

Nineteenth-Century Patent Models: Innovation in Miniature

Artifact list

Hagley Museum and Library

(April 25, 2009 – December 31, 2010)

Patent Model - Wood Auger

1114x Patent number

Jul 31 1809

Ezra L'Hommedieu Patentee

Saybrook, CT

Patent Model - Tuning Pianos

7848x Patent Number

Nov 19 1833

John J. Wise Patentee

Baltimore, Maryland

Patent Model - Alcohol Still

9837x Patent Number

Jul 01 1836

Andrew Kerr and Henry Hoover Patentees

Waynesboro, Pennsylvania

Patent Model - Stove

4,559 Patent Number

Jun 06 1846

Henry Slade Patentee

Chelsea, Massachusetts

Patent Model - Stove

4,669 Patent Number

Jul 28 1846

Evens Backus Patentee

Brooklyn, New York

Patent Model - Fan-Chair

6,307 Patent Number

Apr 10 1849

Daniel Linzie Patentee

Petersham, Massachusetts

Patent Model - Life-Boat

10,266 Patent Number

Nov 22 1853

Lawrence F. Frazee Patentee

North Brunswick, New Jersey

Patent Model - Improvement in Hermetical Sealing

11,332 Patent Number

Jul 18 1854

James Spratt Patentee
Cincinnati, Ohio

Patent Model - Furnaces for Locomotives

12,749 Patent Number
Apr 17 1855
O.W. Bayley; Manchester, New Hampshire Patentee
Assignor to the Manchester Locomotive Works

Patent Model - Machine for Making Paper Bags and Envelopes

12,786 Patent Number
May 01 1855
John A. Smith; Clinton, Massachusetts Patentee,
S. E. Pettee; Foxborough, Massachusetts Patentee,
Jas. Arnold Model Maker; Worcester, Massachusetts

Patent Model - Chain-Cable Hook

14,758 Patent Number
Apr 29 1856
Enoch Applegate Patentee
Wilmington, Delaware

Patent Model - Improvement in Boats for Duck-Shooting

17,192 Patent Number
May 05 1857
Robert Bogle Patentee
Rock Hall, Maryland

Patent Model - Artificial Leg

17,888 Patent Number
Jul 28 1857
R.H. Nicholas and Douglas Bly Patentees
Rochester, New York

Patent Model - Refrigerator

19,837 Patent Number
Apr 06 1858
William Ferris, Philip Garrett, and James Megratten Patentees
Wilmington, Delaware

Patent Model - Flat-Iron

21,891 Patent Number
Oct 26 1858
David Lithgow Patentee
Philadelphia, Pennsylvania

Patent Model - Centerboard for Vessels

23,114 Patent Number
Mar 01 1859
Noah Pratt Patentee
Nicholson, Pennsylvania

Patent Model - Improvement in Attaching the Heads of Metallic Powder-Kegs, &c.

24,772 Patent Number

Jul 12 1859

James Wilson, Charles Green, and William Wilson, Jr. Patentees
Wilmington, Delaware

Patent Model - Folding Bedstead

27,299 Patent Number

Feb 28 1860

William C. Lutz Patentee
Jacobs Church, Virginia

Patent Model - Design for Paint Vessels

D 1,237 Patent Number

Apr 24 1860

Washington L. Gilroy Patentee
Philadelphia, Pennsylvania

Patent Model - Construction of Distillers' Mash-Tubs

29,713 Patent Number

Aug 21 1860

David P. Patterson Patentee
Fayette County, Pennsylvania

Patent Model - Washing-Machine

30,331 Patent Number

Oct 09 1860

Andrew F. Lapham Patentee
New York, New York

Patent Model - Lock

32,331 Patent Number

May 14 1861

Linus Yale, Jr. (b.1821, d.1868) Patentee
Philadelphia, Pennsylvania

Patent Model - Improved Sofa, Convertible into a Table, Trunk, Cot, &c.

