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1828



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1828

A

LIST OF PATENTS

GRANTED BY THE UNITED STATES,

FOR THE

ENCOURAGEMENT OF ARTS AND SCIENCES,

ALPHABETICALLY ARRANGED,

FROM 1790 TO 1828;

[TO BE CONTINUED BY SUPPLEMENTS:]

CONTAINING

THE NAMES OF THE PATENTEES,

THEIR PLACES OF RESIDENCE,

AND THE

DATES OF THEIR PATENTS.

WITH

An Alphabetical List of the Names of Patentees:

ALSO,

THE MODE OF APPLYING FOR A PATENT.

AND

ALL THE ACTS PASSED BY CONGRESS ON THE SUBJECT OF PATENTS,

CITY OF WASHINGTON, D. C.

PRINTED AND SOLD BY S. ALFRED ELLIOT.

1828.

Library of Congress
1867
City of Washington

District of Columbia, to wit:

BE IT REMEMBERED, that on the 25th day of July, in the year of our Lord one thousand eight hundred and twenty, and of the Independence of the United States of America the forty-fifth S. ALFRED ELLIOT, of the said District hath deposited in this office the title of a book, the right whereof he claims as proprietor in the words following, *to wit:* "A List of Patents granted by the United States for the encouragement of arts and sciences, alphabetically arranged from 1790 to 1820; containing the names of the Patentees, their places of residence, and the dates of the Patents, with an alphabetical list of the Patentees: also all the acts passed by Congress on the subject of Patents." Washington D. C. Printed and sold by S. ALFRED ELLIOT. July 20th, 1820."

In conformity to the Act of Congress of the United States, entitled, "An Act for the encouragement of learning, by securing the copies of maps, charts, and books, to the authors and proprietors of such copies during the times therein mentioned;"—and also to the act, entitled "An Act supplementary to an act, entitled, 'An Act for the encouragement of learning, by securing the copies of maps, charts, and books, to the authors and proprietors of such copies during the times therein mentioned, and extending the benefits thereof to the arts of designing, engraving, and etching historical and other prints."

In testimony whereof, I have hereunto set my hand, and affixed the public seal of my office, the day and year aforesaid.

EDMUND I. LEE,
Clerk of the District of Columbia.

223
1828

6-7-62

ALPHABETICAL LIST

OF ALL

PATENTS AND PATENTEES

ON RECORD IN THE PATENT OFFICE.

A

Ashes, pot and pearl.	Samuel Hopkins	- - -	July 31, 1790
Ashes, pot and pearl, furnace for.	Edward Ryan	- - -	April 29, 1793
Ash, pot, improvement in manufacturing.	Edward Ryan	- - -	Nov. 19, 1796
Ash, pot, manufacturing.	William Forbisher	- - -	Nov. 17, 1796
Alkali, from marine salt, extracting from kelp.	John Nazro	- - -	July 6, 1797
Axes, improvement in sharpening.	John Shotwell	- - -	March 16, 1799
Air Pump, ventilator for ships	- - -	- - -	- - -
_____, for mines, &c.	Richard Robotham	- - -	Oct. 10, 1801
Antibilious Pills.	Thomas H. Rawson	- - -	July 24, 1802
Astronomical Quadrant.	Matthew C. Groves	- - -	Sept. 3, 1802
Antibilious stomach cordial.	Simon Lazarus	- - -	Dec. 21, 1802
Apples, machine for paring.	Moses Coates, Coatsville, Penn.	- - -	Feb. 14, 1803
Antiseptic gas, improvement in the mode of obtaining.	Peter De La Bigre, and J. B. M. Picornell	- - -	March 24, --
Antibilious Pills.	Thomas H. Rawson, New London, Conn.	- - -	April 4, --
Alcohol, improvement in the method of distilling.	Lemuel J. Hilborn, Freehold, N. York, and Biddis, Philadelphia	- - -	June 4, --
Air, or Bellows Pump, for raising water.	Daniel M. Miller	- - -	March 5, --
Auger, improvement.	Christopher Hoxie	- - -	July 12, 1804
Ashes, mode of manufacturing.	Joseph Bellows, jun. and Eben. White	- - -	Dec. 29, --
Andirons, improvement in.	John Stickney, Baltimore	- - -	May 4, --
Anti-Stream-Boat	Wm. Wadsworth, Hartford, Connecticut	- - -	July 17, 1806
Artificial Slate, or Tile.	Thomas Woodsend	- - -	Aug. 7, --
Auger, improvement in.	William Hale, Champlain, New York	- - -	Feb. 7, 1807
Axle, and box of carriages.	Cyrenus Beach, New Jersey	- - -	June 26, --
Anglet for taking and laying down angles.	B. Dearbon, Boston	- - -	April 29, 1808
Alarm Bell for fire engines.	James P Parke, Philadelphia	- - -	Dec. 19, --
Astronomical Time-keeper.	Theodore Newell, Sheffield, Mass.	- - -	July 7, 1809
Auger. See Screw.	Ezra L'Hommidieu.	- - -	- - -
Apples, machine for pairing.	Steph. Cruttenden, Guilford, Conn.	- - -	Aug. 25, --
Auger for mining.	Perkin Nichols, Boston	- - -	May 18, --
Auger.	Stetson and M. Selree, Georgetown, Ken.	- - -	Dec. 11, --

Apples, machine for coring and quartering.	Cyrus Gates, Rutland county, Virginia	Dec. 15, 1810
Andirons and fire places.	John Sweet, Berkshire, Mass.	Feb. 26, 1811
Air, draught, Subignies.	Samuel Randall, Providence	March 12, --
Air flue for a chimney.	James Macombes, Greenwich, N. Y.	Nov. 19, --
Air, difference of rarefied and unrarefied.	Sam. Morey, Phil.	April 8, 1812
Acids, mode of preparing vegetable.	Nath. S. Allison and B. Hugler, Philadelphia	June 5, --
Asclepias, manufacture the.	George Smith, New York	May 28, 1813
Augers.	Martin Howe, New York	April 2, 1814
Andirons.	Willaby Dexter, Winchester, Connecticut	May 17, --
Alarm Bell.	Ben. E. Freymuth, Philadelphia	Dec. 22, --
Auger.	Joseph Brownwell, Otsego, New York	May 16, 1815
Ashes, pot and pearl.	Jacob Latting, New York	April 26, 1816
Alternate lift for bricks and mortar.	Ben. Dearbon, Boston	June 20, 1816
Auger, single twist screw.	Ezra L'Hommedieu, Norwich, Conn.	July 17, --
Anvil and hammer,	Charles Josselyn, Pembroke, Mass.	Oct. 9, --
Alum made from Lignite.	Genit Twost, Philadelphia	March 3, 1817
Anti-attribution, compound.	Edward Motts, Philadelphia	Oct. 4, --
Archimedian Screw.	Jeremiah Black, North Penn.	Jan. 17, 1818
Auger to bore rectilinal holes.	Cyrus Jackson, Butternuts, N. Y.	Feb. 14, --
Aromatic Steam Bath.	J. Deverin & J. B. Isabelle, Lexington, Ken.	July 6, --
Asiatic Lenitive.	Ez. Audler, New York	Oct. 26, --
Anti-friction Bush.	James Rudder, Norfolk, Virginia	Feb. 6, 1819
Axle, moveable.	Geo. N. Reynolds, Charleston, S. C.	April 29, 1819
Auger, tube	Robert Thomas, Richmond co. N. C.	May 22, --
Auger, twisted screw.	Wm. Holmes, Winchester, N. H.	April 4, 1820
Aqueduct pipes made of marble.	Thos. B. Robbins, Stockbridge, Mass.	March 19, 1821
Anti-dyspeptic Pills.	George Smith, New York.	August 7, --
Andirons, improvement in.	William Pye, New York,	Nov. 16, --
Anti-dysenteric medicine.	John G. Voight, Rochester, N. York	Dec. 4, --
Anti-dysenteric pills.	J. C. M. Brockway, Lyme, Conn.	March 13, 1822
Auger, for boring post holes.	Christopher Hoxie, Hudson, N. Y.	July 26, 1824
Apple cutting machine.	Andrew Glendening, Loudon co. Va.	Sept. 9, --
Apples, machine for grating or grinding.	Joel Farnham, Tio. N. Y.	June 28, 1825
Auger, improvement in the strap.	Silas Gore, Shesequin, Penn.	July 20, --
Augers, mode of turning any number.	Hardin Branch, N. York	Aug. 7, 1826
Auger, imp't applied to the.	Joseph H. Schreiner, Philad'a	Aug. 17, --
Anthracite coal applied to generating steam.	Daniel Collings and James D. Gallup, Wilkesbarre, Pennsylvania	Oct. 12, --
Auger for boring hubs, imp't in the.	Sheldon Cadwell, Windham, Connecticut,	Nov. 20, --
Andirons, pedestal feet for.	Edmund Smylie, New-York,	Feb. 1, 1827
Do.	Do.	Feb. 22, --
Apples, machine for grinding.	H. E. Paine, and S. H. Russell, Le-Roy, Geauga county, Ohio,	March 5, --
Andirons, casting the feet of brass.	John Griffiths, New-York,	March 15, --
Alcohol, mode of extracting by steam.	Anson and Norman Wolcott, Bloomfield, New-York,	March 19, --

B

Bark, extract of.	John Biddes and Thomas Bidwell, Phil.	Aug. 10, 1791
Bedstead.	Ludering Conrad Khun, Phil.	Aug. 10, --
Bellows.	James Rumsey, Berkly county, Va.	Aug. 26, --
Boats, manufacturing.	Peter Gordon, Phil.	Aug. 10, --
Boats, propelling.	Henry Voight, Phil.	Aug. 10, --
Bark and Wood Sawing.	Thomas Harrington, Boston	May 9, 1799
Bricks, making.	David Ridgeway, Phil.	March 7, --

Bricks, manufacturing of.	Christopher Bolls, New-York	-	Jan. 26,	1793
Bricks, manufacturing of.	Apollos Kinsley, New-York	-	Feb. 1,	--
Bells, construction and tone of	Robert Leslie, Phil.	-	Feb. 2,	--
Bricks and Pan-tiles, manufacture of.	Sam. Brower, New-York	-	Aug. 7,	--
Boats, Vessels and Carriages, machine for propelling.	Abijah Babcock, Ohio	-	Dec. 2,	--
Boats, improvement in propelling.	Josiah Shackford,	-	March 21,	1794
Bellows, construction of.	James Drake, New Jersey	-	May 19,	--
Bark, grinding of.	John Mackley, Penn.	-	July 19,	--
Boats, improvement in propelling.	Daniel Keller, Penn.	-	May 25,	1795
Boats and Vessels, propelling.	Wm. Peter Sprangue, Penn.	-	June 19,	--
Boiler for generating steam.	See <i>Steam</i> .			
Bricks, tempering mortar for and making of.	A. Kinsley, N. Y.	-	Dec. 20,	--
Beans, cultivating.	See <i>Corn</i> .			
Bolting Cloths, improvement in.	Robert Dawson, Del.	-	May 12,	1796
Bolts and round iron, improvement in forging.	Clement Rentgen,	-	Nov. 17,	--
Boards.	See <i>Shingles</i> .			
Boiling.	See <i>Cooking</i> .			
Books and paper.	See <i>Ruling</i> .			
Bridges, improvement in.	Charles W. Peale	-	Jan. 21,	1797
Bridges, improvement in.	John Fowler	-	Feb. 24,	--
Boats and Vessels, propelling.	Jehosaphat Starr	-	April 28,	--
Bridges, improvement in.	John Stickney	-	June 3,	--
Bellows, pendulous, &c.	Benjamin Wyncoop	-	June 26,	--
Brick, tiles, &c. improvement in.	John Hawkins	-	July 11,	--
Butter, preserving.	Moses Johnson	-	June 30,	--
Bridges, improvement in.	Timothy Palmer	-	Dec. 7,	--
Boats, &c. machine for propelling.	John Martin	-	Nov. 21,	--
Bread, improvement in making.	William Banks	-	Dec. 14,	1798
Balloon, Federal.	Moses M'Farland	-	Oct. 28,	1799
Boat for descending rapid streams.	Daniel Keller	-	Nov. 5,	--
Boots and shoes, manufacturing of.	Dean Howard	-	April 10,	1800
Bricks and tiles, machine for making.	George Hadfield	-	May 15,	--
Bricks, improvement in making.	Richard Mansfield	-	Oct. 24,	--
Brewing with Indian corn.	Alexander Anderson, Phil.	-	Jan. 26,	1801
Boats to ascend rivers, improvement in.	David Grieve	-	Feb. 20,	--
Boring machine for posts.	Richard Weems, Annapolis, Md.	-	March 16,	--
Bark for dying, extract of.	Samuel Downing, Trenton, N. J.	-	June 12,	--
Beaming machine.	Ier. Ladd, Charleston, N. H.	-	July 17,	--
Boxes for carriages, improvement in.	Thos. B. Whitlock, Mount Pleasant, N. J.	-	Feb. 23,	1802
Bark, machine for cutting and grinding.	Jacob Worrel,	-	March 17,	--
Block making.	See <i>Lathe</i> .			
Bricks, machine for making.	Ezekiel	-	July 17,	--
Boiling Cistern, improvement in.	Timothy Kirk	-	Dec. 20,	--
Boat, insubmersible.	Ab. Du Buc Marentille	-	Dec. 23,	--
Boiler for accelerating the evaporation of liquids.	J. Muffot	-	Feb. 1,	1803
Brandy, mode of making from all kinds of grain or fruit.	Christopher J. Hutter	-	Feb. 11,	--
Boats, improvement in building.	William Hopkins, Norfolk, co. Virginia	-	May 13,	--
Bellows for a furnace or forge, improvement in working.	John Godfrey	-	May 25,	--
Barks, &c. improvement in the mode of extracting for dying.	T. Bedwell and Wm. Mitchell	-	June 7,	1803
Breaking and carding.	See <i>Wool</i> .		June 28,	--
Boring holes in rocks under water, machine for.	John Baptiste Aveilhe	-	Aug. 24,	--
Boilers, improvement in; also working stills with the same.	Wm. Thornton, Washington city, D. C.	-	Oct. 28,	--
Bellows pump, dry.	Enoch Alden	-	Nov. 15,	--

- Brick and Tile, machine for making by cutting the mortar. Nath. Miller and Philip W. Miller - - - - June 5, 1804
- Bedstead, improvement in. Ward Gilman and W. Jackson March 19, --
- Buttons, improvement in manufacturing. George W. Robinson, Providence, Rhode Island - - - - March 19, --
- Breaking and cleansing flax and hemp, machine for. O. Roberts, Baltimore - - - - April 12, --
- Bell, sheep. See *Cow or Sheep*.
- Black oak bark. See *Quercitron*.
- Boring gun barrels, machine for. Nathan Forbes, Providence, Rhode Island - - - - Dec. 31, --
- Bilious cordial, medicinal. Sam. Chamberlaine - - - - Dec. 31, --
- Beaming machine. Allen Hill, Hinsdale, Mass. - - - - May 6, 1805
- Bark mill. Thomas W. Pryor, Philadelphia - - - - May 21 --
- Brick, apparatus for. See *Tiles*.
- Boiling, method of, for distilling, &c. ——— Eggleston, Princetown, Albany, N. Y. - - - - May 27, --
- Boilers, mode of setting. Eben Jenks, Portland, Maine - - June 1, --
- Bellows boards, machine for plaining and sawing. John Hinman, New Haven, Conn. - - - - June 1, --
- Bolts, mode of casting for ships. Joseph Share, Baltimore Oct 28, --
- Balance pendulum lock. See *Lock*.
- Bridges, improvement in. Theodore Burr - - - - Feb. 14, 1806
- Brick, machine for making John F. Gould - - - - March 1, --
- Boats. See *Propelling*.
- Boxes for carriage wheels. James Gridley, Boston - - - - May 26, --
- Boxes for carriage wheels, Levi Brown, Berkshire, Mass. May 30, --
- Boring, machine for. Roger Selden - - - - July 17, --
- Boots and shoes, improvement in. John Bedford, Philadelphia July 16, --
- Brads, machine for cutting. Jonathan Ellis - - - - Feb. 10, 1807
- Bottoms for boots and shoes, of metal. Sam. Milliken, Lexington, Mass. - - - - Feb. 10, --
- Boots and shoes, improvement in making. W. Montgomery, Philadelphia - - - - Feb. 11, --
- Butter, mode of making. B. G. and G. Burtis, New York - - Feb. 27, --
- Bark, mode of applying for hats, &c. Sylvester G. Whipple, Lowell, Mass. - - - - April 17, --
- Bridges, mode of construction. Thomas Pope, New York April 18, --
- Bark, machine for grinding. Corns. Toby, Hudson, N. Y. May 7, --
- Box, for carriages. See *Axle*.
- Boots and shoes, mode of making. Eli Barnum, Mass. - - - - Jan. 9, 1808
- Boats, mode of propelling. Philemon Heaton, Mark B. Boys, and Philemon Heaton
- Boats, etc. See *Impelling*.
- Boring. See *Pressing*.
- Brick, mode of making. Asa Frost, Cazenovia, N. Y. Sept. 21, --
- Balls and shot made by pressure. Thos. Bruff, Washington city Oct. 5, --
- Boots and shoes. Sam. Chamberlain, Boston - - - - Nov. 21, --
- Boiler, for distilling double. Amos Gunn, New Haven, Conn. Dec. 19, --
- Bellows. Henry Dotterer, Philadelphia - - - - Feb. 16, 1809
- Bene oil. William Few, New York - - - - March 1, --
- Bow string, for hatters. Daniel Nicholls, New Milford, Conn. March 1, --
- Boxes, mode of boring for axle trees. A. Brood, Salisbury, Connecticut - - - - June 14, --
- Boiler. See *Worm*. James Trueman - - - - June 24, --
- Boiler and heater. Samuel Bolton, Philadelphia - - - - July 7, --
- Barbal Alkahest, or Magic Lotion. John Hopkins, Phil. - - - - Aug. 24, --
- Boxes, mould for running. Samuel Smith, Amherst, Mass. Oct. 17, --
- Brick and tiles, machine for making. John F. Gould, Newburyport, Mass. - - - - Oct. 17, 1709
- Barilla, mode of manufacturing. George Easterly, Richmond, Va. Feb. 5, 1810

