
<p>31311T7 Hammer</p> <p>Drop-forged 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	TT
<p>31602T1 Hammer</p> <p>Drop-forged steel with a wood handle, 15 1/2" long, 4 11/16" wide, signed "4" meaning four pounds. The hammer head is faceted. The use is unknown. http://www.davistownmuseum.org/pics/31602t1.jpg</p>	DTM	MH
<p>10112LTC6 Hammer adz</p> <p>Cast steel, wood (hickory), 14" long, 5 3/4" wide head, 1 7/8" wide edge, 1 1/16" diameter face, signed "CHENEY No. 777".</p>	DA	TT (Pub)
<p>31311T4 Hammer head</p> <p>Drop-forged 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	TT
<p>31811T22 Hammer head</p> <p>Drop-forged steel, 9" long, 1 1/2" wide, signed "JOHN EA__" "BOSTON MASS". This could be a stone workers' hammer.</p>	DTM	TT

Davistown Museum Inventory of Tools - Industrial Revolution - Other

Hammers

		Status	Location
22211T6	Hammer head	DTM	TT
<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>			
TJG3001	Hammers (5)	DTM	MH
<p>Drop-forged steel or alloy steel, signed as described below. This is a group of five 20th century hammers. The claw hammer is 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. The tack hammer has a 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, is signed "1419 PLUMB MFG. USA". A claw hammer is signed "CHRO-MOLY MADE IN USA". The rest of the signature is obscured, 5" long head with a 1 1/8" face. This 20th century hammer typifies variations in tool steel that could be used in a special purpose hammer. This one appears to be steel and molybdenum. A body hammer, 4 1/4" long, 1 3/4" round face, and 1 1/2" square face is signed "Blue Point" and "BF 60C USA".</p>			
10513T1	Masons' bushing and feathering brick hammer	DTM	TT
<p>Cast steel, wood (hickory), 12" long, 8" head, 1" x 1" face, signed "C. DREW & CO". http://www.davistownmuseum.org/bioDrew.htm</p>			
31808SLP2	Nail holding hammer	DTM	TT
<p>Drop-forged steel and wood, 13 3/4" long, 11 1/2" long handle, unsigned. http://www.davistownmuseum.org/pics/31808slp2-1.jpg http://www.davistownmuseum.org/pics/31808slp2-1.jpg</p>			
10112LTC5	Nailer hammer	DA	TT (Pub)
<p>Cast steel, wood (hickory), 13" long, 5" wide head, 1 1/8" diameter face, signed "CHENEY". This Cheney hammer has a built in nail holder that uses ball bearings.</p>			
10112LTC2	Railroad hammer	DA	TT (Pub)
<p>Cast steel, wood (hickory), 35 1/4" long, 9" wide head, 2" diameter face, signed "N". This hammer is used for setting and removing railroad spikes.</p>			
92812LTC1	Rawhide hammer	DA	TT (Pub)
<p>Rawhide, wood (hickory), 14" long, 4 3/4" wide head, 2 11/16" diameter face, signed "GARLAND".</p>			
32708T55	Riveting hammer head	DTM	MH
<p>Drop-forged steel, 6" long, 1 1/8" wide, unsigned. http://www.davistownmuseum.org/pics/32708t55.jpg</p>			
121112T3	Rounding hammer	DTM	MH
<p>Drop-forged iron and steel, wooden handle, 32 1/2" long, 8 3/8" long head, 3" diameter circular steel faces at both ends of the head, unsigned. The use of this hammer is not known. It is in the form of a very large tin knockers' raising hammer, but with two identical, slightly rounded, peens. The weight of the hammer head is 8 to 9 pounds. Possibly it was associated with metalworking at the Bath Shipyards.</p>			
102612T7	Saw hammer	LPC	MH
<p>Steel, wooden handle, 14 3/4" long, 6" long and 2" wide head, signed "FISHER". This is a hammer for working on large circular mill saws to true the blades. There were two Fishers working out of Philadelphia, PA circa early 1800s, who made saws but neither one is listed as having made hammers and this looks more recent than that.</p>			
102612T4	Scaling hammer	DTM	TT
<p>Steel, 38" long, 3" wide, 4" circular handle and lever, signed "303" on the handle. The lever is used to move the pointed end. http://www.davistownmuseum.org/pics/102612T4.jpg</p>			

Davistown Museum Inventory of Tools - Industrial Revolution - Other

Hammers

		Status	Location
92813T1	Slate hammer	DTM	TT
<p>Cast steel, compressed leather washers, 11 1/2" long, 9 1/4" long head, 1" tall face, signed "THE BELDEN MACHINE CO NEW HAVEN CONN USA".</p> <p>http://www.davistownmuseum.org/bioBelden.html</p>			
020712T2	Slater's hammer	DTM	MAG2
<p>Forged steel, wood, 12 3/4" long, 10 3/4" head, 13/16" face, signed H.H. HARVEY MANF'R. H.H. Harvey worked out of Augusta, ME and Boston, MA circa 1872-1914.</p>			
913108T16	Sledge hammer	DTM	MH
<p>Drop-forged steel, wood, 5 1/6" long with a 3 1/2" long handle, 3" wide and 1 1/2" long head, unsigned.</p>			
041505T5	Sledge hammer	DTM	MH
<p>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".</p> <p>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.</p> <p>http://www.davistownmuseum.org/pics/041505t5.jpg</p>			
041505T6	Sledge hammer	DTM	MH
<p>Drop-forged steel, 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.</p> <p>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.</p> <p>http://www.davistownmuseum.org/pics/041505t5.jpg http://www.davistownmuseum.org/bioAtha.html</p>			
52612LTC1	Sledge hammer	DA	TT (Pub)
<p>Drop-forged steel, wood (hickory), 15 1/4" long, 13 1/2" long handle, 1 3/4" diameter face on the head, signed "4 LB WEAR SAFETY GOGGLES". Courtesy of Liberty Tool Co.</p>			
22813LTC4	Stone bush hammer	DA	TT (Pub)
<p>Cast steel, wood (hickory), 13 1/2" long, 8" long head, 2 1/2" edges, 2" wide, unsigned.</p>			
101312T15	Striking sledge hammer	DTM	TT
<p>Cast steel, wood (hickory), 31 1/2" long, 6" long head, 2" diameter faces, signed "4".</p>			
Ice Tools			
8314T5	Ice ax	DTM	TT
<p>Cast steel, wood (hickory?), 28 1/2" long, 13 1/2" long head, 1 1/4" wide, signed "GIFFORD WOOD CO" "615".</p> <p>http://www.davistownmuseum.org/bioWood.html</p>			
8314T8	Ice ax	DTM	TT
<p>Steel, 12" long, 2 3/4" tall, 1 1/8" wide, signed "600 GIFFORD WOOD".</p> <p>http://www.davistownmuseum.org/bioWood.html</p>			
82308T1	Ice ax	DTM	MH
<p>Drop-forged iron and steel, 13 1/2" long, 1 5/8" wide, signed "WM.T.WOOD".</p> <p>http://www.davistownmuseum.org/bioWood.html</p>			

Davistown Museum Inventory of Tools - Industrial Revolution - Other

Ice Tools

		Status	Location
91303T11	Ice ax	DTM	MH
<p>Drop-forged iron and steel with a wooden handle, 11 1/2" long, 2 1/4" wide blade, signed "Wm. T. Wood & Co". This is 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." http://www.davistownmuseum.org/pics/91303t11.jpg http://www.davistownmuseum.org/bioWood.html</p>			
8314T4	Ice ax	DTM	TT
<p>Cast steel, 12 3/4" long, 2 3/8" tall, 1 1/4" wide, signed "UNDERHILL EDGE TOOL CO". http://www.davistownmuseum.org/bioUnderhill.html</p>			
52907T1	Ice ax	DTM	MH
<p>Drop-forged iron and 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</p>			
8314T7	Ice ax	DTM	TT
<p>Cast steel, 13 3/4" long, 2 5/8" tall, 1 1/2" wide, signed "C.D. BRIDDELL". The middle initial on this mark is very worn and could be either a C. or D. Charles D. Briddell Inc. of Crisfield, Maryland made oyster knives and tableware from around 1900. There are many ice picks and cleavers marked only "BRIDDELL" on eBay. Jason Rhodes' "Somerset County, Maryland: A Brief History" indicates that ice tools were added to the company's line around 1925.</p>			
8314T3	Ice axe	DTM	TT
<p>Cast steel, 13" long, 2 1/8" tall, 1" wide, signed "STAATSBURG".</p>			
61512LTC1	Ice chopper	DA	TT (Pub)
<p>Drop-forged steel, brass, rosewood handle, 9 1/2" long, 2 1/4" wide, unsigned. Courtesy of Liberty Tool Co.</p>			
8314T10	Ice chopper	DTM	TT
<p>Steel, wood, 27" long, 4" wide, 4" rear handle, signed "Gifford Wood Co". http://www.davistownmuseum.org/bioWood.html</p>			
101312T22	Ice chopper	DTM	TT
<p>Drop-forged steel, wood (rosewood), 9" long, 2 1/2" wide, 1 1/4" tall, signed "HAMILTON BEACH NO 50".</p>			
8314T6	Ice chopper and crusher	DTM	TT
<p>Cast iron, wood (hickory), japanned finish, 12" long, 2" x 2" face, unsigned.</p>			
101312T13	Ice chopper and scoop	DTM	TT
<p>Drop-forged steel, wood (rosewood), 10" long, 2 1/4" wide, 2" tall, signed "NORTH BROS. MFG. CO. PHILA. PAT APR 8 1884". Hermann Albrecht was issued patent 295,501, which he assigned to the American Machine Company of Philadelphia. The North Brothers bought them out in 1892. (http://www.google.com/patents/US296501?pg=PA2&dq=apr+8+1884+ice&hl=en&sa=X&ei=bW19UKaFKMnJtAbxkYHQDw&ved=0CDMQ6AEwAA#v=onepage&q=apr%208%201884%20ice&f=false).</p>			
61204T5	Ice hook	DTM	MH
<p>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</p>			
12103T1	Ice saw	DTM	MH
<p>Drop-forged iron and steel, wood, 48" long, 6" wide, with 16" long and 2" wide wooden handle, unsigned.</p>			
8314T9	Ice tongs	DTM	TT
<p>Cast iron, 14 3/4" long, 6 3/4" wide, signed "SOUTHERN ICE & UTILITIES COMPANY".</p>			

		Status	Location
Knives			
42712LTC3	Banana knife	DA	TT (Pub)
<p>Steel, hardwood handle, 10 1/2" long, signed "DEXTER SOUTH BRIDGE. MASS." DATM (Nelson 1999, 356) lists Dexter Harrington & Son of Southbridge, MA as makers of knives and leather tools from 1873 to 1875. It also lists Harrington Cutlery Co. of Southbridge, MA as using Dexter for a brand name. Courtesy of Liberty Tool Co.</p>			
12812T2	Bill hook	DTM	TT
<p>Drop-forged German steel, brass rivets, wooden (hickory) handle, 16 3/4" long, 3" long blade with 5" hook, 5 1/2" long handle, signed "RUBINO" "NETRO". This brush hook or machete is made with one casting and the hook is protruding from the handle. Rubino Netro is an Italian maker.</p>			
111116T9	Brush knife	DTM	TT
<p>Forged steel, wood, 20" long, 2 1/4" wide, 1 1/4" diameter handle, unsigned. This knife's blade widens towards the end and has a flat, sharp tip.</p>			
22813LTC5	Butchers' cleaver	DA	TT (Pub)
<p>Cast steel, wood (rosewood), 20" long, 9" long handle, 7" wide, signed "FOSTER BROS TRADE MARK 10" with an arrow.</p>			
30911T5	Carriage-makers' body knife	DTM	TT
<p>Cast steel (?), brass ferrules, and wood handles, 17" long, 5 1/2" long 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.</p>			
72712LTC5	Cloth knife	DA	TT (Pub)
<p>Drop-forged steel blade, brass, wooden (rosewood) handle, 5 1/2" long without the blade inserted, 3/4" wide, 6" long blade, unsigned. Courtesy of the Liberty Tool Company.</p>			
7712LTC5	Dandelion or asparagus knife	DA	TT (Pub)
<p>Drop-forged steel, wooden (ash) handle, 14" long, 1 3/8" wide, 9 1/4" long cutting edge, unsigned. Courtesy of Liberty Tool Company.</p>			
72816T3	Fish splitting knife	DTM	TT
<p>Steel, wood, brass, 10 3/8" long, 1 5/16" wide, 1 1/16" diameter handle, signed "L.D. LOTHROP & SONS GLOUCESTER MASS" "DIAMOND PATS". Llewellyn Day Lothrop worked circa 1900 and is more famous for manufacturing fog horns.</p>			
10112LTC3	Head knife	DA	TT (Pub)
<p>Drop-forged steel, brass, wooden (rosewood) handle, leather sheath, 6 1/2" long, 4 1/2" wide, 1" thick, signed "C.S. OSBORNE EST 1896 NEWARK NJ" with a star touchmark. http://www.davistownmuseum.org/bioOsborne.html</p>			
22612T11	Knife	DTM	TT
<p>Drop-forged steel, wood handle, 4 3/4" long blade, 4" handle, signed "CHARLES M&H Co FRANCE NEW.YORK" with double quotes around "CHARLES". Probably this was used as a fillet knife. Courtesy of Liberty Tool Co.</p>			
71114T2	Knife	LPC	MH
<p>Steel, wood (rosewood), 11 1/4" long, 7" blade, signed "BEAVER FALLS CUTLERY COMPANY PA." Beaver Falls Cutlery Company operated from 1866-1886.</p>			
31811T15	Knife	DTM	TT
<p>Drop-forged 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 "SHEFIELD". The manufacturer's mark is partially hidden under the handle. This knife might be used for shucking clams.</p>			

Davistown Museum Inventory of Tools - Industrial Revolution - Other

Knives

		Status	Location
33002T22	Knife	DTM	MH
<p>Drop-forged steel, brass ferrule, wooden handle, 8 7/8" long including 4 5/8" handle, signed with Japanese lettering. 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</p>			
31611T2	Knife	DTM	TT
<p>Drop-forged 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.</p>			
31311T5	Knife	DTM	TT
<p>Drop-forged steel, iron ferrule, wooden 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" by Joseph Collins.</p>			
42812LTC3	Oyster knife	DA	TT (Pub)
<p>Steel, wood (beech), 6" long, 2 1/2" long blade, unsigned. Courtesy of Liberty Tool Co.</p>			
42012T7	Pruning knife	DTM	TT
<p>Drop-forged steel, rosewood, 4" long folded, 1" wide, signed "NORTHFIELD" "KNIFE Co" "CONN". It was made by Northfield Knife Co. of Lichfield County, Connecticut (still standing), which was in operation from 1858-1929 (Nelson 1999, 581). Provenance: Northfield, CT.</p>			
72312LTC2	Pruning knife	DA	TT (Pub)
<p>Drop-forged steel, brass fittings, wooden (rosewood) handles, 4 1/2" long, 3 1/4" long blade, signed "KUTMASTER UTICA, N.Y., MADE IN U.S.A.". Kutmaster was founded in 1910 and is still in business today as a division of Utica Cutlery Company (http://www.kutmaster.com/). Courtesy of Liberty Tool Company.</p>			
090508T7	Putty knife	DTM	MH
<p>Drop-forged steel 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 Tyzak & Son located at Heely (near Sheffield) c. 1842 to at least 1919 (http://www.uniclectica.com/misc/manuf.html).</p>			
090508T5	Putty knife	DTM	MH
<p>Drop-forged steel, wooden 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 c. 1883 - 1897 (http://www.uniclectica.com/misc/manuf.html).</p>			
52603T39	Scutcheon knife	DTM	MH
<p>Drop-forged steel, wooden handle, 17" long, unsigned.</p>			
62112LTC2	Taxidermy and cadaver knife	DA	TT (Pub)
<p>Cast steel, stag horn, ivory, silver trappings, 5" long, 1 1/2" lip, 2 1/2" and 2" long blades, signed "WARREN MUSEUM BOSTON MASS.". The Warren Anatomical Museum opened in 1847 as an extension of Harvard University. No other example of this rare knife form is currently known with this signature. http://www.davistownmuseum.org/pics/62112LTC2-5bw.jpg</p>			
121805T29	Utility knife	DTM	MH
<p>Drop-forged steel, 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. http://www.davistownmuseum.org/bioRussel.html</p>			

Logging Tools

		Status	Location
31016T2	Bark spud	LPC	MH
Steel, wood, 29 3/8" long, 2 1/8" wide, 1 7/8" diameter, signed with an obscured maker's mark.			
61204T1	Cant dog	DTM	MH
Drop-forged iron and steel, wooden handle, 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			
4106T9	Cant dog peavey	DTM	MH
Drop-forged iron and steel, wooden handle, 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 c. 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			
22211T14	Folding caliper rule	DTM	TT
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 twofold 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			
71512LTC1	Folding log measure rule	DA	TT (Pub)
Boxwood, brass, 24" long, 11/16" wide, 5/32" thick, signed "THE C-S. CO. PINE MEADOW CONN. U.S.A.". This unusual four-fold rule, the Chapin-Stephens No. 79 1/2, has a lip on the end of one of the legs and graduations for measuring board feet of lumber in a log of given length. Typically, log measures are not folding. Courtesy of Liberty Tool Company.			
http://www.davistownmuseum.org/bioChapin.html			
22211T13	Folding rule (board scale)	DTM	TT
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	TT
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			
33112T2	Hewing ax	DTM	TT
Cast steel, wood handle, 7 1/4" long, 1/2" wide, signed "J. R. Deering" "Libby and Bolton" and "Warranted cast steel".			
Deering is a Saco Maine toolmaker (1849- 1881). He probably made this ax for Libby and Bolton who were also Maine toolmakers in Portland, Maine.			
http://www.davistownmuseum.org/publications/volume10.html			
51102T1	Log caliper	DTM	MH
Boxwood and brass, 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			
121412T12	Log marking hammer	DTM	TT
Cast steel, wood (hickory), 31 1/2" long, 11" wide head, 1" x 2" face, signed "GN".			
This hammer is used to mark ownership of logs. The "GN" it imprints stands for Great Northern Paper Company of Millinocket, ME.			

	Status	Location
101312T10 Multi-use lumber tool	DTM	TT
Drop-forged steel, 14 1/2" long, 3" wide, 15/16" thick, signed "US TWEAKER US PAT. NO. 4762303". Phillip G. Thomas of Ashland, OR, received this patent in 1988. Tweaker is a brand name currently sold by Mayhew and Sears. (http://www.google.com/patents/US4762303?pg=PA5&dq=4762303&hl=en&sa=X&ei=83B9UOjSMJDesgboy4HAAQ&ved=0CDIQ6AEwAA#v=onepage&q=4762303&f=false).		
22813LTC2 Peavey	DA	TT (Pub)
Cast steel, wood (beech), 56" long overall, 16" head, 9" hook, signed "3/8E. MANSFIELD & Co SNOW & NEALLEY CO.".		
93011T6 Pickaroon	DTM	TT
Low carbon steel, 10" long, 6" wide head, unsigned.		
4106T11 Pickaroon	DTM	MH
Drop-forged iron and steel, wooden handle, 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		
93011T5 Pickaroon	DTM	TT
Drop-forged iron and steel, wooden handle, 15" long, 5" wide head, signed "SNOW & NEALLEY CO" "BANGOR". http://www.davistownmuseum.org/publications/volume10.html		
112704T6 Portable chain saw	DTM	MH
Drop-forged steel and wood, 44 " long, 9 1/2" long handle, signed "DISSTON USA". This is a portable saw that was used by the military and others in isolated locations where it was not practical to carry stiff one or two man saws. http://www.davistownmuseum.org/bioDisston.htm		
121111T1 Portable chainsaw	DTM	MH
Steel, brass, wood, and leather pouch, 48" long, signed "FRANCIS" "WOOD & SONS" "SHEFFIELD" "1917". This is a World War I era British combat engineers' folding saw. http://www.davistownmuseum.org/pics/121111t1web1.jpg http://www.davistownmuseum.org/pics/121111t1web3.jpg		
31908T39 Pulp hook	DTM	MH
Drop-forged iron and steel, wooden handle (rosewood), 10" long, signed "SNOW & NEALLEY CO" and "BANGOR - MAINE". http://www.davistownmuseum.org/pics/31908t39p3.jpg http://www.davistownmuseum.org/publications/volume10.html		
32802T13 Saw set	DTM	MH
Drop-forged iron and steel, 8" long, signed "Morrell's PAT. Dec 14 88". This is 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. Saw sets of this size are often associated with setting the teeth on two-man logging saws.		
12801T17 Saw set	DTM	MH
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 http://www.davistownmuseum.org/bioHoe.html		
6312LTC7 Timber scribe	DA	TT (Pub)
Forged steel blade, brass ferrule, rosewood handle, 7 3/4" long, 1/8" wide channel, 3 3/8" long blade, unsigned. Courtesy of Liberty Tool Co.		

		Status	Location
42615T2	Timber scribing knife	LPC	TT
Wood (beech), forged steel, 7" long, 2" blade, 1 3/4" diameter, unsigned.			
041505T39	Timber-framing chisel	DTM	MH
Forged iron and cast steel, 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. It is 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			

Measuring Tools

42216T2	Advertising rule	LPC	TT
Wood: poplar, beech, walnut, ash, maple, buckeye, cherry, sycamore, bellwood, cedar, butternut, bass, 12" long, 1 5/8" wide, 5/16" thick, signed "PHILLIPINE MAHOGANY HENRY J. WINDE CO." "MANUAL TRAINING LUMBER 295 MEDFORD ST." "CHARLESTOWN, MASS. HARDWOODS".			
81916T2	Bevel square	DTM	MH
Steel, 2 7/8" handle, 4 1/2" blade, 5/8" wide, signed "J.A. TYLER".			
This small square is clearly handmade from steel stock with a nut holding the blade on.			
12217T8	Board rule	DTM	TT
Wood (beech), 36" long, 1 1/4" wide, 3/8" thick, unsigned.			
111116T8	Board stick rule	DTM	TT
Wood (Beech), 36" long, 13/16" x 13/16" wide, unsigned.			
111116T4	Board stick rule	DTM	TT
Wood (beech), brass, steel, 24" long, 1 1/2" wide, 1/2" thick, unsigned.			
22211T21	Carpenters' rule	DTM	TT
Tempered alloy 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			
22211T20	Carpenters' rule	DTM	TT
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.			
3213LTC3	Combination rule	DA	TT (Pub)
Boxwood, brass, 12" unfolded, legs are 3/8" x 5/8" thick, signed "No 36" "STEPHENS & CO. RIVERTON, CT. PATENTED JAN. 12. 1858".			
Phillip Stanley calls this "The most universal measuring tool ever made in America" in "A Source Book for Rule Collectors" (2004). It can be used as a two-fold ruler, try square, or inclinometer. The level in this particular specimen is missing. An image of this tool in the Chapin-Stephens catalog may be found here: http://www.davistownmuseum.org/bioChapin.html			
http://www.davistownmuseum.org/bioChapin.html			
31602T3	Cyclometer	DTM	MH
Brass, bronze, and steel, 4 1/4" high, 2" diameter face, signed "Boys & Ruckers signal cyclometer. Patent.".			
52916LTC1	Drafting vernier protractor	DA	TT (Pub)
Brass, 14 3/16" long, 5 5/16" wide, signed "Kern & Co Swiss".			

Davistown Museum Inventory of Tools - Industrial Revolution - Other

Measuring Tools

	Status	Location
<p>040103T15 Drill gauge</p> <p>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. Is it a wire gauge?</p> <p>http://www.davistownmuseum.org/pics/040103t15_p1.jpg</p>	DTM	MH
<p>041505T30 Drill gauge</p> <p>Steel, 5 1/4" long, 1 5/8" wide, signed "T. F. WELCH BOSTON". Tools by this small, c. 1900, Boston-maker of jewelers' bench drills are very uncommon.</p> <p>http://www.davistownmuseum.org/pics/041505t30.jpg</p>	DTM	MH
<p>12414LTC1 Engineer's plumb bob</p> <p>Bronze, steel, 4 1/2" long, 2 1/4" diameter, unsigned.</p>	DA	TT (Pub)
<p>12217T7 Extension rule</p> <p>Wood, brass, 38" long collapsed, 1" wide, 3/4" thick, unsigned.</p>	LPC	TT
<p>913108T11 Level</p> <p>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.</p> <p>http://www.davistownmuseum.org/bioLeon.html</p>	DTM	MH
<p>32313T6 Level</p> <p>Wood (rosewood), brass, glass, 29 1/2" long, 3 1/4" tall, 1 3/8" wide, signed "J.M. DAVIDSON PO'KEEPSIE". James M. Davidson worked in Poughkeepsie, New York circa 1860 to 1869.</p>	DTM	MH
<p>52408T6 Level</p> <p>Wood, brass, and glass, 5 1/2" long, 1 1/4" wide, 1 1/2" high, signed "STANLEY" "RULE & LEVEL CO." "New Britain Ct.". http://www.davistownmuseum.org/bioStanley.htm</p>	DTM	MH-O
<p>22311T9 Marking and mortise gauge</p> <p>Rosewood and brass, 7 1/2" long, 2" x 2" body with a brass adjustment mechanism, unsigned. Part of the Robert Sullivan Collection donation.</p>	DTM	TT
<p>42912LTC5 Medical calipers</p> <p>Drop-forged steel, 11 1/2" long, signed "WILLIS, PHILA.". These unusually designed calipers have a rule mounted on them with both metric and fractional increments. Courtesy of Liberty Tool Co.</p>	DA	TT (Pub)
<p>6212LTC2 Miter square</p> <p>Forged steel, brass screws, rosewood, 9 1/2" long, 3 1/2" long handle, signed "STANLEY RULE & LEVEL CO". Courtesy of Liberty Tool Co. http://www.davistownmuseum.org/bioStanley.htm</p>	DA	TT (Pub)
<p>3213LTC4 Plumb bob</p> <p>Turned brass, cast steel, 3.5 ounces, 3" long, 3/4" diameter, unsigned.</p>	DA	TT (Pub)
<p>51212LTC1 Plumb bob</p> <p>Brass, 6 3/4" tall, 2 3/4" diameter, signed "C DREW & CO. KINGSTON, MASS.". Courtesy of Liberty Tool Co. http://www.davistownmuseum.org/bio#.bioDrew.htm</p>	DA	TT (Pub)
<p>30311T5 Plumb bob</p> <p>Steel and brass, 4" long, 1 1/2" diameter, unsigned. This is a reworked munition from WWI or WWII.</p>	DTM	TT

Davistown Museum Inventory of Tools - Industrial Revolution - Other

Measuring Tools

		Status	Location
32708T60	Plumb bob	DTM	MH
<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".</p> <p>http://www.davistownmuseum.org/pics/32708t60-2.jpg http://www.davistownmuseum.org/pics/32708t60-1.jpg</p>			
22211T8	Printers' ruler	DTM	TT
<p>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.</p>			
8312T6	Scratch gauge	DTM	TT
<p>Tool steel, 2 5/8" long, 3/4" diameter, unsigned. Also called a marking gauge it is used to scribe a line parallel to a surface.</p>			
41716T2	Slitting gauge	DTM	TT
<p>Cast iron, wood, steel, brass, 8 3/4" long, 1 3/4" wide, 2 1/8" thick, unsigned.</p>			
61204T13	Speed indicator	DTM	MH
<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.</p> <p>http://www.davistownmuseum.org/pics/61204T13.jpg</p>			
31808SLP14	Square	DTM	TT
<p>Steel, 7 3/8" long rule, 4 3/4" long handle, signed "STANLEY" on the handle and "HMC0" on the rule.</p> <p>http://www.davistownmuseum.org/pics/31808slp14-2.jpg http://www.davistownmuseum.org/bioStanley.htm</p>			
11301T2	Surveyors' transit	LPC	MH
<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".</p> <p>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>http://www.davistownmuseum.org/pics/11301t2.jpg http://www.davistownmuseum.org/bioBuff.html</p>			
5100T9	Tape measure	DTM	MH
<p>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.". It measures up to 50 feet. 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.</p> <p>http://www.davistownmuseum.org/publications/volume10.html</p>			
102503T5	Tape measure	DTM	MH
<p>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."</p> <p>http://www.davistownmuseum.org/pics/102503T5_p3.jpg http://www.davistownmuseum.org/publications/volume10.html</p>			
22601T3	Trammels	DTM	MH
<p>Tempered alloy 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.</p> <p>http://www.davistownmuseum.org/bioStarrett.htm</p>			
12414LTC2	Turned formal plumb bob	DA	TT (Pub)
<p>Brass, 2 1/4" long, 1 3/4" diameter, unsigned.</p>			

Davistown Museum Inventory of Tools - Industrial Revolution - Other

Measuring Tools

090508T4 Wire gauge

Status Location
DTM MH

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 carriers' knives and scrapers.

Miscellaneous Forged Hardware

71114T8 Dogs

LPC MH

Steel, 4 1/4" long, 1 5/8" wide, 1 1/2" tall, unsigned.