35,517 Patent Number

Jun 10 1862

John C. Hall Patentee
Cincinnati, Ohio

Patent Model - Improvement in Machines for Rifling Cannons

37,898 Patent Number

Mar 17 1863

Adolphus Bonzano (b.1830, d.1913) Patentee
Detroit, Michigan

Patent Model - Improvement in Boilers

40,157 Patent Number

Oct 06 1863
Clarissa Britain Patentee
St. Joseph, Michigan

Patent Model - Improvement in Explosive Projectiles

40,396 Patent Number
Oct 27 1863
Thomas H. Burrowes Patentee
Chicopee, Massachusetts

Patent Model - Improved Dust-Pan

41,771 Patent Number
Mar 01 1864
Thomas George Harold Patentee
Brooklyn, New York, New York

Patent Model - Improvement in Lantern-Guards

42,520 Patent Number
Apr 26 1864
William Westlake (b.1831) Patentee
Milwaukee, Wisconsin

Patent Model - Improved Knife, Fork, and Pie Crimper

44,699 Patent Number
Oct 18 1864
George D. Bayley Patentee
Boston, Massachusetts

Patent Model - Improvement in Machines for Making Paper Collars

45,621 Patent Number
Dec 27 1864
Thomas McSpedon Patentee
New York, New York

Patent Model - Improvement in Paper-Collar Machines

51,234 Patent Number
Nov 28 1865
George Snow Patentee
Watertown, Massachusetts
Assignor to himself, March Brothers, and Pierce & Co.

Patent Model - Scroll-Biscuit Machine

52,278 Patent Number
Jan 30 1866
Adam Exton Patentee
Trenton, New Jersey

Patent Model - Improved Sofa and Crib

55,265 Patent Number
Jun 05 1866
Elisha E. Everitt Patentee

Philadelphia, Pennsylvania

Patent Model - Improvement in Hat-Blocking Machines

59,707 Patent Number

Nov 13 1866

Seth Boyden (b.1788, d.1870) Patentee

Newark, New Jersey

Assignor to Henry H. Jacques, of same place.

Patent Model - Improvement in Apparatus for Finishing and Boxing Paper Collars

60,484 Patent Number

Dec 18 1866

John J. Currier and Samuel Wells, Jr. Patentees

Boston, Massachusetts

Assignors to themselves and James H. Plaisted.

Patent Model - Improvement in Inhalers

61,008 Patent Number

Jan 08 1867

Ira Holmes Patentee

Moscow, New York

Patent Model - Improved Loaf-Bread Machine

70,971 Patent Number

Nov 19 1867

John D'Arcy Patentee

San Francisco, California

Patent Model - Improved Washing Machine

71,090 Patent Number

Nov 19 1867

Horace Warner Patentee

Lake City, Minnesota

Patent Model - Improvement in Turning-Lathes

75,822 Patent Number

Mar 24 1868

Fredrik Zibell Patentee

St. Louis, Missouri

Patent Model - Improvement in Hat-Conformators

75,760 Patent Number

Mar 24 1868

Benjamin Hogan Patentee

Albany, New York

Patent Model - Improvement in Wagons for Advertising

78,552 Patent Number

Jun 02 1868

George W. Thompson Patentee

New York

Patent Model - Improvement in Cannon

85,491 Patent Number

Dec 29 1868

John A. Terrell Patentee

Bloomfield, Kentucky

Patent Model - Improvement in Governors for Marine and Other Enginry

85,779 Patent Number

Jan 12 1869

Jearum Atkins Patentee - Washington, D.C.

William Applegate Model Maker - Washington, D.C

Patent Model - Improved Brick-Machine

86,853 Patent Number

Feb 09 1869

John McManus Patentee

Pittsburgh, Pennsylvania

Patent Model - Improved Parlor-Bath

89,370 Patent Number

Apr 27 1869

J. Rutherford Worster Patentee

New York, New York

Patent Model - Improved Sad-Iron

89,638 Patent Number

May 04 1869

Julie Dittrich Patentee

Hoboken, New Jersey

Patent Model - Improved Machine for Making Ginger-Snaps and Crackers

91,759 Patent Number

Jun 22 1869

John McCollum and Joseph Parr Patentees

New York, New York

Patent Model - Improvement in Preserving Animal and Vegetable Substances in Transit

94,908 Patent Number

Sep 14 1869

E. R. Norny Patentee

McDonough, Delaware

Assignor to himself and Amos Carlisle, of Philadelphia, Pennsylvania

Patent Model - Improvement in Machine for Drawing and Spinning Wool, &c. from the Carding-Machine

95,580 Patent Number

Oct 05 1869

John Goulding Patentee

Worcester, Massachusetts

Patent Model - Improvement in Combined Bed and Musical-Instrument Board
97,101 Patent Number
Nov 23 1869
John McDonald Patentee
New York, New York

Patent Model - Improvement in Skates
98,437 Patent Number
Dec 28 1869
Augustus B. Smith Patentee
Philadelphia, Pennsylvania

Patent Model - Improvement in Wash-Boilers
98,679 Patent Number
Jan 11 1870
Thomas Evans Patentee
Newark, New Jersey