Bridges, construction of. Joseph Joshua Dyster, Phil.	-	Feb. 23,	1810
Boxes for carriages. Leonard Farwell, Lancaster, Mass.	-	March 5,	--
Bridges, construction of. John Templeman, Georgetown, D. C.	March 6,	--	
Boring machine. Benjamin Hall, Canaan, New York	-	March 8,	--
Borer, mitre point. Benjamin Hall, Canaan, New York	March 8,	--	
Bee hives. John Sweet, Bethlehem, Mass.	-	April 11,	--
Boxes for wheel carriages. John Nicholson, Herkimer, N. Y.	April 28,	--	
Boring machine. John Webster, Barrington, Mass.	-	May 1,	--
Bellows, elastic piston. Henry Dotterer, Philadelphia	-	May 1,	--
Bilious pills, Lee's Windham. Samuel Lee, New London, Conn.	May 24,	--	
Balance scale. Russell H. Wright, Boston	-	June 9,	--
Breaking horses and cattle. David Cooly, Orange co. N. Y.	June 23,	--	
Boat and ship building. Wm. Phoebus, New York	-	June 27,	--
Bolts, rolling iron round for ships. Clement Rentgen, West Ches- ter, Pennsylvania	-	June 27,	--
Boat, flat-bottomed with moveable keel. S. Buel, Burlington, Vermont	-	June 7,	--
Brick, mode of making. Joseph B. Harris, Philadelphia	-	Aug. 21,	--
Brick and tiles, making. Daniel French, New York	-	Aug. 22,	--
Boiler, improvement in the. Wm. Eaton, Baltimore	-	Oct. 29,	--
Boiler and steam still. Borden Wilbor and Timothy Soper, Wash- ington, N. Y.	-	Feb. 4,	1811
Bark mill, Luther Gale, Berkshire co. Mass.	-	March 20,	--
Boots, mode of forming cossacks. John Morgan, Philadelphia,	April 10,	--	
Brick, mode of manufacturing. James Gregg, New Hampshire	May 7,	--	
Bolts, machine for cutting off the ends of. John Rewey, Berk- shire, N. Y.	-	July 8,	--
Balance bridge. Jonathan Jessup, York Town, Penn.	-	July 2,	--
Bellows, forge. Charles M. Murtry, New Marlborough, Mass.	July 8,	--	
Boot and shoe making. S. Hitchcomb and J. Bement, Homer, New York	-	June 30,	--
Boilers, circular. John Sizer, New London, Conn.	-	Oct. 15,	--
Boot lays, manufactory of. John Vernon, Baltimore			
Boxes. See <i>Metallic</i> . Lebbeus Larreebee.			
Boats, &c. constructing. Francis Rotch, New Bedford, Mass.	Nov. 29,	--	
Bee-hives, constructing. Timothy Stanley, Farmington, Conn.	Jan. 6,	--	
Bedstead, improved easy draught. Peter Tilton Walcot, Monmouth, New Jersey	-	Jan. 6,	1812
Boot-legs, machine for cramping. N. L. Moore, Smithfield, Massachusetts	-	Feb. 4,	--
Bridge, rolling draw. Richard Crosbie, Newark, N. J.	-	Feb. 17,	--
Boots and shoes, machine for making. Elijah Thayer, Leicester, Massachusetts	-	March 14,	--
Brick machine. James M'Donald, New York	-	April 1,	--
Boring machine. Nath. Gillett and John Smith, Cazenovia, N. Y.	April 8,	--	
Bridges, construction of. Benjamin Conner, Portsmouth, N. H.	April 23,	--	
Blankets, wool made into. Elkanah Cobb, Georgetown, D. C.	April 29,	--	
Boring machine. David Sperry, Colchester, New London, Connecticut	-	May 12,	--
Buttons, moulds for casting. G. W. Robinson, New Haven, Connecticut	-	May 14,	--
Boots and shoes, with pegs, &c. R. W. Richards, Norwalk, Conn.	May 23,	--	
Bark, mode of grinding, &c. Jos. Richardson and Ben. Stout,	June 6,	--	
Boiler, stone, for sulphur. Ab. H. Quincy, Boston, Mass.	June 13,	--	
Boats, chain wheels and paddles for. Robert R. Livingston, Cler- mont, New York	-	June 13,	--
Boots and shoes, elastic hair. Wm. Francis, Boston	-	June 23,	--
Boot, mathematical. Wm. J. Crease and J. Morgan, Phil.	July 20,	--	
Book-binding. John T. Sullivan, Philadelphia	-	July 27,	--
Boats and vessels, constructing. Francis Rotch, Philadelphia,	Aug. 3,	--	
Bodies of carriages. Henry Dunlap, Georgetown, D. C.	-	Aug. 27,	--

Boots, &c. iron bound.	Ephraim Twomley, Norway, Mass.	Aug. 28,	1812
Book-binding,	Robert De Silver, Philadelphia	Sept. 14,	--
Box boiler.	John Morris, N. Haven, Conn.	Oct. 3,	--
Bedsteads.	John Redman Cox, Philadelphia	Oct. 16,	--
Bridles.	Robert Smether, Orange Co. Va.	Dec. 10,	--
Boring rocks.	John Sanford, Sharon, Conn.	Dec. 10,	--
Bread, machine for making.	Jehosaphat Starr, Middleton, Connecticut	Jan. 8,	1813
Bread, machine for making.	George Richards, Manlius, N. Y.	Feb. 8,	--
Boiling.	See <i>Distilling</i> . John Morris, New Haven, Conn.		
Bullets and shot by pressure.	Thomas Bruff, Washington city	June 4,	--
Bathing machine.	Henry Chevens, New York	July 13,	--
Bleaching cotton by steam.	Alexander Milner and Dan. S. Deane, Clinton, N. Y.	July 14,	--
Bark-mill.	Caleb Churchman and George Martlin, jr. Upper Chester, Penn.	July 16,	--
Bathing vessel.	Dan. Harrington, Centreville, Penn.	Oct. 4,	--
Boiler, cylindrical.	Philo M. Hackley, Hudson, N. Y.	Oct. 9,	--
Boiler and steam still.	Timothy Soper, jr. and Charles Reynolds, Hartford, Conn.	Dec. 2,	--
Boat, the rapid.	Fred. W. Guissenhainer, New York	Jan. 14,	1814
Bath, warm and cold.	Sam. K. Jennings, Lynchburg, Va.	Jan. 21,	--
Bathing machine.	Wm. Merrit, New York	Feb. 1,	--
Boats, propelling.	Moses Rogers, New York	Feb. 9,	--
Boring guns and pistols.	Daniel Pettibone, Philadelphia	Feb. 12,	--
Butter, making bad good.	Zina Phinney, Green co. N. Y.	March 4,	--
Black lead pencils.	Christopher Osgood, Salem, Mass.	March 26,	--
Bark mills.	Jared Olds Mariden, New Haven, Conn.	April 18,	--
Brick and tile, pressing.	Ben. Porter, Salem, Mass.	May 18,	--
Balancing wheels, mode of.	John Andrews, Litchfield, N. Y.	May 27,	--
Boring machine.	Richard Deering	May 28,	--
Buff, or polishing wheel.	Aaron Broad, Litchfield, Conn.	June 6,	--
Bayonet socket.	Andrew Wilson, New York	June 11,	--
Boilers.	Gabriel N. Philips, Goshen, N. Y.	June 28,	--
Brandy, imitating.	Henry Moore, Aurora, N. Y.	July 2,	--
Block, head.	Joseph Briggs, Schoharie, N. Y.	July 9,	--
Bucket for sap.	Jeremiah Purdy, Cherburn, Chenango, N. Y.	Oct. 3,	--
Boiling.	Caleb Shepard, Cincinnatus, N. Y.	Oct. 4,	--
Boiler.	Lemuel M. Richards, Cazenovia, N. Y.	March 30,	1815
Button moulds.	John B. Collins, Meriden, Conn.	April 12,	--
Do. of wood.	Anson Matthews, Southington, Conn.	April 26,	--
Bank notes, printing on the back.	John Kneas, Philadelphia	April 28,	--
Bark mills.	Luther Gale, Lenox, Mass.	May 16,	--
Box boot, open back spring.	Wm. Atchison, New York	May 23,	--
Boat, propelling.	Gabriel Manny, Montgomery, N. Y.	June 8,	--
Boat, rocking or lever.	Bennet Lees, New York	June 20,	--
Brads, for cutting.	Seth Boyden, Boston, Mass.	June 27,	--
Buttons, rounding the edges, &c.	Ira Ives, Bristol, Conn.	Aug. 7,	--
Do. construction of the eye.	Do. do. do.	Aug. 7,	--
Do. setting the eyes of.	Do. do. do.	Aug. 7,	--
Bowing wool for hatters.	Edward C. Griffing, Lyme, Conn.	Aug. 10,	--
Buttons, wire necked.	Heman Mathews, Southington, Conn.	Sept. 12,	--
Blankets, improvement on machine for making.	J. Getzendorf, Frederick co Md.	Sept. 30,	--
Bark, machine for grinding.	David Pelton, Lyme, New Haven,	Sept. 30,	--
Bark, machine for shaving.	Wm. and John Goodwin, jun. Lebanon county	Oct. 16,	--
Boilers, for making salt.	Isaac W. Averille, Salino, N. Y.	Nov. 5,	--
Boilers, for steam.	Royal Yeamans, Baltimore	Jan. 9,	--
Do. do. finishing.	Royal Yeamans, Baltimore,	Sept. 12,	--
Boiler and furnace united.	Philo M. Hackley, New York	Jan. 22,	--

Buttons, wire-necked, finishing. H. Mathews, Southington, Connecticut	Sept. 12,	1815
Biscuit making. Wm. Liddle, New Orleans	Sept. 21,	--
Beef cutter. Ben. Meeker, Brooklyn, N. Y.	Oct. 21,	--
Boots and shoes, cutting. Joshua Hall, Fredericktown, Md.	Dec. 15,	--
Boats, to be worked by quadrupeds. David Porter, Washington,	Feb. 8,	1816
Bridges, frame. George Tabb, Martinsburg, Va.	Feb. 23,	--
Boots and shoes, furred. Samuel Eells, Conn.	Feb. 24,	--
Buttons, composition for wire-eyed. S. H. Woodruff and A Mathews, Connecticut	March 1,	--
Buttons, turning. Daniel French, Bridgeport, Penn.	April 23,	1816
Bolt, spring. Shad Trumbull, Suffield, Conn.	April 23,	--
Boxes and axle trees, for carts, etc. Wm. Bachelor, N. Y.	May 2,	--
Breweries, machine for washing. Leonard Beatty	May 17,	--
Blocks, casting the sheaves of. Henry Worall, New York	June 12,	--
Button moulds, polishing wooden. J. Norton, Southington, Connecticut	June 13,	--
Brick, making. Wm. Michael, Henrico, Va.	June 24,	--
Bank notes, to prevent forgery of. A. Brewster, Hartford, Conn.	July 15,	--
Boats, propelling by horses, &c. Rodman Bowne, New York	July 18,	--
Beating, bruising, machine for. See <i>Cutting</i> . Adam Britz, Philadelphia	July 18,	--
Bricks, air conducting. Ephraim Treadwell, Essex co. Mass.	Sept. 12,	--
Building boats, &c. with plank. W. Annesley, Albany, N. Y.	Sept. 12,	--
Boots and shoes, elastic. Pierre Azam, Baltimore	Sept. 26,	--
Bells, moulding and casting. Ben. Hanks, Albany, N. Y.	Nov. 4,	--
Boiler. Humphrey Ricketson, New-York	Dec. 13,	--
Bellows, wooden. Ben. and John Tyler, Claremont, N. H.	Feb. 1,	1817
Boiler for steam engines. Samuel Morey, Orford, N. H.	March 13,	--
Brick-making, &c. machine for. William Mitchell, Richmond, Va.	March 26,	--
Building bridges. Theodore Burr, Burr Haven, Dauphin co. Penn.	April 3,	--
Boot cleaning machine. Israel Pinkney, New-York	April 16,	--
Bench, work. Baruch Way, Ontario co. N. Y.	June 7,	--
Balance, improvement on Dearborn's. S. A. Rogers, Geneva, N. Y.	July 31,	--
Bellows, japanned. R. B. Richardson, Phil.	Aug. 22,	--
Bleaching cotton and linen. John Kendall, Leominster, Mass.	Aug. 22,	--
Box for carriages. Wm. Edwards, Baltimore	Sept. 11,	--
Bit for boring gun barrels. James Greer, Harpersferry, Va.	Oct. 3,	--
Ball stocks for printers. John Babcock, New Haven, Conn.	March 18,	1818
Bellows, Smiths'. Alanson Holmes	March 23,	--
Bricks, mode of making. Wm. Mitchell, Spring Hill, near Richmond	May 28,	--
Butter, making. Isaac Shepperd, Meredith, Stafford co. N. H.	May 28,	--
Boots and shoes, nailing the sole to the upper leather, John Bedford, Phil.	June 2,	--
Bent wood handle and socket. Simeon Stedman, Hartford, Con.	July 25,	--
Book-binding, improvement in. John Meer, Phil.	Aug. 26,	--
Blocks, sheaves for. Nathan. H. Lewis, N. Y.	Aug. 26,	--
Bleaching linen, &c. improvement in. J. G. Kentzel, Hatfield, Penn.	Oct. 8,	--
Breaking flax, machine for. David Melville, Providence, R. I.	Nov. 18,	--
Boiler, treble steam. Sam. Morey, Orford, New Hampshire	Dec. 19,	--
Boiler, improvement on. John L. Sullivan, Boston	Dec. 29,	--
Bridges, building. Naphtali Bishop, Barre, Vermont	Jan. 11,	1819
Blocks used in stereotype plates. Matthew Smith, New-York	Jan. 20,	--
Brooms, machine for making. S. H. Weed, Poughkeepsie, New York	Feb. 3,	--

Building houses against fire. Joseph Hadley, Morristown, Orleans county, Va.	-	-	-	Feb. 3,	1819
Bush. See <i>Antifriction</i> . James Rudder	-	-	-	Feb. 6,	--
Boiler, stove. Thomas E. Barker, Green county, N. Y.	-	-	-	Feb. 19,	--
Boiler for distilleries, &c. T. Pierce, Hartwick, Otsego co. N. Y.	-	-	-	Feb. 27,	--
Blasting rocks. Benoni Kinyon, Hillsdale, Columbia co. N. Y.	-	-	-	March 15,	--
Balance, improvement on his. Benjamin Dearborn, Boston	-	-	-	March 24,	--
Boats, propelling. James Lyon, Statesburgh, S. C.	-	-	-	April 3,	--
Brick making machine. Adam Stewart, Baltimore	-	-	-	April 8,	--
Brewing, improvement in. Arthur Redmond, Nashville, Tennessee	-	-	-	May 20,	--
Balls and shot, mode of casting. Daniel Pettibone, Phil.	-	-	-	Nov. 10,	--
Boring holes in posts, machine for. James Corbett, West Hanover, Pennsylvania	-	-	-	Dec. 21,	1819
Brushes made of broom corn. B. Byberry, Philadelphia, Penn.	-	-	-	Dec. 21,	--
Bridges, improvement in John Bragg, Montreal, Canada	-	-	-	Jan 4,	1820
Bread, improvement in making Ephraim Treadwell, Phil	-	-	-	Jan 10,	--
Boats, improvement in the mode of gearing for propelling. Daniel French and Fling Bliss, Cincinnati, Ohio	-	-	-	Jan 22,	--
Bridges, improvement in Ithiel Town, Fayetteville, N C	-	-	-	Jan 28,	--
Boiling salt, improvement in Osborn Parsons, Pittsburg, Penn	-	-	-	April 4,	--
Bridges, improvement in wooden aqueduct M Lewis, Chango, New York	-	-	-	April 11,	--
Brewing by steam. Harvey Hackley, New York	-	-	-	April 21,	--
Boiler, water and steam still Stephen Stillwell, Bainbridge, New York	-	-	-	June 14,	--
Boats, mode of passing up rapids, &c Lemuel Thwing, Dedham, Massachusetts	-	-	-	Aug 12,	--
Boot and shoemaker's workstand William A and N Kelly, Littleton, Massachusetts	-	-	-	Oct 13,	--
Bark, &c machine for breaking Nathan Sear, Hudson, N Y	-	-	-	Oct 13,	--
Bee-hive, improvement in the Edward Blake, Hartford, Me	-	-	-	Nov 16,	--
Book-binding, improvement in bands for D K Van Vechton, New York	-	-	-	Dec 12,	--
Boats made of metal Thomas J Bond, Baltimore	-	-	-	Dec 21,	--
Boots and shoes, cutting by rule Simeon Hart, Monkton, Vt	-	-	-	Mar 3,	1821
Bridle for stopping horses Peter Sathrop, Louisa county, Va	-	-	-	Mar 20,	--
Ball speeder for roping cotton Silas Shepard and Cromwell Dean, Taunton, Massachusetts	-	-	-	Mar 23,	--
Boat, improvement in the N C Dawson and Anthony Bucker, Pedler's Mills, Amherst county, Virginia	-	-	-	April 3,	--
Bricks, machine for making Seth Belknap, Newburgh, N Y	-	-	-	May 17,	--
Boiler, improvement in water and steam still S Stillwell, Bainbridge, New York	-	-	-	June 6,	--
Braiding machine John Thorp, Providence, Rhode Island	-	-	-	Aug 10,	--
Boots and shoes, improvement in the manufacture of D Peck, New York	-	-	-	Aug 14,	--
Boiler, stove bottom. Benjamin Simonds, jr Bedford, Mass	-	-	-	Oct 15,	--
Bedsteads, improvement in. Daniel Powles, Baltimore	-	-	-	Oct 31,	--
Band-boxes, machine for cutting the tops and bottoms of Benjamin Mestayer, New York	-	-	-	Nov 13,	--
Bark mill, improvement in the E & J Trash, Sangerfield, N Y	-	-	-	Nov 22,	--
Boilers for steam engines. Thomas Skidman, New York	-	-	-	Nov 30,	--
Bedsteads, improvement in. Peregrine Williamson, Baltimore	-	-	-	Dec 6,	--
Boilers, improvement in steam Stephen Baker, New York	-	-	-	Dec 13,	--
Bonnets, improvement in grass Gurdon & Sophia Wells, Weathersfield, Connecticut	-	-	-	Dec 29,	--
Boots and shoes, improvement in water proof Aaron Dana, Boston	-	-	-	Dec 31,	--
Buds, Blossoms, &c. (mode of delaying,) Robert Moore, Rowan co. N. C.	-	-	-	March 19,	1822