Miscellaneous Items

22612T12 Gate hook

DTM TT

Drop-forged malleable iron, 7" long, 2 3/4" hook, unsigned.

Courtesy of Liberty Tool Co.

31811T12 Gun barrel

DTM TT

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

The barrel has been cut to shorten it.

3405M1 Lithograph stone

DTM MAG-5

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, automobiles, and "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.

22612T8 Railroad spike

DTM TT

Drop-forged steel, brass, 6 1/4" long, unsigned.

It has a hole drilled into the pointed end and a 1/4" brass insert; perhaps it was used as an ornament? Courtesy of Liberty Tool Co.

22411T9 Ticket punch

DTM TT

Nickel-plated drop-forged alloy 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 MAG-2

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 MH

Glass, 23 1/2" high, signed on the label "C. H. Mumm & Co. Reims", 20th century.

It is a full Condon Rouge wine bottle. It is the curator's favorite wine bottle from his college days; it has nothing to do with the Archaeology of Tools.

Miscellaneous Tools

101312T19 Angle locknut pliers

DTM TT

Cast steel, 8" long, 2" wide when closed, signed "UTICA 750-8 PATENTED UTICA N.Y. U.S.A.".

These pliers are used for tightening locknuts in electrical boxes, removing burs from conduits and pipe, and cutting and stripping wire. The Utica Drop Forge and Tool Company of Utica, NY, has a number of plier patents that were issued in the early 1900s.

41716T1 Basket making mold

DTM TT

Wood, 15 1/4" tall, 14" wide, 10" thick, unsigned.

This basket making mold was used by Matthew Heintz.

6312LTC5 Battery pliers

DA TT
(Pub)

Drop-forged steel, 8" long, signed "PAZZANO WRENCH CO. WALTHAM MASS." "PAT. NO. 19027 MADE IN U.S.A.".

These pliers originally had a nickel finish. The Directory of American Tool and Machinery Patents (DATAMP) has posted a copy of Frederick Pazzano's (Waltham, MA) patent at this link:

<http://www.datamp.org/patents/search/advance.php?pn=RE19027&id=34068&set=2>. Courtesy of Liberty Tool Co.

Davistown Museum Inventory of Tools - Industrial Revolution - Other

Miscellaneous Tools

	Status	Location
<p>21812LTC5 Bench clamped sheet metal cutter</p> <p>Drop-forged steel, rosewood grip, 30" long, 8" wide, 6" deep, 7" handle, signed "NIAGARA" (with anchor logo). Courtesy of the Liberty Tool Company.</p>	DA	TT (Pub)
<p>51012LTC4 Bolt cutter</p> <p>Drop-forged steel, 18 1/4" long, signed "HKP" "Porter's "New Easy." Size No. 0. FOR 5-16 INCH BOLTS. RIGHT. LEFT. LEFT CLIPPER CUT JAW 5/16 SOFT STEEL" "RIGHT CLIPPER CUT JAW 5/16". Markings continued: "SOFT STEEL. BOSTON. U.S.A. PAT. OCT. 18. 92. OIL THE JOINTS AND CUTTING EDGES. TRADEMARK." John W. Geddes of Watertown, MA, invented a bench cutter and assigned it to H. K. Porter, Inc. of Everett, MA. This patent may be viewed at: http://www.google.com/patents?id=sPIFAAAAEBAJ&printsec=frontcover&dq=2,086,863&hl=en&sa=X&ei=a6OyT6dtkfCyBuSHzJUE&ved=0CDcQ6AEwAA. Courtesy of Liberty Tool Co.</p>	DA	TT (Pub)
<p>102512T18 Bolt header</p> <p>Hand-forged malleable iron, 9" long, 1" and 1 1/2" wide heads, unsigned. This is an essential tool of the shipsmith. One head has a 1/2" square hole and the other has a 1/2" round hole. Courtesy of Liberty Tool Co.</p>	DTM	TT
<p>72312LTC1 Book press</p> <p>Cast iron, japanned finish, 14" long, 18" wide, 16 1/2" high, unsigned. Courtesy of Liberty Tool Company.</p>	DA	TT (Pub)
<p>070716T1 Bookbinder's stamp</p> <p>brass and wood, 7 1/2" long, 5 1/2" long handle, 1" wide, signed "T.Lemieux". This stamp was used by a bookbinder to identify who made the binding. T. Lemieux was a shop in Quebec that was in business at the end of the 18th and beginning of the 19th century. The stamp went on the end of the book cover and provided some publicity for the shop. It was donated by Michel Poulin of Quebec City, Canada.</p>	DTM	MH
<p>8912T1 Bow drill</p> <p>Lathe turned steel, leather, wood, 13 1/4" long shaft, 11" wide, unsigned.</p>	DTM	MH
<p>52603T26 Brick chisel</p> <p>Drop-forged iron or steel, 11 3/16" long, 3" wide head, signed "C. S. OSBORNE & CO". http://www.davistownmuseum.org/bioOsborne.html</p>	DTM	MH
<p>111001T18 Brick chisel</p> <p>Drop-forged steel, 8" long, 1 3/4" x 3/16" wide chiseling face, signed "C. Drew & Co". This provides a reminder that Christopher Drew made more than calking irons, shingle rips, and cat's paws. http://www.davistownmuseum.org/bioDrew.htm</p>	DTM	MH
<p>81200M Buffalo belt</p> <p>Buffalo hide, 12' long, 3" wide, unsigned, c. 1880. This belt was 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.</p>	DTM	MHC-L
<p>8512LTC1 Bull leader</p> <p>Drop-forged steel, 8 1/2" long, 3" wide, unsigned. Courtesy of Liberty Tool Company.</p>	DA	TT (Pub)
<p>101701T9 Bullet mold</p> <p>Drop-forged iron, signed with an obscured maker's mark. This is another specimen for a classroom whatsit. It has an 1874 patent date.</p>	DTM	MH

	Status	Location
102100T28 Burins (5)	DTM	MH
Steel, brass, and wood, various lengths from 2 3/4" to 4" long, unsigned. These are 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		
72712LTC1 Butchers' saw	DA	TT (Pub)
Drop-forged iron and saw steel, wooden handle, 40 1/2" long, 10" wide cutting edge, unsigned. This saw has 11 teeth per inch and is designed for cutting through meat, sinew, and bone. Courtesy of the Liberty Tool Company.		
122712LTC2 Butt and rabbet gauge	DA	TT (Pub)
Brass, wood (rosewood), 7 1/4" long, 2 1/4" x 2" wide, unsigned.		
122712LTC1 Butt gauge	DA	TT (Pub)
Cast gray iron, nickel plate finish, 2 7/16" x 1 1/2" x 1 1/2", signed "No 95" "STANLEY". http://www.davistownmuseum.org/bioStanley.htm		
42912LTC11 Button pliers	DA	TT (Pub)
Drop-forged steel, 10 1/2" long, unsigned. The "button pliers" patent, from 1867, number 67,370, belongs to W. X. Stevens of Waterford, NY but was apparently purchased or reassigned to J. M. King & Company (there's no record of which it was, or when it happened). The 1886 book, "The City of Troy and its Vicinity" by Arthur James Weiss makes reference to an 1867 ad by the company referring to them as "button pliers" and the name stuck. There is another early reference to them named as such with an illustration in the 1897 catalog for Charles A. Strelinger & Company (http://home.comcast.net/~alloy-artifacts/other-makers-p2.html). Courtesy of Liberty Tool Co.		
42912T13 Card stretcher	DTM	MAG-5
Steel, nickel finish, 6 1/4" long when wound all the way, signed "PAT'D JUN. 23 1885". This is "a textile mill tool used for redrawing or taking blisters out of card clothing." (Sellens 2003, 108). Patent 3230,795 was assigned to George E. Kimball of Franklin, MA. View the patent here: http://www.google.com/patents?id=EW5eAAAAEBAJ&pg=PA2&dq=JUN.+23+1885+card+stretcher&hl=en&sa=X&ei=Az-1T4W-OM2a-ga_pZGqDg&ved=0CDcQ6AEwAA#v=onepage&q=JUN.%2023%201885%20card%20stretcher&f=false .		
TJD1005 C-clamp	DTM	MH
Drop-forged malleable iron, 6" long, 3" throat, signed "MARK CHICAGO 2 1/2". It is characteristic of the mass-produced C-clamps of the late 19th century.		
31611T9 C-clamp	DTM	TT
Drop-forged steel, 8" long, 3 1/2" wide, 4" capacity, signed "14".		
33002T11 C-clamp	DTM	TT
Drop-forged steel, 3 11/16" long, 2 5/16" throat, signed "Semi steel Made in USA", c. 1920. This is another variation in steel terminology on a commonplace generic hand tool.		
101701T6 C-clamp	DTM	MH
Drop-forged malleable iron, 7" long, 3 1/4" throat, signed "Woodruff 3 Eagle". Many Woodruffs are listed in DATM (Nelson 1999) but none as clamp-makers.		
111001T24 C-clamp	DTM	MH
Drop-forged steel, 8 1/4" long, 3 1/4" throat, signed "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). http://www.davistownmuseum.org/bioPeck.html		

		Status	Location
33002T10	C-clamp	DTM	MH
<p>Drop-forged malleable iron, 3 3/8" long, 2 1/4" throat, signed "Malleable Iron Unbreakable Made in USA", c. 1950. This is 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 Siemens open hearth steel production process allowed controlled mass production of large quantities of durable ductile malleable iron (low-carbon steel).</p>			
61215T2	Concrete grooving trowels	DTM	TT
<p>Cast iron, 7 1/2" long, 1 3/8" wide and 8 5/8" long, 7/8" wide, signed "STORTZ & SON PHILA PA." "288" "18". This set of two concrete grooving trowels are made by Stortz, a company that still manufactures some trowels and groovers (but not this particular set).</p>			
111001T23	Crimping tool	DTM	MH
<p>Drop-forged steel, wooden handle, 8 3/4" long, 5 1/8" 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? This is another whastit.</p>			
112914T1	Crowbar	DA	TT (Pub)
<p>Steel, 17 3/4" long, 3 1/4" wide, 5/8" thick, signed "DREW NO 18".</p>			
92911T11	Crowbar	DTM	MH
<p>Steel, 22" long, 3/4" diameter, unsigned. It is handmade from rebar stock,</p>			
11301T8	Cutting tool for lathes	DTM	MH
<p>Drop-forged steel, 6 3/4" long, 1 1/4" wide, signed "Cooper & Phillips Patented July 3, 1866 4". This is another tool heralding the arrival of the Industrial Revolution with its new tools that make other tools. Patent 56,141 was assigned to Theodore Cooper of Crompton Mills, Warwick, RI and Thomas Phillips, Providence, RI. View the patent here: http://www.google.com/patents/US56141?printsec=drawing&dq=july+3+1866+cooper&ei=izfjT9XRbtDntQbi16jEBg#v=onepage&q=july%203%201866%20cooper&f=false.</p>			
111412T10	Diagonal pliers	DTM	MH
<p>Alloy steel, 4 1/4" long, signed "U.D.F.&T. CORP." "41-4" ALLOY STEEL" and with three diamond shapes containing "U" "TI" "CA". They are made by Utica Drop Forge & Tool Corporation, located in Utica, NY from 1895 to 1912 (Nelson 1999, 809). More information on their pliers is here: http://home.comcast.net/~alloy-artifacts/utica-tool-p2.html.</p>			
10815T1	Digging and tamping bar	DTM	TT
<p>Steel, 30 1/2" long, 2 1/2" edge, 1" diameter, unsigned. This bar has an obscured mark.</p>			
72002T7	Drift	DTM	MH-K
<p>Steel, signed "Scully drift PAT. PEND. No 3 25103". This is an unusual looking 20th century tool.</p>			
111412T11	Fence pliers	DTM	MH
<p>Drop-forged iron and steel, 8 3/8" long, signed "HELLER BROS. CO." with a standing horse trademark. http://www.davistownmuseum.org/bioHellerBros.html</p>			
72712LTC12	Gasoline blowtorch	DA	TT (Pub)
<p>Drop-forged steel, brass, 6 1/2" long, 5 3/4" diameter tank, 11" tall, signed "GUARANTEED MERIT TORCHES". Courtesy of the Liberty Tool Company.</p>			
81200T6	Glass cutter	DTM	MHC-J
<p>Drop-forged iron and steel, 13" long, unsigned, late 19th century.</p>			

Davistown Museum Inventory of Tools - Industrial Revolution - Other

Miscellaneous Tools

	Status	Location
<p>21812LTC2 Heavy duty bench clamp with crimpers</p> <p>Drop-forged steel, 22" long, 6" wide, 3 1/4" high, signed "NIAGARA M. & T WKS. BUFFALO, N.Y.". Courtesy of Liberty Tool Company.</p>	DA	TT (Pub)
<p>73016LTC4 Hook-kon spring winder</p> <p>Aluminum, nickel finish, steel, 6 5/8" long, 2 1/4" wide, 7/8" wide, signed "HOOK-KON SPRING LOOPING TOOL" (patents obscured by double-stamp) "GARDNER WIRE CO. CHICAGO, U.S.A.".</p>	DA	TT (Pub)
<p>8312T5 Jackscrew</p> <p>Drop-forged steel, 1 11/16" tall, 1" diameter, unsigned.</p>	DTM	TT
<p>TBL5009 Jig</p> <p>Forged iron and wood, 9 1/2" long, 4" wide, unsigned. This unusual tool appears to have been recently made (c. 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?</p>	DTM	MH
<p>10811T1 Knife grinder for reapers</p> <p>Cast iron and steel, 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, Iroquois county, Illinois, on June 23, 1868 for grinding reaper knives. http://www.davistownmuseum.org/pics/10811t1web1.jpg http://www.davistownmuseum.org/pics/10811t1web2.jpg</p>	DTM	MH
<p>22411T22 Lasting pinchers</p> <p>Drop-forged alloy 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>	DTM	TT-D30
<p>7712LTC9 Lead pipe expander pliers</p> <p>Drop-forged iron painted black, 11 1/2" long, 3" wide, unsigned. Courtesy of Liberty Tool Company.</p>	DA	TT (Pub)
<p>6912LTC3 Lead pipe expander pliers</p> <p>Drop-forged steel, black paint finish, 11" long, 2 1/4" diameter, unsigned. These pliers are used for expanding lead pipes. Courtesy of Liberty Tool Co.</p>	DA	TT (Pub)
<p>102612T11 Lead pipe expanding pliers</p> <p>Steel, 11" long, 2" long head, signed "PAT. MAY 5th 1896". These are used by plumbers. This is the same patent, it belongs to John Anderson, as used on the Stanley No. 19. (http://www.google.com/patents/US559763?pg=PA2&dq=anderson+May+5+1896&hl=en&sa=X&ei=iJ-SUPjDI-GQ0AW7koD4AQ&ved=0CDUQ6AEwAA#v=onepage&q=anderson%20May%205%201896&f=false).</p>	DTM	TT
<p>072112T8 Linemans' pliers</p> <p>Drop-forged iron and steel, 6 1/2" long, 1" wide, signed "THE WAYMOTH CORP., PAWTUCKET, R.I.". This company made only cutting pliers (http://home.comcast.net/~alloy-artifacts/other-makers-p3.html).</p>	DTM	TT
<p>31611T8 Linemans' pliers</p> <p>Drop-forged German steel, 8" long, 1 1/2" head, signed "FRANCE".</p>	DTM	TT
<p>51606T9 Linemans' pliers</p> <p>Drop-forged steel, 7 1/4" long, signed "Drop forged steel Witherby No 1517". These early 20th century pliers show some evidence of handwork 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. http://www.davistownmuseum.org/bio#bioWitherby.html</p>	DTM	MH

		Status	Location
7612LTC7	Linemans' splicing clamp	DA	TT (Pub)
Drop-forged steel, 11 1/2" long, 2" wide, signed "KLEIN & SONS CHICAGO, U.S.A." "R56" with a small logo of two lineman on a telephone pole.			
This tool was made prior to the Chicago fire and was used for splicing several different sizes of wire. Mathais Klein began working in 1855, first specializing in electrical and telephone tools. The company is still in business as Klein Tools and sells many kinds of hand tools (http://en.wikipedia.org/wiki/Klein_Tools#Mathias_Klein_Builds_a_Legacy). Courtesy of Liberty Tool Company.			
72712LTC6	Linemans' splicing clamp	DA	TT (Pub)
Drop-forged steel, 11 1/2" long, 2" wide, signed "KLEIN & SONS CHICAGO U.S.A.". Courtesy of the Liberty Tool Company.			
72217LTC1	Marking clamps	DA	TT (Pub)
Cast iron, steel, 6 1/2" long, 3 1/4" wide, 5/8" thick, signed "RSA".			
These clamps have "RSA" cast into the jaws. Probably for marking logs or work.			
93011T8	Mechanics' cold chisel	DTM	TT
Drop-forged steel, 18" long, 2" wide, signed "ATHA" "1470" and with a horseshoe enclosing an A. http://www.davistownmuseum.org/bioAtha.html			
5512LTC1	Nail puller	DA	TT (Pub)
Cast iron, 17" long retracted, 22 1/2" extended, signed "BRIDGEPORT".			
TJR3002	Needle nose pliers	DTM	MH
Drop-forged iron and steel, 3" long, signed "WINCHESTER TRADE MARK".			
It is one of the tools produced in Connecticut by the Winchester Arms Co. http://www.davistownmuseum.org/bioWinchester.html			
93011T12	Nippers	DTM	MH
Drop-forged malleable iron and steel, 10 3/4" long, signed "N. S. NENBOOES" "SHEFFIELD".			
The signature is difficult to read. This is an example of an English-made and imported tool.			
TDJ1009	Oiler	DTM	MH
Sheet metal, 5 3/8" high with a 6" spout, signed "T. Stenau & Co. Pat May 12, 96".			
It looks older than it is.			
12413T1	Organ tuning cone	DTM	MH
Lathe-turned steel, 7 1/8" long, 1 1/4" diameter, unsigned.			
30202T9	Pattern	DTM	MH
Cast steel, 5" long base, 1 1/2" wide at top, 2 3/4" wide at bottom, 5/8" high, signed "5".			
The pattern is superimposed on the base. It appears to be a one-piece steel casting of unknown use.			
22612T7	Pin vise	DTM	TT
Drop-forged steel, brass, 4 1/2" long, unsigned.			
This tool was made in the late 1800s or early 1900s.			
101212LTC5	Pinking iron	DA	TT (Pub)
Cast steel, 4" long, 1/2" wide, signed "C.S. OSBORNE & CO. 1/2". http://www.davistownmuseum.org/bioOsborne.html			
122913T1	Pipe tongs	DTM	TT
Steel, 11" long, 2" tall, 1/2" wide, unsigned.			
These tongs, sometimes called a pipe wrench, are used for pipes and pumps.			

Davistown Museum Inventory of Tools - Industrial Revolution - Other

Miscellaneous Tools

		Status	Location
31611T7	Pliers	DTM	TT
Drop-forged German steel, 7" long, 1" nippers, signed "GARANTIE". This is a pinch plier with a nail remover. Garantie is the French word for guaranteed or warranted			
42216T1	Pliers	DTM	TT
Steel, 9 1/4" long, 1 1/4" thick, 2" wide, unsigned. These pliers have an unusual design with a hook going through a hole inside the jaws.			
102512T12	Pliers	DTM	TT
Drop-forged German steel (?), 11 1/4" long, 2" wide, signed "PAT. JULY. 6. 75" "OUT>>>" "<<<IN" and with owner's mark "ANSON P. MORRILL" stamped several times. Silas and John W. Sparks held the July 6, 1875 patent 165,266 for pliers (http://www.google.com/patents/US165266?pg=PA2&dq=pliers+July+6+1875&hl=en&sa=X&ei=FfePULSmLoa-0QXT0oCoDg&ved=0CDIQ6AEwAA#v=onepage&q=pliers%20July%206%201875&f=false). Courtesy of Liberty Tool Co.			
83102T9A	Pliers	DTM	MH
Drop-forged iron and 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 .			
TJR2201	Pliers	DTM	MH
Drop-forged iron, 5 1/4" long, signed "L.A. SAYRE, NEWARK, NJ". DATM (Nelson 1999) lists this company as working from 1884 - 1916.			
101701T13	Pliers	DTM	MH
Drop-forged steel, 8 3/8" long, signed "Wm Hjorth Jamestown NY. Pat Sept 8 1903". See DATM (Nelson 1999, 386) for more information. It is interesting for its unusual shape -- a tool as a sculpture object.			
6703T8	Pliers	DTM	TT
Drop-forged steel, 7" long, 1 1/2" wide, 3/4" thick, signed "PATENTED MAY 26-17". These elaborate pliers have an unknown function.			
22411T10	Pliers	DTM	TT
Drop-forged German steel, 6" long, 2" wide, signed "HUGONIOT-TISSOT" "FRANCE" and "A. F. & Co". These are electrician or linemans' pliers. The British Museum has pliers signed "HUGONIOT-TISSOT" that were made by Lucien Hugoniot-Tissot (French 1850 - 1930).			
52603T10	Pliers	DTM	MH
Drop-forged iron, 9 1/4" long, signed "HUBER" "TOO-WOP". These pliers are used for gas pipe fitting.			
31011T6	Pliers	DTM	TT
Drop-forged 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.			
41302T14	Pliers	DTM	MH
Drop-forged iron and steel, 5 1/2" long, 1 1/8" long and 1/8" wide adjustable steel jaws, unsigned. This is an unusual design for a special purpose hand tool. Its use is unknown.			
7712LTC2	Plumb bob	DA	TT (Pub)
Drop-forged steel, nickel-plated finish, 5" long, 3/4" diameter, signed "THE L.S. STARRETT CO., ATHOL, MASS. U.S.A." "No 177 PLUMB BOB 5 IN". Courtesy of Liberty Tool Company. http://www.davistownmuseum.org/bioStarrett.htm			
101615LTC1	Press	DA	TT (Pub)
Wood, brass, 6 1/2" long, 3 1/2" wide, 2 1/4" tall, unsigned.			

		Status	Location
TK1002	Pressed brick machine (U. S. patent model)	LPC	MH
<p>Bronze, iron, steel, and wood, 11" by 5 1/2" with a 7" diameter wheel kegs that extends 1 1/2" over the frame, unsigned. The patent was received by 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 fires in 1836 and 1887.</p> <p>http://www.davistownmuseum.org/pics/tk1002.jpg http://www.davistownmuseum.org/pics/tk1002_p2.jpg</p>			
33002T13	Pry bar	DTM	MH
<p>Drop-forged steel, 11 1/4" long, 1/2" wide pry, unsigned. The second pry is offset. This tool is for automotive use, possibly brake related.</p> <p>http://www.davistownmuseum.org/pics/33002t13.jpg</p>			
42801T18	Pry bar	DTM	MH
<p>Drop-forged steel, signed with the distinctive Atha and horseshoe trademark enclosing the letter A..</p> <p>http://www.davistownmuseum.org/bioStanley.htm</p>			
31908T42	Pry bar	DTM	MH
<p>Drop-forged steel, 8 1/2" long, unsigned. This is a very small pry bar.</p> <p>http://www.davistownmuseum.org/pics/31908t42p1.jpg http://www.davistownmuseum.org/pics/31908t42p2.jpg</p>			
31112T23	Pry bar	DTM	MH3-D2
<p>Drop-forged steel, 15 1/4" long, 1" wide, signed "C. Drew and Company". This is another of the Drew Co.'s more modern tools. Courtesy of Liberty Tool Co.</p> <p>http://www.davistownmuseum.org/bioDrew.htm</p>			
TGB2204A	Pulley (2)	DTM	MH
<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, signed "31046" and "310 :..". on the two pulleys.</p>			
41212T4	Pulley wheel	DTM	TT
<p>Wood (probably lignum vitae), 7" diameter, unsigned. This wheel is well-worn and has three screw-holes through it. Courtesy of Liberty Tool Co.</p>			
72712LTC7	Railroad conductors' punch	DA	TT (Pub)
<p>Drop-forged steel, nickel-plated finish, 5 1/2" long, signed "MCBEE MADE IN U.S.A. 529 5201". Courtesy of the Liberty Tool Company.</p>			
101312T3	Railroad shovel	DTM	TT
<p>Cast steel, wood (maple), 36" long, 9 1/2" wide, signed "MCRR CAST STEEL".</p>			
13016T1	Railroad spike	DTM	TT
<p>Steel, 6 1/2" long, 1 5/8" x 1 1/4" head, unsigned.</p>			
63001T5	Ratchet screwdriver	DTM	MH
<p>Drop-forged iron and steel, brass, wood, 15 1/2" long, 7 1/2" driver, signed "Gay Pat Dec 17 1878". This is a classic example of George E. Gay's (Augusta, ME. 1878 - 1905) patented screwdriver. It is a truly Maine-made tool.</p> <p>http://www.davistownmuseum.org/publications/volume10.html</p>			
22211T7	Ratchet screwdriver	DTM	TT
<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>			

		Status	Location
70701T5	Ratchet screwdriver	DTM	MH
<p>Drop-forged iron and steel, brass, wood, 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 (ID # 63001T5). http://www.davistownmuseum.org/publications/volume10.html</p>			
93011T18	Ratcheting screwdriver	DTM	TT
<p>Drop-forged tempered alloy steel, brass, 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>			
102515LTC2	Ratcheting screwdriver	DA	TT (Pub)
<p>Steel, brass, wood, 12" long, 1 1/2" diameter, 1/4" tip, signed PATENTED APRIL 6TH 1895; FOREST CITY SCREWDRIVER Co. This screwdriver was made by Zachary Furbish. The Davistown Museum has a page about him at http://www.davistownmuseum.org/bioFurbish.htm</p>			
33002T12	Recessed head screwdriver	DTM	MH
<p>Drop-forged steel, wooden handle, 11 5/8" long including a 4 1/2" handle, signed on ferrule "R & P Mfg Co Worcester-Chicago USA"; "Reed & Prince Mfg Co Worcester Chicago recessed reed wood screws machine screws sheet metal screws", c. 1938. The second signature is on the handle. 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>			
41312T1	Ring clamp	DTM	TT
<p>Brass, wood, leather, 6 1/4" long, 1" wide, unsigned. Courtesy of Liberty Tool Co.</p>			
72712LTC9	Riveting machine	DA	TT (Pub)
<p>Malleable cast iron, japanned finish, 12" tall with handle extended, 6" wide base, signed "FH SMITH MFG CO. CHICAGO USA" "THE UNIVERSAL PAT'D JUNE 1905". Henry C. Pomeroy's patent 791,724 may be viewed here: http://www.google.com/patents?id=ZaJGAAAAEBAJ&pg=PA2&lpg=PA2&dq=June+1905+riveting+machine&source=bl&ots=LOXnavtPZW&sig=ow9hXmOj0-DFKMi7CbPQWtlwwwQ&hl=en&sa=X&ei=dCwhUOjZic_itQbIs4DABw&ved=0CDAQ6AEwAA#v=onepage&q=June%201905%20riveting%20machine&f=false. Courtesy of the Liberty Tool Company.</p>			
4512LTC1	Rule clamp	DA	TT (Pub)
<p>Tempered alloy steel, 2 1/2" long, 1 3/4" wide, signed "No. 604R THE L.S. STARRETT CO. ATHOL, MASS.U.S.A.". Courtesy of Liberty Tool Co.</p>			
71512LTC2	Saw set	DA	TT (Pub)
<p>Drop-forged steel, nickel finish, 9" long, 3" wide, 7/8" thick, signed "KEEN KUTTER". E. C. Simmons, the large hardware firm of St. Louis, MO, used the brand name KEEN KUTTER. Courtesy of Liberty Tool Company.</p>			
91716LTC2	Saw set	DA	TT (Pub)
<p>Cast iron, steel, 6 1/4" wide, 3" tall, 7/8" wide, signed "SIMINDS No. 342 SAW TOOL".</p>			
71312T1	Saw swage	DTM	TT
<p>Drop-forged steel, wooden box, 4 3/8" long, 1 3/16" wide, 3/4" thick, signed "J.W. MIXER SAW TOOL CO. PLYMOUTH MASS. PAT'D JULY 2, 83 No 0".</p>			
021812T5	Scraper	DTM	TT
<p>Drop-forged steel, wooden handle, 12" long, 2 1/4" edge, 9" long handle, unsigned. This is a paint scraper that was commonly used in the early 20th century. The handle has a ball end.</p>			