Patent Model - Improvement in Friction Calender Rolls for Paper
101,532 Patent Number
Apr 05 1870
William H. Soley and George Stites Patentees
Philadelphia, Pennsylvania

Patent Model - Improvement in Organs, Melodeons, Etc.
105,780 Patent Number
Jul 26 1870
Hugh Archibald Clarke Patentee
Philadelphia, Pennsylvania

Patent Model - Improvement in Apparatus for the Manufacture of Nitroglycerin
106,606 Patent Number
Aug 23 1870
George M. Mowbray Patentee
North Adams, Massachusetts

Patent Model - Improvement in Bedsteads and Tables
107,580 Patent Number
Sep 20 1870
George Wilson Patentee
Chicago, Illinois

Patent Model - Improvement in Sun-Stroke Protectors for Head-Coverings
115,894 Patent Number
Jun 13 1871
Hellwig Prevot Patentee
New York, New York

Patent Model - Improvements in Steam-Generators
117,385 Patent Number
Jul 25 1871

George H. Corliss (b.1817, d.1888) Patentee
Providence, Rhode Island

Patent Model - Improvement in Numbering-Machines

118,978 Patent Number

Sep 12 1871

Christopher Latham Sholes; Milwaukee, Wisconsin Patentee
Assignor to James Densmore

Patent Model - Improvement in Electric and Vapor Chairs

119,230 Patent Number

Sep 26 1871

Mary A. Hayward Patentee
Brooklyn, New York

Patent Model - Improvement in Latches for Gates

119,491 Patent Number

Oct 03 1871

Henry D. Alderfer Patentee
Grater's Ford, Pennsylvania

Patent Model - Improvement in Dough-Mixers

123,403 Patent Number

Feb 06 1872

Reuben Kent Patentee
Portland, Maine

Patent Model - Improvement in Washing-Machines

123,426 Patent Number

Feb 06 1872

Henry S. See Patentee
Evansburg, Pennsylvania

Patent Model - Improvement in Magnetic Bath-Tubs

128,094 Patent Number

Jun 18 1872

John R. Anderson Patentee
New York, New York

Patent Model - Improvement in Machine-Guns

130,098 Patent Number

Jul 30 1872

Marshall Wood Patentee
Lewisburg, West Virginia
Assignor to himself and Thomas Mathews, of same place.

Patent Model - Improvement in Paddle-Wheels

133,341 Patent Number

Nov 26 1872

Thomas Shaw (d.1901) Patentee
Philadelphia, Pennsylvania

Patent Model - Improvement in Boom-Saddles and Chafing-Bands for Masts

133,439 Patent Number

Nov 26 1872

William T. Griffenberg Patentee

Wilmington, Delaware

Patent Model - Improvement in Paddle-Wheels

134,620 Patent Number

Jan 07 1873

Thomas G. Walker and Henry H. Holbrook Patentees

New York, New York

Patent Model - Improvement in Fruit-Jar Covers

137,462 Patent Number

Apr 01 1873

John L. Mason (b.1832, d.1902) Patentee

New York, New York

Patent Model - Improvement in Corpse-Preservers

138,449 Patent Number

Apr 19 1873

Peter Taltavull; Washington, D.C Patentee

Assignor to himself and Edward M. Boteler, of same place.

Patent Model - Improvement in Sofa-Bedsteads

138,819 Patent Number

May 13 1873

Charles Rossow Patentee

Chicago, Illinois

Patent Model - Improvement in Machinery for Pebbling and Graining Wet Skins

140,633 Patent Number

Jul 08 1873

Nohnan O. Lounsberry Patentee

Wilmington, Delaware

Patent Model - Improvement in Powder-Kegs

140,913 Patent Number

Jul 15 1873

Charles Green and William Wilson, Jr. Patentees

Wilmington, Delaware

Patent Model - Improvement in Apparatus for Cleaning Cess-Pools, Sinks, &c.

142,840 Patent Number

Sep 16 1873

J. P. Florimond Datichy Patentee

Brooklyn, New York

Patent Model - Improvement in Machines for Waving or Embossing Leather Straps

143,477 Patent Number

Oct 07 1873
Daniel H. Unger Patentee
Philadelphia, Pennsylvania

Patent Model - Improvement in Portable Stoves

145,491 Patent Number
Dec 16 1873
Sarah Jane Dibble Patentee
Lockport, New York

Patent Model - Improvement in Ratchet-Drills

148,002 Patent Number
Feb 24 1874
Josiah Swank Patentee
Delano, Pennsylvania

Patent Model - Improvement in Tongue-Boots

148,309 Patent Number
Mar 10 1874
William Legg Patentee
Piqua, Ohio

Patent Model - Improvement in Reed-Organ Attachments

149,356 Patent Number
Apr 07 1874
Hosea Q. Staples Patentee
Lynn, Massachusetts

Patent Model - Improvement in Organ-Cases

150,017 Patent Number
Apr 21 1874
Levi K. Fuller (b.1841, d.1896) Patentee
Brattleboro, Vermont
Assignor to J. Estey & Co., of same place