Bending timber for sleighs, &c.	E. Green and M. Blacklee,	Litchfield, Conn.	March 20,	1822
Bank notes, making.	George Murray, Phil.		March 23,	--
Blubber, machine for cutting up whales.	William Ball, New-York		April 25,	--
Bricks, machine for making.	Benjamin Rolfe, Doring,	New Hampshire	April 30,	--
Bricks and tile, machine for making.	James C. Stubbs, and James Bonner,	Cincinnati, Ohio	May 10,	--
Blocks and wedges, improvement in making.	John Thomas,	Washington, D. C.	May 17,	--
Bark mill, improvement in the.	James Elliott, Phil.		May 24,	--
Bank notes, mode of making.	Jame Ph. Puglia, Phil.		Aug. 13,	--
Bridle for stopping horses.	Peter Laporte,	Richmond, Va.	Aug. 15,	--
Bleaching unrotted flax.	Wm. Cumberland,	New York	Aug. 27,	--
Beadsteads, improvement in.	Peregrine Williamson,	Baltimore	Oct. 17,	--
Bricks, improvement in the machine for moulding.	H. Maine,	Point Coupee, Lou.	Nov. 23,	--
Boots and shoes, improvement in making.	A. Buffum,	Smithfield, R. I.	Dec. 28,	--
Bricks, mode of pressing.	S. Briggs,	Salem, Massachusetts	Jan. 11,	1823.
Boats, improvement in the towing, &c.	Edward S. Townsend,	Palmyra, Ontario country, New York	Mar. 13,	--
Boats, machinery for propelling.	Junia Chittenden and Amos W. Delano,	New York	May 1,	--
Boats, mode of propelling.	Flavius Waterman,	3d, Washington, D. C.	May 9,	--
Bee-hive, improvement in the.	Simon C. Williams,	Virginia	May 14,	--
Bricks, improvement in the making for pressing.	Briggs R. Reed,	Mass.	May 29,	--
Bricks, machine for pressing; called a treadle-ma. Do., do.			May 29,	--
Bed-bugs, mode of destroying.	Richard Sealy,	New York	June 20,	--
Bricks, improvement in making fire proof.	Timothy Caldwell,	Philadelphia	June 21,	--
Blasting rocks, improvement in loading the boring for.	Ephraim Gilbert,	Rochester, New York	June 22,	--
Bricks, machine for making.	J. Menefee,	Landy Parish, La.	Aug. 7,	--
Bank-bills, making paper for.	Richard Wilcox,	New York	Sept. 19,	--
Boiler, improvement in the.	A. Glendening,	Butler co., Penn.	Sept. 25,	--
Boiler, steam-generator, or.	H. Betts and J. A. M'Lean,	Norwalk, Ct.	Dec. 24,	--
Boots and shoes, improvement in making.	Eben. Martin,	Salem, N. J.	Jan. 12,	1824.
Booms, logs for constructing.	Henry Babb,	West Brook, Maine	Jan. 13,	--
Bellows, preserving the nozle of.	James Dodge, jr.,	St. Albans, Vermont	Jan. 20,	--
Brewing, improvement in.	R. L. Lloyd and Adam Parthenheimer,	Philadelphia	Jan. 27,	--
Bricks, burning.	Robert Crutchfield,	Botetorte co., Virginia	Feb. 7,	--
Bricks, machine for making.	Seth Lewis,	Louisiana	Feb. 11,	--
Bedstead, improvement in the windlass.	Leonard Foster,	Boston	Feb. 16,	--
Brush-blocks, improvement in making.	Stacy Costill,	Philadelphia	Feb. 25,	--
Bricks, machine for moulding and making.	James Lee,	Ogden, New-York	Mar. 11,	--
Bee-hive, improvement in the.	Wm. J. Stillwell,	Root, N. Y.	Mar. 18,	--
Bookbinders' cutting presses.	John J. Wells,	Hartford, Conn.	Mar. 23,	--
Boiler for the steam engine.	Ralph Bulkley,	New York	Mar. 25,	--

Boiler, impt. in the steam engine.	Ralph Bulkley, N. Y.	April 8,	1824
Blinds, padcaps, &c., making	Seth Boyden, Newark, N. J.	April 10,	--
Bedstead, improvement in the windlass.	Leonard Foster, Boston	June 25,	--
Bank notes, to prevent forgeries of.	Nathaniel Sylvester, N.Y.	July 12,	--
Balances, construction of.	David Rogers, Auburn, New York	July 13,	--
Bedsteads, impt. in windlass.	O. R. Herbert, Mount Pleasant, New Jersey	July 14,	--
Borders for door plates.	Joseph L. Lewis, New York	Oct. 8,	--
Bedsteads, put together by right and left screws.	Thomas B. Smith, Troy, New-York	Oct. 11,	--
Barrels, machine for shaving and listing.	Daniel North, of Middlebury and Horace Naramor, Caledonia, New York	Nov. 26,	--
Bobbin-tube, improvement in the.	Job Manchester, Warwick, Rhode Island	Dec. 13,	--
Bricks made by pressure.	D. Flagg, jr., Gardiner, Maine	Dec. 13,	--
Balance beams, casting with notches.	A. Dana, Troy, N. Y.	Dec. 28,	--
Boxes, casting for carriages.	Calvin Darby, Worcester, Mass	Jan. 22,	1825.
Bath, medicated vapour.	Charles Whitlaw, New York	Feb. 16,	--
Beams and balances, scale.	Solomon A Rogers, Philadelphia	Feb. 19,	--
Bedsteads, improvement in.	Isaac Cooper, Baltimore	Feb. 22,	--
Bedstead, windlass.	Charles Adams, Boston	Feb. 26,	--
Bells, triangular cast steel.	William Hoyt, Brookville, Franklin county, Indiana	March 3,	--
Bed and bedstead for the sick.	Jeremiah Baily, Philadelphia	March 18,	--
Boring for water, machine for.	Levi Disbrow, New Brunswick, New Jersey	March 24,	--
Boots, machine for lasting.	John Eells, jr., Unandilla, N. Y.	March 25,	--
Bark, obtaining the tanning principle from.	J. Giles, Guilford Vermont	April 11,	--
Bark and dye-woods, ma. for cutting.	Henry Hart, jr., and H. White, Stanford, Fairfield county, Connecticut	April 11,	--
Buildings, construction of, for school-rooms, etc.	Stephen W. Taylor, Lowville, Lewis county, New York, and John W. Martin, Martinsburgh, New York.	April 16,	--
Bellows for furnaces, etc.	Henry Dotterer, Philadelphia	April 14,	--
Boring and mortising machine.	Job Wilkinson, Pennfield, N. Y.	May 28,	--
Bulk-head; being a water tight.	Ruggles Whiting, Louisville, Kentucky,	June 6,	--
Brick moulding and making, impt. on Lee's machine.	James Lee and Jarvis Ring, Ogden, New York	June 11,	--
Brick moulding and making, improvement on James Lee's machine.	Timothy P. Kneeland, Ogden, New-York	June 21,	--
Bricks, impt. in the method of pressing.	J. Moore, Gardiner, Maine	Aug. 24,	--
Bellows for forges, &c. impt. in.	Josiah J. Eddy, Providence, Rhode Island,	Sept. 9,	--
Bonnet presser, impt. in the.	Simon Pattee, Foxborough, Mass.	Sept. 14,	--
Brick press, improvement in the.	Mark Twitchell, Gray, Me.	Sept. 24,	--
Boiler and kettle, impt. in the.	Philo N. Griffith, Orange, N. Y.	Sept. 26,	--
Bake oven, improvement in the.	Henry Reip, Baltimore, Md.	Sept. 27,	--
Boats, improvement in machine for propelling.	Henry Tiller, Schenectady, New York	Sept. 28,	--
Brick presser, improvement in the.	Sam. Lane, Hallowell, Me.	Sept. 30,	--
Bricks, improvement in the mode of compressing.	T. Norcross and George Pollard, Hallowell, Maine	Oct. 1,	--
Brick kiln, improvement in the.	John Duff, Washington, D. C.	Oct. 31,	--
Bedstead, impt. indouble draw key.	J. M'Clintic, Chambersburg, Pennsylvania	Nov. 2,	--
Bedstead, keyed double draw.	Samuel Cooper, Chambersburg, Pennsylvania	Nov. 2,	--

Boats, machine for raising.	Elisha Turner, Rochester, N. Y.	Nov. 18,	1825
Boiler, improvement in the steam.	Stephen T. Conn, N. Y.	Nov. 29,	--
Brand, for flour barrels, &c.	Wm. Ross, New Orleans	Dec. 2,	--
Boots and shoes, making water tight.	Patrick G. Nagle, Philadelphia	Dec. 14,	--
Boxes and hubbs of wheels.	Jeremiah Wilt, Chambersburg, Pennsylvania,	Dec. 28,	--
Bricks, pressing etc unburnt.	Thomas Norcross, Hallowell, Maine	Dec. 31,	--
Bedstead, grooved, dove-tailed.	John Mitchell, Harrisburg, Pennsylvania	Jan. 11,	1826.
Bushing sheaves, with soft metal.	Theodore and Daniel Curtis, Washington, District of Columbia	Jan. 23,	--
Bricks, machine for pressing.	John M. Brooking, Wiscasset, Maine	Jan. 23,	--
Bookbinders' tools, ornamenting.	David H. Mason, Phila.	Jan. 26,	--
Brooms and brushes.	Adam Schlater, Oxford, Penn.	Feb. 15,	--
Bisected bedstead.	Peter Breasted, Green county, N. Y.	Feb. 21,	--
Brick press, spiral moulding.	James Parker, Gardiner, Maine	Mar. 28,	--
Boats, wagons, etc. propelling.	Chancey Crafts, Woodbury, Conn.	Mar. 29,	--
Bedsteads' fastenings.	Edwin H. Badger, Petersburg, Va.	April 3,	--
Boots and shoes, nailing.	John Trask, Hadfield, Mass.	April 5,	--
Bricks, machine for pressing.	Julius Willerd, Baltimore, Md.	May 2,	--
Bricks, machine for moulding.	Divid Watson, Fayetteville, Me.	May 6,	--
Brick kilns, covering or plating.	S. R. Bakewell, Wellsburg, Va.	May 10,	--
Biscuit and sugar bread making.	Ephraim Treadwell, N. Y.	May 18,	--
Boots and shoes, machine for making.	Elijah Thayer, Leices- ter, Mass.	June 9,	--
Brick, machine for moulding tile, &c.	Ezra Fisk, Fayette, Maine	June 9,	--
Boats, machine for drawing up to repair.	Seth C. Jones, Ro- chester, N. Y.	June 16,	--
Boats for canals, machine for weighing.	Benjamin Bull, N. Y.	June 20,	--
Braiding machine, improvement on his.	John Thorp, Provi- dence, R. I.	July 10,	--
Bands, iron keyed, improvement in.	Edward Cooper, Rich- mond, Va.	Sept. 14,	--
Bells, improvement in.	Henry Tyler, Utica, N. Y.	Oct. 20,	--
Bridles, improvement in the manufacture of.	Daniel H. Read, New-York	Oct. 24,	--
Bark mill, improvement in the.	Cotton Foss, Madison, Ohio	Oct. 25,	--
Bilge levers, to support ships.	John Thomas, New-York	Nov. 6,	--
Bedsteads, improvement in fastening together posts of.	Wm. Bell, Lexington, Ky.	Nov. 7,	--
Boats and vessels, machine for raising.	Alfred Warner, Ro- chester, N. Y.	Nov. 16,	--
Brick press, self-feeding.	John Winslow, Portland, Maine	Dec. 8,	--
Bedsteads, improvement in.	Samuel Davis, Catt-kill, N. Y.	Dec. 29,	--
Bedstead joints, and sacking bottom.	Daniel Powles, Balti- more	Jan. 26,	1827
Boilers, anthracite coal to be used with.	John Barker, Balti- more	Feb. 7,	--
Brick, machinery for pressing.	Alfred B. Crossman, Hunting- ton, New-York	Feb. 9,	--
Brick, machine for grinding clay for.	Benjamin H. Hill, Rich- mond county, Georgia	Feb- 17,	--
Bogging machine.	Squire Collins, Hillsdale, New-York	Feb. 22,	--
Bee-hive, improvement in the.	Cuthbert Wiggins, Fayette co. Pennsylvania	Feb. 27,	--

Blacksmiths, blowing and striking for. L. Hoyt, and Ebenezer Pierce, Putteney, New York	- - -	March 3, 1827
Blacksmiths, spring hammer for. James Rainey, Orange co. North Carolina	- - -	March 7, --
Brick making machine. David Rising, Atchester, Vermont, [See B.]	- - -	March 21, --

C

Cabouse, construction of a. John Youle, New York,	-	Aug. 25, 1795
Candles, manufacturing of. Joseph T. Sampson, Boston,	-	Aug. 6, 1790
Do do. Richard Robotham, New York	-	June 2, 1794
Carriages to be propelled by mechanic powers, construction of. John J. Staples, New York	- - -	April 25, --
Cloths, raising a nap on. Sam. Mullikin, Philadelphia	-	March 11, 1791
Cloths, method of raising and shearing the nap of, by a wheel of knives. Sam. G. Corr, Albany, N. Y.	- - -	Oct. 20, 1792
Cloths, woollen and other shearing. Sam. Kellogg, Vermont	-	Jan. 31, 1795
Color, yellow, forming a. Thomas Bidwell, Pennsylvania	-	April 20, 1796
Conductor, for conveying persons and goods from houses on fire. Samuel Green, New York	- - -	March 28, 1792
Cordage, manufacturing. Geo. Parkinson, Pennsylvania,	-	June, 16, 1795
Cordage, manufacturing of. John Pittman, Rhode Island	-	May 25, --
Cotton, Spinning. Wm. Pollard, Philadelphia	- - -	Dec. 30, 1791
Cotton, ginning. Eli Whitney, New Haven, Conn.	-	March 4, 1794
Cotton, gin. Hodgen Holmes, Georgia	- - -	May 12, 1796
Candles, improvement in making. Joseph S Sampson	- -	June 26, 1797
Candles, machine for dipping. Samuel Blydenburg,	- -	March 22, 1798
Cards, manufacturing. Amos Whitmore	- -	June 5, 1797
Carriages, improvement in propelling. William Farris	-	April 29, --
Casting. See <i>Iron</i> .		
Chimnies, improvement in. Richardson Stuart	- - -	Feb. 24, --
Clay for tile, a new method to cut. Andrew W. Duty	-	May 8, 1799
Clock, time keeper, and watches, improvement in. Eli Terry	-	Nov. 17, 1797
Cloth, improvement in a loom for weaving. Amos Whitmore	-	Nov. 17, 1796
Cloths, washing. Nathaniel Briggs	- - -	March 28, 1797
Cloth, raising a nap on. Walter Burt	- - -	June 23, 1797
Cloth, machine for dressing. Isaac Sanford	- - -	March 27, 1799
Cloth, improvement in Washing. Ezra Weld,	- - -	June 26, --
Coal stove. See <i>Stove</i> .		
Coffee-grinding, improvement in. Thomas Bruff	- - -	Jan. 8, 1798
Colors and paint, improvement in mixing. Lawrence All- wine	- - -	Feb. 24, 1797
Combs, a machine for making. Phineas Pratt	- - -	April 12, 1799
Concentrating the volatile parts of calcareous earth, stones, &c. improvement in. John Fowler	- - -	Nov. 16, 1796
Cooking and boiling, machine for, called a Conjurer. Thomas Passmore	- - -	Dec. 23, 1796
Corn, beans, &c. a machine for cutting. Eliakim Spooner	-	Jan. 25, 1799
Corn, beans, &c. a machine for planting. Eliakim Spooner	-	Jan. 25, --
Cotton, improvement in ginning. Robert Watkins	- - -	Dec. 23, 1796
Cotton, improvement in ginning. John Murray	- - -	Dec. 23, --
Cotton-seeds, extracting oil from. Charles Whiting	- - -	March 2, 1799
Counterfeits, a check to detect. Jacob Perkins	- - -	March 19, --
Comb teeth, improvement in cutting and pointing. I. Tryon	-	Feb. 22, 1798
Coach colors, improvement in. Wm. Hottensteen	- -	April 10, 1800
Cloth, to their original state, to be manufactured. John Bid- dis	- - -	May 6, --
Cooking, machine for. Frederick Butter	- - -	Aug. 22, --
Chimnies, improvement in. David Cooly, jr. and Gabriel N. Phillips	- - -	Aug. 25, --

Cotton gin. Eben. Whiting, Berkshire, Mass.	- -	Aug. 22,	1801
Condenser in heating wash, in distilling. A. Anderson, Phil'a	- -	Jan. 26,	--
Chain and cleaver shot, mode of making and discharging. Is- rael Hatch	- - - -	March 24,	--
Cut nails. See <i>Nails</i> .			
Cylinders, wheels within which. See <i>Wheels within Cylinders</i> .		Sept. 15,	--
Carrier's shavings. See <i>Paper</i> .			
Churning, machine for. Isaac Baker, Amherst, Mass.	- -	Feb. 20,	1802
Cotton gin, machine for. William Bell and Samuel de Mont- mollin	- - - -	April 7,	--
Churning, machine for. Joel Pierce	- - - -	April 10,	--
Clover seeds, machine for cleaning. Asher Spicer, Kent, Mass.	- -	April 22,	--
Close stoves, improvement in casting. Henry Abbott, Phil.	- -	May 4,	--
Cutting fur for the use of hatters, machine for. Nicholas Young,	- - - -	May 14,	--
Clover seed, machine for cleaning. Martin Miller	- -	July 19,	--
Corn husks. See <i>Paper</i> .			
Cotton. See <i>Saw Mill for cleaning</i> .			
Cotton gin, improvement to the patented roller. Wm. Bell and John S. de Montmollin	- - - -	March 7,	1803
Clover seed, machine for cleaning. John Cottle, Philadelphia	- -	March 21,	--
Cooler or condenser of vapor, improvement. Wm. How, Bucks co. Penn	- - - -	April 3,	1803
Crooked keels, mode of constructing vessels with. Eliphalet Bube, Allegany co. Penn.	- - - -	April 27,	--
Channels, machine for deepening. Mat. Barney, Nantucket	- -	May 14,	--
Cleaning cotton, a rolling machine for. Gordon F. Saltonstall	- -		
Churn, rocking. Walter Keeler and James Warring	- -	June 23,	--
Cloths, machine for shearing. See <i>Shearing</i> .			
Cabouses, improvement in the construction of iron ones. Wm. Ashbridge	- - - -	June 28,	--
Columbia fire places, improvement in. Robert Heteric, Win- chester, Va	- - - -	June 30,	--
Cooling liquors, method of. David Lowndes	- -	July 31,	--
Clover, machine for separating from pod. T. Kirk, York Bo- rough	- - - -	July 28,	--
Cock. See <i>Water Cock</i> .			
Cough drops. See <i>Vegetable Elixer</i> .			
Carriages, mode of constructing. J. C. Stroebel, Reading, Pa.	- -	Sept. 19,	--
Cotton gin, improvement in. William Bill, Camden, N. C.	- -	Nov. 24,	--
Cylindric ruler, for ruling paper. John Fairbanks, Boston	- -	Nov. 30,	--
Cotton gin. Joseph Eve	- - - -	Dec. 6,	--
Cards. See <i>Twilling Machines</i>			
Condensers. See <i>Still Heads</i>			
Clover seed, wheat, &c. improvement in separating from the husk. David Buckman	- - - -	Dec. 21,	--
Colors, for painting, printing, &c. improvement in making. F. Gay, Baltimore	- - - -	Dec. 30,	--
Clover seed, machine for hulling. Jacob Worrell	- -	Feb. 27,	1804
Cattle. See <i>Watering</i> .			
Clover seed, machine for shelling. Michael Withers, Lancaster,	- -	April 30	--
Cutting straw and hay, machine for. M. Coats and E. Evans	- -	April 30	--
Columbian threshing, break and cleaning fan. Samuel Houston	- -	May 3,	--
Churn, machine to be fixed to the top of. Levi Stevens	- -	May 8,	--
Corn See <i>Shelling</i> .			
Chip hats, machine to cut chips for. Amos D. Allen	- -	May 10,	--
Cotton, machine for cleaning and moating. J. Simmons and J. James	- - - -	May 17,	--
Clearing grain from straw, improvement in machines for. William Tunstodt, Richmond, Va.	- - - -	June 30,	--
Chip hats, machine for cutting chips for. Amos D. Allen, John			