		Status	Location
31811T5	Screwdriver	DTM	TT
Drop-forged steel, brass ferrule, wood handle, 5" long, 2" blade, unsigned.			
91303T10	Screwdriver	DTM	MH
Drop-forged steel, wood, 10" long, 3/4" wide blade, signed "The H. D. S. & Co Perfect Handle PAT Aug 26 03". This mark is by H. D. Smith of Plantsville, CT. The patent belonged to William Ward and may be viewed here: http://www.google.com/patents?id=fwtAAAAAEBAJ&pg=PA2&dq=ward+aug+25+1903&hl=en&sa=X&ei=4Szt--sB8vssgbR9NnBBg&ved=0CDcQ6AEwAA#v=onepage&q=ward%20aug%2025%201903&f=false .			
111900T11	Screwdriver	DTM	MH
Drop-forged steel, 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).			
913108T43	Screwdriver	DTM	MH
Drop-forged steel, wood, 14" long, 8 1/2" long blade, signed "HSC 8 ATA" "PERFECT HANDLE" "MADE PLANTSVILLE CONN USA" the company name is obscured. H. D. Smith worked in Plantsville, CT, 1850 - 1930; the "Co" was added to the mark in 1901. He used the "perfect handle" trademark (Nelson 1999). His heavy duty screwdrivers and wrenches are among the most sought after of all tools by collectors.			
14302T17	Screwdriver	DTM	MH
Drop-forged 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. It is an interesting design for a screwdriver.			
30311T7	Screwdriver	DTM	TT
Steel and wood, 12" long, 1 1/2" wide, unsigned. It is handmade from a file.			
81200T10	Screwdriver	DTM	MHC
Drop-forged steel, wood, and brass, signed "Winchester Trademark Made in USA". Note the screwdriver is incorrectly labeled in the photo as 81200T12. http://www.davistownmuseum.org/pics/tjg1001a.jpg http://www.davistownmuseum.org/bioWinchester.html			
TJR2202	Screwdriver	DTM	MH
Drop-forged iron, wood, 6 1/2" long, unsigned.			
101701T18	Screwdriver	DTM	MH
Drop-forged steel, wood, 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			
31011T3	Screwdriver bit	DTM	TT
Hand-forged 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.			
31311T10	Scribe (?)	DTM	TT
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.			
100108T4	Shears' sharpener	DTM	MH
Steel, wood, 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 Gifford, there is a scratch on the label. A gift from Ed Shaw. http://www.davistownmuseum.org/publications/volume10.html			

		Status	Location
102800T2	Slate trimmer	DTM	MH
<p>Drop-forged iron, 17 15/16" long with a 7 7/8" point for cutting holes in the slate, signed 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. http://www.davistownmuseum.org/bioBelden.html</p>			
63012T2	Slaters' hammer	DTM	TT
<p>Drop-forged steel, wooden handle, 12 1/2" long, 11" long, 3/4" wide head, 4 3/4" long, 1 1/8" wide handle, signed "H. H. HARVEY" "MANDER". This tool may have been re-forged at some point (see the shaft of the tool at the top of the handle). H. H. Harvey & Co's working dates were 1872-1914, Augusta, Maine with a sales office in Boston, MA. http://www.davistownmuseum.org/bioHarvey.html</p>			
51212T1	Slaters' shingle ripper	DTM	TT
<p>Drop-forged iron and steel, 24 1/2" long, signed "C DREW & CO. KINGSTON, MASS.". Courtesy of Liberty Tool Co. http://www.davistownmuseum.org/bioDrew.htm</p>			
TBL1001A	Slaters' shingle ripper	DTM	MH
<p>Drop-forged iron and steel, 24 3/4" long with 2" wide rip, signed "C DREW & CO KINGSTON MASS". This tool is on display above the fire exit. http://www.davistownmuseum.org/pics/tbl1001a.jpg http://www.davistownmuseum.org/bioDrew.htm</p>			
31112T21	Soldering iron	DTM	MH3-D3
<p>Wood, iron, copper, steel, aluminum ferrule, 11" long, 1 1/4" wide, unsigned. Courtesy of Liberty Tool Co.</p>			
121600T2	Spiral screwdriver	DTM	MH
<p>Drop-forged malleable iron, bronze, wood, 13" long, signed "Made by F.A. Howard & Sons, Belfast Me USA Pat. Maf. 1892". http://www.davistownmuseum.org/bioHowardF.htm</p>			
111001T25	Spiral screwdriver	DTM	MH
<p>Steel, brass, wood, 12" long, signed "F. A. Howard Belfast Me Allard Pat. Aug 4 1868 24 Nov 1874". http://www.davistownmuseum.org/publications/volume10.html</p>			
111001T27	Spiral screwdriver	DTM	MH
<p>Drop-forged steel, brass, wooden handle, 7 3/4" long, 2 3/4" handle, signed "Stanley Yankee No 4595 Made in USA". This is another classic Stanley tool from the early 20th century. http://www.davistownmuseum.org/bioStanley.htm</p>			
22411T18	Spiral screwdriver	DTM	TT
<p>Drop-forged malleable iron, brass, 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>			
31602T6	Spiral screwdriver	DTM	TT
<p>Drop-forged steel, brass, iron, wood, 12" long, signed "Goodell Pratt". Goodell Pratt Co. was located in Greenfield, MA from 1899-1931 (Nelson 1999, 321). http://www.davistownmuseum.org/bioGoodelpratt.html</p>			
913108T25	Spiral screwdriver	DTM	MH
<p>Drop-forged steel, brass, 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>			

		Status	Location
32708T59	Spiral screwdriver	DTM	MH
<p>Drop-forged steel, brass trim, wood handle, 12 3/8" long, signed "GAY" "PAT. DEC. 17. 1879" and on the other side of the handle "PARSONS" "AUGUSTA" "ME".</p> <p>This patent is held by George E. Gay and John A. Parsons of Augusta, Maine.</p> <p>http://www.davistownmuseum.org/pics/32708t59-3.jpg http://www.davistownmuseum.org/publications/volume10.html</p>			
92112T7	Spiral screwdriver	DTM	TT
<p>Drop-forged steel, brass, wood, 19 1/2" long open, 13 1/4" long shut, 1/4" wide bit, signed "F.A. Howard Pat'd Aug. 4 68".</p> <p>The chuck is seized so the bit is permanently affixed.</p> <p>http://www.davistownmuseum.org/bioHowardF.htm</p>			
111412T12	Spiral screwdriver	DTM	MH
<p>Steel, brass, wooden handle, 12" long, signed "MADE * BY" "F. A. HOWARD & SON" "BELFAST, ME. U.S.A." "Pat'd July 23 95".</p> <p>Patent 543,096 belonged to James W. Jones of Belfast, Maine and was manufactured by F. A. Howard & Son. The patent may be viewed here: http://www.datamp.org/patents/advance.php?inc=1.</p> <p>http://www.davistownmuseum.org/bioHowardF.htm</p>			
92112T8	Spiral screwdriver	DTM	TT
<p>Drop-forged steel, wood (rosewood), 8 1/2" long closed, 12 1/2" long open, 3/16" wide bit, unsigned.</p>			
4512T1	Square nail collection	DTM	TT-46
<p>Iron, wooden display mount, 18 1/2" long, 16" wide, unsigned.</p> <p>This hanging display contains nails ranging from the 18th to 20th centuries. Courtesy of Liberty Tool Co.</p>			
TCR1050	Stamp	DTM	MH
<p>Cast iron, forged steel, 4" long with 5/8" long arrow, signed "WRIGHT & SON Cin.ti. O.".</p> <p>This is a 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>			
101312T30	Stanley no. 89 sliding clapboard gauge	DTM	TT
<p>Cast gray iron, wood (rosewood), japanned finish, 9" long, 1 5/8" wide, 2 3/4" tall, signed "STANLEY RULE & LEVEL CO. NEW BRITAIN CONN. U.S.A.".</p> <p>http://www.davistownmuseum.org/bioStanley.htm</p>			
071704T3	Steam gauge	DTM	MH
<p>Iron, steel, brass, glass, 8 1/4" long case, 6 5/8" long gauge, signed "Crosby Steam Gage and Valve Co. Boston U.S.A. & London, Eng.".</p> <p>"Perhaps the most successful of the pre-1914 [steam] indicators were made in Boston, MA, by Crosby Steam Gage & Valve Company. Their first patent was granted Sept. 2, 1879" (John Walter, 2011, "The Engine Indicator"). They made internal-spring and external-spring Crosby indicators until the 1930s (http://www.archivingindustry.com/Indicator/sourceinfo.htm).</p>			
61512LTC2	Steelyard scales	DA	TT (Pub)
<p>Cast iron, 20" long, unsigned.</p> <p>It is marked with graduations in inches, 1 to 10. Courtesy of Liberty Tool Co.</p>			
72217T2	Strapped wood mallet	DTM	TT
<p>Wood, steel, 9 1/4" long, 5" wide, 3" thick, unsigned.</p>			
30911T3	Tapered reamer	DTM	TT
<p>Tempered alloy steel, 4 1/2" long, 9/16" wide, signed "REIFF & NESTOR CO" "LYKENS, PA U.S.A.".</p> <p>This reamer is used in a brace. The Reiff & Nestor Company began in 1912 and is still in existence today http://www.rntap.com/.</p>			
30911T6	Tapered reamer	DTM	TT
<p>Reformed steel, 15" long, 8" blade, unsigned.</p> <p>This convex-shaped reamer is handmade from a file.</p>			

Davistown Museum Inventory of Tools - Industrial Revolution - Other

Miscellaneous Tools

	Status	Location
<p>42912LTC12 Tire pliers</p> <p>Drop-forged steel, 5 7/8" long, unsigned. Courtesy of Liberty Tool Co.</p>	DA	TT (Pub)
<p>122015LTC1 Tire repair pliers</p> <p>steel, 5 3/4" long, 3 1/8" wide, 1" tall, signed PATENT APPLIED FOR; NATIONAL CUTLERY CO. PIHLA,PA. U.S.A..</p>	DA	TT (Pub)
<p>22311T3 Tool handle</p> <p>Rosewood handle with drop-forged malleable iron or steel bits, signed "FRAY'S. PAT. AUG.7.83." The following 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>	DTM	TT
<p>8516LTC1 Tool handle</p> <p>Cast iron, 5" long, 1" diameter, signed "MADE IN USA".</p>	DA	TT (Pub)
<p>3312T4 Trowel</p> <p>Drop-forged cast steel, iron ferrule, wooden handle, 10" long, 3 5/8" wide blade, signed "I.REED" "CAST STEEL", c. 1880. It is unusual to encounter a mason's trowel made from cast steel. Courtesy of Liberty Tool Co.</p>	DTM	TT
<p>30911T9 Trowel</p> <p>Drop-forged malleable iron, 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>	DTM	TT
<p>30911T10 Trowel</p> <p>Drop-forged steel, steel ferrule, 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 and is probably made from German steel.</p>	DTM	TT
<p>10815T2 Unfinished tool</p> <p>Steel bar stock, 9" long, 1 1/4" wide, 1" thick, unsigned. This crudely fashioned tool appears to have been used as a froe from the hammer marks and thin leading edge.</p>	DTM	TT
<p>102512T14 Unidentified tool</p> <p>Steel, 8" long, 2 1/2" wide, signed "W. GILPIN" "WEDGES MILLS" "WARRENTED". DATM reports a tool made by W. Gilpin Wedge Mills (Nelson 1999, 314). It was a business in England: "Wedges Mill is a hamlet in the south-west corner of the Urban District [of Cannock] dating from the foundation of William Gilpin's edge-tool works in 1790." (http://www.clickityworld.co.uk/cannock/localhistory/tabid/161/Default.aspx). Courtesy of Liberty Tool Co.</p>	DTM	TT
<p>42712LTC4 Veterinary fleam</p> <p>Steel, brass, 3 1/2" long handle, 3" long blades, unsigned. Courtesy of Liberty Tool Co.</p>	DA	TT (Pub)
<p>22512T3 Wagon jack</p> <p>Cast iron and steel, wood, 30" high, 14" by 5" wide base, unsigned. This is a nice complete example of a wagon jack. Courtesy of Liberty Tool Co.</p>	DTM	TT
<p>2713T4 Wagon jack</p> <p>Cast steel, wood (hickory), 28" tall, 18" long handle, 5" x 12" base, unsigned.</p>	DTM	TT
<p>42912LTC15 Washer cutter</p> <p>Drop-forged iron and steel, 4 1/2" long, 3 1/2" wide largest blade, unsigned. Courtesy of Liberty Tool Co.</p>	DA	TT (Pub)

		Status	Location
42912LTC16	Washer cutter	DA	TT (Pub)

Drop-forged iron and steel, 4 1/2" long, 3 1/2" wide largest blade, signed "C.S. OSBORNE & CO NEWARK, N.J." "16".
Courtesy of Liberty Tool Co.

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

70215T1	Wheel weight removal pliers	DTM	TT
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Steel, 11 1/4" long, 1 1/4" wide, 3/16" thick, signed "JOHN BEAN MFG. CO LANSING, MICH.". These pliers are for removing lead wheel weights from cars and trucks.

81212LTC6	Windsor beader	DA	TT (Pub)
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Wood (rosewood), cast bronze, steel cutters, 10 3/4" long, 2" tall, 2" wide, unsigned. This beader is Windsor's 1885 patent with a revolving cutter mechanism. Courtesy of Liberty Tool Company.

42912LTC10	Wire cutters	DA	TT (Pub)
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Nickel-plated drop-forged steel, 6 1/2" long, signed "SARGENT & CO. NEW HAVEN, CONN. MADE IN U.S.A.". Courtesy of Liberty Tool Co.

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

5616T2	Wood clamp	DTM	TT
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Wood, steel, brass, 9" long, 4" wide, 1" thick, signed "704" "HARGRAVE" "THE CINCINNATI TOOL COMPANY U.S.A.".

12613LTC1	Wooden mallet	DA	TT (Pub)
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Wood, 12" long, 6" long head, 3" diameter face, unsigned.

12613T4	Wooden mallet	DTM	TT
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Wood (hickory), 15" long, 6" long head, 2 1/4" and 1 3/4" diameter faces, unsigned.

Other Tools

72816T2	Cement corrugating trowel	LPC	TT
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Steel, brass, wood, 6" wide, 6 1/2" long, 1 1/16" thick, unsigned.

53114T2	Forming tool	DTM	MH
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Cast steel, 6" long, 3" x 3" head, signed.

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

Patternmakers' Tools

71114T9	Beveled-edge trowel	DTM	MH
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Steel, wood, 13" long, 8" blade, 1 13/16" blade, unsigned.

2814LTC1	Clyde Ernest patternmaker's toolchest	DA	TT (Pub)
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Wood, leather, metal, Two part set, 13 1/2" tall, 26 1/4" wide, 8 1/4" deep top; 10" wide, 27" long, 6" deep bottom, signed "C.E." "Clyde Ernest" "GERSTNER".

This patternmaker's tool chest includes a variety of measuring tools (feeler gauges, calipers, rules), planes, chisels, marking tools, boring tools, and other items used for patternmaking. It was owned by Clyde Ernest, who worked as a patternmaker for Ford Motor Company for some time.

42904T4B	Crane necked gouge	DTM	MH
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Cast steel, brass ferrule, wooden handle, 12" long including 5 1/4" handle, 1/12" wide, signed "BUCK BROS" with a buck touchmark.

<http://www.davistownmuseum.org/pics/42904t4b-2.jpg>

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

	Status	Location
<p>42904T4A Crane necked gouge</p> <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.</p> <p>This is also called a bent gouge or offset gouge (Sellens 1990, 197).</p> <p style="text-align: center;">http://www.davistownmuseum.org/pics/42904t4a-2.jpg http://www.davistownmuseum.org/bioBuckBrothers.html</p>	DTM	MH
<p>121600T4 Lifter</p> <p>Drop-forged steel, 11" long, signed "Monk".</p> <p>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, c. 1894, location unknown.</p>	DTM	MH
<p>30202T14 Patternmakers' burnisher</p> <p>Cast brass, 4 3/4" long, 1/2" and 3/8" diameter heads, unsigned.</p> <p>This tool was used by a patternmaker for smoothing the surfaces of sand molds prior to casting.</p> <p style="text-align: center;">http://www.davistownmuseum.org/pics/30202t14.jpg</p>	DTM	MH
<p>913108T35 Patternmakers' drawshave</p> <p>Steel, brass trim, and wooden handle, 5 1/2" wide, 2 3/4" long blade, unsigned.</p>	DTM	MH
<p>91716T2 Patternmakers' forming tool</p> <p>Bronze, steel, wood (beech), 12" long, 2" tall, 1 1/4" wide, unsigned.</p>	DTM	MH
<p>2713T2 Patternmakers' mold</p> <p>Wood, black paint, 12" diameter, 4" tall, unsigned.</p>	DTM	TT
<p>101615T1 Patternmakers' mold</p> <p>Wood (lignum vitae), 5 1/4" long, 2 1/2" tall, unsigned.</p>	DTM	TT
<p>21013LTC1 Patternmakers' mold</p> <p>Cast bronze, 6" diameter, 1 1/2" deep, unsigned.</p>	DA	TT (Pub)
<p>72002T6 Patternmakers' plane</p> <p>Wood, 7" long, signed "J. Johnson", 20th century.</p> <p>DATM (Nelson 1999, 429) lists J. Johnson of New York with a working date of 1870 made wooden planes. A exquisite example of an owner-made and signed special purpose patternmakers' plane. It does not have the blade. It was probably made about 1930; recently purchased from the Johnson family of Braintree, MA.</p>	DTM	MH-I
<p>913108T2 Router</p> <p>Brass, steel blade, wooden knobs, 4" long, 1/4" wide blade, unsigned.</p>	DTM	MH
<p>8213T1 Set of patternmakers' dies for surgical tools</p> <p>Steel, ranging from 2 5/8" x 3/4" x 3/4" to 5" x 1 1/8" x 7/8", signed "HOT WORK", "6" EAR LABORATORY FORCEPS", and various serial numbers.</p> <p>This set of 16 pieces is comprised of dies for hot work patternmaking of tool steel surgical devices. It includes four two-piece molds for forceps, pincers, and shears as well as a number of single side scalpels and probes.</p> <p style="text-align: center;">http://www.davistownmuseum.org/pics/8213T1bw.jpg http://www.davistownmuseum.org/pics/8213T1bw2.jpg</p>	DTM	TT
<p>10910T6 Shrink rule set (9)</p> <p>Tempered alloy steel, 12" long, 1" wide, signed "THE L.S.S. CO. ATHOL, MASS. U.S.A." "No. 377" "TEMPERED No 4" "SHRINK 1-4 TO FOOT", c. 1950.</p> <p>Donated by the Swenson family.</p> <p style="text-align: center;">http://www.davistownmuseum.org/pics/10910t6web3.jpg http://www.davistownmuseum.org/bioStarrett.htm</p>	DTM	MH
<p>31811T24 Unidentified tool</p> <p>Lignum vitae, 9" long, 1 1/2" wide, 3/8" high, unsigned.</p> <p>This tool came from a patternmaker's shop. The curved side with a dovetail cutout is a possible holding fixture.</p>	DTM	TT

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 MH

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 MH

Steel, 4 5/8" long, signed "H A Cobbett" by the owner.

These are distinctively stylized lady leg calipers with a silhouetted head. Possibly they are owner-made, probably from tempered alloy steel. They are an excellent example of an American folk art tradition: American patternmakers' lady legs caliper.

40501T1 Patternmakers' gouge DTM MH

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

42801T3 Patternmakers' tools (4) DTM MH

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 MH

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>

Quarrying Tools

31112T17 Brick chisel DTM MH3-D2

Drop-forged steel, 6 7/8" long, 2 7/8" wide cutting edge, signed "C. DREW & CO.".

Courtesy of Liberty Tool Co.

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

072112T4 Cold chisel DTM TT

Steel, 5 1/4" long, 1" wide, 3/4" cutting edge, signed "PINEL TOOL CO, QUINCY MASS".

"The Pinel Tool Company, 242 Water street, Quincy Adams [MA], is composed of Alfred Pinel and his son Alfred P. J. Mr. Pinel, Sr." (<http://thomascranelibrary.org/legacy/history/hisch5.htm>). It was established in 1908 as a successor to Pinel Brothers.

TCU1006 Facing tool DTM MH

Cast iron and forged steel, 6" long, 3/4" wide blades, unsigned.

The 4 inserted blades are held by a nut and bolt. The distinctly knurled handle suggests this quarry tool probably dates after the Civil War.

032103T5 Miners' pick (?) DTM MH

Forged iron, 13" long, 3" handle socket, signed "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 early 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>

101312T29 Rock hammer DTM TT

Drop-forged steel, compressed leather discs, 12 3/4" long, 7" wide head, signed "ESTWING ROCKFORD ILL. MADE IN U.S.A.".

Estwing of Rockford, IL, has been making hammers since 1923 (http://www.estwing.com/about_us.php).

Davistown Museum Inventory of Tools - Industrial Revolution - Other

Quarrying Tools

		Status	Location
31112T4	Stone chisel	DTM	TT
Drop-forged iron or steel, 6 1/2" long, 3/4" wide, signed "VAUGHAN & BUSHNELL MFG Co." "AL-O-ITE". This company made various hand tools in Chicago and Hebron, IL, from 1873 to 1994. Courtesy of Liberty Tool Co.			
52603T20	Stone chisel	DTM	MH
Drop-forged steel, 7 3/4" long, signed "AMIESON".			
12801T11	Stone chisel	DTM	MH
Drop-forged iron with a 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			
31112T6	Stone cutter or splitter	DTM	MH3-D2
Drop-forged steel, 6 1/4" long, 3/8" wide cutting edge, signed "C. DREW & CO.". Courtesy of Liberty Tool Co. http://www.davistownmuseum.org/bioDrew.htm			
31112T5	Stone cutter or splitter	DTM	MH3-D2
Drop-forged steel, 7 1/4" long, 1/2" wide cutting edge, signed "C. DREW & CO.". Drew is not well known as a producer of stone-working tools. These are probably from around 1950 when Drew expanded into modern style tools such as cat's paws. Courtesy of Liberty Tool Co. http://www.davistownmuseum.org/bioDrew.htm			
31112T7	Stone cutters' splitting chisel	DTM	MH3-D2
Drop-forged steel, 5 3/4" long, 1/4" wide cutting edge, signed "C. DREW & CO.". Courtesy of Liberty Tool Co. http://www.davistownmuseum.org/bioDrew.htm			
Shipwrights', Sailmakers', and Mariners' Tools			
91612T3	Belaying pin	DTM	MH
turned copper, 10 3/8" long, 9/16" diameter, unsigned. These pins originally belonged to Joseph A. Pigeon (1908 - 1997). Pigeon was a US Navy Chief Carpenter's Mate and a veteran of World War II. At some point, he did work on the USS Constitution, and owned a boat shop at 58 High Street in Charlestown, MA, later moving to 38 Cottage St., Taunton, MA.			
91612T2	Belaying pin	DTM	MH
Turned brass, 10 3/8" long, 5/8" diameter, unsigned. These pins originally belonged to Joseph A. Pigeon (1908 - 1997). Pigeon was a US Navy Chief Carpenter's Mate and a veteran of World War II. At some point, he did work on the USS Constitution, and owned a boat shop at 58 High Street in Charlestown, MA, later moving to 38 Cottage St., Taunton, MA.			
91612T1	Belaying pin	DTM	MH
Cast brass, 10 5/8" long, 9/16" diameter, unsigned. These pins originally belonged to Joseph A. Pigeon (1908 - 1997). Pigeon was a US Navy Chief Carpenter's Mate and a veteran of World War II. At some point, he did work on the USS Constitution, and owned a boat shop at 58 High Street in Charlestown, MA, later moving to 38 Cottage St., Taunton, MA.			
9912T2	Belaying pin set	DTM	TT (Pub)
Wood (lignum vitae, teak, beech), turned copper, turned brass, cast brass, nickel-plated cast iron, Ranging from 10 3/8" long and 9/16" diameter to 19 1/2" long and 1 1/8" diameter, unsigned. This set of 13 pins includes a cast brass, a turned brass, a nickel-plated cast iron, and three turned copper pins, as well as seven pins made of assorted woods. These pins originally belonged to Joseph A. Pigeon (1908 - 1997). Pigeon was a US Navy Chief Carpenter's Mate and a veteran of World War II. At some point, he did work on the USS Constitution, and owned a boat shop at 58 High Street in Charlestown, MA, later moving to 38 Cottage St., Taunton, MA.			

71114T1	Bodkin	LPC	MH
Steel, brass, leather washers, 3 5/8" long, 1" diameter, unsigned.			
TCX1005	Caulking iron	DTM	MH
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 continued 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			
22813LTC3	Caulking irons	DA	TT (Pub)
Cast steel, Bent one is 8" long, 1/2" wide, other two are 6" long, 2" and 2 1/4" wide, signed "T LAUGHLIN & Co PORTLAND, ME". This set includes a caulking iron, a butt iron, and a curved spike iron.			
102800M9	Compass (mariners)	DTM	MHC-K
Malleable iron or steel, 3" long, signed by owner "W.F. Blake".			
http://www.davistownmuseum.org/bioKnoxEngine.htm			
31112T2	Fid	DTM	TT-D27
Tropical hardwood, 11 1/2" long, 2" wide, unsigned. Fids are used by mariners and others to separate strands of rope when splicing. See marlin spike. Courtesy of Liberty Tool Co.			
91612T5	Keeper pin	DTM	MH
Wood (teak), 11" long, 1 1/2" diameter, unsigned.			
91612T4	Keeper pin	DTM	MH
Cast brass, 12" long, 1 1/4" diameter, unsigned.			
9912T3	Keeper pin set	DTM	TT (Pub)
Cast brass, wood (maple, redwood), Ranging from 11" long and 1 1/2" diameter to 14 1/8" long and 1 1/2" diameter, unsigned. This set includes one cast brass, one redwood, and two maple keeper pins. These pins originally belonged to Joseph A. Pigeon (1908 - 1997). Pigeon was a US Navy Chief Carpenter's Mate and a veteran of World War II. At some point, he did work on the USS Constitution, and owned a boat shop at 58 High Street in Charlestown, MA, later moving to 38 Cottage St., Taunton, MA.			
62406T4	Lipped adz	DTM	MH
Drop-forged 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. This is 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			
http://www.davistownmuseum.org/bioCollins.html			
21812T20	Lipped adz	DTM	TT
Drop-forged cast steel, hardwood handle (oak?), 33 3/4" long, 11" long head, 5" edge, signed "COLLINS & CO HARTFORD CAST STEEL WARRANTED MADE IN USA" with hand holding hammer logo. This is probably a post-Civil War adz. There is some evidence of additional forging on the cutting edge. It was formerly in the collection of George DuPrey and was donated to the Tools Teach program.			
http://www.davistownmuseum.org/bio#bioCollins.html			
21812LTC1	Lipped adz	DA	TT (Pub)
Cast steel, hardwood handle (oak?), 33 3/4" long, 11" long head, 5 1/4" edge, signed "GUARANTEED PLUMB" (inside a square). It has a wooden sheath for protecting the edge. This adz was formerly in the collection of George DuPrey.			
71312T2	Marlin spike	DTM	TT
Drop-forged steel, brass, wood (tiger maple), 13 1/2" long, 8" long blade, unsigned.			

30911T7	Marlin spike	DTM	TT
Drop-forged malleable iron or steel, 12" long, 1" wide, unsigned.			
30311T2	Marlin spike	DTM	TT
Drop-forged malleable iron or steel, 15 1/2" long, 1" wide, unsigned. It is used to splice wire rope. See fid.			
091909T3	Mast shave	DTM	MH
Forge-welded iron and steel, wood, 20 1/4" long, 5 1/2" wide, signed "J.GREEN". It is made by a currently unidentified maker. http://www.davistownmuseum.org/pics/091909t3web2.jpg http://www.davistownmuseum.org/pics/091909t3web1.jpg			
2713T5	Ship block or pulley	DTM	TT
Rope, forged iron, wood (beech, boxwood), 28" long, 13" wide, 9" thick, unsigned.			
22211T18	Ships' bevel rule	DTM	TT
Brass and hardwood, 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.			
22211T17	Ships' bevel rule	DTM	TT
Brass and boxwood, 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.			
91312LTC1	Shipwrights' slick	DA	TT (Pub)
Cast steel, hardwood handle, 25" long, 3" wide cutting edge, signed "WATERHOUSE" "CAST STEEL" and owner's mark "WM". The ferrule is missing from this slick. Courtesy of Liberty Tool Co.			
31808SLP1	Slick	DTM	TT
Drop-forged iron and steel, wooden (maple) handle, 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	MH
Drop-forged iron and weld 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.". <p>This slick has a clearly defined steel-iron interface on the bottom. DATM 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 (1877 - 1951). James Swan is the famous Seymour, CT edge toolmaker who came to the US from Scotland in 1854. He changed the business name to Swan sometime after 1877 but was still marking tools Douglass Mfg. Co. as late as 1894 (Nelson 1999, 236, 770). This is an excellent example of a fine shipwrights' slick, probably made around 1880.</p> http://www.davistownmuseum.org/bioSwan.html			

Unidentified Tools

81801T15	Unidentified tool	DTM	MH
Steel with wood handle and metal ferrule, 3/4" diameter blade, signed "Patented 12-5-09". This small hand tool has a loop attached to a blade and a modern style handle. What was its use?			
31811T23	Unidentified tool	DTM	TT
Lignum vitae, 14 3/8" long, 2" wide, 1/2" high, unsigned.			
81801T14	Unidentified tool	DTM	MH
Drop-forged iron with wood handle and brass ferrule, 12 3/4" long, 7 1/2" pistol grip, 9/16" wide, signed "PAT Feb 6 1877". It has an unknown use, but resembles a curling iron with a wider, flatter iron.			

913108T38 **Unidentified tool**

Status Location
DTM MH

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?