Patent Model - Improvement in Machines for Cutting Boot-Legs

152,907 Patent Number
Jul 14 1874
Daniel Lynahan Patentee
Buffalo, New York

Patent Model - Improvement in Screw-Cutting Die-Plates

161,679 Patent Number
Apr 06 1875
Horace Griffing Patentee
New Haven, Connecticut

Patent Model - Improvement in Saw-Gummers

163,163 Patent Number
May 11 1875
Thomas S. Disston Patentee

Assignor to himself and Henry Disston & Sons, of same place.
Philadelphia, Pennsylvania

Patent Model - Improvement in Fluting-Machines

164,272 Patent Number

Jun 08 1875

John E. Donovan Patentee

Cincinnati, Ohio

Patent Model - Improvement in Induction-Coils

166,488 Patent Number

Aug 10 1875

Joseph C. Vetter Patentee

New York, New York

Patent Model - Improvement in Culinary Vessels

167,106 Patent Number

Aug 24 1875

Cornelia O. Line Patentee

Indianapolis, Indiana

Patent Model - Improvement in Invalid-Bedsteads

169,067 Patent Number

Oct 19 1875

Thomas Watson and Robert Kelso Patentees

Philadelphia, Pennsylvania

Patent Model - Improvement in Dress-Protectors for Sewing-Machines

168,848 Patent Number

Oct 19 1875

Elizabeth F. Shaw Patentee

Brooklyn, New York

Patent Model - Improvement in Machines for Sewing Straw Braid

171,774 Patent Number

Jan 04 1876

Mary P. Carpenter Patentee

New York, New York

Patent Model - Improvement in Toy Money-Boxes

180,002 Patent Number

Jul 18 1876

Warren Chrysler Patentee

Lockport, New York

Patent Model - Improvement in Machines for Channeling the Soles of Boots and Shoes

182,434 Patent Number

Sep 19 1876

Louis Goddu (b.1837, d.1919) Patentee,

Boston, Massachusetts

Assignor to the American Cable Screw Wire Company, of same place .

Patent Model - Improvement in Locomotives

183,566 Patent Number

Oct 24 1876

William Holdsworth Patentee

Traverse City, Michigan

Patent Model - Improvement in Machines for Varnishing the Interior of Cartridge-Shells

189,057 Patent Number

Apr 03 1877

Francis A. Pratt (b.1827, d.1902) Patentee

John R. Reynolds Patentee,

Hartford, Connecticut

Assignors to the Pratt & Whitney Company, of same place.