- Roberts and Asahel A. Kelsey, Berlin, Penn. - - Sept. 5, 1804
- Carriage See *Wagon*
- Chimnies, method of preventing them from admitting water in rainy weather. John James Thomas - - Oct. 2, --
- Candlesticks, improvement in Ben. Dearborn, Boston, - - Oct. 29, --
- Composition. See *Fire*.
- Cow or sheep bell, impt. in. Simon Newton - - Dec. 23, --
- Close fire place. Horatio G. Spafford, Hudson, N. Y. - May 3, 1805
- Carriages, iron wheel, for transporting. R. Crane, jun. Woodbury, Connecticut - - May 4, --
- Cross cramp for four wheeled carriages. S. Glover, Fairfield, Connecticut - - May 4, --
- Clover-seed, machine for shelling and hulling. Michael Zorger, York, Penn. - - May 10, --
- Condensing tub, improvement on Anderson's. Henry Witmer, Lancaster, Penn. - - May 17, --
- Cotton, machine for ginning, carding and spinning, J. M'Bride, Nashville, Tenn. - - Aug. 8, --
- Casting types. See *Types*.
- Conduits, Clay pipes for. Samuel Bartlett, Hartford, Conn. Oct. 1, --
- Casting Bolts. See *Bolts*.
- Cattle mills. See *Mills*.
- Copying machine for charts, landscapes, etc. Cephas Thomson, Feb. 5, --
- Chip. See *Loom*.
- Cabouse, improvement in. George Youle, New York - March 21, 1806
- Carding machine, to form bats for wool hats. Abner Guild, Dedham, Mass. - - March 31, --
- Cider and bark mills. J. Quintard, Stanfield, Conn. - April 5, --
- Cutting straw, machine for. John Heavin, Montgomery co. Maryland - - April 17, --
- Calcarious matters, method of reducing into lime. Charles Varle - - May 2, --
- Cabouse stove, apparatus for cooking, etc. George Youle, New York - - May 21, --
- Cloth. See *Shearing*.
- Churn. Abner Wing, Washington, N. Y. - - May 26, --
- Cables, apparatus for improving. Nathaniel Cutting, Washington co. - - Aug. 14, --
- Composition for covering and flooring houses. Lewis de Ni-roth, Baltimore - - Feb. 3, 1807
- Charcoal, mode of making from peats. C. Fales, Worcester, Mass. - - Feb. 11, --
- Carding fur and wool for hats, machine for. Arnold Buffum, Feb. 21, --
- Cabouse stove, for cooking, improvement in. George Youle, New-York - - April 1, --
- Carriages, mode of disengaging swingle-tree. Henry Dunlap, Georgetown, D. C. - - April 23, --
- Curtains or blinds, mode of hanging. Peter Harvey, Philad'a May 9, --
- Cotton gin. Obadiah Crawford, - - June 22, --
- Churns, improvement in. Reuben Buck, Baltimore - - June 23, --
- Condensers in distillation. T. O'Conner, New York - - July 10, --
- Cleaning windows, apparatus for. T. Bruff, Washington City July 24, --
- Churn, improvement in. Buel Butler, Washington, N. Y. Oct. 3, --
- Copper sheathing nails, mould for casting. Thomas M'Ilwain Princeton, N. J. - - Oct. 6, --
- Cheese Press, improvement in. J. Arnold, Pawlings, Duches county, N. Y. - - Oct. 26, --
- Churn, improvement in. John Scripture, Alford, Mass. - Dec. 15, --
- Cordage, mode of manufacturning, etc. R. Fulton and Nathaniel Cutting, N. Y. - - March 4, 1808
- Combs, machine for making. Phineas Pratt, Say Brook, Conn. - - March 5, --

Churn, improvement in.	Simeon Hays, Poultney, N. Y.	March 8,	1808
Churn, revolving.	Nicholas King, Washington	March 10,	--
Churn, improvement in.	S. Stackhouse, Cassanovia	March 11,	--
Chimnies, improvement in.	G. Gridley, Newburyport, Mass.	March 13,	--
Cider and cheese press, improvement in.	Eden Benedick, New Marlboro', Mass.	March 21,	--
Churns, improvement in.	W. W. Townsend, Sandy Hill, N. Y.	March 22,	--
Cross cut saw.	T. Cohoon, Washington	April 11,	--
Cheese press, improvement in.	E. Warner, Waterbury, Conn.	April 12,	--
Churn, improvement in.	Daniel Pierpont, New Haven, Conn.	April 22,	--
Churn, improvement in.	Aaron Reed, Columbia, N. Y.	April 25,	--
Carriages for field artillery.	D. Cobb, Boston	April 25,	--
Churn, improvement in.	N. Howe, Windham, Conn.	April 25,	--
Churn, improvement in.	S. B. Willard, Bloomfield, N. Y.	May 18,	--
Carriage springs.	Enoch Ives and Jerry Hill, New Haven, Connecticut	June 3,	--
Chain bridge.	Fayette co. Penn.	June 17,	--
Cider and cheese press.	E. Benedick, New Marlboro', Mass.	June 18,	--
Conduit pipes, mode of making from clay.	Robert Ramsey, Hanover, New Hampshire	June 24,	--
Churn.	Dyer Cleveland, Sheffield, Mass.	July 7,	--
Currying and finishing leather.	S. Parker, Bellerica, Mass.	July 9,	--
Churn.	Dyer Cleveland, Sheffield, Mass.	July 11,	--
Churn.	E. Townsend, Canaan, N. Y.	July 12,	--
Churn.	John Bolton, Philadelphia	Aug. 2,	--
Chain bridges, improvement in.	J. Templeman, Alleghany, Md.	Aug. 15,	--
Churn, rocking.	Daniel Parmele, Dutchess co. N. Y.	Sept. 8,	--
Churn.	Samuel Moon, jun. Downingtown, Penn.	Oct. 24,	--
Churn and washing machine.	John Devotie, Vernon, Oneida co. New-York	Dec. 5,	--
Churn.	Luther Jones, Canton, Conn.	Dec. 10,	--
Cheese press.	Levi Martin, Granville, N. Y.	Dec. 19,	--
CASTING. See <i>Pipes</i> .			
Carriages, mode of suspending.	J. Henderson, Gifford, Conn.	Dec. 26,	--
Cheese press.	H. Dichermans, Berkshire co. Mass.	Dec. 27,	--
Cheese Press.	Hazin Erwin, Boston	Dec. 28,	--
Clover-seed, machine for cleaning.	Wm. Sampson and C. Curtis, New Haven, Conn.	Jan. 6,	1809
Candles, machine for manufacturing.	Wm. Miller, N. Y.	Jan. 6,	--
Candles, machine for dipping.	Sam. Stansbury, N. Y.	Jan. 6,	--
Combs.	Moses Moss, Farmington, Conn.	Jan. 10,	--
Composition for the bottoms of vessels.	Jonathan Pratt, Middletown, Conn.	Jan. 14,	--
Carriages.	Wm. Ross, New York	Jan. 14,	--
Clay conduit.	Sam. Bartlet, Hartford, Conn.	Jan. 15,	--
Churn.	Ira Millington, Warren, N. Y.	March 2,	--
Clover-seed, machine for getting out.	S. Condon, New Hartford, Conn.	March 3,	--
Cement for covering houses.	C. Mornewick, Baltimore	March 13,	--
Case or kirb for sinking wells.	Job Cowperthwaite, sen.	April 13,	--
Churn.	Ezra G. Jones, Otsego, N. Y.	April 21,	--
Currying and finishing leather.	Sam. Parker	April 26,	--
Churns.	Hezekiah Dickerman and G. Barrington, Mass.	May 9,	--
Combs.	Nath. Jones, Southington, Hartford co. Conn.	May 9,	--
Churns.	George Votee, Berlin, Conn.	May 10,	--
Cheese press.	Phineas Allen, Burlington, N. Y.	May 13,	--
Churning. See <i>Washing</i> .			
Churn.	J. M'Cord, Washington, N. Y.	June 13,	--
Cables and ropes, machine to lay and spin.	W. Schultz, Balt.	June 24,	--
Churn.	L. Thomson, Sturbridge, Mass.	June 24,	--
Clock.	Ira Ives, Bristol, Conn.	June 24,	--
Chimnies.	Lewis Leceane, Philadelphia	June 26,	--

Combs, mode of making from hoofs. R. Gedney, N. Y.	June 26, 1809
Combs. Timothy Stanley, Southington, Conn.	July 6, --
Clay, machine for tempering. John Matthews, Baltimore	July 6, --
Corn-stalks, mode of distilling from. B. Allison, Philadelphia	July 6, --
Cheese press. Ben. Atwell, Burlington, N. Y.	July 18, --
Cabouse, improvement in the. Geo. Youle, New York	July 27, --
Churn. Thomas Nicholson, Washington	Aug. 10, --
Churn. Ben. W. Laphis, Durham, N. H.	Aug. 15, --
Churn. Nath. Harrington, White's Town, N. Y.	Oct. 11, --
Clock, in the striking part of. Lemuel G. Kilborn, Penn.	Oct. 12, --
Corn. See <i>Furrowing, etc.</i>	
Churn. Benjamin Atwell and Israel Nichols, Otsego, N. Y.	Oct. 14, --
Cotton, hay, etc., machine for binding. J. Simmons, Philad'a	Nov. 7, --
Churn. Enoch Burt, Princeton, New Jersey,	Nov. 20, --
Circular saw mill. Geo. Huling, Shaftsbury, Vermont	Nov. 24, --
Compass, mariner's. Wm. Russell, New Bedford, Mass.	Dec. 1, --
Churn. John Whitmore, Litchfield, Conn.	Dec. 8, --
Chain band with buckets. Stephen Belnap, New York.	Dec. 29, --
Churn. Daniel Osborn, Berkshire, Mass.	June 8, 1810
Carding and spinning wool, by one operation. Alanson Holmes, Pomfrct, N. Y.	June 8, --
Coopering machine. Oliver Barber, Hartford, Conn.	June 8, --
Camphor, mode of refining. Henry Mead, New Haven, Conn.	Feb 12, --
Counterfeits, mode of preventing. George Murray, Philadel- phia, Penn.	Feb. 13, --
Cheese press. E. Raymond, Sherburn, New York.	Feb. 21, --
Cotton press. Richard V. W. Thorne & J. Thorne, N. York.	Feb. 22, --
Churn. Benjamin Fairbanks, Worcester, Mass.	March 5, --
Combs, machine for manufacturing ivory. David Williams, 3d, Saybrook, Conn.	March 28, --
Churn. Aaron Smith, Finsborough, Mass.	April 11, --
Copperplate printing, mode of putting on the ink. Andrew Ma- verick, New York.	April 17, --
Cheese, vat for pine-apple cheese. Lewis Mills, Norton, Goshen, Conn.	April 17, --
Chimneys, to prevent smoking in. Oliver Richardson, Medway, Mass.	April 18, --
Carbonated silk and paper. Joseph Hartson, Philadelphia.	April 20, --
Coaches and other carriages. Frederick Bremler, New York.	April 24, --
Cleaning grain from seed, machine for. Wm. H. Peabody, Wood- bury, Conn.	June 8, --
Counterfeits, mode of preventing. Jacob Perkins, Boston.	June 16, --
Cartouch Boxes, machine for boring blocks for. Valentine Bogenruff, Georgetown, D. C.	July 10, --
Churn. E. Bacon, Hancock county, Mass.	July 26, --
Cramping Sawarrow boot-legs. Eleazer Lumby, New York.	Aug. 14, --
Chaise. See <i>Grecian</i> . Pheneas Dow.	--
Carbonic Acid gas, mode of saturating liquids with. Charles D. Simmons and Jean J. Kindell, Charleston, S. C.	Aug. 16, --
Combs, socket hair. Eli Parsons, Bristol, Conn.	Aug. 16, --
Churn. Simeon Gray, Genessee, N. Y.	Aug. 17, --
Carriage, block for sawing. William Underwood. Herkimer, N. York.	Sept. 6, --
Columbian balance. Wm. Granger, Middlebury, Va.	Sept. 8, --
Cancer, composition for curing. Elias Willan, Albany, N. Y.	Oct. 8, --
Currying knife. S. Parsons, Parsonsfield, Mass.	Oct. 25, --
Capstan. See <i>Windlass</i> . John Galvid.	--
Clocks for fluids. Josiah Witherle, Boston.	Jan. 16, 1811
Combustion and explosion. Augustus Day, Bordentown, N. J.	Jan. 19, --
Churn. Joseph Beach, Northfield, Mass.	Jan. 24, --
Cotton gin. R. Hancock, sen. and E. W. Carr. Philadelphia.	Feb. 6, --

Churn.	Lewis Cleveland, Holliston, Mass.	- - -	Feb. 7,	1811
Corn stalks, making spirits from.	J. Saunders, Schenectady,	- - -	Feb. 11,	--
	New-York	- - -	Feb. 23,	--
Columbian oil, making.	Thomas Paul, Baltimore	- - -	March 2,	--
Cutting.	See <i>Grain</i> .	John Comfort.		
Condensation of vapours.	Noel Blanche, New York	- - -	March 26,	--
Clover seed, machine for.	Nethemiah Price, Frederick county,	- - -	March 2,	--
	Maryland	- - -	March 2,	--
Chain paddles for boats.	Azael Pierson, Cumberland co. N. J.	- - -	March 26,	--
Condenser	Lyman Cook, Whitestown, N. Y.	- - -	March 28,	--
Churn.	Henry Mumford, Ulster county, N. Y.	- - -	March 28,	--
Carriages. Moved by manual labor.	L. Cook, Whitestown,	- - -	March 28,	--
	New York	- - -	March 30,	--
Cards, machine for straining and grinding.	John Boynton,	- - -	April 25,	--
	Windham co. Conn.	- - -	May 3,	--
Cooking stove.	Andrew Sherwood, New York	- - -	May 10,	--
Churn.	Daniel Robertson, Franklin, New-York	- - -	May 25,	--
Carriages, in the bodies of.	Edward Gibson, New-York	- - -	June 10,	--
Carding machine.	Heman Palmerler, Shoreham, Addison co.	- - -	June 12,	--
China and glass, composition for.	Harvey Bascon, Weston,	- - -	June 22,	--
	Massachusetts	- - -	July 19,	--
Chair bottoms.	Abner Ellis, Dedham, Mass.	- - -	Sept. 12,	--
Cotton-spinning machine.	J. G. Baxter, Philadelphia	- - -	Oct. 1,	--
Chopping meat, etc.	Haziel Smith, Philadelphia	- - -	Oct. 12,	--
Churn, vibrating.	Thomas Pratt, Cheshire, N. H.	- - -	Nov. 16,	--
Churn.	J. H. Shepard, Canaan, Mass.	- - -	Nov. 27,	--
Cutting wheat, etc.	W. P. Claiborne, King William's co. Va.	- - -	Dec. 3,	--
Clapp's crank engine, improvement on.	Joseph Clapp, Green-	- - -	Jan. 16,	1812
	field, Mass.	- - -	Jan. 18,	--
Churn.	Adam Sheble, Philadelphia	- - -	Jan. 21,	--
Cotton, machine for roving.	O. Barret, jun. Scaghticoke, N. Y.	- - -	Jan. 31,	--
Cotton.	See <i>Flyers</i> .	Aziriah Walton.		
Cotton, etc. machine for spinning.	G. Brewster, G. Trumball,	- - -	Feb. 13,	--
	and J. Matthews, Bane, Vermont	- - -	Feb. 24,	--
Cotton, etc. machine for cleaning.	E. Raymond, Norton, Mass.	- - -	Feb. 26,	--
Coaches, etc. construction of.	Fred. Biemler, New York	- - -	March 27,	--
Case, or stove for kettles, etc.	Charles Gaston, Williamsport,	- - -	April 2,	--
	Pennsylvania	- - -	April 3,	--
Chimneys, backs for.	Joel Root, Southington, Conn.	- - -	April 27,	--
Clocks, pinions of.	Ira Ives, Bristol, Conn.	- - -	April 2,	--
Carriages, construction of.	Dan. Neal, Milford, Delaware	- - -	April 3,	--
Chimney regulator.	D. Shoemaker, Philadelphia	- - -	April 27,	--
Candles from tallow and wax.	James Zwisler, Baltimore	- - -	June 19,	--
Churn, horizontal.	John Davidson, Cheshire, N. H.	- - -	June 30,	--
Camphire, refining.	J. Green, Charleston, Massachusetts	- - -	July 20,	--
Chair bottoms.	J. Elliot, jun. Philadelphia	- - -	July 27,	--
Consumptions, cure for.	C. Shaw Long, Philadelphia	- - -	Sept. 28,	--
Cheese press.	W. W. Townsend, Addison, Vermont	- - -	Oct. 3,	--
Canker worm, preventing the.	Paul Adams, Newbury, Mass.	- - -		
Cordage, machine for making.	A. Hill, Walpole, N. H.	- - -		
Candle-holder, economical.	P. Ward and B. Allison, Phil.	- - -		
Cloth, machine for finishing, etc.	S. Hart, Hamstead, N. Y.	- - -		
Chain carts and railways.	John H. Morrison, Boscawen, N. H.	- - -		
Cooking apparatus.	J. Morris, New Haven. Conn.	- - -		
Cider.	See <i>Wine</i> .	Henry Seabolt.		
Cloth, made by felting.	O. Barrett, jun. Troy, N. Y.	- - -		
Cabouse.	John Bouis, Baltimore	- - -		
Cloth and blanket making.	Allen Barnes, Sam. Gray, and Jabez	- - -		
	Clark, Windham, Conn.	- - -		
Carding cloth.	John Jessup, Orange county, New York	- - -		