Watchmakers, Jewelers, and Silversmiths' Tools

22512T9 **Dapping block**

DTM TT

Cast steel, 2" by 2", unsigned.

This steel block has various diameter half spheres cast in it and was used by a jeweler for shaping purposes. Courtesy of Liberty Tool Co.

32502T36 **Divider legs (2)**

BDTM T

Drop-forged malleable iron, 6 3/4" long on 1/16" diameter iron bar stock, unsigned.

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

32502T16 **Gouge**

BDTM T

Cast steel with cellulite handle, 2" long, 5/16" wide gouge, and 3" long handle, unsigned.

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

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.

31311T1 **Hammer head**

DTM TT

Cast steel, 4 1/2" long, 1/2" wide, unsigned.

This is known as a staking, watchmakers, or jewelers hammer.

31011T8 **Hammer head**

DTM TT

Cast steel, 3 1/2" long, 3/8" diameter round head with curved claw, unsigned.

32502T19 **Hold down screws (2)**

BDTM T

Brass with beech handle, 3 1/4" long handle, unsigned.

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

72415T1 **Horologist's roller and hand remover**

LPC TT

Steel, wood, 4 5/8" long, 2" head, 5/8" diameter handle, signed "K & D PAT. OCT. 11, 1904".

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

DTM MH

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 jeweler industries in Providence, RI and Attleboro, MA.

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

DTM MH

Cast steel, from 2 to 2 3/4" square and 3 to 3 3/8" high, signed (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>

22211T24 **Jewelers' fret saw**

DTM TT

German steel, steel blade, 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 T

Drop-forged German (?) steel, 2 7/8" x 7/16" diameter face with a 3/8" wide cross peen, signed "France".

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

71401T8 **Jewelers' saw**

DTM MH

Steel, brass, and rosewood, 8" long, 4" handle, signed "M F Millers Falls Mass USA".

This is 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>

22311T10	Mallet	DTM TT
Horn and wood, 10" long, 4" head, unsigned. It is handmade. Part of the Robert Sullivan Collection donation.		
32502T48	Pliers-type tools (4)	BDTM T
Drop-forged German (?) 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		
32912T3	Screw threader	DTM TT-48
Cast steel, 6 1/4" long, signed "BLECKMANN". This would be used by a jeweler, gunsmith, or clock-maker. DATM (Nelson 1999, 24) lists this signature as having been found on bits, braces, drawknives, knives, and vices but has no information on the location or dates of this maker. Courtesy of Liberty Tool Co.		
2713T1	Silversmiths' hammer	DTM TT
Cast steel, 3 1/2" long, 5/8" peen, 1/2" face, signed "HAMMOND PHILA 0".		
TKD1302	Silversmiths' doming hammer	DTM MH
Drop-forged steel (?), 4 1/4" long with a 1" diameter face, signed "24" with an obscure touchmark on the reverse side, c. 1880-1910. This is 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		
32413T1	Silversmiths' forming tool	DTM MH
Cast steel, 18" long, 7/8" diameter, unsigned.		
121412T8	Silversmiths' hammer	DTM TT
Drop-forged steel, wood (hickory), 11" long, 4 1/2" long head, 1 1/4" wide faces, signed "nan mccurrach" owner's mark in script engraved into the wooden handle.		
121412T9	Silversmiths' hammer	DTM TT
Forged steel, wood (hickory), 11 7/8" long, 10 3/4" long head, 1/2" wide faces, signed "nan mccurrach" owner's mark in script engraved into the wooden handle.		
121412T7	Silversmiths' hammer	DTM TT
Drop-forged steel, wood (hickory), 11 3/4" long, 4 3/4" long head, 1 3/8" wide faces, signed "nan mccurrach" owner's mark in script engraved into the wooden handle.		
121412T6	Silversmiths' hammer	DTM TT
Drop-forged steel, wood (hickory), 12 1/4" long, 4 3/4" long head, 1 1/4" wide faces, signed "nan mccurrach" owner's mark in script engraved into the wooden handle.		
121412T10	Silversmiths' hammer	DTM TT
Drop-forged steel, wood (hickory), 12 1/2" long, 6" long head, 1 1/4" wide faces, signed "EXCELSALL GENUINE HICKORY SALEM INDIANA U.S.A. 13" MACHINIST HAMMER HANDLE FOR 8-12 Oz. Hammer Code 413-04 PAT. No. E106-13". The O.P. Link Handle Co. of Salem, Indiana made this handle.		
123012T3	Silversmiths' hammer head	DTM TT
Cast steel, 4 1/2" long, 3/4" wide, 3/4" face, signed "WARNER & NOBLE CAST STEEL". This company was a hammer-making partnership of William M. Noble and Marvin R. Warner of Middletown, CT, 1877 to 1884. See this website for information on earlier and later partners (http://www.angelfire.com/wy/mttools/warnernoble.htm).		
41302T12	Thread gauge	DTM MH
Drop-forged German steel, 2 7/8" long, signed "GARANTIE" and "MARTIN FILS Made in Switzerland SWISS MADE". This is a miniature jewelers' tool.		
32502T32	Tweezers	BDTM T
Drop-forged tempered alloy steel, 5 7/8" long, signed "L Silverman Germany", c. 1920. They are double ended. http://www.davistownmuseum.org/bioEpstein.htm		

32502T33 Wire cutter

DTM TT

Drop-forged tempered alloy steel, 4 3/16" long, signed with an obscure mark, c. 1920.

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

Woodworking: Axes and Hatchets

7409T1 Ax

DTM MH

Drop-forged steel, wooden handle, 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 facility was constructed.

<http://www.davistownmuseum.org/pics/7409t1.jpg>

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

111412T13 Ax

DTM MH

Forged steel, wood (hickory) handle, 13" long, 5 1/2" wide, signed "COLLINS AXE" "LEWISTOWN, PENN." on a label on the ax head.

This ax has been added to the museum collection to illustrate the dramatic decline in the metallurgical quality of the "Collins Axe". In 1966, Mann Edge Tool of Lewistown, PA bought the Collins Company and continued to use the Collins Axe branding. For more history see: <http://woodtrekker.blogspot.com/2010/12/brief-history-of-collins-axe-company.html>.

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

52603T24 Ax

DTM MH

Steel and iron, 7 2/16" long, unsigned.

102612T16 Ax head castings (4)

LPC MH

Cast steel, wood, 4 " long, 3" wide to 7" long, 3 3/4" wide, unsigned.

This is a set of four unfinished ax head castings from the Peavey Mfg. factory in Bangor, ME, that burned down. They were evidently in-production when the factory burned, so they're not yet drop-forged to completion, just vaguely ax-shaped cast steel blanks that give a rare look into the manufacturing process. This four piece group shows a progression in size. Previously, they were owned by Ed Shaw.

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

52907T3 Broad ax

DTM MH

Drop-forged 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.

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

81713T11 Broad ax head

DTM TT

Steel, 7 1/8" edge, 6" long, 1" wide, signed "OUR BEST HAND MADE AXE SNOW & NEALLEY BANGOR, MAINE U.S.A.".

050112T1 Cambodian hatchet

DTM TT

Drop-forged cast steel, 5 1/2" long, 3 5/16" wide cutting edge, unsigned.

It is made from one piece of cast steel with surface filing throughout. The cutting edge is heavily filed. This tool was purchased by Brett Ciccotelli at the Krakor, Cambodia, village tool market in the winter of 2012 and represents state of the art edge tool manufacturing capabilities of a third world country in 2010-12. The tool is nicely made and looks like it would hold a good edge.

12813T2 Double bit ax

DTM TT

Cast steel, wood (hickory), 32" long, 29" long handle, 9 3/4" long head, 5" wide edges, signed "32 PLUMB".

Fayette R. Plumb worked from 1887 to 1964 in Philadelphia, PA making axes and many other types of edge tools.

52707T1 Double-bitted ax

DTM MH

Forge-welded iron and steel, wooden handle, 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".

This is a nice quality, late 19th century example of a heavy duty, double-bitted, felling ax with ground and filed steels edges.

- 10407T6 **Double-bitted ax** DTM MH
 Drop-forged steel, wooden handle, 7 1/2" long, 3" wide blades, unsigned.
 This is an interesting ax made in one of America's hundreds of small ax factories in the late 19th century.
- 091909T2 **Felling ax** DTM MH
 Forge-welded iron and cast steel, wooden handle, 32" long, 6 1/4" wide, 4" cutting edge, signed "DOUGLAS AXE MFG Co.", "CAST STEEL WARRANTED", and "MFD BY W. HUNT".
 Warren Hunt first worked with his father at Oliver Hunt & Co, 1815-1830, then at Warren Hunt & Co., 1831 - 1836 before becoming a partner in the Douglas Axe Mfg. Co., 1836-1897 (Nelson 1999, 235, 410).
<http://www.davistownmuseum.org/pics/091909t2web2.jpg>
<http://www.davistownmuseum.org/pics/091909t2web1.jpg>
- 31908T27 **Hatchet** DTM MH
 Drop-forged 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. No location or dates are listed in DATM (Nelson 1999, 660).
- 041505T26 **Hatchet** DTM MH
 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. It is an excellent example of a modern all-steel edge tool made just before the rapid decline of the quality of their tools occurred after they were purchased by other owners in 1957.
<http://www.davistownmuseum.org/pics/041505t26.jpg>
<http://www.davistownmuseum.org/bioCollins.html>
- 61204T16 **Hatchet** DTM MH
 Drop-forged 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 (2000) author of "The Who, What, Where and When of Ohio Toolmakers and Their Tools" 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>
- 31311T3 **Hatchet** DTM TT
 Drop-forged iron and 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.
- 22512T7 **Hatchet** DTM TT
 Drop-forged iron and cast steel, 13" long, 4 1/2" wide head, signed "UNDERHILL EDGE TOOL Co" "WARRENTED CAST STEEL".
 Courtesy of Liberty Tool Co.
<http://www.davistownmuseum.org/bio#bioUnderhill.html>
- 3091112 **Hatchet** DTM TT
 Drop-forged steel, wooden handle, 12" long handle, 5 1/4" long, 2 1/4" wide, 1" thick blade, unsigned.
 This hatchet was used in a trade, perhaps by a plasterer.
- 32708T61 **Hatchet head** DTM MH
 Hand-forged steel, 3 1/2" long, 2 1/4" wide, unsigned.
 This is an example of a carefully forged edge tool.
<http://www.davistownmuseum.org/pics/32708t61.jpg>
- 101511T1 **Hatchet mold** DTM TT
 Drop-forged steel, 6.5" long, 3 3/4" long blade, unsigned.
 This incompletely drop-forged untrimmed hatched is still within its mold. Its casting pattern clearly indicates the drop-forging process prior to the steeling of its edge by quenching and tempering. This is from the Ed Shaw collection of Peavey edge tools.

4105T5	Hatchet or belt ax	DTM	MH
<p>Drop-forged cast steel (?), wooden handle, 12 1/2" long including an 11" long handle, 2 1/4" wide cutting edge, signed "L. A. SAYRE & Co. Newark".</p> <p>This mark does not appear frequently in New England but DATM (Nelson 1999) records Sayre as working from around 1884 into the early 20th century making a wide variety of hand tools.</p> <p>http://www.davistownmuseum.org/pics/4105t5.jpg</p>			
12900T7	Hewing ax	DTM	MH
<p>Drop-forged German steel, 11 5/8" long, 7 1/2" wide blade, signed with an obscured foreign maker's sign and touchmark, c. 1900 - 1910.</p> <p>This is 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</p> <p>http://www.davistownmuseum.org/bioLynch.htm</p>			
32313T3	Hewing ax	DTM	MH
<p>Forged steel, wood (oak), 25" long, 11" long head, 6" cutting edge, signed "H.N. DEAN CAST-STEEL".</p> <p>H.N. Dean worked in New Bedford, Connecticut, circa 1870-1871.</p>			
32114T2	Hewing ax	DA	TT (Pub)
<p>Forge-welded steel, unsigned.</p>			
31212T5	Lathing hatchet	DTM	TT
<p>Drop-forged steel, hickory handle, 12 1/4" long, 6 1/2" long and 2 1/2" wide head, signed "STANLEY".</p> <p>This is a Stanley No. 1 hatchet, marketed as a "half hatchet with nail puller." Courtesy of Liberty Tool Co.</p> <p>http://www.davistownmuseum.org/bioStanley.htm</p>			
31311T8	Packing hatchet	DTM	TT
<p>Drop-forged malleable iron and steel, 11" long, 5" x 3" head, signed "F".</p> <p>This hatchet is used to assemble wood boxes or crates.</p>			
32114T16	Partisan ax	DA	TT (Pub)
<p>Forged steel, 5 5/8" long, 3" wide, unsigned.</p> <p>Courtesy of Edwin Creaser.</p>			
5616LTC2	Roofing hatchet	DA	TT (Pub)
<p>Steel, wood (hickory), 12 5/8" long, 6 1/2" head, 1 3/16" face, signed "MILLERS FALLS MADE IN U.S.A.".</p>			
32114T4	Round eye Spanish pattern single bit ax	DA	TT (Pub)
<p>Forged steel, 6 1/4" long, 3 3/4" edge, unsigned.</p> <p>Courtesy of Edwin Creaser.</p>			
122013T1	Shingling hatchet	LPC	TT
<p>Cast steel, wood (beech), 3" edge, 5 1/4" long head, 10" long overall, signed "J. _____ S CAST STEEL WARRANTED".</p> <p>This shingling hatchet has an obscured maker's mark.</p>			
30311T4	Shingling hatchet	DTM	TT
<p>Drop-forged malleable iron and steel, 7" long, 2 1/2" wide blade, unsigned.</p>			
32114T15	Single bit ax	DA	TT (Pub)
<p>Drop-forged steel, 7" long, 4" edge, unsigned.</p> <p>Courtesy of Edwin Creaser.</p>			
32114T8	Single bit ax	DA	TT (Pub)
<p>Forged steel, 6" long, 4" edge, unsigned.</p> <p>Courtesy of Edwin Creaser</p>			

Davistown Museum Inventory of Tools - Industrial Revolution - Other

Woodworking: Axes and Hatchets

32114T6	Single bit ax	DA	TT (Pub)
<p>Forged steel, 5 5/8" long, 3 3/4" edge, unsigned. Courtesy of Edwin Creaser.</p>			
32114T12	Single bit ax	DA	TT (Pub)
<p>Drop-forged steel, 7 1/4" long, 3 1/4" edge, signed "1250 DOOP". Courtesy of Edwin Creaser.</p>			
42012T1	Single bit hewing ax	DTM	TT
<p>Forged iron and steel, wooden handle, 34 1/4" long handle, 6 1/2" long, 1 1/2" wide, and 3 3/4" tall head, unsigned. This ax has a clearly forge-welded cutting edge and steel pole. It shows a lot of blistering.</p>			
32114T5	Spanish pattern single bit ax	DA	TT (Pub)
<p>Forged steel, 6 1/4" long, 5" edge, signed "130". Courtesy of Edwin Creaser.</p>			
32114T13	Spiked ax	DA	TT (Pub)
<p>Forged steel, 8 1/2" long, 3 1/4" edge, unsigned. Courtesy of Edwin Creaser.</p>			
32114T18	Spiked trade ax	DA	TT (Pub)
<p>Forged steel, 7" long, 1 3/8" edge, unsigned. Courtesy of Edwin Creaser.</p>			
62207T4	Splitting ax	DTM	MH
<p>Drop-forged iron and steel, 6 13/16" long, 3 3/4" wide blade, unsigned.</p>			

Woodworking: Axes and Hatchets Made in Maine

121600T1	Ax	DTM	MH
<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." It is 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	MH
<p>Forged iron and 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>			
91115T1	Double bit ax	LPC	MH
<p>Steel, wood, 4" edges, 9 1/2" wide head, 35 3/4" long, signed "SNOW & NEALLEY CO BANGOR MAINE".</p>			
062207T3	Double-bitted ax	DTM	MH
<p>Drop-forged iron and 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>			
43006T9	Lathing hatchet	DTM	MH
<p>Drop-forged steel, wooden handle, 13" long, 2 1/4" wide blade, 1" diameter poll, signed "C. A. Williams & Co.". C. A. Williams worked in Skowhegan, Maine, c. 1860 - 1870. This is the second Williams tool to enter the museum collection. http://www.davistownmuseum.org/pics/43006t9_p2.jpg http://www.davistownmuseum.org/publications/volume10.html</p>			

6112T2 Maine pattern single bit ax DTM TT
 Drop-forged iron and steel, hickory wood handle, 30" long, 9 1/4" wide head, 4" long cutting edges, signed "E & S" "3 1/2". This ax was made by Emerson & Stevens of Oakland Maine in 1941. Courtesy of Liberty Tool Co.

12801T12 Offset hewing ax DTM MH
 Forged iron and 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. For comments on John King and the John King Ax Co. see the Registry of Maine Toolmakers (Brack 2008). This ax was located by Dana Phillippi of Liberty, Maine at a Burnham auction, October, 2001.
http://www.davistownmuseum.org/pics/12801t12_p1.jpg
<http://www.davistownmuseum.org/publications/volume10.html>

6112T1 Ship carpenters' broad ax LPC MH
 Forge-welded iron and steel, hickory wood handle, 30" long, 9" long head, 7" long cutting edge, signed "LIBBY & BOLTON". Libby & Bolton worked in Portland, ME, from 1857 to 1886. Courtesy of Liberty Tool Co.

Woodworking: Boring Tools

31811T19 Adjustable drill bit DTM TT
 Drop-forged alloy 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.

101312T23 Adjustable hollow auger bit DTM TT
 Malleable cast iron, steel, 6" tall, 5" x 3 1/4" base, signed "E.C. STEARNS & COL. SYRACUSE, N.Y.". This company operated from 1877 to 1941.

52712LTC1 Adjustable hollow auger or spoke pointer DA TT (Pub)
 Cast iron, steel, 7" long, 6" wide, 2 1/8" high, 1" cutting edge, signed "The A.A. Wood & Sons Co. Cuts 1/4 to 1 1/4". The Albert A. Wood & Sons Co. was in Atlanta, Georgia in 1896. They were patent attorneys and their augers, grinders, and shaves may have been produced by March Machinery Co. or Atlanta Machinery Co. (Nelson 1999, 875). Courtesy of Liberty Tool Co.

22311T7 Archimedean drill DTM TT
 Tempered alloy 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". The drill has a slot type screwdriver bit. The patent is online at: <http://www.google.com/patents/about?id=JRBhAAAEBAJ&dq=goodell+nov+17+1891>. Part of the Robert Sullivan Collection donation.

5212LTC4 Archimedean drill DA TT (Pub)
 Tempered alloy steel, 10 3/4" long, signed "PAT APP. FOR G.M. MFG. Co. INC. N.Y. CITY N.Y.". Courtesy of Liberty Tool Co.

5512LTC4 Archimedes twist drill DA TT (Pub)
 Steel, 10 3/4" long, signed "PAT APP. FOR G.M. MFG. Co. INC. N.Y. CITY N.Y.".

914108T7 Auger DTM MH
 Steel, 7 1/2" long, signed "J. T. PUGH" and "PHILA PA". Job. T. Pugh worked in Philadelphia, PA, from 1876-1891 making flour testers, augers, bits, and other tools.

914108T3 Auger bit DTM MH
 Steel, 10" long, 7/8" diameter cutting size, signed with a partially obscured signature "PETEROR". Information on this maker's mark is welcomed.

9514T15 Bow drill LPC TT
 Hardwood, steel, 22 1/4" bow, 19" drill, 5/16" wide bit, unsigned. This contemporary bow drill was made in Egypt.

	Status	Location
40408DTM11 Box of six ship auger drill bits	DTM	MH
<p>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</p>		
40408DTM6 Box of six ship auger drill bits	DTM	MH
<p>Drop-forged 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</p>		
101909T3 Box of six ship auger drill bits	DTM	MH
<p>Tempered alloy steel, 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</p>		
40408DTM10 Box of six ship auger drill bits	DTM	MH
<p>Tempered alloy steel, 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</p>		
40408DTM7 Box of six ship auger drill bits	DTM	MH
<p>Drop-forged 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</p>		
40408DTM8 Box of six ship auger drill bits	DTM	MH
<p>Tempered alloy 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." These bits were manufactured during the last decade of the Swan Company production, probably just before or during WWII. This lot was part of a stash located by the Liberty Tool Co. in a Boston hardware store. Most of the James Swan tools in the museum collection were obtained from this lot. http://www.davistownmuseum.org/pics/40408dtm8p1.jpg http://www.davistownmuseum.org/bioSwan.html</p>		
40408DTM9 Box of six ship auger drill bits	DTM	MH
<p>Drop-forged 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</p>		
101909T2 Box of ten ship auger drill bits	DTM	MH
<p>Drop-forged 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</p>		

		Status	Location
41203T3E	Center bit	DTM	MH
Steel, signed "Walter & Co. Cast Steel". This company is not listed in DATM (Nelson 1999); it is probably a Sheffield, England, manufacturer.			
41203T3C	Center bit	DTM	MH
steel, signed "Bagshaw & Field". DATM (Nelson 1999, 47) lists this company's working dates from 1881 - 1931 in Philadelphia, PA. Walter Bragshaw was working in Philadelphia as early as 1866.			
41203T3F	Center bit	DTM	MH
Steel, signed "Stortz & Son". DATM (Nelson 1999) lists this company's working dates from 1853 - 1972 in Philadelphia, PA.			
41203T3D	Center bit	DTM	MH
Steel, signed "Thiele & Quack". DATM (Nelson 1999, 782) lists this company as making bits and dies with no location or date.			
41203T3B	Center bit	DTM	MH
Steel, signed "H. Boker". DATM (Nelson 1999, 98) lists this company's working dates from 1837 - 1969, no location given. Most Boker tools were imported from Germany.			
3312T6	Center bit	DTM	TT
Steel, 5 1/4" long, 1 1/2" wide, signed "EARNSHAW BRO SHEFFIELD". This is an English company. Courtesy of Liberty Tool Co.			
32313LTC6	Continuous motion two-speed ratcheting breast drill	DTM	TT
Cast iron, steel, wood (rosewood), 17 1/4" long, 7" tall, 12 1/4" wide, signed "MILLERS FALLS CO. NO 97 MILLERS FALLS MASS. PAT. AUG.***1911 PAT AUG 6 1912". http://www.davistownmuseum.org/bioMillersFalls.htm			
93012LTC1	Corner bit brace	DA	TT (Pub)
Cast iron, nickel plated finish, wood (cocobolo), 20 1/4" x 12", signed "MILLERS FALLS CO. MILLERS FALLS MASS. MADE IN USA NO 502". http://www.davistownmuseum.org/bioMillersFalls.htm			
81212LTC8	Corner bit brace	DA	TT(pub)
Nickel-plated steel frame with wood (cocobolo) handles, 10" long, 7 1/4" long head, 2 1/2" diameter rear handle, signed "STANLEY NO. 984". Courtesy of Liberty Tool Company. http://www.davistownmuseum.org/bioStanley.htm			
31701T2	Countersink	DTM	MH
Drop-forged steel, 4 1/4" long, 5/8" cutter at a 45° angle, signed "_B WHEELER PATD APR 12 1870". DATM (Nelson 1999, 864) 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.)			
32405T1	Countersink	DTM	MH
Drop-forged steel, 5 5/8" long, 3/4" wide, signed "PATENDED" "JAN 23, 1877." "D.J. ADAMS" "KITTERY, ME." and "R.L. MARKS". The Directory of American Machinery and Tool Patents lists this as patent number 186,513 for an improvement for countersinks and also shows the patent diagram at: http://www.datamp.org/displayPatent.php?number=186513&type=UT . It is unknown who manufactured the countersink. R.L. Marks was probably an owner. A countersink is a tool used to make a hole with the top part enlarged so the head of a screw or bolt will lie flush with or below the surface.			
914108T9	Countersink	DTM	MH
Drop-forged 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.			

Davistown Museum Inventory of Tools - Industrial Revolution - Other Woodworking: Boring Tools

		Status	Location
52214T1	Countersink auger bit	DTM	MH
Cast steel, 5 1/2" long, 3/4" wide, signed "D.J. ADAMS KITTEERY ME PATENTED JAN.20.1877". This countersink bit was patented by Dummer Adams of Kittery, Maine.			
31611T1	Countersink bit	DTM	TT
Drop-forged cast steel, 4 3/4" long, 1/2" countersink, signed "C. STEEL". This bit is made for use with a brace.			
8912T8	Diamond center gimlet bit	DTM	TT
Cast steel, 3 7/8" long, 5/8" wide, signed "S" in a diamond.			
31908T38	Double twist auger bit	DTM	MH
Drop-forged 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			
62212LTC1	Doweling bit	DA	TT (Pub)
Cast steel, 5 1/2" long, 3/4" diameter, signed "RUSSELL JENNINGS". The Russell Jennings Mfg. Co. was located in Deep River, CT from 1853 to 1944 and Chester, CT from 1865 to 1890. The company was sold to Stanley in 1944 and they continued to use the name until 1960 (Nelson 1999, 426). Courtesy of the Liberty Tool Co.			
040103T14	Expansion bit	DTM	MH
Drop-forged steel, 9 1/4" long, signed "DAVIS THE HARDWARE MAN". Who is Davis the hardware man?			
21812T2	Expansion bit	DTM	TT
Drop-forged steel, 7 1/4" long, 1/2" diameter bit and 7/8" diameter bit, signed "GENUINE" "MUR MAC" "W. A. CLARK". William A. Clark patented an expansive bit on May 11, 1858 (Nelson 1999, 171). He patented an improvement in 1873. See ID# 021812T1 for a version of his bit patent that was manufactured by R. H. Brown & Co.			
021812T1	Expansion bit	DTM	TT
Drop-forged steel, 10 1/2" long, 1/2" diameter, signed "THE CLARK BROWN MODEL" "MADE BY R.H. BROWN & CO". William A. Clark patented an expansion bit on May 11, 1858 (Nelson 1999, 171). Reuben H. Brown bought the patent and manufactured it. The 1873 patent is one of Clark's improvements on the 1858 bit here: http://www.google.com/patents?id=kLVQAAAAEBAJ&pg=PA1&dq=141324+1873&hl=en&sa=X&ei=cgFRT4efMcXn0QHvyYmEDg&ved=0CDQQ6AEwAA#v=onepage&q=141324%201873&f=false . By 1894, R.H. Brown was the sole manufacturer of the bits and was patenting improvements on them himself: http://www.google.com/patents?id=SJ9WAAAAEBAJ&pg=PA2&dq=Brown+expansive+bit&hl=en&sa=X&ei=9QBRT9uYOOSs0AH EzrD8DQ&ved=0CDIQ6AEwAA#v=onepage&q=Brown%20expansive%20bit&f=false .			
22612T5	Expansion bit	DTM	TT
Drop-forged steel, vinyl case with printed instructions, 7" long, 2 sizes of bits, small from 5/8" to 1", large 1" to 1 3/4", signed "IRWIN No 21A US of A". These were manufactured around the 1980s; courtesy of Liberty Tool Co.			
3312T11	Expansion drill	DTM	TT
Drop-forged tempered alloy steel, 10 1/2" long, bit from 7/8" to 1 3/4", signed "THE CLARK, BROWN MODEL" "MADE BY R.H.BROWN & CO.". DATM (Nelson 1999, 119) lists R. H. Brown & Co. as making machinist tools, bits, braces, and screwdrivers in Westville, CT, from 1873 to 1905. Courtesy of Liberty Tool Co.			
111412T1	Expansive bit	DTM	MH
Drop-forged steel, 7 1/2" long, 1" wide, signed "W. A. IVES" "MFG. CO.". William A. Ives had 12 patents between 1868 and 1917 for augers, bits, braces, etc. This specific mark is thought to have come into use after 1900. He was reported working in New Haven, Wallingford, and Hampden, CT. (Nelson 1999, 419).			
33013LTC1	Expansive drill bit set	DA	TT (Pub)
Drop-forged steel, Two bits, one is 8" x 5/8", the other is 7 1/2" x 7/16", signed "C.E. JENNINGS STEERS' PATENT APR ** '84 DEC 19, 1905 MAR 1 1910" "MADE IN U.S.A. 1922".			