Patent Model - Improvement in Water-Coil Steam-Generators

192,214 Patent Number

Jun 19 1877

George H. Babcock; Plainfield, New Jersey Patentee

Stephen Wilcox; Brooklyn, New York Patentee

Patent Model - Improvement in Door-Springs

194,511 Patent Number

Aug 28 1877

Henry B. and Zenas Cobb Patentees

Wilmington, Delaware

Patent Model - Improvement in Churns

196,170 Patent Number

Oct 16 1877

David H. Vedder Patentee

Cicero, New York

Patent Model - Improvement in Grain-Binders

198,898 Patent Number

Jan 01 1878

Lewis Miller (b.1829, d.1899) Patentee

Akron, Ohio

Patent Model - Improvement in Electro-Galvanic Chairs

199,633 Patent Number

Jan 29 1878

S. Clesson Pratt Patentee

Chicago, Illinois

Patent Model- Clothes-Pounder

199,693 Patent Number

Jan 29 1878

Margaret P. Colvin (b.1828, d.1894) Patentee

Battle Creek, Michigan

Patent Model - Improvement in Canister-Shot

200,876 Patent Number

Mar 05 1878

Addison H. Sawyer Patentee

Athol, Massachusetts

Patent Model - Improvement in Machines for Forming Pottery-Ware

201,907 Patent Number

Apr 02 1878

Conrad Breitschwerth; Syracuse, New York Patentee

John Hughes, Auburn, New York Patentee

Patent Model - Improvement in Fire-Escapes

202,115 Patent Number

Apr 09 1878

Mrs. Catherine R. Mott Patentee

New York, New York

Patent Model- Improvement in Washing-Machines

202,104 Patent Number

Apr 09 1878

John W. Gladwell and Joseph R. White Patentees

Keys, North Carolina

Patent Model - Improvement in Wire-Rolling Machines

202,670 Patent Number

Apr 23 1878

David Shaw and David Spence Patentees

Pittsburgh, Pennsylvania

Patent Model - Improvement in Fire-Escape Ladders

203,119 Patent Number

Apr 30 1878

William W. Clark, Benjamin A. Bowman, and Silas Bowman Patentees

Kirkville, Missouri

Patent Model - Improvement in Dog-Collars

205,515 Patent Number

Jul 02 1878

Matthew Von Culin Patentee

Delaware City, Delaware

Patent Model - Improvement in Apparatus for Lifting and Carrying Invalids

209,519 Patent Number

Oct 29 1878

Sarah T. Sands Patentee

New York, New York

Patent Model - Improvement in Machines for Separating and Setting Shoe-Lace Studs

212,124 Patent Number

Feb 11 1879

Mellen Bray Patentee
Newton, Massachusetts

Patent Model - Improvement in Swings

213,150 Patent Number
Mar 11 1879

Otto Unzicker Patentee
Chicago, Illinois
Assignor to Adolph Shoeninger, of same place

Patent Model - Improvement in Velocipedes

215,876 Patent Number
May 27 1879

James E. Browne Patentee
Elizabeth, New Jersey

Patent Model - Improvement in Dish-Washers

216,001 Patent Number
May 27 1879

Lucinda Warren Patentee
Providence, Rhode Island

Patent Model - Improvement in Metallic Cans

217,211 Patent Number
Jul 08 1879

Charles Green and William Wilson, Jr. Patentees
Wilmington, Delaware

Patent Model - Improvement in Machinery for Shaping Sheet Metal

217,725 Patent Number
Jul 22 1879

Eliphalet W. Bliss (b.1836, d.1903) Patentee
Brooklyn, New York

Patent Model - Improvement in Portable Engines

219,250 Patent Number
Sep 02 1879

Russel P. Gordon Patentee
Martinsburg, Ohio

Patent Model - Improvement in Surf-Huts for Bathing Purposes

220,147 Patent Number
Sep 30 1879

Charles S. Homer Patentee
Brooklyn, New York

Patent Model - Improvement in Toy Houses

220,429 Patent Number
Oct 07 1879

Samuel I. Russell Patentee
Chicago, Illinois

Patent Model - Improvement in Cider-Mills

221,386 Patent Number

Nov 11 1879

John L. Barnes Patentee

Warsaw, Indiana

Patent Model - Improvement in Operating-Cocks for Fluid-Pressure Brakes

222,803 Patent Number

Dec 23 1879

George Westinghouse, Jr. (b.1846, d.1914) Patentee

Pittsburgh, Pennsylvania

Patent model - Gunpowder Punching-Machine

223,767 Patent Number

Jan 20 1880

Thomas Shaw (d.1901) Patentee

Philadelphia, Pennsylvania

Patent Model - Bretzel-machine

224,446 Patent Number

Feb 10 1880

William Lamptert and Henry Huber Patentees

Crestline, Ohio

Assignors of one-half of their right to Butler, Earhart & Co., of Columbus, Ohio

Patent Model - Pulverizing Apparatus

227,970 Patent Number

May 25 1880

Reuben Fairbanks: Fort Ann, New York Patentee

David Breinig; Brooklyn, New York Patentee

Assignors to the Bridgeport Wood Finishing Company, of Bridgeport, Connecticut

Patent Model - Washing-Machine

228,272 Patent Number

Jun 01 1880

John B. Pettit Patentee

Burlington, Iowa

Patent Model - Vehicle-Spring

239,406 Patent Number

Mar 29 1881

Henry Timken Patentee

St. Louis, Missouri

Patent Model - Table

246,217 Patent Number

Aug 23 1881

George F. Sargent Patentee

New York, New York

Patent Model - Vegetable-Cutting Machine

252,128 Patent Number

Jan 10 1882

Marion C. Morts Patentee

Mohawk, New York

Patent Model - Car Brake and Starter

263,163 Patent Number

Aug 22 1882

Isidore Gerard Patentee

Newton, Kansas

Patent Model - Bench-Plane

296,933 Patent Number

Apr 15 1884

Norman Edward Curtis Patentee

Mauston, Wisconsin

Patent Model - Bottle Washer

327,071 Patent Number

Sep 29 1885

Thomas Davies Patentee

Poughkeepsie, New York