Carding, spinning, and roving. T. Norton and Geo. Biddis, Milford, Penn.	April 15,	1813
Carriage to be moved by hand. D. Nine, jun. Reading, Penn.	May 4,	--
Cartouch box. Jonathan Mix, New York	June 3,	--
Cradle. Samuel Pope, Windsor, Conn.	June 5,	--
Cloth from hair. W. Shotwell and A. Kinder, N. Y.	July 23,	--
Churn, pendulum. Silas Hitchcock, Vernon, N. Y.	Aug. 7,	--
Cylindric polisher. Eben Stowell, Middlebury, Ver.	Aug. 20,	--
Comb twinning machine. D. Carrington and Ira Ives, Litchfield,	Aug. 20,	--
Cylinder, re-acting, etc. T. Powell, New York	Dec. 3,	--
Churn. Wm. Humphrey, Ohio	Jan. 5,	1814
Card boards, smoothing. D. Stearns, Battleboro', Vermont	March 10,	--
Comb-cutting machine. J. H. Derby, Leominster	March 26,	--
Canker drops. D. Holbrook, Onondago, N. Y.	March 28,	--
Cotton seed, machine for hulling. J. Lineback, Salem, N. C.	March 31,	--
Corn, machine for planting. John Blocher, Lancaster, Penn.	April 12,	--
Carriage springs. R. and I. C. Humphreys, Cantwell	April 22,	--
Carding wool. Lewis French, New Haven, Conn.	May 18,	--
Cheese press. Joseph Goulding, Worcester, Mass.	May 27,	--
Cornices for houses. T. K. Beale, Alexandria, D. C.	May 28,	--
Cup and saucer, Columbian. John Love, Baltimore	June 14,	--
Candles, mould and dipt. J. Zwisler, New York	July 1,	--
Cloth, machine for shearing. B. Swift, Washington, N. Y.	July 1,	--
Chimney stove. C. Varle, Fredericktown, Md.	July 1,	--
Carriages. B. Peck, Philadelphia	July 5,	--
Cock stop. D. Sharman, Warren, N. Y.	July 5,	--
Clover seed, machine for cleaning. H. Spickard, Faircastle, Virginia	Aug. 16,	--
Clocks, pinions for. H. Bronson and J. Curtis, Waterbury, Connecticut	Aug. 22,	--
Clock, wooden. J. Harrison, Boston	Aug. 22,	--
Clocks, for pointing wire for. A. Sperry, Waterbury, Conn.	Aug. 22,	--
Clock plates, boring. Joel Curtis, Cairo, N. Y.	Aug. 28,	--
Clocks, machine for cutting teeth. Joel Curtis and D. Bradley, Connecticut	Aug. 22,	--
Clocks, machine for cutting teeth. A. Hopkins, Litchfield, Connecticut	Aug. 22,	--
Chimnies and fire places. Adam Spohn, Comrio, Pennsylvania	Sept. 22,	--
Cloth shearing machine. C. H. Orth and Frederick Strohn, Steubenville, Ohio	Oct. 11,	--
Comb twinning machine. S. Hills and Moses Emery, jun. Newburyport, Massachusetts	Oct. 21,	--
Cultivating the earth. James Hall, Va.	Nov. 19,	--
Carriages, wheel. Hor. Gates, Spafford, Albany, N. Y.	Nov. 25,	--
Chimnies, machine for sweeping. J. Bruff, Washington, D. C.	Dec. 16,	--
Colors, permanent for calicoes. Augustus Bouler	Dec. 24,	--
Carriages, hanging and placing steps. J. J. Wells, Hartford, Connecticut	Jan. 24,	1815
Cleaning wheat. William Davis, Fairfield, Connecticut	Jan. 24,	--
Clover seed, cleaning. S. Arnold, Bottetort, Virginia	Jan. 25,	--
Cradle. Peter Cooper, Hampstead, New York	March 27,	--
Combs, cutting horn or tortoise shell. Simeon Allen	April 1,	--
Colors, prepared with lime. J. Nicholas, junior, Bradalbin, New York	April 12,	--
Clover seed, gathering. John Smith, Fredericksburg, Virginia	April 28,	--
Churn. Joshua Lane, Homer, New York	May 15,	--
Cotton, machine for drawing, roping, etc. W. Tiffany and P. Allen, Otsego, New York	July 17,	--
Cotton Spinning. L. Bissel, L. C. Hinmans, and S. Wilson, Otsego, New York	July 17,	--
Corsets. Mary Brush, New York	July 21,	--

Charcoal, making for gun powder. F. Parker, Prince George's county, Maryland	July 25,	1815
Cataract, removing by points, etc. F. B. Shaw, Philadelphia	July 27,	--
Candle moulds. D. M. Randolph, Richmond, Va.	Aug. 1,	--
Cards, making machine and hand. W. Barker, Smithfield, R. I.	Aug. 12,	--
Cards, composition for. John M. Gates, Warren, Mass.	Sept. 14,	--
Carding machine, gleanng savers. J. Hugus, Greenbush, Penn.	Sept. 15,	--
Cancers, curing. Jacob Ware, Philadelphia	Sept. 20,	--
Cooking machine. John Seger, New York	Nov. 14,	--
Cotton gin. Isaiah Jennings, New York	Dec. 27,	--
Churn. A. and H. K. Cornell, Cambridge, New York	Jan. 15,	1816
Corn cobs, spirits made from. J. and S. Demund, New Jersey	Jan. 17,	--
Carding woollen cloths. J. A. Christie, Elizabeth Town, N. J.	Jan. 24,	--
Cheese press. J. Bigelow, Mount Pelier, Vermont	Jan. 25,	--
Cock, block tin stop. John Morris, New Haven, Conn.	March 7,	--
Carpenter's sliding dovetail joint. G. B. Raymond	March 26,	--
Combs, making. Eli Sperry, New Haven, Conn.	March 28,	--
Churn. John Erving, Boston	April 30,	--
Cutting comb teeth. M. J. Littleboy, Philadelphia	May 28,	--
Clocks, thirty hours, brass and wooden. E. Terry, Litchfield, Conn.	June 12,	--
Chair, Eagle. William J. Wever, New York	June 14,	--
Charcoal, making. Andrew Kurtz, Philadelphia	June 28,	--
Combs, machine for twinning. Samuel Parmele, Saybrook, Connecticut	July 15,	--
Cutting machine, for beating and bruising. Adam Britz, Phil.	July 18,	--
Churn. Artimas Bills, Baltimore	July 29,	--
Cancers, cure for. James Andrus, Hillsborough, N. H.	July 30,	--
Churn. Benjamin Webb, Tolland, Connecticut	Aug. 22,	--
Cider and vinegar made of offals. W. Richardson, Kingston, New York	Aug. 26,	--
Coqing, or dowelling instrument. W. Bowhay, Philadelphia	Oct. 14,	--
Catheter, flexible metallic. Israel Palch and Moses Carter, Salisbury, Massachusetts	Oct. 26,	--
Chairs. See <i>Posts for</i> Elijah Farrington, New York.		
Chair bottoms. John Wall, Philadelphia	Oct. 29,	--
Cotton gin. Englehart Cruse, Charleston, S. C.	Nov. 18,	--
Churn. Abel Bradway, Monson, Mass.	Nov. 25,	--
Cotton gin. Isaiah Jennings, New York	Jan. 17,	181
Cards, making, grinding, &c. G. Drake, Windsor, Connecticut	Feb. 28,	--
Couch, accommodation. John Mead, Albany, New York	March 14,	--
Convalescent chair. John Mead, Albany, New York	March 13,	--
Composition for covering houses. A. Rogers, Hudson, N. Y.	March 14,	--
Compressed air, to propel boats by. J. L. Sullivan, Boston	March 24,	--
Chimnies, construction of. L. D. Detroismonts, New York	April 5,	--
Copy books, composition for. Richard Wall, Philadelphia	April 28,	--
Cloth, shearing machine. James Collins, Anson, Somerset, Md.	June 10,	--
Combs, machine for cutting. T. G. Thomas, Philadelphia	June 14,	--
Chimnies, machine for sweeping. J. Hunt, Baltimore	July 12,	--
Cloth shearing machine. Eliphalet Remington, Frankfort, New York	Aug. 13,	--
Comb, machine for twinning. D. E. Noyes, Philadelphia	Sept. 6,	--
Carriage life preserver. H. G. De Grandval, Portsmouth, New Hampshire	Oct. 3,	--
Carriages. Ben. Had, Newburyport, Mass.	Oct. 4,	--
Cordage, machine for laying. C. Lenox, Sargent, Suffolk, Massachusetts	Oct. 4,	--
Cordage, machine for making. S. and J. A. Bazin, Canton, Massachusetts	Oct. 17,	--
Candle Moulds. Joshua Witherle, Boston	Oct. 24,	--
Cloth, milling, fulling, &c. M. Lee, Otsego, N. Y.	Nov. 6,	--

Cement, to be used under water.	John Grant, Saratoga, N. Y.	Nov. 11,	1817
Chimnies, machine for sweeping.	E. Paine, Philadelphia	Dec. 11,	--
Cotton hopper.	Garidon F. Saltonstall, Cumberland, N. C.	Dec. 31,	--
Cannon, mode of pointing.	J. Blach, Northumberland, Penn.	Jan. 17,	1818
Cloth shearing machine.	Wm. Stillman, R. I.	Jan. 17,	--
Combs, horn.	Macpherson Smith, Poughkeepsie, New York	Jan. 20,	--
Combs, metallic.	W. A. Langworthy, Balstown Springs	Feb. 28,	--
Cloth shearing machine.	D. Dewy, Poultney, Rutland, Va.	March 16,	--
Churn.	Nathan Porter, Hartford, Conn.	April 7,	--
Cutting machine for soft substances.	A. King, Lancaster, Penn.	May 28,	--
Churn.	T. T. Storm, New York	May 28,	--
Combs, metal hair.	Lineus North, Otsego, N. Y.	May 28,	--
Circular saw.	W. F. Hill, New York	July 11,	--
Casks, making.	J. Little, Hillsborough, N. H.	July 25,	--
Cotton yarn, machine for spinning.	P. Arnold, Conn.	Aug. 1,	--
Combs, manufacturing.	D. Pettibone, Philadelphia	Aug. 18,	--
Chrystallizing tin.	G. F. Valentine, Albany	Aug. 26,	--
Cloth shearing, napping, &c. machine for.	John J. Bryent, Andover, New Hampshire	Sept. 2,	--
Cotton, machine for roping, winding and twisting.	David Grieve, Providence, R. I.	Sept. 18,	--
Columns, machine for ornamenting.	C. Durand, Springfield, New Jersey	Sept. 29,	--
Carriages, improvement in.	J. B. Swan, Albany, N. Y.	Sept. 29,	--
Catch for window shutters, improvement in the.	Noble Hurdle, Georgetown, D. C.	Oct. 1,	--
Chopping sausage meat, machine for.	David Beissel, Harrisburg, Pennsylvania	Oct. 26,	--
Cotton, machine for inspecting.	Lewis Viales, New Orleans	Oct. 29,	--
Corn sheller, improvement on Z. Phinney's.	Hugh Gallagher, Pittsburg, Penn.	Oct. 29,	--
Castor oil, clarifying.	J. Hallock, Philadelphia	Nov. 5,	--
Cloth, machine for napping, &c.	L. and J. Prescott, Pittsburg	Nov. 5,	--
Coaches, improvement in the springs for.	M. H. Beneville, Canterbury	Nov. 17,	--
Conduit pipes, improvement in.	Joshua Clarke and L. Crowell	Dec. 18,	--
Conduit pipes, improvement in.	Elisha Putnam, Albany, N. Y.	Nov. 18,	--
Cloth, machine for teazling and napping.	A. Foster, Putney, Vermont	Nov. 25,	--
Cordage, machine for making.	William B. Leonard, Fishkill, New York	Jan. 9,	--
Corks, machine for making bottle.	James Barron, Hampton, Virginia	Jan. 12,	--
Cooking stove.	Palmer Jenkins, Hebron, Washington county, New York	Feb. 6,	--
Churn.	Joseph Lloyd, Orange county, New York	March 2,	--
Cloth shearing machine.	S. Parsons, Hoosack, Ranslaer county, New York	March 2,	--
Churn.	William L. Frazer, Oxford, Chinango co. N. Y.	March 19,	--
Chronometer.	Samuel S. Edmonston, New York	April 3,	1819
Cordage, machine for making.	Robert Graves, Boston	April 10,	--
Clearing obstructed channels or docks, machine for.	T. Baker, Providence, R. I.	April 12,	--
Corn shelling machine, improvement in the.	Walter Jones, Ashford, Conn.	May 6,	--
Composts for soils.	Anthony B. Martin, Baltimore	May 29,	--
Carbonated mead.	James Heaton, New York	July 28,	--
Cultivator, American.	Fred. Miner, New London, Conn.	Aug. 21,	--
Cast steel welded to iron.	Daniel Pettibone, Boston	May 21,	--
Cards, machine for pricking holes in leather.	J. Lamb, Leicester county	Aug. 21,	--

Coaches, improvement in.	S. Draper, Brookfield, Mass.	Aug. 26,	1819
Carbonated liquid cream tartar.	Sophia Usher, New York	Sept. 11,	--
Cotton seed, food for cattle.	Dan. Gillet, junior, Springfield, Massachusetts	Sept. 15,	--
Comb cutting machine.	D. E. Noyes, Philadelphia	Oct. 14,	--
Comb cutting machine.	Nison Foot, Philadelphia	Oct. 28,	--
Combs, machine for making.	Ben. Haskill, Paris, Fr.	Nov. 3,	--
Cleaning streets, roads, etc.	John Tucker, New York	Nov. 10,	--
Clocks, improvement in.	Simon Willard, Boston	Dec. 13,	--
Cloth shearing machine.	Elihu Hotchkiss and Aaron Jaguas, Windham, Vermont	Dec. 15,	--
Churn, improvement in the.	John Hall, Hillsborough, N. H.	Dec. 15,	--
Candles, moulding sperm.	W. W. Swain, New Bedford, Mass.	Jan. 14,	1820
Corn sheller, improvement on W. Jones'.	Rufus Guthrie, Brimfield, Mass.	Jan. 18,	--
Coating for ships' bottoms.	James Russel, New Bedford, Mass.	Jan. 29,	--
Cement, water proof.	Canvass White, Whitestown, Oneida, New York	Feb. 1,	--
Coffee roaster, improvement in the.	Peregrine Williamson, Baltimore	March 20,	--
Circular saw.	Robert Eastman and Josiah Jaquitt, Brunswick, Massachusetts	March 26,	--
Canals, machine for excavating.	Ichabod L. Skinner, Hartford, Connecticut	May 3,	--
Cheese, mode of packing.	Alexander Norton, Goshen, Conn.	May 6,	--
Corn cracker.	Nathan Read, Belfast, Maine	May 8,	--
Cloth, machine for napping etc.	John Byram and S. D. Fuller, Mendham, N. J.	April 4,	--
Coal, etc. machine for drawing.	Edward E. Danley, Fredonia, Indiana	May 12,	--
Candle wick, machine for making.	Shaylor Ives, Chillicothe, Ohio	May 17,	--
Currying knife.	Daniel Tomlinson, Brookville, Conn.	July 16,	--
Carpeting, ingrained.	John and Nicholas Haight, New York	Aug. 12,	--
Clocks and watches.	James Henry, Maysville, Kentucky	Sept. 13,	--
Cocks, improvement in.	E. Hubball, Baltimore	Oct. 4,	--
Cotton, machine for spinning.	William Bald, jun. Providence, Rhode Island	Oct. 4,	--
Cocks, valve.	John Cluley and Benjamin Stancliffe, Phil.	Nov. 8,	--
Chimneys, machine for sweeping.	Samuel S. Edmonston, N. Y.	Nov. 8,	--
Cooperage, machine for doweling.	Ralph Hunt, Ontario, N. Y.	Dec. 11,	--
Corn shelling machine.	Henry and Elbert J. Rosevelt, N. Y.	Jan. 26,	1821
Cordage, machine for laying.	Robert Graves, Boston	Feb. 1,	--
Cement, water proof.	Canvass White, Whitestown, New York	Feb. 17,	--
Cotton, foot gear for cleaning.	William Gould, M'Intosh co. Georgia	Feb. 20,	--
Do. Roping (double speeder.)	Paul Moody, Boston	Feb. 19,	--
Do. Machine for roping or spinning.	Do. Do.	Feb. 19,	--
Do. Spinning frames.	Paul Moody, Boston	Feb. 19,	--
Cloth, machine for shearing.	Z. Carey, Oxford co. Maine	Feb. 20,	--
Clothes, dry scouring.	Thomas L. Jennings, New York	March 3,	--
Chimney and fire-place.	Obadiah Dilano, Utica, New York	March 3,	--
Crank, anti-friction for steam engines.	Benjamin S. Oliver, Salem, Mass.	March 9,	--
Candles, machine for dipping.	John Aborn, Nottingham, N. J.	March 20,	--
Cordage, improvement in the top sled for.	Robert Graves, Boston, Mass.	March 28,	--
Corn shelling machine, improvement in the.	Noah Lindsey, Catskill, New York	March 28,	--
Churn, improvement in the.	Adam Severt, Saratoga, N. Y.	April 9,	--