		Status	Location
61617T3	Gentleman's brace star bit	DTM	TT
Cast steel, 5" long, 9/16" diameter, signed "D. FLATHER & SONS SHEFFIELD".			
112400T1	Hand drill	DTM	MH
Drop-forged tempered alloy steel, wooden handle, 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			
22411T17	Hand drill	DTM	TT
Brass with wooden handle, 9" long, unsigned. This is an Archimedean style drill with a fine drill holder end.			
52612LTC3	Hand drill	DA	TT (Pub)
Cast iron and steel, 7 7/8" long, unsigned. This tool is pictured in Sellens (2002) under "Hand Drill" with a Hammacher & Schlemmer maker's mark. Courtesy of Liberty Tool Co.			
3312LTC1	Jennings patent auger bit set	DA	TT (Pub)
Drop-forged steel, wood box, signed "Russell Jennings STANLEY AUGER BITS". This three-tiered box holds a set of Jenning pattern auger bits. Courtesy of Liberty Tool Company.			
102100T22	Mortising bit	DTM	MH
Drop-forged steel, 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. http://www.davistownmuseum.org/bioGreenlee.html			
82500T3	Mortising machine	LPC	MH
Cast iron, drop-forged malleable iron, signed "M.F.Co. Millers Falls Mass", c. 1885. This is a prototypical mortising machine of the late 19th century. It was 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			
31908T32	Pod auger	DTM	MH
Drop-forged iron and steel, 17 1/8" long, signed "MATHIGSON" with an M inside a circle. It is Scottish.			
31908T36	Single twist auger bit	DTM	MH
Drop-forged 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			
8912T7	Snail countersink bit	DTM	TT
Cast steel, 3 3/8" long, 5/16" wide, signed "HAWESWORTH CAST STEEL". This bit has a square shank for a bit brace. DATM (Nelson 1999) does not list any Hawesworths.			
42812LTC1	Star bit	DA	TT (Pub)
Drop-forged steel, 7 3/4" long handle, 5/8" diameter, signed "UTICA USA 5/8". DATM (Nelson 1999, 809) lists Utica Drop Forge & Tool Co. in Utica, NY from 1895 to 1912. Courtesy of Liberty Tool Co.			
101212LTC1	Three bit gang drill	DA	TT (Pub)
Cast iron, cast steel, 8 1/4" long, 4 1/2" wide, 1 1/8" thick, bits are 1" wide, signed "GRAND RAPIDS SASH PULLEY CO". This company was located in Grand Rapids, Michigan (http://vintagemachinery.org/mfgindex/detail.aspx?id=1955).			

		Status	Location
31811T9	Twist drill bit	DTM	TT
Drop-forged steel, 8" long, 1" diameter, unsigned. It is used with a brace.			

41617T5	Twist drill index	DTM	TT
Cast iron, steel, 6 1/16" diameter, 5 1/2" tall, signed "NEW PROCESS TWIST DRILL CO. TAUNTON MASS".			

Woodworking: Edge Tools

3312T13	Adz	DTM	TT
Malleable iron, forged steel tip, wooden handle, 8" long, 1 3/4" wide blade, unsigned. This commonplace contemporary tool was purchased in a Nairobi, Kenya flea market in 2011 and donated to the museum by Judith Bradshaw Brown. It's curved handle form is from natural tree growth. It is notable in that the design of this adz is a perpetuation of the now obsolete model of socket hole edge tools, which characterized tool forms during the European Bronze Age. See "Steel and Toolmaking Strategies and Techniques Before 1870" (Brack 2008, 15) for commentary on the modern design of the shaft hole ax, which first appeared in the toolkits of Sumerians c. 3000 BC. Also see Goodman (1964).			

52017LTC1	Adz	DA	TT (Pub)
Cast steel, 9 1/2" long, 4 1/4" wide, 2 3/4" tall, signed "FAYETTE R. PLUMB CAST STEEL WARRANTED".			

73016LTC5	Beveled socket chisel	DA	TT (Pub)
Cast steel, 13" long, 2" edge, 1 1/4" socket, signed "GEO. PARR BUFFALO, NY CAST STEEL WARRANTED". George Parr worked from 1861 to 1871.			

32808DTM5	Box of six outside bevel socketed firmer gouge chisels	DTM	MH
Drop-forged steel, wooden handles, 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			

31011T5	Box scraper	DTM	TT
Drop-forged tempered alloy steel with wood grip, 10 1/2" long, 5" wide, 3" high, 5" blade, unsigned. It has an adjustable blade. It is used to remove paper labels from wooden boxes.			

111116T2	Box scraper	DTM	TT
Steel, wood (beech), brass, 10" long, 3 1/8" wide, 1 3/8" tall, unsigned.			

42812LTC5	Box scraper	DA	TT (Pub)
Cast iron, steel blade, wood (beech), 13" long, 2" wide cutting edge, signed "STANLEY SW MADE IN U.S.A.". Courtesy of Liberty Tool Co.			

14302T19	Box scraper	DTM	MH
Drop-forged 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. It is used for removing paper labels on fruit, etc., boxes.			

81602T18	Box scraper	DTM	MH
Drop-forged 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, 392) 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.			

31908T28	Carving chisel	DTM	MH
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.			

		Status	Location
41302T4	Chisel	DTM	MH
<p>German steel, wooden 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.</p>			
52016T2	Chisel	DTM	TT
<p>Steel, wood, brass, 10 1/2" long, 1 1/4" wide, 1" thick, unsigned.</p>			
33002T14	Chisel	DTM	TT
<p>Hardened tool steel with wood handle, 7 3/4" long, 3 3/4" handle, 15/16" wide blade, signed "Hardened tool steel _____ MADE IN USA", c. 1900 (?). This is a generic early 20th century tool.</p>			
31811T31	Chisel	DTM	TT
<p>Malleable iron and 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 to study its microstructure.</p>			
93011T17	Chisel	DTM	TT
<p>Drop-forged iron and steel with a broken wooden handle, 7" long, 1/4" wide blade, signed "RUBBARD Y____". Could this be Hubbard Hardware Company of Middletown CT, which used the mark "HUBBARD H. W. CO." and made chisels?</p>			
22612T4	Chisel	DTM	TT
<p>Drop-forged steel, wooden handle, 12" long with 8" long and 11/16" wide blade, 4" long handle, unsigned.</p>			
52603T14	Chisel	DTM	MH
<p>Tool steel, signed "TOOL STEEL" "MADE IN USA" "HARDENED AND GROUND". Contemporary tool steel has a carbon content of 0.7% and above. The mark "TOOL STEEL" is another way of saying tempered alloy steel.</p>			
041709T2	Chisel	DTM	MH
<p>Drop-forged 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</p>			
041709T3	Chisel	DTM	MH
<p>Drop-forged 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</p>			
091309T2	Chisel set (3)	DTM	MH
<p>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.</p>			
31808SLP16	Corner chisel	DTM	TT
<p>Drop-forged iron and steel, 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</p>			
72612LTC1	Deck or ship scraper	DA	TT (Pub)
<p>Forged malleable iron and steel, 12" long, 1" wide, 2 1/2" wide cutting edge, unsigned. Courtesy of the Liberty Tool Company.</p>			
31811T2	Drawknife	DTM	TT
<p>Forged iron and 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.</p>			

		Status	Location
22411T15	Drawknife	DTM	TT
<p>Drop-forged iron and steel, steel ferrules, wooden handles, 12" long, 6" wide and 6" long blade, 6" long handles, 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.</p>			
4415T1	Drawknife	LPC	MH
<p>Cast steel, wood (beech), 16 1/4" wide, 9 1/2" edge, 5 1/4" handles, signed "H. ELLIOT CAST STEEL".</p>			
102612T9	Drawknife	LPC	MH
<p>Steel, wooden handles, 16" long, 5 3/4" long handles, 9 1/2" long cutting edge, signed "C. J. KIMBALL". The Caleb Jewett Kimball company was in Bennington, NH from 1894 -1900. http://www.davistownmuseum.org/bioKimball.html</p>			
22311T16	Drawknife	DTM	TT
<p>Drop-forged iron and steel with a wood handle, 12" long, 6" long blade, unsigned. This drawknife is factory-made. Part of the Robert Sullivan Collection donation.</p>			
12112T2	Drawknife	DTM	MH
<p>Forged steel, wood (rosewood) handles, 16 1/2" long, 11" cutting edge, 4 3/4" long handles, signed "A. FENTON & SON". This is a previously unrecorded maker.</p>			
22411T5	Drawknife	DTM	TT
<p>Drop-forged iron and steel with wooden handles, 17" long, 6 1/2" wide, 11" long blade, unsigned. This drawknife has a slightly concave blade.</p>			
102612T8	Drawknife	DTM	TT
<p>Steel, wooden handles, 20" long, 5" long handles, 13 1/2" long cutting edge, signed "J. P. DAVIS" "UNION" "WARRENTED". It looks like Davis is an owner's mark.</p>			
41302T2	Drawknife	DTM	MH
<p>Forged iron and steel, wooden 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. It serves as a reminder that 20th century craftsmen can still fashion a drawknife the old fashioned way.</p>			
72714T1	Drawknife blade	LPC	TT
<p>Steel, 11" long, 5 3/8" cutting edge, 4 1/4" handle tangs, unsigned. This drawknife is fashioned from a reforged file.</p>			
31808PC14	Drawshave	DTM	MH
<p>Steel and wood, 21 1/4" long, 14" blade, signed "HARRIS" and "& ALLAN" with "CS" on either side. Harris & Allan worked in St. John, NB from 1860 - 1888. James Harris eventually bought out his partner.</p>			
110611T2	Drawshave	DTM	TT
<p>Forged iron and steel, wooden (ash) handle, 14" long cutting edge, 5" long handles, signed "T.H. WITHERBY" and "T. ERSKINE" owners mark. This drawshave has a distinct forge-welded steel blade. http://www.davistownmuseum.org/bioWitherby.html</p>			
31808SLP6	Drawshave	DTM	TT
<p>Drop-forged steel, 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</p>			

	Status	Location
31808SLP17 Drawshave	DTM	TT
Drop-forged steel, wooden handles, 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		
121412T1 Drawshave	DTM	TT
Cast steel, wood (hornbeam), 19" long, 13 1/2" cutting edge, 6" long handles, signed "SNOW & NEALLEY Co BANGOR MAINE".		
32808DTM2 Firmer chisel	DTM	MH
Drop-forged steel, 11" long, 5/8" wide, signed "JAS SWAN CO. U.S.A.". It has a beveled socketed style.		
http://www.davistownmuseum.org/bioSwan.html		
52403T4 Folding drawknife	DTM	MH
Forged iron and steel, wooden handle, 10 1/2" long, 6" blade, signed "A. J. WILKINSON & CO." "MAKERS - BOSTON MASS." "PATENTED JULY 6.1895" and "6".		
The July 16, 1895 patent was issued to John G. Young of Hyde Park, MA. It may be viewed here: http://www.datamp.org/patents/displayPatent.php?pn=542721&id=12867 .		
http://www.davistownmuseum.org/pics/52403t4_p4.jpg http://www.davistownmuseum.org/pics/52403t4_p3.jpg		
111209T1 Framing chisel	DTM	MH
Tool 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.		
51606T4 Framing chisel	DTM	MH
Drop-forged 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		
51606T3 Framing chisel	DTM	MH-O
Drop-forged 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		
11213LTC1 Framing chisel	DA	TT (Pub)
Cast steel, wood (ash), 17" long, 4 1/2" handle, 2" cutting edge, signed "UNDERHILL EDGE TOOL Co".		
http://www.davistownmuseum.org/bioUnderhill.html		
31808SLP20 Froe	DTM	TT
Drop-forged iron, wooden handle, 13" long blade, 15 1/2" long handle, unsigned. Its cutting edge has probably been carburized (+/- 0.5 % carbon content).		
http://www.davistownmuseum.org/pics/31808slp20-1.jpg		
31311T12 Gouge	DTM	TT
Drop-forged steel, steel ferrules, and wood handle, 17 " long, 11" long and 1" wide blade, 6" long handle, unsigned.		

		Status	Location
93011T14	Gouge	DTM	MH
Drop-forged iron and steel, 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)			
111116T3	Gouge	DTM	TT
Cast steel, wood (beech), brass, 9 3/4" long, 5/8" edge, 1 1/8" diameter handle, signed "W. STALEY CAST STEEL".			
12514LTC1	Gouge set (6)	DA	TT (Pub)
Cast steel, hardwood, Six chisels in the set from 9 3/4" to 13 3/4" long, 5/16" to 2" wide, signed "BARTON BROTHERS SHEFFIELD" "ELECTRO CARBONIZED CAST STEEL".			
10315T1	Molding plane	DA	TT (Pub)
Wood, steel, 14 1/2" long, 4" wide, 3 1/8" edge, 7" tall, signed "C. WARREN NASHUA". Plane information courtesy of Dana Phillipi.			
71617T3	Paring chisel	DTM	TT
Cast steel, beech wood, and brass, 12 13/16" long, 1" edge, 1" thick, signed "WARD CAST STEEL W P". James Ward & Son worked out of London circa 1885-1895.			
110611T5	Paring chisel	DTM	TT
Steel, wood, 3 1/4" long blade, 4 1/2" long wooden faceted handle, 1/4" diamond shape edge, signed "BUCK BROS" "JAMES CAM". Possibly it was reforged into a diamond shaped edge tool. The signature sequence is particularly significant showing Buck Brothers utilizing English steel. This is the first edge tool we've encountered with a James Cam (steelmaker) mark on the verso. http://www.davistownmuseum.org/bioBuckBrothers.html			
102612T6	Peen adz	LPC	MH
Steel, wooden handle, 35" long, 10" long and 4" wide head, signed with an owner's mark "T R" using punched dots and including a diamond between the T and R.			
31501T4	Peen adz	DTM	MH
Drop-forged iron and 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. The patent was assigned to John Pinkerton of Philadelphia (http://www.google.com/patents?id=2hhEAAAAEBAJ&pg=PA2&dq=june+8+1875+adz&hl=en&sa=X&ei=4W-QT6-YCab06QHDhpCoBA&ved=0CDIQ6AEwAA#v=onepage&q=june%208%201875%20adz&f=false).			
31112T16	Plugging chisel	DTM	MH3- D30
Drop-forged tool steel, 8 1/4" long, 3/4" wide blade, signed "C. DREW & CO.". Courtesy of Liberty Tool Co. http://www.davistownmuseum.org/bioDrew.htm			
6316LTC2	Plumber's chisels	DA	TT (Pub)
Steel, 7 1/8" to 15 1/4" long, 3/8" to 1 7/16" edges, signed "C DREW & CO". This set of 9 plumber's chisels were manufactured by C. Drew.			
12413LTC1	Razor edge spokeshave	DA	TT (Pub)
Drop-forged steel, wood (boxwood), 11" long, 2 1/2" wide cutting edge, signed "STANLEY SW No. 85". http://www.davistownmuseum.org/bioStanley.htm			
81713T9	Saw handle	DTM	TT
Aluminum, 4 3/4" long, 5" wide, 3/4" thick, signed "1 NO 100 DOUGLAS ALUMINUM COMPASS SAW HANDLE DOUGLAS CO. CHARLOTTE, NORTH CAROLINA". This aluminum saw handle comes in its original box.			

		Status	Location
120907T1	Slick	DTM	TT
Steel, iron, wooden handle, unsigned. There is a clear suggestion of either a welded steel-iron interface or differential tempering. The iron shaft is probably low-carbon steel and shows signs of forge-welding. http://www.davistownmuseum.org/pics/120907t1.jpg			
913108T18	Socket chisel	DTM	MH
Iron and steel 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.			
102512T15	Socket chisel	DTM	TT
Steel, 3 3/4" long, 1" wide cutting edge, signed "ERIK ANTON BERG" "ESKIL__UNA__" "SWEDEN" plus a shark trademark. Erik Berg worked in Eskilstuna, Sweden. Go here for a history of E. A Bergs Fabriks AB (E.A. Berg MFG. Co. LTD) (http://straightrazorplace.com/razors/26475-erik-antonberg-short-history.html). Courtesy of Liberty Tool Co.			
91914T10	Socket chisel	LPC	TT
Cast steel, wood, 11 3/4" long, 1" edge, 1" tall, signed "UNDERHILL EDGE TOOL CO". http://www.davistownmuseum.org/bioUnderhill.html			
030910T1	Socket chisel	DTM	MH
Drop-forged iron and 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." http://www.davistownmuseum.org/pics/030910t1web4.jpg http://www.davistownmuseum.org/pics/030910t1web3.jpg			
121805T15	Socket chisel	DTM	MH
Forged-welded German steel, 9 1/2" long, 1 1/2" wide, signed "HR 1861" with three trademarks and a fleur de lis. There are signs of hand-filing but no evidence of steeling - uniform microstructure throughout the tool and socket. Possibly it is made of puddled steel. http://www.davistownmuseum.org/pics/121805t15_p2.jpg			
62202T4	Socket chisel	DTM	MH
Drop-forged iron and steel, 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. http://www.davistownmuseum.org/pics/62202t4_p1.jpg http://www.davistownmuseum.org/pics/62202t4_p2.jpg			
71401T20	Socket chisel	DTM	MH
Drop-forged steel, wood, and brass, 8 3/4" long, 9 1/2" blade, signed "Charles Buck". This is an excellent example of the craft of one of New England's foremost edge toolmakers. http://www.davistownmuseum.org/bioBuckBrothers.html			
32808DTM21	Socketed firmer chisel	DTM	MH
Drop-forged tool steel, 9" long, 5/8" wide, signed "THE JAMES SWAN Co." and "SEYMOUR CONN. U.S.A." with their trademark. By the late 1920s, the Swan Co. is probably using tempered alloy steel smelted in an electric arc furnace as are many other tool companies. Steel alloy composition will vary according to the function of the tool, with calipers and precision machinists' tools having a slightly different composition than edge tools. http://www.davistownmuseum.org/bioSwan.html			

	Status	Location
40408DTM5 Socketed framing chisel	DTM	MH
Drop-forged tool 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		
103113LTC1 Socketed framing chisel	DA	TT (Pub)
Wood (ash), steel, 16 1/4" long, 12" blade, 1 1/2" edge, signed "UNDERHILL EDGE TOOL Co" "J.F. LIBBEY.". http://www.davistownmuseum.org/bioUnderhill.html		
40408DTM1 Socketed inside bevel gouge chisel	DTM	MH
Drop-forged tool 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	MH
Drop-forged tool 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	MH
Drop-forged tool steel, 11" long, 5/8" wide, signed "THE JAMES SWAN CO". http://www.davistownmuseum.org/bioSwan.html		
913108T13 Spokeshave	DTM	MH
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.		
12413LTC2 Spokeshave	DA	TT (Pub)
Cast steel, wood (boxwood), 13 1/4" long, 2" wide cutting edge, unsigned.		
22211T30 Spokeshave	DTM	TT
Drop-forged tempered alloy steel, steel blade, signed "No 45" on body, "STANLEY" on the plane blade, and "MADE IN USA" on the handle. Part of the Robert Sullivan Collection donation. http://www.davistownmuseum.org/bioStanley.html		
7712LTC6 Spokeshave	DA	TT (Pub)
Drop-forged steel, wooden (rosewood) handles, 10 1/4" long, 3/4" diameter, 2 1/4" long cutting edge, signed "MILLERS FALLS CO. MILLERS FALLS MASS. MADE IN U.S.A.". This is the No. 1 spokeshave from Miller's Falls, patented by Albert D. Goodell on February 19, 1884. View the patent here: http://www.google.com/patents/US293651?printsec=drawing&dq=Goodell+February+19,+1884&ei=m9AOLKQIcfZOQWsz4GgAQ#v=onepage&q&f=false . Courtesy of Liberty Tool Company. http://www.davistownmuseum.org/bioMillersFalls.htm		
6204T5 Tang chisel	DTM	MH
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". This is a typical late 19th century edge tool made in France using German steel, i.e. the continental method of fining cast iron.		
41308DTM6 Tanged chisel	DTM	MH
Drop-forged tool 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		
41308DTM3 Tanged firmer chisel	DTM	MH
Drop-forged tool steel, 8 7/8" long, 3/8" wide, signed "THE JAMES SWAN CO USA". http://www.davistownmuseum.org/bioSwan.html		

	Status	Location
32808DTM22 Tanged gouge Drop-forged tool steel, 10" long, 1/4" wide, signed "THE JAMES SWAN Co." http://www.davistownmuseum.org/bioSwan.html	DTM	MH
32808DTM15 Tanged gouge Drop-forged tool steel, 9 7/8" long, 3/4" wide, signed "JAS. SWAN Co. U.S.A." http://www.davistownmuseum.org/bioSwan.html	DTM	MH
32808DTM16 Tanged gouge Drop-forged tool steel, 9 1/8" long, 9/16" wide, signed "JAS. SWAN Co. U.S.A." http://www.davistownmuseum.org/bioSwan.html	DTM	MH
32808DTM13 Tanged inside bevel edge gouge Drop-forged tool steel, 9 1/4" long, 1 1/2" wide, signed "THE JAMES SWAN CO. U.S.A." http://www.davistownmuseum.org/bioSwan.html	DTM	MH
32808DTM1 Tanged inside bevel edge gouge Drop-forged tool steel, 9 1/2" long, 1 1/4" wide, signed "THE JAMES SWAN CO." http://www.davistownmuseum.org/bioSwan.html	DTM	MH
32808DTM12 Tanged mortising chisel Drop-forged tool steel, 9 3/4" long, 1/8" wide, signed "THE JAMES SWAN Co." and "WARRANTED" with their trademark. http://www.davistownmuseum.org/bioSwan.html	DTM	MH
41308DTM4 Tanged mortising chisel Drop-forged tool 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	DTM	MH
41308DTM2 Tanged mortising chisel Drop-forged tool steel, 9 1/2" long, 1/8" wide, signed "THE JAMES SWAN CO." http://www.davistownmuseum.org/bioSwan.html	DTM	MH
40408DTM12 Tanged outside bevel edge chisel Drop-forged tool 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	DTM	MH
32808DTM19 Tanged outside bevel edge chisel Drop-forged tool steel, 7 1/2" long, 3/4" wide, signed "THE JAMES SWAN CO. U.S.A." http://www.davistownmuseum.org/bioSwan.html	DTM	MH
32808DTM14 Tanged outside bevel edge gouge Drop-forged tool steel, 11" long, 1 3/8" wide, signed "THE JAS. SWAN CO. U.S.A." http://www.davistownmuseum.org/bioSwan.html	DTM	MH
32808DTM18 Tanged paring chisel Drop-forged tool 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	DTM	MH
41308DTM1 Tanged paring chisel Drop-forged tool steel, 7 " long, 7/16" wide, signed "THE JAMES SWAN Co." and "BEST TOOL STEEL" with their trademark. http://www.davistownmuseum.org/bioSwan.html	DTM	MH
41308DTM7 Tanged paring chisel Drop-forged tool 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	DTM	MH

	Status	Location
41308DTM5 Tanged paring chisel	DTM	MH
Drop-forged tool 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		
32808DTM8 Tanged skewed turning chisel	DTM	MH
Drop-forged tool 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		
32808DTM7 Tanged skewed turning chisel	DTM	MH
Drop-forged tool 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		
32808DTM3 Tanged timber framing chisel	DTM	MH
Drop-forged tool 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		
32808DTM10 Timber framing socket chisel	DTM	MH
Drop-forged steel, 7 7/8" long, 1 1/2" wide, signed "THE JAMES SWAN CO. SEYMOUR, CONN., U.S.A." with a swan touchmark. It has a beveled socket. http://www.davistownmuseum.org/bioSwan.html		
22311T4 Veining tool	DTM	TT
Walnut and drop-forged tempered alloy 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.		
121412T14 Wedge	DTM	TT
Cast steel, 5" long, 2 3/4" cutting edge, 5/8" thick, signed "SNOW & NEALLEY Co BANGOR MAINE".		
31112T15 Wood chisel	DTM	MH3-D2
Drop-forged tool steel, 7 1/4" long, 5/8" wide cutting edge, signed "C. DREW & CO.". Courtesy of Liberty Tool Co. http://www.davistownmuseum.org/bioDrew.htm		
31112T18 Wood chisel	DTM	MH3-D2
Drop-forged steel, plastic handle, 7 1/2" long, 3/4" wide blade, signed "C. DREW & CO.". Courtesy of Liberty Tool Co. http://www.davistownmuseum.org/bioDrew.htm		
31112T19 Wood chisel	DTM	MH3-D2
Drop-forged steel, plastic handle, 9 1/4" long, 1" wide blade, signed "C. DREW & CO.". Courtesy of Liberty Tool Co. http://www.davistownmuseum.org/bioDrew.htm		
41203T2C Wood chisels (2)	DTM	MH
Drop-forged steel, 1/2" wide and 1 1/2" wide, signed "C. Drew & Co.". These have a yellow plastic handle c. 1960. http://www.davistownmuseum.org/bioDrew.htm		

Woodworking: Edge Tools - American Made Cast Steel

92112T5 Beveled butt chisel	DTM	TT
Cast steel, leather, 6" long, 2" long handle, 1/2" wide cutting edge, unsigned. This full tang chisel has a grip constructed of compressed leather washers.		

51606T15 Chisel

DTM MH

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.

This is a typical late 19th century imported English edge tool by one of England's major toolmakers.

3312T9 Chisel

DTM TT

Forged steel and iron, wooden handle, 12" long, signed "W.GRAVES & SONS" "SCMSAFWORKS" "ELECTRO" "EDRACIL" and "STEEL".

Some of the marks are hard to make out. This appears to be a late 19th century example of steel produced in an early electric arc furnace. Courtesy of Liberty Tool Co.

92112T3 Firmer chisel

DTM TT

Cast steel, wood (hardwood with a very dark patina, possibly teak), signed "T. SYER WARRANTED".

Thomas J. Syer worked out of 21 Finsbury St., London, circa 1880 - 1890 and 45 Wilson St, Finsbury Square circa 1890-1911.

They made cabinets, vices, chisels, planes, and offered other services. Syer ran the Finsbury Practical School of Amateur Mechanics (Goodman 1964, 422).

42904T5 Gouge

DTM MH

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.

31908T23 Mortising chisel

DTM MH

Cast steel, copper, and wood, 16 1/2" long, 9 1/2" long blade, 1/2" wide cutting edge, signed "J. N. CUTLER" "PIONEER" and "CARBONIZED CAST STEEL", there is also a crossed x mark.

The term "carbonized cast steel" suggests a late 19th century production date. The Historical Society of Geauga County, Ohio, lists John Cutler as a plane and chisel maker ("Pioneer and General History Geauga County" 1880, 640), but this tool could also be English.

<http://www.davistownmuseum.org/pics/31908t23-1.jpg>

<http://www.davistownmuseum.org/pics/31908t23-2.jpg>

31212T8 Paring chisel

DTM TT

Cast steel, hardwood handle, 8 1/4" long, 1/4" wide edge, signed "BARTON BROS. SHEFFIELD CARBONIZED CAST STEEL". Courtesy of Liberty Tool Co.

102904T12 Socket chisel

DTM MH

Cast steel, brass ferrule, 15 1/4" long including 5" long handle, 7/8" wide, signed "J. L. WHELPLEY" "BOSTON, MASS." "WARD CAST STEEL" and various touchmarks and cartouches.

The owner's signature (Whelpley) is in a more modern (c. 1870) style. Several other Whelpley signed tools accompanied this one in a Wells, Maine, tool chest, including a Steer's patented plane and several interesting calipers. This socket chisel is clearly stamped with a prominent English edge toolmakers' hallmark, accompanied by numerous touchmarks, including one indicating Ward was licensed by the crown to produce tools, possibly for export. At the same time that this English woodworking tool was being exported to the United States, numerous American foundries were gearing up their production of high quality edge tools, also utilizing imported English cast steel. Who was Mr. Whelpley and what did he make with his tools?

http://www.davistownmuseum.org/pics/102904t12_p3.jpg

121805T19 Tang chisel

DTM MH

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 (?).

See the comments on the chisel, ID# 31908T23.

http://www.davistownmuseum.org/pics/121805t19_p2.jpg

Woodworking: Edge Tools Made in Maine

92901T1 Drawknife

DTM TT

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. It has an 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>

22411T6 Drawknife

DTM TT

Forged wrought iron and steel, brass ferrules, and wooden handles, 13 1/2" long, 5" long handles, 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.

41212T6 Drawknife

DTM TT

Re-forged steel file, rosewood handles, 16 1/2" long, 9 1/2" long cutting edge, signed "T.C. JACKSON" "STINSON".

This tool was made in Bath, Maine circa 1869 or earlier from a recycled steel file or rasp. Courtesy of Liberty Tool Co.

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

TJC1001 Drawknife

DTM MH

Forged iron and steel, wooden handles, 14 1/4" long, 8 3/16" long blade, signed "L. WEBB BANGOR".

Probably it was made by Lester Webb, 1867-1871, who DATM (Nelson 1999) lists as having an association with Higgins and Webb.

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

71903T5 Drawshave

DTM MH

Forged iron and steel, 16 1/4" wide, 10 3/8" long blade, signed "I Haskell".

It was 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. It was donated to The Davistown Museum by Rick Floyd.

http://www.davistownmuseum.org/pics/71903t5_p3.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.

111711T1 Lipped adz

DTM MH

Forged iron and steel, 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" (Brack 2008) 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.

121311T3 Ships' adz

DTM TT

Forged iron, steel, and wood, 2' long curved wood handle, 4 3/4" long edge, 2 1/2" long spike, signed "STINSON" and an indecipherable mark.

The shipbuilders' adz tapered spike is used to drive nails below the surface. J. F. Stinson worked in Bath, ME, 1869-1871. This is a good example of weld steeling.

111512T1 Spokeshave

DTM MH

Brass body, steel blade, 6 3/4" long, 1 3/8" wide cutting edge, signed "LIE-NIELSEN" on both the blade and body.

This is a brand new tool with a box and instructions. The instruction sheet indicates it is copyright 2002.