Carding machine, improvement in the.	Joshua Woodward, Franklin township, Ohio	May 2,	1821
Cutting clothes by rules.	Allen Ward, Huntsville, Alabama,	June 16,	--
Cock for drawing liquors, improvement in the.	F. Delano, Philadelphia	June 29,	--
Carriages, improvement in travelling.	George H Richards, New London, Conn.	Aug. 8,	--
Churning by dog power.	Geo. E. Reeve and Joseph Ketcham, Orange co. New York	Aug. 10,	--
Cocks for draining liquors, etc.	Jonathan Bliss, New York	Sept. 24,	--
Cement for mortar and stucco.	David Mead Randolph, Rich'd, Virginia	Sept. 25,	--
Candles, machinery used in making.	Francis Fuller, N. Y.	Sept. 29,	--
Chimneys, improvement in the stacks of.	Frederick Grey, Baltimore	Oct. 8,	--
Cotton, machine for packing.	John Cook, Fayetteville, N. C.	Oct. 12,	--
Chains for cables, improvement in.	I. Jennings, N. Y.	Oct. 29,	--
Clocks, improvement in.	Joshua Burritt and W. P. Burdick, Ithaca, New York	Oct. 25,	--
Canals, roads, etc. machine for digging.	John Humes, Richm'd, Virginia	Nov. 10,	--
Chair, improvement in the rocking sofa.	B. Fenny, Readsbor', Vermont	Nov. 22,	--
Condensers, improvement in the steam.	Thomas Skidmore, New York	Dec. 1,	--
Candles, machine for making.	James Yard, Trenton, N. J.	Dec. 4,	--
Cotton yarn, improvement in manufacturing.	Erastus Wolcott, Newport, New York	Dec. 11,	--
Corsets, improvement in.	Wm. James, Cantelo, New York	Dec. 31,	--
Cupola furnace, improvement in the.	Henry Worall, N. Y.	Dec. 31,	--
Clocks, improvement in the machinery of.	Dean,	Dec. 31,	--
Chaff, machine for breaking, etc.	John Bolton, Warren, N. Y.	Jan. 28,	1822
Chairs, improvement in nursing.	Andrew Woods, Charlestown, Jefferson co. Virginia	March 13,	--
Clock cases, improvement in.	Joseph Ives, Bristol, Vt.	March 21,	--
Cock, improvement in the metallic screw.	Jeremiah Carey, Baltimore	April 23,	--
Clover seed, machine for getting out.	William Loomis, Ashford, Connecticut	April 27,	--
Cock, stop.	John Morris, New Haven, Conn.	May 15,	--
Cordage, machine for pressing the tar out of.	Thomas Barnitt, Philadelphia	May 20,	--
Churn, improvement in the.	Benjamin Hayden. jr. Trenton, New Jersey	June 15,	--
Churn, improvement in the.	Eleazer Brown, and Ansel Keith, Winfield, N. Y.	June 19,	--
Cider, mode of fermenting apple.	William Elder, New Brunswick, New Jersey	Aug. 21,	--
Cutting box, improvement in the.	William Willis, Lynchburg, Virginia	Aug. 24,	--
Coffee, machine for hulling.	Nathan Read, Belfast, Maine	Sept. 10,	--
Churn, improvement in the.	Samuel Clark, Morris county, New Jersey	Oct. 4,	--
Coopers' work, machinery for.	Horace Wright, Onondaga, N. Y.	Oct. 23,	--
Cloth, improvement in the machine for shearing.	Ezekiah Heald, Norridgwork, Maine	Dec. 4,	--
Corn, improvement in the mode of grinding.	John Bicknell, Buckfield, Maine	Dec. 11,	--
Casks, improvement in the mode of making.	U. Emmons, Green county, New York	Jan. 8,	1823

Glover seed, machine for cleaning.	Nathan Mills and Isaac Rogers, Bath, New Hampshire	Jan. 14,	1823
Cotton yarn, machine for spinning.	Elisha Fuller, Attleborough, Massachusetts	Feb. 6,	--
Carpeting, improvement in making ingrain.	Wm. A. Prince, New York	Feb. 12,	--
Corn, machine for shelling.	Samuel Spooner, Petersham, Mass.	Feb. 27,	--
Cotton, improvement in the machine for cleaning.	W. Hopkins, Plainfield, Conn.	March 6,	--
Cotton, improvement in the machine for cleaning.	George T. Sadler, Lawrence co. Alabama	March 10,	--
Cradle, improvement on the grain.	Isaac Babcock, Rensselaer county, N. Y.	March 24,	--
Combs, mode of manufacturing.	Ira Ives, Bristol, Conn.	April 5,	--
Corn sheller, improvement in the.	William E. Sheffield, N. Y.	April 15,	--
Chair, improvement in the easy.	Joseph D. Finney, Keene, New Hampshire	May 8,	--
Clocks, wooden wheeled, thirty hour.	Ely Terry, Plymouth, Connecticut	May 26,	--
Clover seed, machine for cleaning.	Thomas D. Burrall, Geneva, New York	June 5,	--
Cotton gins, making saws and grates for.	Eleazer Carver, jun'r, Bridgewater, Mass.	June 12,	--
Cotton gins, improvement in.	Eleazer Carver, jun. Bridgewater, Massachusetts	June 13,	--
Cotton, improvement in manufacturing.	John T. Sharrocks, Winchester, Va.	June 20,	--
Cultivator, improvement in the.	Stephen Hubbard and Joseph Greaves, Wilmington, Vt.	June 21,	--
Cock, improvement in the stop.	Gaius Fenn, New York	July 12,	--
Carriages, construction of.	Johh B. Swan, Albany, New York	July 24,	--
Circular saws, improvement in.	John Brown, Boston	Aug. 13,	--
Chairs, machine for boring holes in.	David Johnson, Richmond Ohio	Sept. 19,	--
Corn stalks, machine for cutting.	A. Glendenning, Butler co. Pennsylvania	Sept. 25,	--
Circular saws, improvement in making.	Silvanus Bonnel, Chatham New Jersey	Sept. 26,	--
Crucibles, improvement in making.	James Dalliba, Watervliet, New York	Sept. 26,	--
Carding machine, improvement in the.	P. C. Curtis, Paris, Oneida county, New York	Oct. 15,	--
Cutting out clothes, mode of.	Ethan Campbell, Philadelphia	Nov. 6,	--
Canal locks, improvement in.	Jonas P. Fairlamb, Wilmington, Delaware	Nov. 27,	--
Cocks for drawing liquids.	Eli Dickinson, Amherst Mass.	Dec. 17,	--
Cotton scraper, improvement in the.	Horatio Stark, Wilkinson county, Miss.	Feb. 3,	1824
Cloth shearing machine, improvement in the.	Beriah Swift, Washington, N. Y.	Feb. 7,	--
Cotton, improvement in the process of manufacturing.	Elisha Congdon, Norwich, Conn.	March 12,	--
Copper bolts, making.	Berg and Ivers, New York,	March 15,	--
Carriages, wheel improvement in.	Bernard J. Malfeson, Burlington N. J.	April 6,	--
Corn shelling machine, improvement in the.	Lemuel Peck, Brookfield, Ct.	April 9,	--
Corn shelling machine, improvement in the.	John Moon, Fall's township, Bucks co. Penn.	April 20,	--
Cotton plant, improvement in cultivating the.	S. W. Pomeroy, Brighton, Mass.	May 6,	--

Clover seed, machine for cleaning.	Isaac H. Haskin, Columbia, New York	May 6, 1824
Cement, improvement in fire-proof.	H. Heiner, Mifflin township, Pennsylvania	May 10, --
Crossing or collapsing lever power.	William Scarbrough, Darien, Georgia	May 19, --
Corn shelling machine, improvement in the.	Hiram Hubbard, Palmyra, N. Y.	June 17, --
Carriage springs, improvement in.	Lemuel H. Parsons, Stock- bridge, Mass.	June 23, --
Carding machine, improvement in the.	C. Whiting, S. Lowder, and S. Lowder, jr. Dedham, Mass.	June 25, --
Chimneys, curing smoky.	Samuel Chase, Williamsport, Penn.	July 26, --
Crimping boots.	Ebenezer, G. Pomeroy, Lancaster, Ohio	July 27, --
Cotton gin, running gear for the.	Brittain Huckaby, Huntsville, Alabama	Aug. 16, --
Cutting straw, stocks, &c.	Noah Safford, Springfield, Vt.	Aug. 25, --
Cotton roping, machine for making.	George Danforth, Norton, Massachusetts	Sept. 2, --
Crank wheel motion.	James Wallace, Columbia, S. C.	Sept. 25, --
Curriers' knives, machine for sharpening.	James Bachelder, New Hampshire	Nov. 9, --
Corn shelling machine.	Lewis Whitney, New York	Nov. 13, --
Corn shelling machine.	Benjamin Crooker, New York	Dec. 2, --
Combs, mode of cutting.	Joel Brown, Springfield, Mass.	Dec. 8, --
Cheese press, improvement in the.	Joseph Pride, Pottsdam, New York	Dec. 9, --
Cellars, vaults, &c. construction of.	E. Ludlow, N. Y.	Dec. 14, --
Cloth shearing machine.	Wm. Hovey, Worcester, Mass.	Dec. 17, --
Corn shelling machine.	Alanson Little, Columbia, Conn.	Dec. 21, --
Cutting and rolling crackers.	Daniel Pool, Philadelphia	Dec. 24, --
Clapboards, machine for sawing.	E. Pray, E. Benjamin, and J. S. Stone, Livermore, Maine	Dec. 98, --
Corn sheller, improvement in the.	Peirson Reading, Trenton, New Jersey	Dec. 27, --
Coffee, machine for hulling and cleaning.	Roswell Abbey, N. Y.	Jan. 1, 1825
Cordage, machine for manufacturing.	Franklin Kellsey, Middle- town, Conn.	Feb. 8, --
Condensing steam and cooling liquor.	Benjamin F. Joslin, N. Y.	Feb. 9, --
Chimneys and fire places.	Lewis Kingsbury, Livonia, N. Y.	Feb. 9, --
Clover and other seeds, machine for cleaning.	B. Sutton, Romulus, New York	Feb. 10, --
Cooking apparatus, portable.	David Asher, Philadelphia	Feb. 18, --
Carding machine, wool.	E. Hale, jr. S. Hale, and J. Hale, Haverhill, Mass.	Feb. 18, --
Carding, improvement in wool.	N. Rider, Sturbridge, Mass.	March 12, --
Centre-board, used in vessels.	G. Fountain, Staten Island, New York	March 15, --
Changing the motion of machinery.	Ottis Pettee, Newton, Massachusetts	March 15, --
Cotton, separating the seed from.	Joseph C. and Thadeus Leavitt, Suffield, Conn.	March 24, --
Churning, machine for.	Abiram Baird, Scoharrie, N. Y.	March 15, --
Cloth, machine for scouring and fulling.	H. Hickox, Rutland, New York	March 26, --
Cloth, manufacturing into yarn.	Luther Crane, Ware, Mass.	March 26, --
Churn, improvement in the.	John P. Bortle, Claverack, Columbia county, N. Y.	April 14, --
Corn, shelling and grinding.	Samuel Fowkes, Catskill, N. Y.	May 4, --
Corn shelling machine.	Francis Price, New York	May 4, --
Cotton, packing.	Webb Hart, Petersburg, Va.	May 5, --

Clocks, astronomical.	Henry Miller, East Hanover, Lebanon, Pa.	-	-	May 5,	1825
Churn, impt. in the.	Asa Humphrey, Gray, Maine	-	-	May 9,	--
Cutter, rivet and bolt.	Holly Seely, Unadilla, New-York	-	-	May 12,	--
Cloth, improvement for raising the nap of.	Job Wilkinson, New-York	-	-	May 12,	--
Clocks, wooden wheeled 30 hours.	Eli Terry, Plymouth, Conn.	-	-	May 18,	--
Cotton planting, impt. in the mode of,	C. Ford, Painville, Virginia	-	-	May 26,	--
Coaches, impt. in making posts.	Richard Ward, Schenectady, New-York	-	-	June 2,	--
Cloth, machine for templing.	Philo C. Curtis, Paris, New-York	-	-	June 16,	--
Coffee, machine for roasting.	Peregrine Williamson, Baltimore, Maryland	-	-	June 18,	--
Coal, impt. in a kiln for charing.	Conrad Kownslar, Mill Creek, Virginia	-	-	June 20,	--
Corn shelling machine, impt. in the.	William C. Hawley, N-Y.	-	-	June 22,	--
Corn, impt. in the machine for shelling.	John Moore, Morrisville, Pa.	-	-	June 27,	--
Cloth, impt. in the machine for napping.	S. Marsh, Fairfax, Vt.	-	-	July 20,	--
Cider mills, impt. in.	T. Showerman, Covington, N-Y.	-	-	July 20,	--
Corn shelling machine, impt. in.	Samuel Lane, Hallowell, Maine	-	-	Sep'r 9,	--
Clocks, wooden wheeled 30 hours.	Eli Terry, Plymouth, Conn.	-	-	Sep'r 9,	--
Combs, impt. in a machine for cutting	P. Pratt, New-York	-	-	Sep'r 9,	--
Carriage, impt. in the Calash top.	G. Holloway, Baltimore, Md.	-	-	Sep'r 9,	--
Cotton packing, machine for.	Lewis Layssard, Halifax, North-Carolina	-	-	Sep. 28,	--
Churn, double dash.	Ezekiel Waterhouse, Gardiner, Maine	-	-	Sep. 29,	--
Coffee, mode of extracting strength of roasted.	Lewis Martelly, New-York	-	-	Sep. 30,	--
Cotton. impt. in the machine for pressing.	J. N. Gordon, Plymouth, N. C.	-	-	Oct. 8,	--
Canal boats, machine for raising.	S. Doolittle, Rochester, N-Y.	-	-	Oct. 25,	--
Corn shelling machine, impt. in the.	Amon Bailey, Poultney, Vermont	-	-	Nov. 1,	--
Chiro velocipede, impt. in.	Gideon Barker, Providence, R. I.	-	-	Nov. 1,	--
Currier's knife, impt. in the.	James Batchelder, Lancaster, N. Hamp.	-	-	Nov. 3,	--
Cast iron shoes, for horses, impt. in.	S. W. Whitman, Madison, Ohio	-	-	Nov. 4,	--
Cultivator, impt. in the teeth, &c. f.	William Beach, Phil'a	-	-	Nov. 8,	--
Coach lace, making,	William G. Barnet, Newark, N. Jersey	-	-	Nov. 18,	--
Cutter, in the punch rivet and screw.	L. C. Judson, Waterville, N-Y.	-	-	Nov. 18,	--
Combs, in cutting	Philo Pratt, Meredin, Conn.	-	-	Nov. 22,	--
Churn, cutting curds, &c.	James Buck, Chatham, Conn.	-	-	Dec. 5,	--
Cutting paper, machine for.	John M'Clintick and George Faber, Chambersburg, Penn.	-	-	Dec. 18,	--
Cement, water.	Simeon Guilford, Lebanon, Penn.	-	-	Jan. 11,	1826
Carriages, mode of retarding.	Ezra Slifer, Boonsborough, Md.	-	-	Jan. 16,	--
Cooking apparatus, impt. in a.	John Bouis, 78, Baltimore st. Baltimore	-	-	Jan. 19,	--
Corns, tincture for curing.	Elisha Smith, New Brunswick, New-Jersey	-	-	Jan. 20,	--
Cooking stove, impt. in the.	David Little, Hagerstown, Md.	-	-	Feb. 1,	--
Cotton, cleaning Sea Island.	Jesse Reed, Marshfield, Plymouth, Massachusetts	-	-	Feb. 3,	--
Canals, digging.	Jeremiah Brainard, Rome, Oneida county, New-York,	-	-	Feb. 10,	--

Cotton, machine for cultivating.	Francis H. Smith, Richmond, Virginia,	Feb. 15,	1826
Clocks, wooden wheel 30 hours: (re-issued.)	E. Terry, Plymouth, Conn.	Mar. 4,	--
Chests, wrought iron.	Jesse Delano, New-York	Mar. 7,	--
Candles, machinery for dipping.	William Day, Gardiner, Me.	Mar. 11,	--
Currying leather, knife for.	Freeman Palmer, New-Hamp.	Mar. 17,	--
Cotton press.	Gideon Glenn, Louisburg, North-Carolina	April 12,	--
Carpeting, loom for weaving.	Horace Baker, North Salem, New-York,	April 14,	--
Carronades, &c. elevating screw for	Enoch Hidden, N. Y.	April 26,	--
Cotton press, combined lever.	Eml. Venear, Halifax, N. Car.	May 10,	--
Canals, machine for excavating.	Lot Forrester, Ridgefield, Connecticut,	May 10,	--
Cordage, machine for making.	Erastus Bartholomew, Boston	May 17,	--
Chain cables,	Do Do	May 17,	--
Circular saw.	William Kendall, jr. Maine	May 18,	--
Carts and wagons, mode of loading.	Noah Osborn, Fairfield, Connecticut	May 23,	--
Canals, inclined rail-way for removing earth from.	William H. Doll, Harrisburg, Penn.	May 29,	--
Chimneys, improvement in.	A. G. D. Tuthill, Utica, N. Y.	June 8,	--
Cotton, mode of taking from the doffer.	Elijah Thompson, Lowell, Mass.	June 9,	--
Cotton and wool, machine for spinning.	William Carmichael, Sandy lake, N. Y.	June 10,	--
Cotton, flax and wool, rolling or twisting.	William Whitehead, jr. Patterson, New-Jersey	June 14,	--
Cataract, instrument used for the.	Thomas R. Williams, Philadelphia	June 14,	--
Corn shelling machine.	Jeremiah Dodson, Guilford, N. Carolina	June 15,	--
Clocks, 30 hours, wooden wheeled. (re-issued,)	Eli Terry, Plymouth, Conn.	July 5,	--
Cleave harrow for clearing ground.	Lemuel Tam, Sussex county, Delaware	July 11,	--
Cartridges for blasting rocks.	John B. Ives, Lebanon, Penn.	July 17,	--
Composition, applied to wool.	Ziba Parkhurst, Grafton, Mass.	Aug. 19,	--
Carding machine, improvement in.	James H. Arnold, Belmont, Ohio	Sep. 25,	--
Cellars and vaults, mode of constructing.	Henry Hallock, New-York	Oct. 24,	--
Corn, machine for shelling.	Elijah Russel, Greensboro' N. C.	Oct. 24,	--
Cannon, method of discharging.	Henry Whitcomb, Adams, New-York	Oct. 25,	--
Currying knife, constructing and grinding the.	Samuel Brooks, New-York	Nov. 13,	--
Cabbage machine for cutting.	F. Berkemeger and J. Dengler, Greenwick, Penn.	Nov. 14,	--
Corn, machine for husking.	Howlet Bushnell, Norwich Conn.	Nov. 14,	--
Cotton gin, mode of propelling the.	Peter Knox, Augusta Ga.	Dec. 7,	--
Coal sifter, improvement in the revolving.	Thomas Borbidge and Anson Martin, Kingston township, Penn.	Dec. 30,	--
Cement, water proof.	Simeon Guilford, Washington, D. C.	Jan. 16,	1827
Corn, machine for shelling.	Edward Newman, Guilford county, North-Carolina	Feb. 7,	--
Chair, improvement in the.	Jacob Daley, Baltimore	Feb. 9,	--
Churn, improvement in the rocking.	John G. Philip, Kinderhook	Feb. 15,	--
Cotton, improvement in the mode of packing.	William C. Thomas, Richmond county, N. C.	Feb 15,	--
Copperas, in the method of making.	Isaac Tyson, Baltimore,	Feb 15,	--

Cotton, machine for pressing.	Philemon White, Chatham county, N. Car.	-	-	-	-	Feb. 19,	1827
Cutting garments, mode of.	James G. Wilson, N. York	-	-	-	-	Feb. 28,	--
Cutting hard substances, machine for.	John H. Hall, Harper's Ferry, Virginia	-	-	-	-	Mar. 7,	--
Chimneys, wheel dampers for.	James Reiley and John Flanagan, Waynesburg, Penn.	-	-	-	-	Mar. 10,	--
Corn sheller, longitudinal.	George E. Waring, Poundridge, New-York	-	-	-	-	Mar. 16,	--
Churn, improvement in the.	Samuel L. Bagley, Hillsdale, New-York	-	-	-	-	Mar. 21,	--
Cotton roben, prepared for spinning.	Gilbert Brewster, Poughkeepsie, New-York	-	-	-	-	Mar. 28,	--
Cider mill, improvement in the.	Constant H. Wicks, Paris, New-York	-	-	-	-	April 9,	--
Clay tubes, improvement in making.	John R. Rowel and Henry Wise, Fredericktown, Penn.	-	-	-	-	May 10,	--
Canals, safety gate for.	Jacob Van-Dorn, Clen, Montgomery county, New-York	-	-	-	-	May 14,	--
Cock for hydrants, improvement in the valve.	Benjamin Stancliffe, Philadelphia	-	-	-	-	May 15,	--
Cotton press, improvement in the.	Richard Jarnigan, Waynesborough, North-Carolina	-	-	-	-	May 15,	--
Cleaning Machine, for wheat, rye, &c.	John Tyler, Claremont, New-Hampshire	-	-	-	-	May 18,	--
Carts for removing earth, improvement in.	Jeremiah Price, Lockport, New-York	-	-	-	-	May 18,	--
Churn, improvement in the.	Levi Rosenkrans, Urbanna, N. Y.	-	-	-	-	May 19,	--
Corn, machine for crushing with the cob.	S. K. Gauntt, Greenville, Tennessee	-	-	-	-	May 25,	--

D

Distilling of liquor.	Aaron Putnam, Medford, Mass.	-	-	-	-	Jan. 29,	1791
Distilling.	Nathan Reed, Salem, Mass.	-	-	-	-	Aug. 29,	--
Docks or harbors, machine for cleaning or deepening.	P. Zacharie, Baltimore, Md.	-	-	-	-	Nov. 24,	--
Distilling spiritous liquor.	Joseph Simpson, Richmond, Va.	-	-	-	-	Mar. 4,	1794
Duck sail weaving.	James Davenport, New-Jersey	-	-	-	-	Feb. 14,	--
Docks and harbors, a machine for cleaning.	Stephen Colver,	-	-	-	-	Dec. 14,	1798
Dough and paste, breaking.	Daniel Pettibone	-	-	-	-	Nov. 16,	1796
Distilling.	<i>See Evaporation.</i>						
Docks, machine for cleaning out.	John Greenleaf	-	-	-	-	July 13,	1802
Dry docks, improvement in erecting.	John Gardiner	-	-	-	-	Dec. 3,	--
Distilling spirits, improvement in.	Daniel Ilsley	-	-	-	-	May 14,	1803
Distillation by steam, in wooden or other stills.	E. and Thomas West, Fayetteville co. Ken.	-	-	-	-	July 8,	--
Double draught fire place.	Talmage Ross	-	-	-	-	Jan. 23,	1804
Double steam bath still.	John James Giraud	-	-	-	-	April 17,	--
Double crank.	<i>See Fulling Mill.</i>						
Dough, machine for breaking.	Laban Folgfr, Hingham, Mass.	-	-	-	-	Nov. 1,	--
Distillation.	<i>See Boiling.</i>						
Dye woods, machine for grinding, sawing.	John Matthews, Philadelphia	-	-	-	-	Aug. 13	1805
Distilling apparatus.	A. Heistand, Yorktown, Penn.	-	-	-	-	Nov. 27	--
Dough, machine for making.	Geo. Richards, Stonington, Conn.	-	-	-	-	Feb. 14,	1806
Dressing flax.	Elisha Mack	-	-	-	-	Mar. 21,	--
Diving machines.	Richard Tripe, Dover, New Hampshire	-	-	-	-	April 1,	--
Dye woods.	<i>See Grinding, &c.</i>						
Double forcing pumps.	Charles Colver, Champlain, N. Y.	-	-	-	-	April 1,	1807

- Distilling, apparatus for. A. Weaver, Adams co. Penn. - April 23, 1807
- Distilling or boiling water. Eli Barnum and Ben. Brooks, New Marlboro' Mass. - - - - - Mar. 21, 1808
- Door hinge. See *Friction Roller*.
- Double lever press. Caleb Johnson, New Glasgow, Va. - - June 3, --
- Dye woods, machine for rasping. Jesse Reed, Boston - - June 3, --
- Distilling. E. Barnum and B. Brooks, New Marlboro', Mass. - July 13, --
- Double. See *Boiler*.
- Dipping. See *Candles*.
- Distilling apparatus. A. Bouchrie, Philadelphia - - Jan. 3, 1809
- Dying of silk goods, machine for. W. Barret - - June 27, --
- Dye wood, machine for cutting. E. Hubbell, Middlebury, Vert. June 27, --
- Delaware Spinner. J. Alricks, Wilmington, Del. - - Oct. 11, --
- Distilling apparatus. W. Chamberlain, Vert. - - Mar. 17, 1810
- Dough, machine for breaking. C. Barnard, Nantucket, Mass. April 17, --
- Distilling by steam. John Morris Bennet, Middletown, Conn. May 1, --
- Distilling apparatus. A. Tobey, Alford, Mass. - - June 21, --
- Drying grain of all kinds. B. Parry, Bucks co. Penn. - - July 7, --
- Distilling. M. Garden, Staunton, Va. - - - - - July 13, --
- Draining plough. Stephen Hall, Boston - - - - - July 13, --
- Dye woods, machine for cutting. I. Richards, 3d, Norfolk, Connecticut - - - - - Aug. 13, --
- Domestic spinn r. E. Heavrick, Albany, N. Y. - - - - - Aug. 17, --
- Diving dress. Chauncey Hall, Conn. - - - - - Dec. 24, --
- Drying fuel for glass furnaces. James Lee, Philadelphia - - Jan. 14, 1811
- Distilling essential oils. D. Jewet, Pittsfield Mass. - - Jan. 24, --
- Distilling. Jacob Miller, Lancaster, Penn. - - - - - Mar. 2, --
- Distilleries and kitchens. William Gamble, Washington, D. C. April 18, --
- Dye woods, machine for rasping. Samuel Stone, Enosburg, Va. May 3, --
- Distilling. Andrew Dunlap, Boston - - - - - May 3, --
- Distilling. J. James Giraud, Baltimore - - - - - June 14, --
- Distilling and refining apparatus. Jacob Sherer and Abrah'm Killan, Lancaster, Penn - - - - - June 17, --
- Drying house for drying fruit. S. Strong, Wilkestownship, Ohio Sep. 2, --
- Distilling at one operation. Jonathan Shaw, Palmer, Mass. - Nov. 13, --
- Distilling. Lewis Lescesne, Belleville, N. J. - - - - - Dec. 4, --
- Dock, floating dry. Samuel Rose, N. Y. - - - - - June 15, --
- Distilling. Omri Carrier, Enfield, Conn. - - - - - Nov. 2, --
- Distilling. Omri Carrier, Enfield Conn. - - - - - Jan. 18, 1813
- Distilling. John Bates, Hartford, Conn. - - - - - Jan. 26, --
- Distilling and boiling liquors. J. Morris, New Haven, Conn. - Mar. 3, --
- Drawing wire, machine for. John J. Staples, Flushing, N. Y. May 10, --
- Dies, circular, improvement on Perkins. Jacob Perkins and Geo. Murray, Philadelphia - - - - - June 25, --
- Distilling, a cylinder heater for. C. Jenks and Abiel Perse, East Windsor, Conn. - - - - - July 12, --
- Die work, instead of etching. A. Brewster, Frankfort, Penn. July 15, --
- Distilling, heating the mash for. T. Balden, Hartford, Conn. Aug. 18, --
- Distillation, heating water for. A. Anderson, Philadelphia - Oct. 27, --
- Distilling apparatus. I. Hoffman, Shawangunk, N. Y. - Dec. 31, --
- Dye woods, for rasping and grinding. Joseph Broad, Springfield Mass. - - - - - Mar. 1, 1814
- Distillation. John W. Alder, Pennsborough, Penn. - - April 29, --
- Distilling. Wm. M. B. Wollias and H. P. Barlow, Oneida co. New-York - - - - - May 6, --
- Dye stuffs, cutting. Aaron Broad, Litchfield, Conn. - - June 9, --
- Dies for metals. Ben. Mead and Giles Richards, Boston - - July 2, --
- Distilling from grain, &c. Simon Shurtliff, Oneida co. N. Y. - July 5, --
- Distilling by steam. David Dewy, Sullivan, N. Y. - - July 5, --
- Dying silks. T. Harrison and Robert Pierpont, N. Y. - - Oct. 18, --

Distilling. Naphtali Hart, Easton, Penn.	-	-	-	Oct. 29,	1814
Distilling by steam, &c. Enos Brown, Oneida co. N. Y.	-	-	-	Jan. 23,	1815
Distillation, cooling mash for. Thos. Whitemell, Scotland Neck, N. C.	-	-	-	Sep. 2,	--
Distilling turpentine, tar, &c. Wm. Adam Rapp N. Y.	-	-	-	Dec. 4,	--
Distillation by steam. Hezekiah Kelly, Brooklyn, N. Y.	-	-	-	Feb. 16,	1816
Dye woods, saw mill for. John Elder, Hamilton, Mass.	-	-	-	Feb 16,	--
Dye woods, saw mill for. John Elder, Hamilton Mass.	-	-	-	April 11,	--
Distilling and rectifying, &c. John Whips, Jefferson co. Ken.	-	-	-	April 22,	--
Danger scape. Wm. Start, Greensborough, Md.	-	-	-	May 3,	--
Distilling. Norman Goodsell, Paris, N. Y.	-	-	-	June 13,	--
Distilling. Wm. Richardson, Kingston, N. Y.	-	-	-	June 15,	--
Distilling. E. Talmage, Lancaster, Ken.	-	-	-	July 8,	--
Distilling. Amos Blood, Boston	-	-	-	July 16,	--
Double stave and parallel jointer. J. S. Keen, Phil.	-	-	-	Oct. 1,	--
Docks projecting. Moses Rogers, N. Y.	-	-	-	Jan. 7,	--
Dye woods, machine for rasping. Beriah Swift, Washington, Duchess co. N. Y.	-	-	-	Feb 1,	1817
Dry docks, rotary. Joseph Webb, N. Y.	-	-	-	May 3.	--
Dying and finishing silk goods. A. Stearns and W. Barret, Cambridge, Mass.	-	-	-	Jan. 30,	1818
Drill for potatoes. George Harper, Jenkington, Penn.	-	-	-	Mar. 23,	--
Dogs, a new power. A. Tienan, N. Y.	-	-	-	April 2,	--
Dying and finishing silk. A. Stearns and W. Barret, Boston,	-	-	-	Sep. 8,	--
Distilling, improvement in. Pierce Woods, Frederick co. Md.	-	-	-	Sep. 29,	--
Distilling, improvement in. Charles Merot, Phil.	-	-	-	Nov. 5,	--
Dry dock, floating. Albert Brux, Augusta, Ga.	-	-	-	Nov. 6,	--
Double Speeder. Wm. Hines, Coventry. R. I.	-	-	-	Feb. 6,	--
Dying, tanning, &c. chesnut used in. W. Sheldon, Springfield, Hampton co. Mass.	-	-	-	Feb. 26,	--
Distilling, improvement in. James Caze, N. Y.	-	-	-	Mar. 18,	--
Double speeder for roping cotton. Paul Moody, Boston	-	-	-	April 3,	--
Distilling, apparatus for. Henry field, Camillus, N. Y.	-	-	-	June 17,	--
Domestic spinner. John Brown, Providence, R. I.	-	-	-	July 22,	--
Diving drum. Jasper Johnson, Albany, N. Y.	-	-	-	July 31,	--
Distilling, improvement in the apparatus for. Frederick Kalisky, Philadelphia	-	-	-	Dec. 14,	1819
Distilling, improvement in. Richard Wilcox, N. Y.	-	-	-	April 20,	1820
Diving, mode of. William Brookfield, Detroit, Mich. Ter.	-	-	-	July 17,	--
Draw grinding machine. Thomas Dakin, Harpers-Ferry, Va.	-	-	-	July 28,	--
Drying cloth by steam. Rolan Duncanright, Medway, Mass.	-	-	-	Aug. 30,	--
Double speeder, improvement on No. 1. Jon. Fisk, Med. Mass.	-	-	-	Dec. 7,	--
Do. No. 2. do. do.	-	-	-	Dec. 7,	--
Do. No. 3. do. do.	-	-	-	Dec. 8,	--
Do. No. 4. do. do.	-	-	-	Dec. 8,	--
Do. No. 5. do, do.	-	-	-	Dec, 8,	--
Double speeder, combination of improvements on the. Jonathan Fisk, Medway, Mass.	-	-	-	Dec. 9,	--
Dyewoods, machine for cutting. Elijah Converse, Dayton, Ohio	-	-	-	Jan. 10,	1821
Double speeder for roping cotton. Paul Moody, Boston	-	-	-	Jan. 19,	--
Distilling, improvement in. David Cutter, Butler co. Ohio	-	-	-	Feb. 20,	--
Dry scouring clothes. Thomas L. Jennings, New-York	-	-	-	Mar. 3,	--
Distilling spirits, improvement in. Robert Blaikie, N. Y.	-	-	-	April 27,	--
Duck or canvass sail, manufacturing. Josiah Chapman, Frankfort, Penn.	-	-	-	July 9,	--
Distilling, improvement in the still for. Ballazar J. Kallenbach, Philadelphia	-	-	-	Aug. 6,	--
Dry docks, improvement in. Ralph Bulkley, N. Y.	-	-	-	Aug. 23,	--
Distilling, improvement in the apparatus for. Henry F. Fisher, Philadelphia	-	-	-	Sep. 12,	--

Dry docks, improvement in floating.	Edward Covenhoven, Greenburgh, N. J.	- - - -	Oct. 30,	1821
Drawers, improvement in making.	Henry Brewer, N. Y.	- - - -	Feb. 28,	1822
Distilling, improvement in.	Philip Greiner, Brandywine Town- ship, Penn.	- - - -	April 17,	--
Dough, machine for making.	Josiah S. Fisher and Sylvester W. Talbot, Norfolk, Mass.	- - - -	April 25,	--
Drill, Cotton thinner and plough.	Wm. Willis, Edgefield Dis- trict, S. S.	- - - -	May 17,	--
Distilling, improvement in the apparatus for.	Uriah Swetland, Kingston, Penn.	- - - -	Nov. 18,	--
Distilling by steam, improvement in.	Elias Gilhausen, Halifax township Penn.	- - - -	Jan. 14,	1823
Double Speder, improvement in the.	Az. Arnold, North Pro- vidence, R. I.	- - - -	Jan. 21,	--
Distilling, improvement in.	Malcolm M'Donald, Fayette, Penn.	- - - -	Feb. 19,	--
Distilling, improvement in.	Increase Carpenter and J. Roe, New-York	- - - -	Jan. 29,	1824
Dresses, mode of finishing.	James R. Williams, Baltimore	- - - -	Mar. 3,	--
Diving suit, improvement in the.	W. C. Davison and D. Clark, Pittsfield, N. Y.	- - - -	July 26,	--
Distilling, machinery used in.	Daniel Jackson, Peru, N. Y.	- - - -	Dec. 28,	--
Deck lights for ships.	George Gray, Lynn, Mass.	- - - -	Mar. 26,	1825
Dowelling bit, improvement in the.	John Thomas, Washing- ton, D. C.	- - - -	April 2,	--
Dry docks, improvement in.	Christian Berg, N. Y.	- - - -	April 9,	--
Distilling spirits, improvement in the mode.	William Avery, Pomfrey, N. Y.	- - - -	May 13,	--
Dry docks, improvement in the floating.	Wm. R. Loweree, New-York	- - - -	June 23,	--
Dock, marine elevating, improvement in apparatus.	E. Buck and Henry Crehore, Boston	- - - -	July 11,	--
Do.	Robert Gerry and Abel Bayard, Boston, Mass.	- - - -	July 11,	--
Divital invention.	C. S. Rafinesque, Lexington, Ken.	- - - -	Aug. 23,	--
Delineator, improvement in the.	Jonas Weeks, N. Y.	- - - -	Sep. 9,	--
Dye woods, machine for cutting.	Ephraim Morris, Bloomfield, New-Jersey	- - - -	Sep. 27,	--
Distilling spirits, improvement in the method.	Abm. Whitson, Staunton, Va.	- - - -	Sep. 28,	--
Decay of vessels, mode of preventing.	Anthony Plantou, Ph'a.	- - - -	Oct. 1,	--
Distilling, in the apparatus for.	John C. Douglas, Troy, N. Y.	- - - -	Nov. 26,	--
Doors and sashes, mode of preventing from being too tight.	Daniel Fraser, N. Y.	- - - -	Dec. 12,	--
Dry docks.	Levi H. Clarke and L. M. Wiss, N. Y.	- - - -	Dec. 22,	--
Dock, ship rail way.	John Thomas, N. Y.	- - - -	Feb. 24,	1826
Doors, making rack bolts for.	J. Brown and George W. Robin- son, Providence, R. I.	- - - -	Mar. 24,	--
Dry docks.	Alonso Place, N. Y.	- - - -	April 1,	--
Distilling spirits from cider and grain.	Samuel Harwood, 3d, Braintree, N. Y.	- - - -	April 15,	--
Dress, boys'.	Charles Herwick, N. Y.	- - - -	May 16,	--
Dock, buoyant Maximin Isnard, N. Y.	- - - -	- - - -	June 22,	--
Dock, carrying and lifting trunk.	James Barron, Norfolk, Va.	- - - -	Aug. 2,	--
Dock, floating dry, improvement in the.	John Floyd, Kittery, Maine	- - - -	Aug. 19,	--
Dying the hair on skins.	Joseph Herring, N. Y.	- - - -	Nov. 19,	--
Dairy cooler, for milk, cream, &c.	David Witmer, Paradise, Pennsylvania	- - - -	Dec. 7,	--
Distillation, improvement in.	Normon and Anson Wolcott, Bloomfield, N. Y.	- - - -	Dec. 8,	--