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

Woodworking: Other Tools

111001T10 Bit brace

DTM MH

Drop-forged iron and steel, brass, iron, rosewood handle, 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. working 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>

		Status	Location
22601T1	Bit brace	DTM	MH
Drop-forged grey cast iron and 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, with no dates. This is an unusual bit brace with a very large wheel and a twisted stock. Possibly it is one-of-a-kind or a limited edition never seen before by the curator.			
032203T12	Bit brace	DTM	MH
Drop-forged iron and steel, brass, 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, machinists, 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			
22311T6	Brace	DTM	TT
Drop-forged 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	TT
Drop-forged 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.			
3312T15	Cabinet-makers' screwdriver	DTM	TT
Drop-forged steel, wooden handle, 12" long, 5 1/2" long handle, 1/4" bit width, signed "MATHIESON & SON" "GLASGOW" with a stamped crescent moon with star within; also owner's mark "H.D.J.".			
Courtesy of Liberty Tool Co.			
3312T5	Cabinet-makers' screwdriver	DTM	TT
Drop-forged cast steel, copper ferrule, wood, 11 3/4" long, 6 1/4" long and 5/8" wide blade, signed "W.E. THAYER" "CAST STEEL".			
DATM (Nelson 1999) lists William E. Thayer as a maker of screwdrivers in Williamsburg, MA, from 1870 - 1883. Courtesy of Liberty Tool Co.			
31212T2	Carpenters' multitool handle	DTM	TT
Nickel plated steel, cocobolo wood handle, 6" long, signed "MILLERS FALLS CO. MILLERS FALLS MASS.".			
This pocket sized tool handle is hollow with a threaded wooden butt cap that houses six different tools which can be fitted into the chuck, including a chisel, various screwdrivers, and a saw. Courtesy of Liberty Tool Co.			
http://www.davistownmuseum.org/bioMillersFalls.htm			
61612T7	Carpenters' square	DTM	TT
Forged steel, brass, wood (cocobolo), 4 1/2" long blade, 3 1/2" long handle, unsigned.			
31811T20	Cat's paw	DTM	MH3-D2
Drop-forged steel, 11 1/4" long, 1 1/8" head, signed "DREW CATSPAW - 277B".			
http://www.davistownmuseum.org/bioDrew.htm			
12801T16	Cat's paw	DTM	MH
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			
33002T7A	Cat's paw	DTM	TT
Drop-forged steel, 10 1/2" long, signed "C. Drew & Co.".			

		Status	Location
31112T22	Cat's paw	DTM	MH3-D2
Drop-forged steel, 10 3/4" long, 5/8" wide, signed "C. Drew cat's paw-277-". Courtesy of Liberty Tool Co. http://www.davistownmuseum.org/bioDrew.htm			
31112T24	Cat's paw pry bar	DTM	MH3-D2
Drop-forged steel, 12" long, 1/2" wide, signed "Drew No. 12". Courtesy of Liberty Tool Co. http://www.davistownmuseum.org/bioDrew.htm			
100108T5	Clamp	DTM	MH
Wood, 3 3/8" long, 3 1/4" wide, 3" wooden screw, signed "PATENT PENDING" "by" "W.W.WYMAN" and "W. Waterville Me". This is 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			
6312LTC10	Crosscut saw set	DA	TT (Pub)
Cast iron, 15" long, 8" wide, unsigned. Courtesy of Liberty Tool Co.			
102415LTC3	Double claw hammer	DA	TT (Pub)
Steel, hickory wood, 13" long, 4 1/2" wide head, unsigned.			
22311T11	Dowel pointer	DTM	TT
Malleable cast iron and steel, 5" long, 2 3/4" wide, unsigned. This tool is also called a dowel trimmer. It is used by a chair-maker for tenon chamfering. Part of the Robert Sullivan Collection donation.			
31112T20	Flathead screwdriver	DTM	MH3-D2
Drop-forged steel, plastic handle, 9" long, 3/4" wide blade, signed "C. DREW & CO.". Courtesy of Liberty Tool Co. http://www.davistownmuseum.org/bioDrew.htm			
52403T6	Framing clamp	DTM	MH
Drop-forged iron, 7 3/4" long, 4 5/8" wide when closed, unsigned. This is 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.			
41212T7	Framing square	DTM	TT
Drop-forged steel, 24" long, 16" wide, signed "MITER CUTS FOR POLYGON PAT APR. 23-1901". This framing square is marked with metric measurements but has no maker's mark. The measurements include "HEXAGON 24-14 HEPTAGON 24-11 1 2 OCTAGON 24-10 NANAGON 24-8 5 8 DECAGON 24-7 3 4 UNDECAGON 24-7 DODECAGON 24-6 1 2". The patent was assigned to Moses Nicholls of Glenwood, Iowa and may be viewed here: http://www.google.com/patents?id=tu5IAAAAEBAJ&printsec=frontcover&dq=672455&hl=en&sa=X&ei=hyC1T63qO8-lhQenroHwDQ&ved=0CD0Q6AEwAg . Courtesy of Liberty Tool Co.			
11516LTC1	Hand beader	DA	TT (Pub)
Cast iron, steel, nickel finish, 11 1/2" long, 3 1/2" thick, 2 1/2" tall, signed "STANLEY NO 66 PAT'D FEB. 9. 86".			
61612T1	Hand vise	DTM	TT
Drop-forged steel, 4" long, 2 3/8" wide, 1 1/8" wide clamp jaws, signed "H. BOKER" "W.P. WENTWORTH". H. Boker was the US affiliate of a German company. Its working dates were 1837-1969. William P. Wentworth, Seneca Falls, NY, held patent 214,071 for the clamping device for this vise, which is used for filing saws. View the patent here: http://www.google.com/patents?id=bEdRAAAAEBAJ&pg=PA1&dq=wentworth+apr.+8+1879&hl=en&sa=X&ei=p8zpT_CiE4nXtAbd-YH7DQ&sqi=2&ved=0CDM0Q6AEwAA#v=onepage&q=wentworth%20apr.%208%201879&f=false .			
9615LTC1	Lathe sizer	DA	TT (Pub)
Steel, rosewood, brass, 18 1/2" long, 8 1/4" handle, 4 1/2" gap, 5/16" edge, signed BUCK BROS CAST STEEL.			

		Status	Location
121112T8	Mason's joint filler	DTM	MH
Drop-forged iron, 10 1/4" long, 1/2" and 5/8" wide curved beaders, signed "C Drew & Co." http://www.davistownmuseum.org/bio#bioDrew.htm			
41801T9	Miniature brace	DTM	MH
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. It is a collectable tool from the classic period of the Industrial Revolution. http://www.davistownmuseum.org/bio#bioMillersFalls.htm			
72712LTC3	Miter jack	DA	TT (Pub)
Wood (various hardwoods), 32" long, 10" wide, 7 1/4" high, unsigned. Courtesy of the Liberty Tool Company.			
81713T1	Mounted saw set	DTM	TT
Cast steel, wood (beech), 21 1/2" long, 5" wide, 3" high, unsigned.			
5212LTC1	Nail puller	DA	TT (Pub)
Drop-forged steel, 17" long retracted, 22 1/2" wide, signed "BRIDGEPORT". Courtesy of Liberty Tool Co.			
31808SLP26	Nail puller	DTM	TT
Drop-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			
52712LTC4	Offset slip-joint pliers	DA	TT (Pub)
Drop-forged tool steel, 7 1/8" long, signed "THE H.D. SMITH & CO. PLANTSVILLE, CONN. PAT. JUNE ____". This is the patent, which was assigned to H. D. Smith by William S. Thomson: http://www.google.com/patents?id=BW5PAAAAEBAJ&pg=PA2&dq=PLANTSVILLE+smith&hl=en&sa=X&ei=yArqT-ufOIK18gOU2sAE&ved=0CDIQ6AEwADgU#v=onepage&q=PLANTSVILLE%20smith&f=false . Courtesy of Liberty Tool Co.			
22411T13	Pinch dog	DTM	TT
Forged malleable 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 gluing.			
5517LTC1	Plane float	DA	TT (Pub)
Steel, wood, brass, 13 7/8" long, 3/8" wide, 1/8" thick, unsigned.			
111412T16	Planemakers' float	DTM	MH
German steel, brass ferrule, hardwood handle, 15 1/2" long, 10" long blade, signed "F G S" owners' mark. This is a nice example of a finely crafted edge tool utilizing German steel.			
041505T19	Saw jointer with original box	DTM	MH
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			
32512LTC1	Saw set	DA	TT (Pub)
Cast steel, cocobolo, 8 1/2" long, 1" wide, signed "WYNN & TIMMINS CAST STEEL". This tool has an unusual maker's mark. DATM (Nelson 1999, 884) lists Wynn & Timmins as making a hammer with no location or dates. It also lists C. Wynn as a maker of saw sets. This is the Wynn, Timmins & Co. of Birmingham, England working from 1787 to 1937. Courtesy of Liberty Tool Company.			

		Status	Location
5315T2	Saw set	LPC	TT
Recycled rasp, 11 3/4" long, 1 1/4" wide, 1/4" thick, unsigned.			
22311T13	Saw set	DTM	TT
Drop-forged steel, 7" long, signed "NIKE" "ESKILSTUNA" "MADE IN" "SWEDEN". Part of the Robert Sullivan Collection donation.			
6312LTC4	Saw set	DA	TT (Pub)
Drop-forged iron, japanned finish, 12" long, unsigned. Courtesy of Liberty Tool Co.			
30202T3	Saw set	DTM	MH
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			
9615T1	Saw set	DTM	TT
Cast iron, steel, 8 1/4" long, 3 5/8" wide, 1 3/4" thick, signed "****ED NORWICH".			
102512T13	Saw set	DTM	TT
Drop-forged steel, cardboard box, 8 1/2" long, 2" wide, signed "ATKINS" "MADE IN USA". It is in the original, damaged, box. This is an Atkins Criterion Saw Set made by E. C. Atkins & Co., Indianapolis, IN. U.S.A. (For more information go to: http://www.wkfinetools.com/hUS-saws/Atkins/pubs/1895-Catalog/1895-Catalog.asp). Courtesy of Liberty Tool Co.			
42912LTC7	Saw set	DA	TT (Pub)
Drop-forged iron, 6 1/2" long, unsigned. Courtesy of Liberty Tool Co.			
102503T4	Saw swage	DTM	MH
Drop-forged 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.			
112303T1	Screw box and screw tap	DTM	TT
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.			
122303T1	Screw box and screw tap	DTM	MH
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.			
9615T2	Screw starter chuck	DTM	TT
Steel, 7 3/4" long, 1" wide, 1/4" edge, signed "PAT'D JULY 22 '84".			
22211T3	Spirit level	DTM	TT
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.			
22211T4	Spirit level	DTM	TT
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. http://www.davistownmuseum.org/bioStanley.html			

		Status	Location
22211T1	Spirit level	DTM	TT
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.			
http://www.davistownmuseum.org/bioWinchester.html			
22211T2	Spirit level	DTM	TT
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.			
42912LTC18	Spofford bit brace	DA	TT (Pub)
Drop-forged iron, 10" long, signed "BRIDGEPORT CT. U.S.A." "JOHN S. FRAY & CO.".			
John S. Fray's working dates were from 1886 to 1900 (Nelson 1999, 294). There are a number of bit brace patents assigned to Spofford. Courtesy of Liberty Tool Co.			
041505T25	Spoke pointer	DTM	MH
Drop-forged steel and cast iron, unsigned.			
This is a typical factory-made tool of the late 19th century. This pointer is used by chair-makers and wagon wheel-makers.			
http://www.davistownmuseum.org/pics/041505t25.jpg			
52415T2	T handle gimlet	LPC	TT
Forged steel, wood, 8 3/4" long, 5 1/8" handle, 7/16" diameter bit, signed "12 GERMANY".			
111116T1	Tack and nail puller	DTM	TT
Cast iron, 9" long, 1 1/2" wide, 1" thick, signed "C. DREW & CO. MALLEABLE".			
22311T12	Tack or nail remover	DTM	TT
Drop-forged malleable iron, 6" long, signed "BI-PED." "PAT. APLD. FOR".			
This tool has a plier-type lever action. Part of the Robert Sullivan Collection donation.			
52712LTC5	Tack puller	DA	TT (Pub)
Drop-forged steel, Bakelite, 7 1/8" long, signed "THE H.D. SMITH & CO. PLANTSVILLE, CONN. PAT. JUNE *****".			
Courtesy of Liberty Tool Co.			
51312LTC1	Teardrop plumb bob	DA	TT (Pub)
Brass, 6 3/4" tall, 2 3/4" diameter, signed "C DREW & CO. KINGSTON, MASS.".			
http://www.davistownmuseum.org/bioDrew.htm			
61617LTC1	Try square	DA	TT (Pub)
Brass, steel, 9 1/4" long, 7" tall, 11/16" wide, unsigned.			
22211T36	Two speed hand drill	DTM	TT
Drop-forged malleable 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			
3312T17	Wood carving mallet	DTM	TT
Lignum vitae head, oak handle, 12" long, 5" long and 2 1/2" wide head, unsigned.			
This factory-made mallet has a well worn head from use. Courtesy of Liberty Tool Co.			
41915T1	Wood reference set	DTM	TT
Woods, 22" long, 3" wide, 4 1/4" tall, unsigned.			
From the estate of James Robinson. This set contains 41 rectangular pieces of sanded hardwood with labels denoting the types.			

		Status	Location
100400T1	Bailey plane	LPC	MHC-K
<p>Grey cast iron, cast steel blade, 7 1/2" long, 2" wide, signed "BAILEY TOOL CO. Woonsocket RI DEFIANCE". The Bailey Tool Company was in operation from 1872 to 1879 and was founded by Selden A. Bailey. Leonard Bailey of the Stanley Rule and Level Company joined Selden Bailey in Woonsocket in 1878, and introduced his own line of Defiance Metallic planes. This plane is illustrated in Patented Transitional and Metallic planes in America, Volume 2 (Smith 1960) and is identified as a number F block plane. For more information see volume 1, pages 61 - 68 and volume 2, page 32. Both volumes of Smith's important references are in the visitor tool examination area and available for hands-on reference.</p> <p>http://www.davistownmuseum.org/pics/100400-1.jpg</p>			
31808SLP11	Beading plane	DTM	TT
<p>Grey cast iron with nickel-plating, 11 1/4" long, signed "STANLEY No 66" and "PAT. FEB. 9 86". The patent is to Justustraut 2/9/1886. The size dates this plane to post-1909.</p> <p>http://www.davistownmuseum.org/pics/31808SLP11.jpg http://www.davistownmuseum.org/bioStanley.htm</p>			
100400T2	Bedrock smooth plane	LPC	MHC-K
<p>Grey cast iron, wood, steel blade, 7 1/2" long, 1 15/16" wide with a 1 9/16" blade, signed "BEDROCK" on the cap iron and the casing, "3 607" also on the casing, "STANLEY MADE IN USA" and "PATENDED APR 2, 85 APR 19, 10". This No. 2 plane illustrates the Stanley Tool Company at the height of its plane-making artistry.</p> <p>http://www.davistownmuseum.org/pics/100400-2.jpg http://www.davistownmuseum.org/bioStanley.htm</p>			
6312LTC2	Belt-makers' plane	DA	TT (Pub)
<p>Grey cast iron, wood (beech), cast steel blade, japanned finish, 6" long, 3 3/8" wide, 3" high body, 2 3/8" wide cutting blade, 11 1/4" long handle, signed "STANLEY NEW BRITAIN CONN. U.S.A." "No 11". Courtesy of Liberty Tool Co.</p> <p>http://www.davistownmuseum.org/bioStanley.htm</p>			
TJE1002	Birmingham smooth plane	LPC	MH
<p>Gray cast iron, steel, 6 3/8" long, 1 3/4" wide, blade 1 1/2" wide, unsigned. Birmingham Plane Co. no.1 or no. 2 smooth planes are very rare. This specimen is a no. 1; the handle overlaps the bottom of the plane by 1/2". The penultimate classic cast iron plane. It is one of the most sculptural designs in late 19th c. patented planes.</p> <p>http://www.davistownmuseum.org/pics/TJE1002_p1.jpg</p>			
51201T2	Blind nailing plane	LPC	MH
<p>Steel, 2 1/4" long, takes a 1/4" wide blade, signed "STANLEY" on side, verso "PAT. AP'L 10-88". The blade is missing. This plane is very rare; the smallest of all Stanley's planes.</p> <p>http://www.davistownmuseum.org/bioStanley.htm</p>			
31614LTC2	Block plane	DA	TT (Pub)
<p>Cast iron, rosewood, japanned finish, 6" long, 1 9/16" edge, 1 7/8" wide, unsigned. This is the No. 7 block plane by Metallic Plane Company (Auburn, NY, circa 1867-1880).</p>			
62202T2	Block plane	DTM	MH
<p>Wood (beech), steel blade, 5 5/8" long, 2 1/8" wide, 1 3/8" wide blade, signed "Fred Craven, Sheffield" on nose and blade. Although later than most of the planes in the Museum collection, this specimen from a New England tool chest is English-made, with the same signature on the nose and blade. The nose also has additional illegible information including a street address. Did Craven make both the blade and the plane? Craven is not listed in Goodman (1993) as a plane blade manufacturer.</p> <p>http://www.davistownmuseum.org/pics/62202t2.jpg</p>			
31614LTC1	Block plane	DA	TT (Pub)
<p>Cast iron, steel, brass, japanned and nickel finish, 7" long, 2" wide, 2" tall, signed "STANLEY No. 65". This is Stanley Rule & Level Company's No. 65 adjustable low angle block plane.</p> <p>http://www.davistownmuseum.org/bioStanley.htm</p>			
42812LTC4	Block plane	DA	TT (Pub)
<p>Grey cast iron, steel blade, rosewood knobs, 7" long, 1 7/8" wide, signed "STANLEY" "No. 140". The side of this plane is removable for rabbeting functions. Courtesy of Liberty Tool Co.</p>			

	Status	Location
110715LTC1 Block plane	DA	TT (Pub)
Cast iron, steel, japanned finish, 4 3/8" long, 1 9/16" wide, 1 1/4" edge, signed TRADEMARK LB VICTOR PLANE.		
31808SLP13 Block plane	DTM	TT
Grey cast iron with nickel-plating, 3 1/2" long, 1" wide cutting blade, signed "STANLEY". http://www.davistownmuseum.org/pics/31808slp13-3.jpg http://www.davistownmuseum.org/bioStanley.htm		
31808SLP4 Bull nose plane	DTM	TT
Grey cast iron, nickel-plated, steel blade, 5 1/2" long, 1" wide cutting edge, signed "STANLEY" "MADE IN USA" and "92". This is a cabinet-makers plane. http://www.davistownmuseum.org/pics/31808slp4-2.jpg http://www.davistownmuseum.org/bioStanley.htm		
31808SLP31 Bull nose rabbet plane	DTM	TT
Grey cast iron, Japanned, nickel-plated thumbscrew, 4" long, 1" wide blade, signed "STANLEY" and "MADE IN USA". It is plane no. 12-975. http://www.davistownmuseum.org/pics/31808slp31-3.jpg http://www.davistownmuseum.org/bioStanley.htm		
4716LTC1 Bullnose combination plane	DA	TT (Pub)
Cast iron, steel, brass, japanned finish, 9 1/2" long, 6 1/4" wide, 5 3/4" tall, signed "STANLEY RULE & LEVEL CO. PAT. MAY 18, 1886". This is Stanley's No. 141 bullnose plane.		
31808SLP22 Carriage-makers' curved rabbet plane	DTM	TT
Wood (maple), steel blade, 6" long, 1" wide blade, unsigned.		
122712LTC3 Carriage-maker's plane	DA	TT (Pub)
Wood (maple), cast steel blade, 7" long, 1 1/2" wide, 3" tall without peg or cutter installed, signed with the remnants of a "Moulson Brothers" logo on the blade, which has been recut from a block plane blade to fit the plane.		
31808PC3 Circular plane	DTM	MH
Grey cast iron, Japanned, nickel-plated trim, 10 1/2" long, 1 3/4" wide blade, signed "STANLEY RULE & LEVEL CO." "PATENTED SEPT. 25, 1877". This is a Stanley model 113. http://www.davistownmuseum.org/pics/31808pc3-4.jpg http://www.davistownmuseum.org/bioStanley.htm		
31808SLP9 Circular plane	DTM	TT
Grey cast iron with Japanned and nickel-plated trim, 10 1/4" long, 1 3/4" wide cutting blade, signed "STANLEY" and "NO 113". The size dates this plane to after 1936. It has ornate knob decoration. http://www.davistownmuseum.org/pics/31808slp9-2.jpg http://www.davistownmuseum.org/bioStanley.htm		
72714T2 Close tote jointer plane	LPC	TT
Wood (beech), cast steel blade, 24" long, 3" wide, 2 3/16" cutting edge, signed "B & O LIBERG ROSENFORS GARANTERAR" on the blade. Bernard and Oskar Liberg of Rosenfors, Sweden made plane blades (http://www.vintagecorkscrewcenter.com/some-famous-corkscrew-makers/the-story-of-bernard-and-oskar-liberg,-rosenfors-sweden-12232249).		
22211T29 Combination plow and beading plane	DTM	TT
Grey cast iron, tempered alloy steel, steel blades, brass nuts, with a wooden handle, 11" long, 1/8" straight cutter, signed "No 45" "STANLEY" "RULE & LEVEL CO" "NEW BRITAIN CONN." "USA" and "TRADE45MARK" on fence. Part of the Robert Sullivan Collection donation. http://www.davistownmuseum.org/bioStanley.html		

		Status	Location
83102T3	Combination plow and beading plane	DTM	MH
<p>Grey cast iron, tempered alloy steel, steel blades, stored in an oak box, 12" long, 5 7/8" wide box, 10 1/4" long plane, signed "Stanley No 45".</p> <p>This plane was owned by a New Bedford, MA, shipwright and boat builder. It was never used; all the parts are like new with the blades in the original box. Other box contents: 18 blades and depth stops, adjustable cam, extra fence extension, 2 1/2" long screwdriver for adjusting the depth stops, torn directions, and a small tool catalog. One of the illustrations on the catalog shows a newly designed frog on a smooth plane with a 1902 patent date. This dates the catalog to 1902 - 1908. This plane is a survivor from the twilight of New England's maritime era.</p> <p>http://www.davistownmuseum.org/bioStanley.htm</p>			
22211T26	Compass plane	DTM	TT
<p>Grey cast iron, tempered alloy steel, steel blade, 10" long, 4 1/2" x 2 3/8", signed "No 113" on body, "STANLEY RULE & LEVEL Co." on the knob, "STANLEY" and "MADE IN U.S.A." on the plane blade with the sweetheart logo (SW in a heart).</p> <p>Part of the Robert Sullivan Collection donation.</p> <p>http://www.davistownmuseum.org/bioStanley.html</p>			
12714T1	Compass plane	DTM	MH
<p>Wood (beech), steel, 15" long, 3 1/4" wide, 2" tall, signed "SANDUSKY TOOL CO SANDUSKY OHIO WARRANTED".</p>			
31808PC5	Compass plane	DTM	MH
<p>Grey cast iron, cast steel blade, brass trim, and wood, 8 3/4" long, 1 3/4" wide blade, signed "MOULSON BROTHERS" "WARRANTED" and "CAST STEEL" trademark on the blade.</p> <p>Moulson Brothers of England's working dates were 1824 - 1912.</p>			
082015LTC1	Dado plane	DA	TT (Pub)
<p>Cast iron, steel, 9 7/8" long, 3/4" wide, 4 1/2" tall, signed WINCHESTER TRADE MARK NO 9062.</p>			
7712LTC4	Dado plane	DA	TT (Pub)
<p>Grey cast iron, japanned finish, steel blade, 9 3/4" long, 7/8" wide, 4 3/4" high, 3/8" wide blade, signed "No 39. 3/8 In STANLEY". This is Stanley's number 39 dado plane with a "sweetheart" mark, indicating a manufacturing date of 1923-1932. Courtesy of Liberty Tool Company.</p> <p>http://www.davistownmuseum.org/bioStanley.htm</p>			
2713LTC3	Double low angle block plane	DA	TT (Pub)
<p>Grey cast iron, steel, japanned finish, rosewood knob, 8" long, 2 1/16" wide, 1 5/8" wide blade, signed "STANLEY" "No. 130".</p> <p>http://www.davistownmuseum.org/bioStanley.htm</p>			
72812LTC2	Fillister and rabbet plane	DA	TT (Pub)
<p>Cast grey iron, 10 1/2" long, 5" wide, 5 1/4" high, signed "Stanley No. 289" "PAT'S 6-7,&8-23-10".</p> <p>Courtesy of Liberty Tool Company.</p> <p>http://www.davistownmuseum.org/bioStanley.html</p>			
31808SLP3	Fillister plane	DTM	TT
<p>Wood (beech), steel blade, brass fittings, 9 5/8" long, signed "AUBURN TOOL CO" and "AUBURN, NY".</p> <p>Auburn Tool Co.'s working dates were 1864 - 1893. They used many other names on their markings. DATM (Nelson 1999) indicates this might be Empire Tool Co. or Owasco Tool Co. Gray and Dudly were hardware dealers who marked planes made by Auburn.</p> <p>http://www.davistownmuseum.org/pics/31808slp3-2.jpg</p> <p>http://www.davistownmuseum.org/pics/31808slp3-1.jpg</p>			
22211T25	Fillister rabbet plane	DTM	TT
<p>Drop-forged grey cast iron, steel blade, 10" long, 2 1/4" x 1 1/2", signed "STANLEY" "No. 78" and "MADE IN U.S.A.". The plane blade is also marked "STANLEY" and "MADE IN U.S.A." Part of the Robert Sullivan Collection donation.</p> <p>http://www.davistownmuseum.org/bioStanley.html</p>			

		Status	Location
102512T23	Fore plane	DTM	TT
<p>Wood body, Swedish steel cutting edge, 18" long, 2" wide, 2" high, 5" long and 1 3/8" wide blade, signed "B & O LIBERG" "ROSENFORS" "GARANTERAR".</p> <p>This maker is Bernard and Oskar Liberg of Rosenfors, Sweden, who began making corkscrews, knives, axes, and plane irons in 1861. For more information go to (http://www.vintagecorkscrewcenter.com/story-of-some-famous-corkscrew-makers/the-story-of-bernard-and-oskar-liberg,-rosenfors-sweden-12232249). Courtesy of Liberty Tool Co.</p>			
21315T1	Gutter plane	DA	TT (Pub)
<p>Wood (beech), cast steel, 2" edge, 16" long, 6" tall, 2 3/8" wide, signed "MOULSON BROTHERS WARRANTED CAST STEEL" (on blade), "DREW WARRANTED" (on chip breaker).</p> <p>http://www.davistownmuseum.org/bioDrew.htm</p>			
2713LTC2	Horned scrub plane	DA	TT (Pub)
<p>Wood (beech, hornbeam), steel, brass, 9 1/2" long, 1 15/16" wide, 32 mm wide blade, signed "ULMIA QTT" "Made in Germany" "SCHUTZ ULMIA MARKE OTT" "33 m/m".</p>			
8180T7	Howell	DTM	MH
<p>Wood (beech), steel, 13 1/2" long, 6 1/2" wide, 3 1/4" thick, unsigned.</p>			
22211T35	Jack plane	DTM	TT
<p>Drop-forged malleable iron, wood bottom, brass fittings, steel blade, 15" long, 2 3/4" wide, 1 1/2" high, 2" wide blade, signed "BAILEY" on the body and "STANLEY" on the plane blade.</p> <p>This is a Stanley No. 5 jack plane. Part of the Robert Sullivan Collection donation.</p> <p>http://www.davistownmuseum.org/bioStanley.html</p>			
7512LTC1	Jack plane	DA	TT (Pub)
<p>Grey cast iron, wood (rosewood), brass knobs, japanned finish, 14" long, 2 7/16" wide, 5 1/4" tall, 2" wide cutting edge, signed "STANLEY" "No. 5" "MADE IN U.S.A.". </p> <p>This is a standard Stanley No. 5 metal bench plane. Courtesy of Liberty Tool Company.</p> <p>http://www.davistownmuseum.org/bioStanley.html</p>			
22211T34	Jack plane	DTM	TT
<p>Drop-forged grey cast iron, wood bottom, brass fittings, steel blade, 15" long, 2 5/8" wide, 1 1/2" high, 2" wide blade, signed "BAILY" on the body and "STANLEY" "MADE IN USA" on the plane blade.</p> <p>Part of the Robert Sullivan Collection donation.</p> <p>http://www.davistownmuseum.org/bioStanley.html</p>			
TJE4002	Jointer plane	LPC	MH
<p>Grey cast iron, cast steel blade, 22" long x 5 1/2" high x 2 3/4" wide, signed "The Birmingham Conn Plane MFG. Co".</p> <p>It is a No. 7 size, but the size is unmarked.</p>			
7512LTC2	Jointer plane	DA	TT (Pub)
<p>Grey cast iron, wood (rosewood), brass knobs, japanned finish, 22" long, 3" wide, 5" tall, 2 3/8" wide cutting edge, signed "STANLEY" "No. 7" "MADE IN U.S.A.". </p> <p>This is a standard Stanley No. 7 metal bench plane. Courtesy of Liberty Tool Company.</p> <p>http://www.davistownmuseum.org/bioStanley.html</p>			

	Status Location
112806T1 Jointer plane	DTM MAG-3

Malleable iron, rosewood handle and knob, and brass adjustment nut, 23 1/2" long, 2 15/16" wide, signed on the brass adjustment nut "Patented Aug 3, 1875".

This is one of the most interesting planes in the Davistown Museum collection. The day before its purchase from a Civil War period Somerville, MA, workshop, it was dropped on a cement floor and broken in half by its owner. When purchased, this broken plane was missing its lever cap and blade. Other than its rarity, its significance lies in the fracture of the metal frame of the plane. The appearance of the metal structure of the plane is that of white cast iron, much coarser than the fracture exhibited along the cleavage lines of the many chipped and broken malleable iron planes that turn up in every tool chest. The distinctly white fracture of the iron in this plane suggests that during its manufacture, some mishap occurred in the annealing process, which resulted in a failure of transition from rapidly cooled white cast iron to correctly annealed malleable grey cast iron. This metallurgical failure, along with the new designs for plane frogs and adjustment mechanisms being introduced by Leonard Bailey at this time, may explain both the rarity of this tool and its failure to become widely used. Extensive discussion and illustration of the Bailey Tool Company's products (Woonsocket RI, 1872 - 1879, Seldon A. Bailey, president - no relationship to Leonard Bailey) is contained in Volume I, pg. 61 - 68 of Roger K. Smith's (1960) Patented Transitional and Metallic Planes in America, 1827 - 1927. Smith makes this comment about the recent history of the design of this particular piece: "A design variation of this plane eliminated the cap screw adjustment for the iron but incorporated the cutter adjustment as patented by David F. Williams, No. 166,240 on August 3rd, 1875... the lever clamp device [on the earlier planes] was soon replaced with a screw held cap, which was also specified in William's 1875 patent." (pg. 65). Smith notes in 1879 the Bailey Tool Company was absorbed by the Bailey Wringing Machine Company and in January of 1880 by the Stanley Rule and Level Co. The Bailey Tool Company planes manufactured in Woonsocket, MA, can often be clearly distinguished from the planes Leonard Bailey designed for the Stanley Rule and Level Co. by the large letters cast into their ornate lever caps (BAILEY TOOL CO). Bailey Tool Co. planes are now fairly uncommon and were produced in much smaller quantities than those designed by Leonard Bailey for the Stanley Rule and Lever Co. This tool is available for hands on examination in the Center for the Study of Early Tools first floor tool cataloging area.

7216LTC1 Jointer plane		DA TT (Pub)
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Cast iron, steel, brass, rosewood, 23 3/8" long, 2 15/16" wide, unsigned.
This appears to be the body to a Seldon Bailey No. 7 jointer plane without the blade and lever cap.

6312LTC6 Match plane		DA TT (Pub)
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Grey cast iron, nickel plated finish, 9" long, 1 1/2" wide, 5" high, signed "STANLEY" "PAT'D JAN 20-03" "7/8 INCH" "No 148".
Courtesy of Liberty Tool Co.

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

22211T32 Molding plane		DTM TT
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Wood (beech), steel blade, 9 1/4" wide, 3 3/8" x 2", plane blade 1 1/2" contour, signed "S. DALPE" "BOXTON POND".
S. Dalpe was a prominent Quebec planemaker in the second half of the 19th century. Part of the Robert Sullivan Collection donation.

31811T3 Molding plane		DTM TT
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Wood, 10 1/2" long, 2" wide, 1 3/4" high, signed "AYMAR".
This plane is damaged, the front has been sawed off. It has a radius iron design. Aymar may be the owner's name.

31811T4 Molding plane		DTM TT
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Wood (beech), steel blade, 10" long, 1 7/16" wide, 3" tall, signed "FANNING" with an obscured word underneath it and "N. PACK" owner signature.

22211T31 Molding plane		DTM TT
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Wood (beech), steel blade, 10" wide, 3 1/2" x 2 1/4", unsigned.
It cuts a 1 7/8" concave radius. Part of the Robert Sullivan Collection donation.

22211T33 Plane		DTM TT
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Lignum vitae body and cast steel plane blade, 9" wide, 2 1/4" x 2 1/4", plane blade 1 7/8", signed "MOULSON BROTHERS" "WARRENTED" "CAST STEEL" on the blade and "ATR" owner's mark three times in a circle on the body..
Part of the Robert Sullivan Collection donation.

31808SLP5 Plane		DTM TT
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Wood (beech), steel blade, 9 1/4" long, 1/4" wide cutting edge, unsigned.
This plane has two double bead curved cutters.

<http://www.davistownmuseum.org/pics/31808slp5-1.jpg>

<http://www.davistownmuseum.org/pics/31808slp5-2.jpg>

		Status	Location
30311T8	Plane blade	DTM	TT
Tool steel, 7 3/4" long, 2 3/8" wide, signed "FORSMAN" "TOOL MFG CO" "QUINCY MASS". DATM (Nelson 1999, 397) lists Horsman Tool Mfg. Co. of Quincy, MA as making plane irons with no dates.			
51217T2	Plane iron	DTM	TT
Cast steel, 7 1/2" long, 1 1/8" wide, 1/2" thick, signed "BUCK BROTHERS WARRANTED CAST STEEL".			
31808SLP10	Plow plane	DTM	TT
Wood (beech), cast steel blade, brass fittings, 8 3/4" long, 1/4" wide cutting blade, signed "3" "WARRANTED" "CAST STEEL" and on the wood "C.F.W". http://www.davistownmuseum.org/pics/31808slp10-2.jpg http://www.davistownmuseum.org/pics/31808slp10-3.jpg			
32708T54	Plow plane	DTM	MH
Wood (beech), steel blades, brass fittings, 8 1/2" wide with 1 1/4" and 1/4" wide blades, signed "HILDICK" on the wide blade and "DICK" on the small blade. DATM (Nelson 1999, 382) reports on a family of Hildicks working from 1860-1879 (Aaron, I & H, John, and R). http://www.davistownmuseum.org/pics/32708t54-1.jpg http://www.davistownmuseum.org/pics/32708t54-2.jpg			
10112LTC1	Plow plane	DA	TT (Pub)
Cast iron, cast steel, japanned finish, 9 3/4" long, 5 1/2" tall, 1" wide, unsigned. This unusual plow plane was patented by Russell Phillips, who was originally from Gardiner, Maine, and worked out of Boston in the 1870s.			
42607T7	Plow plane blade	DTM	MH
Cast steel, 8 1/2" long, 5/8" wide, signed "Humphreysville Mfg. Co. Warrented Cast Steel". Humphreysville Mfg. Co. is listed as being in Seymour, CT (1852 - 1904). This is probably a Civil War period blade. Is this cast steel imported from England or made in the USA (Pittsburg)?			
7602T1	Razee Plane	LPC	MH
Ebony with cast steel blade, 22" long, 2 5/8" wide, 1 7/8" wide blade, signed "Made by P Marshall" on the toe and "Buck Brothers Warranted Cast Steel" on the blade. This plane was one of three in a collection of tools formerly owned by a ship caulker who worked in the 19th century in the shipyards of Boston and Chelsea. It was found with associated caulking tools in a dark corner of 3 Derby, Chelsea, June 2002 by the Liberty Tool Co. http://www.davistownmuseum.org/pics/7602t1-1bw_web.jpg http://www.davistownmuseum.org/bioBuckBrothers.html			
102314T1	Rounder set	DA	TT (Pub)
Wood (hickory), steel, 5 3/8" long, 2 1/4" diameter to 8 1/2" long, 3" diameter, unsigned. This set of six tools are also called "round planes" or "round shaves" and are used by wheelwrights.			
6312LTC9	Router	DA	TT (Pub)
Grey cast iron body, nickel plated finish, hardwood handles, cast steel blade, 7 5/8" long, 4 1/2" x 3 3/4", signed "STANLEY No 71 MADE IN U.S.A.". Courtesy of Liberty Tool Co. http://www.davistownmuseum.org/bioStanley.htm			
22211T28	Scraper plane	DTM	TT
Grey cast iron, steel blade, brass nuts, with a wooden tote and handle, 9" long, 3 1/2" wide, signed "No 112" on body. This is a Stanley No. 112 plane. Part of the Robert Sullivan Collection donation. http://www.davistownmuseum.org/bioStanley.html			
71517LTC1	Scraper plane	DA	TT (Pub)
Cast iron, steel, 11 1/4" long, 1 5/8" wide, 3 1/4" tall, signed "S.C. TATUM & Co PAT JUN 10 '84".			

	Status	Location
31808SLP12 Side rabbet plane	DTM	TT
<p>Grey cast iron with nickel-plating, 5 1/4" long, 1/2" wide cutting blade, signed "NO 79" "STANLEY" and "MADE IN USA". http://www.davistownmuseum.org/pics/31808slp12-2.jpg http://www.davistownmuseum.org/bioStanley.htm</p>		
81212LTC9 Side rabbet plane	DA	TT(pub)
<p>Cast iron, wooden (rosewood) knob, 4" long, 1 7/8" tall, 1 5/8" wide, signed "No 98" "STANLEY". This is Stanley's No. 98 side rabbet plane. Courtesy of Liberty Tool Company. http://www.davistownmuseum.org/bioStanley.htm</p>		
42904T9 Smooth plane	DTM	MH
<p>Grey cast iron, steel blade, rosewood handles and knobs, brass adjustment knob, 9 1/2" long, 2 1/2" wide, 5" high, signed "BAILEY" "No 4" "PAT'D" "MAR-25-02" "AUG-19-02". This is a nice example of a Stanley smooth plane at their peak of production. http://www.davistownmuseum.org/bioBaily.html</p>		
TJE4001 Smooth plane	LPC	MH
<p>Gray cast iron, cast steel, wood (rosewood), 8" long, 4 3/4" high, 2 1/8" deep, signed "The Standard Rule Co. Patented Oct. 30, 1883 _ntonville, Conn". http://www.davistownmuseum.org/pics/TJE4001.jpg</p>		
52216LTC1 Smooth plane	DA	TT (Pub)
<p>Steel, rosewood, brass, 11" long, 2 9/16" wide, 5" tall, 2 1/8" edge, signed "ROBT SORBY WARRANTED CAST STEEL,**EX R MATHIESON & SONS STEEL GLASGOW".</p>		
101400T4 Smooth plane	LPC	MH
<p>Rosewood, cast steel blade, 4 5/8" long, 1 1/2" wide, with a 15/16" wide blade, signed on blade "Jacob Reisser New York". The blade maker is not listed in DATM (Nelson 1999). This is an exquisite late 19th century plane.</p>		
TAL1001 Smooth plane	LPC	MH
<p>Drop-forged steel and wood, 2" long, signed "STANLEY NO. 2". Loaned to the Museum by Thom McKee. http://www.davistownmuseum.org/bioStanley.htm</p>		
82215LTC3 Stanley 141 bullnose combination plane	DA	TT (Pub)
<p>Cast iron, steel, rosewood, brass, japanned finish, 10" long, 6 1/2" wide, signed STANLEY RULE & LEVEL CO. PAT. MAY 18 1886.</p>		
122912LTC1 Stanley no. 43 adjustable plow plane	DA	TT (Pub)
<p>Cast gray iron, brass, wood (rosewood), 10 1/2" long, 6 1/2" wide, 5 1/4" high, signed "STANLEY RULE & LEVEL CO." and on slitter "PAT OCT. 24,82". http://www.davistownmuseum.org/bioStanley.htm</p>		
81212LTC10 Tailed block plane	NOM	TT (Pub)
<p>Cast iron, japanned finish, steel blade, 4 3/4" long, 1 1/4" wide, 2" tall, 1" wide cutter, signed "STANLEY SW". This pattern was used between 1923 and 1932. http://www.davistownmuseum.org/bioStanley.htm</p>		
6312LTC8 Tongue and groove plane	DA	TT (Pub)
<p>Gray cast iron body, nickel plated finish, rosewood handle, cast steel blade, 11" long, 1 3/4" wide, signed "STANLEY No 48". This plane has a swinging fence. Courtesy of Liberty Tool Co. http://www.davistownmuseum.org/bioStanley.htm</p>		
91914T11 Toted match plane	DTM	TT
<p>Wood (beech), steel, 12 1/2" long, 1 3/4" wide, 6 1/4" tall, unsigned.</p>		

91414T1	Transitional plane	Status	Location
		DTM	MH

Beech wood, rosewood, cast iron, steel, 9" long, 2 1/2" wide, 5" tall, signed "GAGE TOOL CO VINELAND N.J.". This tool was donated by W.F. Howe.

22211T27	Veneer scraper	DTM	TT
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Grey cast iron, steel blade, brass fittings, wooden handle, 6 1/4" long, 3 1/2" wide, 3" high, 11" wide handle, signed "No 12" on body, "STANLEY RULE & LEVEL Co." "NEW BRITAIN, CONN USA" on the knob. Part of the Robert Sullivan Collection donation.

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

12112T3	Wooden jointer plane	DTM	MH
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Wood (beech), cast steel, 21 1/2" long, 3 1/4" wide, 6 1/2" tall, 2 1/2" cutting edge, signed "J.L. LEE". The mark is probably an owner's mark as it appears several times and upside down.

112314T1	Wooden print block maker's plane	DA	TT (Pub)
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Cast iron, steel, 11" long, 2 5/8" wide, 5 1/2" tall, signed "X104".

Woodworking: Planes Made in Maine

52408T1	Bench plane	DTM	MH-O
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Tiger maple, steel blade, 13.5" long, 2.5" wide, 6.5" high, unsigned. Made by Leon Robbins of Crown Plane in Bath, Maine.

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

42607T3	Convex block plane	DTM	MH
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Wood (beech) with an iron and cast steel blade, 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>

030206T1	Evan's circular plane	DTM	MH
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Grey cast iron, steel blade, 10 " long, 4 1/8" high, 2" wide, unsigned. This plane is identical in appearance to planes made from the Evans Patent Jan. 28, 1862 (no. 34,248) March 22, 1864 (no. 41,983), but is not marked. George F. Evans of Norway, Maine filed the patent. Most planes made with this patent were by R. H. Mitchell & Co. of Hudson, NY. Prior to them purchasing the patent, some were made by Darling & Schwartz of Bangor, Maine. The Mitchell Co. soldered a brass nameplate to the side and perhaps this is missing? Some were also sold with paper labels (Smith 1960, vol. I pg. 145-6; vol II, pg. 156).

http://www.davistownmuseum.org/pics/030206t1_p1.jpg

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

TJE1001	Evan's circular plane	BDTM	MH
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Malleable cast iron, cast steel blade, 10 3/8" long, 2 3/16" wide, with a 1 5/8" wide blade, signed "Moulson Brothers cast steel" on the blade.

One of the earliest of American-made circular planes, this Maine-made tool pre-dates most Stanley Rule and Level Company circular planes. It is noteworthy that while this tool was produced either in Norway, ME or Hudson, NY, the blade was produced in England, reflecting the continued U.S. reliance on imported British edge tools as late as c. 1870. See the Registry of Maine Toolmakers (Brack 2008) for the entry on George F. Evans, who worked 1862 - 1864.

<http://www.davistownmuseum.org/pics/TJE1001.jpg>

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

70701T6	Molding plane	DTM	MH
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Wood, steel blade, 8" long, 1/4" diameter blade, signed "Use this tool for fitting BURROWES Patent sliding screens. E.T. BURROWES CO., MANUFACTURERS, PORTLAND MAINE".

Also on the side of the plane is printed "If screens do not run easily groove or follow groove a little with this plane". Burrowes made screens, and planes for use in their installation, from 1878-1928.

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

Woodworking: Planes Made in Maine (Contemporary)

Davistown Museum Inventory of Tools - Industrial Revolution - Other

Woodworking: Planes
Made in Maine
(Contemporary)

52408T7 **Bench plane**

DTM MH-O

Wood (three hardwood types), steel blade, 4 3/4" long, 1 3/4" wide, 2 3/4" high, signed "L.R." over a flying bird inside a shield on one end and a crown inside a horseshoe on the other end.

It was made by Leon Robbins of Crown Plane Co. in Bath, Maine.

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

103102T1 **Bench plane**

DTM MH

White bronze with rosewood handles, 6" long, 1 1/2" wide, 3 1/2" high, blade is 4 1/2" high, 1 1/4" wide, signed "LIE-NIELSEN USA" on blade and "Lie-Nielsen" "USA" "2002" "No 1" on base of plane.

This plane is modeled after a No. 1 Stanley; No. 284 of 500 produced.

<http://www.davistownmuseum.org/pics/103102t1.jpg>

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

52408T3 **Coffin plane**

DTM MH-O

Etched maple, steel blade, 8 3/4" long, 2 1/2" wide, 4 3/4" high, signed "Buck Brothers" on the blade.

This plane was made by Leon Robbins of Crown Plane in Bath, Maine. The blade was made by Buck Brothers of Millbury, MA.

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

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

52408T5 **Coffin plane**

DTM MH-O

Wood (maple), steel blade, 11" long, 2 1/2" wide, 5 1/4" high, unsigned.

It was made by Leon Robbins of Crown Plane Co. in Bath, Maine. It has stripes burned into the wood and a hand-etched curly pattern.

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

90502T1 **Coffin plane**

DTM MH

Wood (curly maple), steel blade, 8 1/4" long, 2 1/8" wide, 2 1/2" high, 1 3/4" wide blade, signed on the wood "J W" with a crown emblem, 2002.

This plane and its blade was made special for the Davistown Museum by Jim White of Crown Plane Co. in S. Portland, Maine. It is the museum's only specimen from this planemaker.

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

41302T1 **Convex block plane**

DTM MHC-K

Wood (type unknown) with steel blade, 4 1/2" long, 2 3/16" wide, signed "L.R." with a crown touchmark, c. 1990.

This is the handiwork of Leon Robbins, Crown Plane Co., Bath, Maine, now operated by Jim White in South Portland, ME.

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

52408T8 **Hollowing plane**

DTM MH-O

Wood (tiger maple with maple core), steel blade, 9" long, 3/4" wide, 5 1/2" high, signed "LR" over a crown.

It was made by the late Leon Robbins, founder of Crown Plane of Bath, Maine.

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

52408T2 **Molding plane**

DTM MH-O

Wood (tiger maple), steel blade, 9 3/4" long, 6" high, 1 1/4" wide, unsigned.

It was made by Leon Robbins of Crown Plane in Bath, Maine.

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

112508T1 **Scrub plane**

DTM MH-O

Wood, steel blade, 5 7/8" long, 1 23/32" wide, 3 1/4" tall with cutter, and 1 11/32" cutting edge, signed "L.R." with a flying bird inside a shield.

This plane was made by Leon Robbins.

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

6405T5 **Smooth plane**

DTM MH

Wood (curly maple), cast steel blade, 8 1/4" long, 1 1/2" wide, 2" wide blade, signed "L. R." with a crown hallmark, blade signed "W. Greaves & Sons warranted cast steel", c. 1985.

This plane was made by Leon Robbins of Bath, Maine. The blade is a typical 19th century imported Sheffield blade.

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

52408T9 Smooth plane

DTM MH-N

Wood (tiger maple with maple core), 8 3/8" long, 2 5/8" wide, 4" high, signed "L.R." over a crown. It was made by the late Leon Robbins, founder of Crown Plane of Bath, Maine.

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

Woodworking: Saws

92911T15 Backsaw

DTM TT

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".

It's blade stiffener is made of brass. The saw is made of specially tempered cast steel (saw steel).

8612T1 Backsaw

DTM TT

German steel, hardwood, brass rivets, 12" long, 1" wide, 2 1/2" cutting edge, signed "SPEAR GERMAN STEEL".

92911T16 Backsaw

DTM TT

Tempered alloy 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. Silver steel is another variation of tempered alloy steel and may be an early product of the electric arc furnace, which was used to make tool steel beginning in the 1880s.

92911T17 Backsaw

DTM TT

Cast steel, wooden handle, 18" long blade, 14" long cutting edge, 3 1/2" wide, signed "I COLBECK" "CAST STEEL".

We have heard from one other person who has a backsaw marked "I COLBECK". This mark could be "J COLBECK". Erwin Schaffer's "Saw Makers of North America" lists Colbeck as American, with no known information.

2213T3 Backsaw

DTM TT

Spring steel, cast steel, wood (rosewood), 18 1/2" long, 14 1/4" long cutting edge, 5" wide, signed "S. JOHNSON CAST STEEL". DATM (Nelson 1999) lists a Samuel Johnson of Jewett, NY as an edge toolmaker.

30311T6 Backsaw

DTM TT

Saw 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 Backsaw

DTM MH

Saw 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 backsaw with a beautiful applewood handle.

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

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

52512LTC3 Buck saw

DA TT
(Pub)

Saw steel, wood (maple), 31" long, 27" cutting edge, unsigned.

Courtesy of Liberty Tool Co.

31602T15 Buck saw

DTM MH

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".

This is an interesting early 20th century Maine buck saw. Donated to The Davistown Museum by Michael Ross.

22311T20 Cabinet saw

DTM TT

Saw steel, 24" long, 12" long handles, 1" wide blade, signed "SCHMIDT PACKSAW" "BY" "CURTIS-STEBBINS" "DENMARK, MAINE".

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

102612T14 Carpenters' saw

DTM TT

Saw steel, wooden handle, 25" long, 4 1/2" wide, signed "68009" on handle, owner's marks "A P" on handle and "Pigeon" using a pencil and cursive script.

This saw was used in work done on the U.S.S. Constitution at 58 High St., Charlestown, MA. The owner was J. A. Pigeon of 38 Cottage St, Tauton, MA.

		Status	Location
102612T15	Carpenters' saw blade	DTM	TT
Saw steel, 18" long, 5 1/2" wide, unsigned. This saw was used in work done on the U.S.S. Constitution at 58 High St., Charlestown, MA. The owner was J. A. Pigeon of 38 Cottage St, Tauton, MA.			
31808PC2	Crosscut saw	DTM	MH
Steel, brass, and wood, 30" long, 25 1/2" long cutting blade, signed "C. H. TUPPER" on handle and "SUPERIOR TEM__ WARRANTEE" on brass. The saw's handle is handmade. This could be C. H. Tupper & Martin who worked in Vermont in 1885.			
7712LTC7	Dovetail saw	DA	TT (Pub)
Saw steel, brass fuller, wooden (beech) handle, 11" long, 3" wide, 6" long cutting edge, signed "WM MARPLES & SONS LTD SHEFFIELD, ENGLAND". Courtesy of Liberty Tool Company.			
41302T3	Hacksaw	DTM	MH
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. This is an uncommon example of an unusual, early Millers Falls hacksaw design. http://www.davistownmuseum.org/bioMillersFalls.htm			
92911T18	Hand saw	DTM	TT
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.			
12813T1	Hand saw	DTM	TT
Spring steel, wood (beech), 24" long, 20" cutting edge, 6" wide, 11 teeth per inch, signed "WHEELER MADDEN & CLEMSON". Wheeler, Madden & Clemson worked out of Middletown, NY from 1860 to 1893 (Nelson 1999).			
12217T3	Hand saw	DTM	TT
Steel, wood, brass, 27 1/2" long, 6 1/2" tall, 7/8" thick, unsigned.			
2213T2	Hand saw	DTM	TT
Spring steel, wood (beech), brass, 24" long, 20" long cutting edge, 5 3/4" wide, signed "USE R. GROVES & SONS SHEFFIELD DOUBLE REFINED SPRING STEEL WARRANTED" "ESTABLISHED 1770" with crown trademark.			
41801T12	Keyhole saw	DTM	MH
Cast steel and brass, 19 1/2" long, 14" blade, signed with an obscured mark on the blade followed by "Warranted 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.			
7712LTC8	Keyhole saw	DA	TT (Pub)
Brass, wooden (beech) handle, 7 1/2" long, 1/2" wide blade, unsigned. Courtesy of Liberty Tool Company.			
12217T2	Nibbed hand saw	DTM	TT
Steel, wood, brass, 30 1/2" long, 7 1/2" tall, 1" thick, signed "R. GROVES & SONS SHEFFIELD WARRANTED".			
913108T28	Saw	DTM	MH
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. Silver steel is another name for saw steel. http://www.davistownmuseum.org/bioDisston.html			
52716T2	Tenon saw	LPC	TT
Cast steel, rosewood, brass, 15" long, 5 1/4" tall, 3/4" wide, signed "WARRANTED J.L. DRAPER CAST STEEL". J.L. Draper worked circa 1870.			

	Status	Location
101312T27 Veneer saw	DTM	TT

Cast iron, cast steel, lacquered wood, 8" long, 2 7/8" edge, signed "DISSTON USA".
<http://www.davistownmuseum.org/bioDisston.htm>

Wrenches

	DTM	MH
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32708T63 **Adjustable box wrench**

Drop-forged steel, 8" long, signed "WAKEFIELD WIZARD" "No 120" "PATENTS PENDING" "IN U.S.A." "AND FOREIGN COUNTRIES" "MADE IN WORCHESTER. MASS U.S.A.". This company's working dates were from 1891 - 1900.
<http://www.davistownmuseum.org/pic/32708t63-3.jpg>
<http://www.davistownmuseum.org/pic/32708t63-1.jpg>

	DTM	TT
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31212T6 **Adjustable nut wrench**

Drop-forged tempered alloy steel, 8" long, signed "W.J. LADD No. 77 NEW YORK". This is similar to a Coes patent nut wrench. Courtesy of Liberty Tool Co.

	DTM	MH
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52603T23 **Adjustable pipe wrench**

Drop-forged steel, wood (rosewood), 7 1/4" long, signed "F.E. WELLS & SON CO." "GREENFIELD MASS. USA" "8" "2ND". "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>)

	DTM	TT
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121412T18 **Adjustable pipe wrench**

Cast steel, red paint, 13" long when closed all the way, signed "RIDGID HEAVY DUTY 1" "THE RIDGE TOOL CO. ELYRIA, OHIO U.S.A." "ALLOY STEEL". This company, which uses the Ridgid brand, began in 1923 and is still in operation (<http://www.ridgid.com/>).

	DTM	TT
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32016T1 **Adjustable pipe wrench**

Steel, 13" long, 2 3/4" tall, 1 1/4" thick, signed "BOYNTON'S PATENT". This is E.S. Boynton's 1887 patent adjustable pipe wrench.

	DA	TT (Pub)
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7612LTC2 **Adjustable tractor nut wrench**

Drop-forged grey cast iron, 8 3/8" long, 2 1/2" wide, 3/4" thick, signed "78G, IHC". This wrench was made by International Harvester Company for servicing their agricultural machines. Courtesy of Liberty Tool Company.

	DTM	TT
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072512T1 **Adjustable wrench**

Drop-forged iron and steel, 5" long, 1 1/2" wide, 7/16" thick, signed "Billings & Spencer Co." "Hartford, Conn" and "B" in a triangle; "C. E. Billings" "Pat'd Feb. 18th 1879"; also "B" on the bottom section. Charles Billings was issued patent 212,298 for an improvement in wrench design. View it here: <http://www.google.com/patents?id=UJdOAAAAEBAJ&printsec=frontcover&dq=Feb.+18+1879+Billings&source=bl&ots=xnN2JWONAH&sig=CiThXq-dPeZ90tctjxTMrdFlo8&hl=en&sa=X&ei=sS4QUN3WKaaW0QX2yIDIAQ&ved=0CDEQ6AEwAA>.
<http://www.davistownmuseum.org/bioBillingspencer.html>

	DTM	MH
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111206T2 **Adjustable wrench**

Forge-welded and drop-forged 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.

	DTM	MH
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TCZ1002 **Adjustable wrench**

Drop-forged steel, 6" long, signed "BUFFALO" and "BARCALO" and marked "6". It has a "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.
<http://www.davistownmuseum.org/pics/tjg1001a.jpg>

		Status	Location
TCZ1003	Adjustable wrench	DTM	MH
<p>Drop-forged steel, 8" long, signed "ROBINSON" and "DROP FORGED STEEL". Robinson is listed in DATM (Nelson 1999, 665) as a wrench-maker with a patent of June 16 1885. Squire Robinson lived in Southington, CT when the patent was issued. A copy of the patent is here: http://www.google.com/patents?id=cmBdAAAAEBAJ&pg=PA1&dq=June+16+1885+robinson&hl=en&sa=X&ei=SMOWT_F2qd7pAdX72LcO&ved=0CDQQ6AEwAA#v=onepage&q=June%2016%201885%20robinson&f=false http://www.davistownmuseum.org/pics/tjg1001a.jpg</p>			
TCZ1006	Adjustable wrench	BDTM	MH
<p>Drop-forged steel, 8 3/4" long, signed "PENNEY & THURSTON MECHANICS FALLS ME PAT OCT 11 ____". This is a very uncommon wrench made by a very obscure, yet historically important, Maine wrench-maker not listed in DATM (Nelson 1999). 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 link to see more photographs of this wrench. http://www.davistownmuseum.org/pics/tcz1006p2.jpg http://www.davistownmuseum.org/bioPenney.htm</p>			
62202T6	Adjustable wrench	DTM	MH
<p>Drop-forged 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 http://www.davistownmuseum.org/bioGoodelpratt.html</p>			
TCZ1001	Adjustable wrench	DTM	MH
<p>Drop-forged steel, 6" long, signed "B&C" and "6 IN.". This wrench has an "S" type handle. Bemis & Call Co. manufactured wrenches in Springfield, MA, c. 1860-1875. This tool signals the arrival of the Industrial Revolution and the mass production of tools. http://www.davistownmuseum.org/pics/tjg1001a.jpg</p>			
032203T6	Adjustable wrench	DTM	MH
<p>Drop-forged steel, 5" long, signed "ACME MADE IN USA PAT. FEB 27, 83". 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. http://www.davistownmuseum.org/pics/032203t6_p3.jpg http://www.davistownmuseum.org/pics/032203t6_p2.jpg</p>			
52603T1	Adjustable wrench	DTM	MH
<p>Drop-forged German steel, nickel plated finish, 4 1/2" long, 2" wide, signed "Avaokra".</p>			
52603T38	Adjustable wrench	DTM	MH
<p>Drop-forged steel, 4 1/4" long, signed "HAWKINS DERBY. CT". DATM (Nelson 1999) states that Hawkins Hdw. Mfg. Co. made wrenches patented by William Baxter Dec. 1 1868. A copy of the patent is here: http://www.google.com/patents?id=JW8_AAAAEB&pg=PA2&dq=Baxter+Dec.+1+1868&hl=en&sa=X&ei=MsKWT8bNEu3G6AHuzd3PDg&ved=0CDQQ6AEwAA#v=onepage&q=Baxter%20Dec.%201%201868&f=false</p>			
041505T16	Adjustable wrench	DTM	MH
<p>Drop-forged steel, 8" long, signed "Walworth Company Made in USA" and "WALCO PIPE WRENCH". This is the bottom wrench in the photograph. Walworth was a prolific manufacturer of pipe wrenches. http://www.davistownmuseum.org/pics/041505t15.jpg http://www.davistownmuseum.org/bioWalworth.html</p>			
30202T5	Adjustable wrench	DTM	MH
<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". This is 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 (1993) "American Wrench Makers". http://www.davistownmuseum.org/pics/30202t5.jpg</p>			

Davistown Museum Inventory of Tools - Industrial Revolution - Other

Wrenches

	Status	Location
<p>101400T13 Adjustable wrench</p> <p>Drop-forged steel, 12" long, unsigned. This is a typical S-curved adjustable wrench. http://www.davistownmuseum.org/pics/tjg1001a.jpg</p>	DTM	MH
<p>32708T47 Adjustable wrench</p> <p>Drop-forged steel and wood, 11" long, signed "BEMIS & CALL H & T" and "SPRINGFIELD, MASS USA". This wrench is also marked with two figure 8-like marks. http://www.davistownmuseum.org/pics/32708t47-2.jpg http://www.davistownmuseum.org/bioBemis.html</p>	DTM	MH
<p>041505T20 Adjustable wrench</p> <p>Drop-forged steel, 7 1/4" long, signed "GORDON" "AUTOMATIC" "PAT'D USA". Gordon is listed in DATM (Nelson 1999) with no dates or location. It is not listed in Cope (1993) and Schultz (1989). http://www.davistownmuseum.org/pics/041505t20.jpg</p>	DTM	MH
<p>51201T1 Adjustable wrench</p> <p>Drop-forged steel, 3 3/8" long, signed "J. R. Long Wrench Co. PAT. APR. AKRON, OHIO 17, 1906". This is the patent: http://www.google.com/patents?id=WZJOAAAAEBAJ&pg=PA2&dq=apr+17+1906+long+wrench&hl=en&sa=X&ei=tr6WT_roFJD06AGelf2cDg&ved=0CDQQ6AEwAA#v=onepage&q=apr%2017%201906%20long%20wrench&f=false</p>	DTM	MH
<p>32708T52 Adjustable wrench</p> <p>Drop-forged steel, brass, 6 7/8" long, head 2" long and 1 3/8" wide, signed "EVANS WRENCH CO." "FALL RIVER" "MASS." and "PAT NO. 1728282". The Evans Wrench Company started in 1880. http://www.davistownmuseum.org/pics/32708t52-1.jpg http://www.davistownmuseum.org/pics/32708t52-2.jpg</p>	DTM	MH
<p>52603T12 Alligator wrench</p> <p>Drop-forged steel, 9 3/4" long, signed "MADE IN USA" "TWIN" and with a W in a diamond.</p>	DTM	MH
<p>31908T40 Alligator wrench</p> <p>Drop-forged 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. http://www.davistownmuseum.org/pics/31908t40p4.jpg http://www.davistownmuseum.org/pics/31908t40p1.jpg</p>	DTM	MH
<p>101212LTC4 Alligator wrench</p> <p>Drop-forged steel, 6" long, jaws are 1 1/8" apart, signed "SHAW" "S" "SHAW PROPELLOR CO BOSTON MASS, U.S.A." "DROP-FORGED 6 PAT'D APRIL 26 1910. OTHER PAT'S PENDING". The patent on this wrench belongs to George Bryant of Boston, MA.</p>	DA	TT (Pub)
<p>52603T13 Alligator wrench</p> <p>Drop-forged steel, 8" long, signed "THE S. and T. WRENCH".</p>	DTM	MH
<p>6703T3 Alligator wrench and pipe threader</p> <p>Cast steel, 5 1/4" long, 2" wide, 5/16" thick, signed "1/4" "3/16" "5/16" "MADE IN U.S.A.".</p>	DTM	TT
<p>101312T18 Alligator wrench and screw threader</p> <p>Cast steel, 8" long, 2 1/4" wide, 1" and 1 1/2" jaws, signed "BONNEY VIXEN ALLENTOWN PA. MADE IN U.S.A.". The brand name Vixen was used by Bonney Vise and Toolworks of Philadelphia and Allentown, PA., operating from 1886 to 1910.</p>	DTM	TT
<p>31908T41 Box wrench</p> <p>Drop-forged chromium vanadium steel, 9 3/4" long, signed "11/16 PERFECTION NoP-27 5/8" and on the other side "CHROMIUM VANADIUM". Chromium vanadium is one of the many variants of tempered alloy steel. http://www.davistownmuseum.org/pics/31908t41p1.jpg http://www.davistownmuseum.org/pics/31908t41p2.jpg</p>	DTM	MH

Davistown Museum Inventory of Tools - Industrial Revolution - Other

Wrenches

		Status	Location
TJF1005	Box wrench	DTM	MH
<p>Drop-forged steel, 19 1/2" long, 1 3/8" box, 1/58" box, signed "Hinckley Myers J 602", c. 1900. "The Hinckley-Myers Company operated in Chicago, Illinois as maker of automobile specialty equipment and tools." (http://home.comcast.net/~alloy-artifacts/other-makers-p2.html).</p>			
040103T13	Claw wrench	DTM	MH
<p>Drop-forged steel, 13 1/2" long, signed "LeClaw Wrench Co. Chicago USA Pat'd Feb 6 1912". This is a hefty tool with great sculptural qualities. It's not an early tool, but is too interesting to sell at Liberty Tool Co. http://www.davistownmuseum.org/pics/040103t13_p1.jpg http://www.davistownmuseum.org/pics/040103t13_p3.jpg</p>			
7612LTC4	Combination alligator wrench with thread chasers	DA	TT (Pub)
<p>Drop-forged steel, 8 1/4" long, 2 1/4" wide, 3/8" thick, 1" and 1 3/8" wide jaws, signed "PAT. NO. 720554 PAT'S PENDING" "THE HAWKEYE WRENCH CO. MARSHALLTOWN, IA". This appears to be an example of Hawkeye Wrench Co's combination wrench for model T Ford automobiles. Charles Benesh of Wahpeton, ND's 1903 patent may be viewed here: http://www.google.com/patents/US720554?dq=720554+wrench&ei=rboOUKaiOOTF0QXH-4GAAw. Courtesy of Liberty Tool Company.</p>			
2713LTC5	Combination pipe and nut wrench	DA	TT (Pub)
<p>Cast steel, wood (rosewood), black paint, 12 3/4" long, 4" wide, signed "B&C TRADEMARK" "BEMIS & CALL COMPANY SPRINGFIELD, MASS. MADE IN U.S.A.". http://www.davistownmuseum.org/bioBemis.html</p>			
30202T12	Combination wrench	DTM	MH
<p>Drop-forged steel, 6 3/8" long, 1/8" wide, signed "Ryder's Combination Pat'D Nov 10 1896". Ryder is not listed in DATM (Nelson 1999) or Cope's (1993) "American Wrench Makers". The patent was given to Josiah F. Ryder of Attleborough, MA. The patent may be viewed here: http://www.google.com/patents?id=KZVBAAAAEBAJ&pg=PA2&dq=ryder+nov+10+1896&hl=en&sa=X&ei=EcyWT8mKNsyw8QPvjrXuCQ&ved=0CDQQ6AEwAA#v=onepage&q=ryder%20nov%2010%201896&f=false http://www.davistownmuseum.org/pics/30202t12.jpg</p>			
52712LTC2	Combination wrench and cutter	DA	TT (Pub)
<p>Drop-forged steel, nickel plating, 8 1/4" long, 2 5/8" wide, signed "PAT. JAN. 29 1901". This tool was manufactured by the Hartford Hardware Co. and invented by Edward E. Tryon, Hartford, CT, patent number 667,143 on January 29, 1901. View the patent here: http://www.google.com/patents?id=QKA_AAAAEBAJ&printsec=frontcover&dq=667,143&hl=en&sa=X&ei=ilnST-XhHl3itQbWw8TOBQ&sqj=2&ved=0CDkQ6AEwAg. Courtesy of Liberty Tool Co.</p>			
7712LTC3	Combination wrench and cutter	DA	TT (Pub)
<p>Drop-forged steel, 6 7/8" long, 2 5/8" wide, 1 1/4" thick, unsigned. The patent belongs to Edward Tryon. This wrench is an earlier version of 52712LTC2. Courtesy of Liberty Tool Company.</p>			
913108T21	Crescent wrenches (4)	DTM	MH
<p>Drop-forged steel, 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>			
42912LTC4	Cycle wrench	DA	TT (Pub)
<p>Drop-forged steel, 5" long, signed "DIAMOND No. 10" "Frank Mossberg Co. Attleboro Mass. U.S.A. PATENTED NOV. 13 '00 Mar. 11 '02". The patent may be viewed here: http://www.google.com/patents?id=_i1IAAAAEBAJ&pg=PA2&dq=nov+13+1900+wrench&hl=en&sa=X&ei=ODi1T8e5Klq2-wbx0sXwDQ&ved=0CEQQ6AEwBQ#v=onepage&q=nov%2013%201900%20wrench&f=false. Courtesy of Liberty Tool Co.</p>			

	Status	Location
<p>041403T1 Double jaw buggy wrench</p> <p>Drop-forged steel, wooden handle, 5 3/8" long, unsigned.</p> <p>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.</p> <p>http://www.davistownmuseum.org/pics/041403t1.jpg http://www.davistownmuseum.org/publications/volume10.html</p>	DTM	MH
<p>041505T34 Drain plug wrench</p> <p>Drop-forged steel, 10" long, signed "DROP FORGED" "DRAIN PLUG WRENCH" "MADE IN USA".</p> <p>This is a combination wrench with sockets for up to 3/4 plugs. The maker is not identified.</p> <p>http://www.davistownmuseum.org/pics/041505t34.jpg</p>	DTM	MH
<p>42801T16 Elgin wrench set</p> <p>Drop-forged nickel-plated steel in wood box, signed on box label "Boxed sets of Elgin Wrench & Attachments (etc) Stan Manufacturing Co. Carpentersville ILL, USA".</p> <p>The tools are inscribed "extra jaw 25¢". DATM (Nelson 1999) lists Stan Mfg. as working from 1897 f.</p>	DTM	MH
<p>7612LTC3 Horseshoe calk wrench</p> <p>Cast iron, 7" long, 2 1/4" wide, 3/8" thick, signed "NEVERSLIP NO.1" "5/8" "9/16".</p> <p>Possibly this was made by the Neverslip Calk Co. of New Brunswick, NJ. Or the Neverslip Horseshoe Co. of Boston, MA (Nelson 1999, 570). Horseshoe calks are traction devices screwed into the bottom of a horseshoe, also commonly called shoe studs or screw-in calks. Courtesy of Liberty Tool Company.</p>	DA	TT (Pub)
<p>7712LTC1 Jointed socket wrench with extension</p> <p>Drop-forged steel, 7 1/4" long, 3/4" wide, 1/2" square socket, 3/8" extension, signed "WHEATON" "PATENTED" "7HW" "FEB. 5, 1918".</p> <p>Abram W. Wheaton received patent 1,255,370 for a "self closing faucet and wrench or handle thereof" and assigned it to A.W. Wheaton Brass Works of NJ. View the patent here: http://www.google.com/patents/US1255370?printsec=abstract&dq=FEB.+5,+1918+wheaton&ei=rscOUOaLGqXD0QHkxocYAw#v=onepage&q=FEB.%205%2C%201918%20wheaton&f=false. Courtesy of Liberty Tool Company.</p>	DA	TT (Pub)
<p>6703T35 Locking combination box wrench</p> <p>Cast iron, 8 3/4" long, 1" square closed socket, 3/4" open square socket, signed "1" "HOOD" "PAT'D" (illegible).</p>	DTM	TT
<p>7612LTC1 Multi-socket box wrench</p> <p>Drop-forged steel, 6" long, 1 1/2" wide, 3/8" thick, signed "FITS-ALL * 1/4" TO 1" "TRADE MARK PAT. PEND. RAST PROD. CORP. MADE IN NEW YORK U.S.A.". </p> <p>This box wrench has a novel stepped socket design allowing for a wide variety of bolts to fit each socket. The hex bolt sizes are 15/16", 1 1/16", 3/4", 13/16", 1/2", 3/8", 9/16", and 7/16". Courtesy of Liberty Tool Company.</p>	DA	TT (Pub)
<p>121412T4 Offset crescent wrench</p> <p>Cast steel, wood (rosewood), 6 1/2" long, 1 3/4" wide, signed "THE HD SMITH & CO 6 IN" "PERFECT HANDLE PATENTED".</p> <p>"The H.D. Smith Company was founded in 1855 in Plantsville, Connecticut. The company operated as a foundry and merchant drop-forged, and in the latter role was possibly the first of many such businesses. After 1900 tool production became an important part of the company's business, and their best known products became a line of wood-handle tools sold under the 'Perfect Handle' brand" (http://home.comcast.net/~alloy-artifacts/other-makers-p3.html).</p>	DTM	TT
<p>7612LTC5 Offset six point box wrench</p> <p>Drop-forged steel, 8 1/4" long, 1 3/8" wide, 1 3/4" tall, 1" and 15/16" box ends, signed "OF&CO QUALITY".</p> <p>Courtesy of Liberty Tool Company.</p>	DA	TT (Pub)
<p>7612LTC8 Offset tractor nut combination box wrench</p> <p>Forged steel, 10" long, 1 3/4" wide, 1 1/2" tall, signed "BARCALO-BUFFALO,U.S.A. PATENT No 1,870,612".</p> <p>It has sockets for 5/8" square, 1" six point, 1 3/16" six point, 5/8" eight point, and a 5/16" square male extension. Barcalo Manufacturing began in Buffalo, NY in 1896. Alex de Schebeko's 1932 patent may be viewed here: http://www.google.com/patents/US1870612?printsec=description&dq=1,870,612&ei=jsQOUNqtGYe60QGT24CoDA#v=onepage&q=1%2C870%2C612&f=false. Courtesy of Liberty Tool Company.</p>	DA	TT (Pub)

Davistown Museum Inventory of Tools - Industrial Revolution - Other

Wrenches

	Status	Location
<p>11301T11 Open ended wrench</p> <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>	DTM	MH
<p>31112T25 Open ended wrench</p> <p>Drop-forged steel, 7 1/4" long, 1/2" wide, signed "3/4" C. Drew & Co. 3/4"". Courtesy of Liberty Tool Co.</p> <p>http://www.davistownmuseum.org/bioDrew.htm</p>	DTM	MH3-D2
<p>32708T48 Piano tuning wrench</p> <p>Drop-forged steel, rosewood, 9 1/4" long, 4 1/4" wide, signed "GERMANY". It is probably made of German steel.</p> <p>http://www.davistownmuseum.org/pics/32708t48-2.jpg http://www.davistownmuseum.org/pics/32708t48-1.jpg</p>	DTM	MH
<p>52603T37 Pipe wrench</p> <p>Drop-forged steel, 7" long, signed "WALWORTH COMPANY" "MADE IN USA" "PATENT NO 1711083". This patent belonged to Alphonse O. Brungardt, Scituate, MA, and has to do with the process of making the wrench (http://www.datamp.org/patents/advance.php?id=22386&set=8).</p> <p>http://www.davistownmuseum.org/bioWalworth.html</p>	DTM	MH
<p>041505T15 Pipe wrench</p> <p>Drop-forged steel, 18" long, signed "Walworth Company Made 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 c. 2000 interpretation of this tool. This is the top wrench in the photograph.</p> <p>http://www.davistownmuseum.org/pics/041505t15.jpg http://www.davistownmuseum.org/bioWalworth.html</p>	DTM	MH
<p>93011T9 Pipe wrench</p> <p>Drop-forged steel with wood handle, 7" long, signed "WALWORTH MFG. CO." "BOSTON, U.S.A." and their trademark "REGISTERED STILLSON" in a diamond shape.</p> <p>http://www.davistownmuseum.org/bioWalworth.html</p>	DTM	TT
<p>42801T20 Pipe wrench</p> <p>Drop-forged steel, 7" long when closed, signed "Genuine Stilson Wrench Walworth Mfg. Co. Boston Mass Automobile 8 inch". This is a fine example of a circa 1910-1915 wrench by one of America's most prolific wrench-makers.</p> <p>http://www.davistownmuseum.org/bioWalworth.html</p>	DTM	MH
<p>93011T10 Pipe wrench</p> <p>Drop-forged 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".</p> <p>http://www.davistownmuseum.org/bioWalworth.html</p>	DTM	TT
<p>31811T14 Pocket wrench</p> <p>Drop-forged steel, wood handle, 6 1/2" long, 1 1/2" x 1/2" head, signed "WORCHESTER" with two preceding lines that are obscured.</p> <p>This style of wrench is also called a screw wrench or monkey wrench.</p>	DTM	TT
<p>52016T1 Ratchet</p> <p>Steel, 6" long, 1 3/8" wide, 9/16" thick, signed "PAT JAN 15 1901" "THE BAY STATE".</p>	DTM	TT
<p>11301T8A Ratchet wrench</p> <p>Drop-forged alloy steel, 6 3/4" long, 1/2" diameter socket, unsigned.</p> <p>This is a primitive, single ratchet socket wrench with a simple peened mechanism.</p>	DTM	MH
<p>TCL1001A Ratchet wrench</p> <p>Drop-forged steel, 10 7/8" long, 5/8" ratchet, signed "TRUTH TOOL CO. MANKATO MINN.", c. 1920.</p> <p>This is an unusual wrench. This company began in the early 1900s as Arthur E. Cowden's blacksmith shop in Ellendale, MN and is still operating as Truth Hardware. (https://www.truth.com/main/generalinfo/history.cfm).</p>	DTM	MH

Davistown Museum Inventory of Tools - Industrial Revolution - Other

Wrenches

	Status	Location
<p>6312LTC1 Screw adjusted nut wrench</p> <p>Drop-forged steel, rosewood, 21" long, unsigned. Courtesy of Liberty Tool Co.</p>	DA	TT (Pub)
<p>7512LTC4 Six-way box wrench with square extension</p> <p>Drop-forged steel, 7 1/4" long, 1 1/4" wide, 13/16" thick, signed "CHAMPION No. 175". The wrench has a 7/16" male square extension and the following ends: 1 3/16" six point end, 1" six point end, 13/16" six point end, 13/16" eight point end, 1 1/16" eight point end, and 11/16" eight point end. It was made by International Harvester Company but was never listed in any of their company catalogs. Courtesy of Liberty Tool Company.</p>	DA	TT (Pub)
<p>32412LTC1 Slide adjust pipe wrench</p> <p>Drop-forged steel, 12" long, signed "H & E WRENCH CO. U.S.A. NEW BEDFORD MASS.; PAT. MAR. 27 1923 TRADE HANDE MARK REG. U.S. PAT. OFF.". This "HandE" wrench employs a sliding screw adjustment mechanism. The H & E Wrench company was founded by G.E. Hemphill and E.J. Evans. Courtesy of Liberty Tool Company.</p>	DA	TT (Pub)
<p>7512LTC3 Sliding jaw adjustable wrench</p> <p>Drop-forged steel, 5 7/8" long, 3/8" thick, jaws go from 1/4" to 7/8" wide, signed "DROP FORGED STEEL PATENTED APR 17, 1923 6 IN. NO. 61" "GELLMAN WRENCH CORPORATION ROCK ISLAND ILL. U.S.A. Polly". This wrench design was originally patented in 1921 by I.C. Gellman, patent #1,451,906. This particular example has a badly torqued handle. Courtesy of Liberty Tool Company.</p>	DA	TT (Pub)
<p>22512LTC2 Sliding wedge bicycle wrench</p> <p>Drop-forged steel, 8" long, signed "TRADE MARK FITZALL" (in a diamond) "PATENTED JUNE 9.1908 APR.26.1910" "2B ROGERS PRINTZ & CO WARREN PA." "DROP FORGED STEEL". Information on John R. Long's patent may be viewed here: http://www.datamp.org/patents/search/advance.php?pn=955974&id=14725&set=1. Courtesy of Liberty Tool Co.</p>	DA	TT (Pub)
<p>21812T21 Slip adjust nut wrench</p> <p>Drop-forged steel, 28 5/8" long, 5 1/8" long head, unsigned. The adjustment mechanism is seized.</p>	DTM	TT
<p>42801T19 Socket wrench</p> <p>Drop-forged steel, 4 3/4" long, 1/2" socket, signed "WHR21711". This is an unusual wrench as well as an interesting sculpture object.</p>	DTM	MH
<p>21912T1 Spring adjusted diamond wagon wrench</p> <p>Drop-forged steel, brass spring, 9" long, 1" wide, signed "Reed & Co. Higgauum CT". This wrench was patented by T. H. Remington on May 21, 1878. There is a photo of the patented wrench in Cope (1993, 206). Courtesy of Liberty Tool Co.</p>	DTM	TT
<p>TCZ1004 Stillson wrench</p> <p>Drop-forged steel, 9 1/2" long, signed "RED-HEAD" and "MADE IN U.S.A.", c. 1920 (?). The maker is not listed in DATM (Nelson 1999). There is a modern company named Red Head Brass that makes wrenches for firefighters.</p>	DTM	MH
<p>22612T9 Tap wrench</p> <p>Drop-forged steel, 2 1/2" long, 1/4" diameter, 3" long handle, signed "The Dikeman Mfg. Co. Norwalk, Conn". The Dikeman Mfg. Co., Norwalk, Conn. was founded in 1906 in Norwalk by two bothers, Charles and Joseph, after both had worked in Torrington, Conn at a bicycle factory. Dikeman Mfg made mechanics tools and metal goods. (Bacheller 2000). Courtesy of Liberty Tool Co.</p>	DTM	TT

Davistown Museum Inventory of Tools - Industrial Revolution - Other

Wrenches

		Status	Location
50402T8	Tap wrench	DTM	MH
<p>Drop-forged steel, 7" long, signed "C. E. Billings's PATENT MAY 6 1879. Billings & Spencer Co. Hartford CT USA", "B" in a triangle and owner's signature "A. E. Wright".</p> <p>DATM (Nelson 1999, 86) lists Billings & Spencer as working in Harford from 1873 to 1950. Christopher Spencer was the inventor of the Spencer rifle and Charles Ethan Billings apprenticed with the Robbins & Lawrence Co. Armory in Windsor, VT. For more information go to the American Precision Museum website (http://www.americanprecision.org/).</p> <p>http://www.davistownmuseum.org/bioBillingspencer.html</p>			
8612T2	Tractor nut box wrench	DTM	TT
<p>Malleable cast iron, 6 1/4" long, 13/16" open end, 7/16" closed square end, signed "IRON ACE".</p> <p>IRON ACE is cast into the body of the wrench.</p>			
021812T3	Wagon wheel wrench	DTM	TT-D5
<p>Hand-forged malleable iron, 9" long, unsigned.</p> <p>This is a two ended wrench.</p>			
101212LTC2	Wagon wrench	DA	TT (Pub)
<p>Cast steel, rosewood, 5 1/2" long, 1 3/4" wide, 9/16" thick, signed "DIAMOND WRENCH CO STEEL FORGED PORTLAND, ME.".</p>			
91312T1	Wagon wrench	DTM	MH
<p>Cast steel, wooden (rosewood) handle, 10 1/2" long, 3" long and 1" wide head, 13/16" nut socket, signed "PATT NOV. 2'80 OCT. 16 '83" "DIAMOND WRENCH CO. STEEL FORGED ***RT".</p> <p>Link for the 1880 patent 234,091 of Henry A. Thompson: http://www.google.com/patents/US234091?pg=PA1&dq=nov+2,+1880+thompson&hl=en&sa=X&ei=UCxSUOqYGpHmtQb6nYHwDQ&ved=0CEAQ6AEwBg#v=onepage&q&f=false</p> <p>http://www.davistownmuseum.org/pics/91312T1-2_thumb.jpg</p>			
31808SLP21	Wagon wrench	DTM	TT
<p>Cast iron, 8 1/4" long, unsigned.</p> <p>http://www.davistownmuseum.org/pics/31808slp21.jpg</p>			
42912LTC3	Wagon wrench	DA	TT (Pub)
<p>Drop-forged iron, 4 3/4" long, unsigned.</p> <p>Courtesy of Liberty Tool Co.</p>			
41801T5	Wagon wrench	DTM	MH
<p>Drop-forged iron, wooden handle, brass ferrule, 12" long, takes a 5/8" square nut, signed "PAT. NOV. 2. 80".</p> <p>See wrench ID#: 31908T31 for information on this patent.</p>			
31908T31	Wagon wrench	DTM	MH
<p>Drop-forged iron and steel, brass trim, wooden handle, 10 1/2" long, signed "PAT. NOV. 2, 80".</p> <p>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" (1993, 99). The patent was given to Henry Thompson of Farmington, ME. It may be viewed here: http://www.google.com/patents?id=kGJxAAAAEBAJ&pg=PA2&dq=NOV.+2,+1880+wrench&hl=en&sa=X&ei=KdCWt6iLMYmg0QWb-MCGDg&ved=0CDQQ6AEwAA#v=onepage&q=NOV.%202%2C%201880%20wrench&f=false</p> <p>http://www.davistownmuseum.org/pics/31908t31p2.jpg</p> <p>http://www.davistownmuseum.org/pics/31908t31p2.jpg</p>			
102904T18	Wrench	DTM	MH
<p>Drop-forged steel, 6" long, signed "W.--W. MFG. CO. INC." " WORCESTER, MASS." " PAT 7-9-20".</p> <p>This is an uncommon wrench. This maker is not related to the current W. W. Manufacturing Company, Inc. of Bridgeton, NJ, which began business in 1964.</p> <p>http://www.davistownmuseum.org/pics/102904t18_p1.jpg</p>			
TCZ3001	Wrench	DTM	MH
<p>Steel, 6 5/16" long, signed "A J".</p> <p>This is a combination alligator open ended wrench. It is probably shop made by the owner who used it.</p>			

Davistown Museum Inventory of Tools - Industrial Revolution - Other

Wrenches

		Status	Location
42801T22	Wrench	DTM	MH
<p>Drop-forged alloy steel, 5 1/2" long, signed "1/4 Brake Eccentric Wrench 3/16 Herbrand Van Chrome No. 195 Made in USA". This is an unusual wrench utilizing alloy steel characteristic of tools made beginning in the early 20th century with the advent of electric blast furnaces.</p>			
913108T3	Wrench	DTM	MH
<p>Drop-forged steel, 6 1/4" long, signed "BLUEPOINT" BOXOCKET" "PATENT APPLD FOR" "CHICAGO" and "ILL". Bluepoint is an early mark of the Snap-On Tool Corporation.</p>			
33002T9	Wrench	DTM	MH
<p>Drop-forged alloy 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".</p> <p>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.</p> <p>http://www.davistownmuseum.org/pics/33002t9.jpg http://www.davistownmuseum.org/bioHellerBros.html</p>			
32912T4	Wrench	DTM	TT-46
<p>Drop-forged steel, 11" long, signed "WELLS BROS & CO" "7/16" "1/2".</p> <p>A Wells Bros. Co. located in Greenfield, MA is listed in DATM (Nelson 1999, 840), but this tool does not bear one of the listed marks and appears to be earlier than the 1887 to 1912 operation dates listed. Courtesy of Liberty Tool Co.</p>			
TCZ1003A	Wrench	DTM	MH
<p>Drop-forged steel, signed "DROPPED FORGED STEEL".</p> <p>This is a typical one piece drop-forged tool.</p>			