E

Engine, improvement in fire.	Jesse Kersey	-	-	April 13,	1797
Engine, a capstan fire.	Sam. Eli Hamlin	-	-	Aug. 30,	1799
Evaporation, improvement in.	T. Bedwell and B. Henfrey,	-	-	Feb. 12,	1801
	Philadelphia	-	-		
Evaporation, mode of increasing for the purpose of distilling.	B. Henfrey, Lancaster co. Penn.	-	-	Mar. 2,	--
Engraving, improvement in the art of.	J. Hutton and G. Fairman,	-	-	Jan. 8,	1802
	Albany, N. Y.	-	-		
Essence of bark for dyeing, mode of extracting.	Sam. Downing,	-	-	April 19,	--
	Trenton, N. J.	-	-		
Economical house, and ship steam kitchens.	N. Bourean, Alexandria,	-	-	Aug. 30,	--
	D. C.	-	-		
Evaporating furnace.	John Richardson	-	:	Sep. 13,	--
Evaporating furnace, improvement in.	J. Richardson, Athens,	-	-	April 4,	1803
	Pennsylvania	-	-		
Extinguishing fires.	See <i>fires</i> .				
Earth, machine for raising and removing.	J. Platt, Albany,	-	-	May 4,	1805
	New-York	-	-		
Earth, machine for removing, &c.	Jacob Welsh, Boston	-	-	May 6,	--
Essence of tansy.	Israel Newton, Norwich, Va.	-	-	Feb. 28,	1806
Evaporation.	Thomas Arnold	-	-	Mar. 5,	--
Egyptian lock.	A. Ogier, Stansbury, N. Y.	-	-	Feb. 11,	1807
Economical furnace, or stove.	Joseph Poudrell, N. Y.	-	-	April 6,	1808
Elastic chair.	Sam. Gragg, Boston	-	-	Aug. 31,	--
Elastic trace and brace.	Ben. Giddins, Baltimore	-	-	Dec. 10,	--
Elevator, water.	John Henrick, jr. Albany	-	-	Feb. 1,	1810
Explosion.	See <i>Combustion</i> .				
Expanding and folding wheel.	H. Steward, Clark co. Indiana	-	-	Jan. 24,	1811
Evaporation, making salts by.	B. Wildborn, Washington, N. Y.	-	-	Feb. 4,	--
Elevator for the use of the sick.	J. Elliot, Newbury, Mass.	-	-	Feb. 15,	--
Electrophorus.	David F. Launy, Philadelphia	-	-	Aug. 23,	--
Elixir, restorative.	H. Frink, Northampton, Mass.	-	-	Jan. 6,	1812
Elevator and hopper boy.	Sam. Walgemoore, Washington,	-	-	Feb. 22,	--
	Dist. Col.	-	-		
Elevating grain, &c.	Jeremiah Bailey, Kennet Square, Penn.	-	-	June 19,	--
Edge tools, steel for.	Elisha Gordan, Philadelphia	-	-	June 26,	--
Extracts from barks, obtaining.	Wm. Greene Jessender, Walpole,	-	-	Oct. 20,	--
	N. H.	-	-		
Elevator for raising fluids, &c.	R. Christy, Jefferson co. Va.	-	-	Nov. 21,	--
Engine, water.	Joel M. Dupery, Woodford, Ken.	-	-	April 13,	1814
Evaporator for salt water.	Wm. M. Hawkins, King and Queen's	-	-	April 23,	--
	county, Va.	-	-		
Etching the end pieces of bank notes.	Henry S. Tanner, Phil.	-	-	July 1,	1815
Evaporate and steam engine.	David Heath, Phil.	-	-	July 26,	1816
Electrical apparatus.	T. Brown, Albany, N. Y.	-	-	Dec. 20,	--
Elixir of life	Julius Rucco, Baltimore	-	-	Mar. 29,	1817
Excavating plough	James Richmond, Hudson, N. Y.	-	-	June 28,	--
Elastic clamp.	Thos. Rowel Hoyt, Goffstown, N. H.	-	-	Dec. 6,	--
Emery making.	Wm. Garratt, New-London, Otsego. county,	-	-	Feb. 27,	1819
	New-York	-	-		
Engines for mills on brooks.	Jacob Toller, Phil.	-	-	July 13,	--
Earth in making roads, &c. apparatus for removing.	I. L. Skinner and S. F. Hooker, Sackett's Harbor, N. Y.	-	-	Mar. 23,	1820
Elliptical log-wheels.	Wm. B. Copley, Whitestown, N. Y.	-	-	May, 9,	1821
Elastic floor for propelling boats.	Oliver Phelps, Lansingburgh,	-	-	Nov. 17,	--
	New-York	-	-		
Engraving, making metallic plates for.	David H. Mason, Phil.	-	-	May 17,	1822

Elevators, for raising water.	Social Rolph, Albany, N. Y.	- Nov. 16,	1822
Engine, improvement in the rotary steam.	Dudley L. Farnam, New-York	- Feb. 19,	1823
Engine, improvement in the steam.	Amos Thayer, jr. N. Y.	- Mar. 6,	--
Evaporating liquids.	Abner Vansant, Jefferson county, Mi.	- Sep. 29,	1823
Extender.	Asa Bisbee, N. Yarmouth, Maine	- Jan. 27,	1824
Earth, stone, &c, removing.	Orange H. Dibble, Niagara coun- ty, N. Y.	- Feb. 20,	--
Engine, improvement in the atmospheric.	Eb. and Js. Prentiss, Baltimore	- June 22,	1824
Earth, mode of loading and unloading.	John Owings, Balt.	- Aug. 27,	--
Extending and multiplying power.	Wm. Kendall, jr. Water- ville, Maine	- Jan. 16,	1826
Engine, gas or vapour.	Samuel Morey, Oxford, New-Hamp- shire	- April 1,	--
Barth, machine for removing.	Peirson Reading, Trenton, New- Jersey	- June 1,	1826
Do.	Cyrus Barnard, New Lynn township, Penn.	July 14,	--
Evaporating liquids.	Charles Sholes, Phelps, N. Y.	- July 26,	--
Elevating liquors to upper rooms.	John A. Smith, N. London, Connecticut	- Aug. 7,	--
Engine for throwing water.	G. Shalk and William Tintoff, Lebanon, Penn.	- Sep. 23,	--

F

Fire, to rescue from.	See <i>Construction</i> .		
Fire, to stop the progress of.	B. Taylor, N. Y.	- Mar. 23,	1794
Fish, improvement in the-manner of catching.	J. Ellicot, Penn.	Mar. 25,	1795
Flax and hemp, spinning of.	See <i>hemp and flax</i> .		
Flour and meal, improvement in manufacturing of.	Oliver Evans, Phil.	- Dec. 18,	1796
Forgeries, to prevent.	See <i>Punches</i> .		
Fire engine.	See <i>Engine</i> .		
Fire place, improvement in.	C. W. Peal	- Nov. 16,	1797
Flax and hemp.	See <i>Mill</i> .		
Force obtained by water.	S. Morcy, Alford, N. H.	- Nov. 17,	1800
Flax, machine for breaking.	John Cannon	- Jan. 17,	1801
Flax breaking, machine for.	John Cannon, Wilmington, Del.	Jan. 17,	--
Forcing pump.	John Evelth, Providence, R. I.	- June 13,	--
Fish, improved mode of carrying in warm weather.	N. Robins, Burlington, N. J.	- Mar. 11,	1802
Flat roofed houses and balconies, improvement in.	Henry John- son, Baltimore	- May 1,	--
Fire stop, improvement in the.	Elisha Putman	- Aug. 24,	--
Finding salt water and metals.	V. Cook, Kentucky.	- Nov. 1,	--
Fire engine, improvement in.	Stephen Stewart	- Dec. 6,	--
Fire place.	See <i>Double draught</i> .		
Fastenings or springs.	See <i>Window</i> .		
Fires, method of extinguishing in houses.	Sam. F. Lord, jr.	Mar. 10,	1803
Flax seed, machine for cleaning.	Paul Gottry	- April 24,	1804
Fan.	See <i>Columbian</i> .		
Fulling mill, improvement in.	called the double crank. Levi Osborn	- July 12,	--
Forcing pump to raise water.	Aaron Taylor	- Oct. 4,	--
Filtering machine.	Dan. M. Mullen and Thos. M'Curdy, Phil.	Nov. 16,	--
Fire, composition to prevent houses from catching.	D. Stodder	Nov. 16,	--
Fire place.	See <i>Clcse</i> .		
Flour mill.	Samuel Church, Amherst, Mass.	- May 4,	1805
Fanning mill.	See <i>Smut, &c</i> .		

Fluids, machine for raising.	D. Tomlinson, Brookfield, Conn.	May 27, 1805
Flax.	See <i>Dressing</i> .	
Fulling mill and washing machine.	John Kennion, Dutchess co. New York	March 26, 1806
Filtering impure water and wine. &c.	Solomon M'Combs, Joseph Smith, and Ben. D. Galpin, Baltimore	May 24, --
Fire place with a flat funnel.	Abraham Fisher	Feb 17, 1807
Fire brick, mode of making.	Eben. Jenks, Canaan, Conn.	Feb 17, --
Fire places and stoves, improvement in.	A. Pollock, Boston	April 23, --
Fire engine, improvement in.	Jacob Smith, jun. New York	May 20, --
Filtering pot.	Michael Freytag, Philadelphia	July 1, --
Flour and meal, mode of manufacturing.	O. Evans, Philadelphia	Jan 22, 1808
Fire places, or open stoves, improvement in.	J. F. Gould, Newburyport, Massachusetts	Feb 1, --
Fanning mill for grain, &c.	Samuel Dodge, Cleveland, Ohio	Feb 9, --
Forcing pump, with double action.	E. Cady, jun. Chatham, N. Y.	March 9, --
Fire places, improvement in.	G. Gridley, Newburyport Mass.	March 14, --
Fanning mill for grain or clover seed, &c.	O. Barrett, jun. Sandy Hill, New York	March 23, --
Furnace or stove.	See <i>Economical</i> .	
Friction, mode of lessening in carriages.	Robert Kilborn, Great Barrington, Massachusetts	April 12 --
Faucets for drawing liquors.	Ira Ives, Bristol, Conn.	April 14, --
Friction roller, door hinge.	John Bailey, jun. Plymouth, Mass.	May 16, --
Floating dry dock.	William Rhodes, New York	May 16, --
Funnels for fluids.	Philip Apple, Philadelphia	July 13, --
Fanning and winnowing mill.	Ben. Atwell, Burlington, N. Y.	Sept 19, --
Forcing pump.	See <i>Pneumatic</i> .	
Fastening window shutters.	J. Blanchard, New York	Jan 14, --
Flax and hemp, machine for dressing.	Richard S. Chappel Pawlet, Rutland county, New York	Jan 18, 1809
Flax and hemp machine	Eli F. Hill. Onandago, New York	Feb 11, --
Fur cutting machine.	E. Cutters, Battleboro', Virginia	March 1, --
Finishing silks.	See <i>Silks</i> .	
Frame for finishing.	See <i>Dyeing</i> .	
Flax dressing machine.	J. Barlow, Granville, Massachusetts	Aug 23, --
Furrowing, machine for.	M. and I. Nichols, Otsego, N. Y.	Oct 12, --
Flexible platform for giving motion.	John Johnston, jun. Charleston, South Carolina	Nov 22, --
Fishing seine.	P. Croff, Little York, Pennsylvania	Dec 16, --
Felloes, machine for sawing	W. F. Sheffield, New York	Dec 20, 1809
Floating mill and silent fisher.	E. ord, Charleston, S. C.	Dec 20, --
Funnel with a vent.	D. Clarke, West Stockbridge, Mass.	April 9, 1810
Flax machine.	Oliver Wilde, Canaan, New York	April 16, --
Fur cutting machine,	Martin Clark, New York	April 21, --
Felloes, machine for dressing.	S. Church, Amherst, Mass.	April 25, --
Fanning mill.	Sam. Snedeker, Johnstown, New York	April 27, --
Fur cutting machine.	Eleazer Sprague, Danbury, Conn.	May 1, --
Fire places.	Eben Whiting, Great Barrington, Massachusetts	June 18, --
Fire places.	do do do	June 27, --
Flax and hemp, machine for breaking.	N. P. Robinson, Fleming county, Kentucky	Aug 31, --
Forcing pump for fire engines.	Eli Smith, Palmer, Mass.	Nov 6, --
Fire places. grated.	Aug. Brown. Fredericktown, Maryland	Nov 24, --
Frictionless cylinders.	John P. Swain, Roxbury, Massachusetts	Jan 24, 1811
Felloes for wheels.	J. Goulding, Leicester, Massachusetts	Feb 28, --
Fire cavern.	Abraham Quincy, Boston	March 20, --
Fire places.	Peter Stenberg, Montgomery, New York	March 28, --

Floating engine for supplying ships.	J. P. Randolph, N. Y.	April 25, --
Flax and hemp break.	E. Rumsay, Christian county, Ken.	April 25, --
Flax and hemp break.	J. C. Johnson, Fayette county, Ken.	May 16, --
Fire arms.	W. Thornton and J. H. Hall, Washington	May 21, --
Fur cutting machine.	J. Whetherle, Boston	May 28, --
Fanning mill.	J. W. Jessup, Fredericktown, Maryland	June 18, --
Flax and hemp, break for.	Robert Miller, Lexington, Ken.	July 13, --
Flax and hemp, break for.	Jacob A Dana, Cassanovia, N. Y.	July 23, --
Fish.	See <i>Wear</i> .	
Files, machine for cutting.	E. Gehbe, North Hampton co. Penn.	Oct 10, --
Flax and hemp, breaking.	William Harper, Richmond, Va.	Oct 15, --
Flax and hemp, breaking.	A Tanner, Trumbull county, Ohio	Oct 24, --
Fire places, improvement in his.	Peter Sternberg, Montgomery county, New York	Oct 28, --
Flyers, for spinning cotton.	A. Watton Keene, N. H.	Jan 6, 1812
Febrifuge.	A. Johnson, North Cumberland, Pennsylvania	Jan 11, --
Flax and hemp for roving, &c.	William Griffen, New York	Jan 11, --
Flax and hemp, substitute for.	C. Whitlow, New York	Jan 11, --
Fanning mill.	Thomas S. Barnum, Sharon, Connecticut	Jan 15, --
Files, machine for cutting.	M. Burke, Belknap, Brimfield, Mass.	Jan 16, --
Flour manufacturing.	J. R. Madison, New York	Jan 27, --
Furnace for heating ovens.	A. H. Quincy, Boston	Feb 17, --
Fish glues.	See <i>Ichthyocalla</i> .	
Flax and hemp preparing	John Owings, Baltimore	March 5, --
Flax and Hemp.	See <i>Spinning</i> .	
Fire engine.	See <i>Pump</i> .	
Forts.	Edward Clark, Philadelphia	April 2, --
Files cutting.	C. Hesser and A. Paxton, Philadelphia	April 11, --
Files cutting.	Levi and David Anderson, Philadelphia	April 20, --
Fire places, fluted back.	Eli Mix, New Haven, Connecticut	April 25, --
Faucet, plugged.	William Jones, New York	May 13, --
Fair dealer, or the charta lusoriæ.	Robert Bailey, Washington	May 15, --
Fur skins, machine for cutting.	Ira Ives, Bristol, Connecticut	May 19, --
Foot stove with stone heaters.	A. H. Quincy, Boston	June 13, --
Files, machine for cutting.	M. Burk, Belknap, Worcester, Md.	June 14, --
Flax dressing machine.	J. Hawes, Hudson, New York	June 19, --
Files, rasps, &c. machine for cutting.	S. Gilman White, Haverhill, Massachusetts	July 11, --
Fire engines.	I. Hathaway, Walton, New York	Aug 6, --
Fire engines.	A. Pollock and J. Perkins, Boston	Aug 6, --
Eumiductors.	W. A. Baron, New York	Sept 10, --
Elyer for spinning cotton.	M. Newton, Fitchburgh, Mass.	Sept 28, --
Feather cloth.	J. and B. Sizer, New London, Connecticut	Oct 21, --
Fuel, saving of.	Zina Phinney, Cairo, New York	Oct 31, 1812
Files, machine for cutting.	Wm. T. James, Greenwich, N. Y.	Nov 19, --
Fiyer for spinning.	Nath. Giles, Fitchbury, Massachusetts	Nov 19, --
Felting, machine for making of.	O. Barrett, jun. Troy, N. Y.	Dec 8, --
Fire engine.	John Achman, Washington, D. C.	Dec 30, --
Fire place and chimney, &c.	Sam. Morey, Philadelphia	Jan 18 1813
Fur cutting machine.	Ephraim Cutter, Walpole, N. H.	Feb 4, --
Fever medicine.	Samuel Thompson, Surry, New Hampshire	March 2, --
Fire places.	David F. Launy, Philadelphia	March 18, --
Fire engines.	Jacob Perkins, Newburyport, Massachusetts	March 23, --
Furnace for casting brass, &c. portable.	J. Share, Baltimore	March 30, --
Flax and hemp breaking.	Ira Millard, Kent, Connecticut	May 6, --
Flax and hemp machine.	Francis Hill, Tennessee	Oct 7, --
Flood gate.	Benjamin S. Hort, Georgetown, South Carolina	Oct 9, --
Fire places.	John C. Brush, Washington	Jan 28, 1814
Files cutting.	C. and D. Platt, Shawn, Connecticut	March 7, --

Furnace for melting ores, &c.	T. Gregg, Connellsville, Penn.	March 16, --
Furnace for melting ores.	T. and J. Barnhurst and William Walker, Philadelphia	May 14, --
Files cutting.	Silas Hawes, Bennington, Virginia	May 11, --
Fire proof ceiling.	Benjamin J. Harris, Richmond, Va.	May 17, --
Flax and hemp dressing.	G. H. Ricketts and John Kinney, jun. Mount Pleasant, New Jersey	July 12, --
Flax and hemp dressing.	do do	Oct 24, --
Fanning mills.	Samuel Fitch, Homer, New York	Oct 29, --
Flax and hemp, machine for spinning.	J. Francis, Chappins, New York	Nov 8, --
Flax and hemp, machine for preparing.	P. Antrim, Philadelphia	Nov 25, --
Fanning mill.	Joel Soper, Windsor, Connecticut	Dec 3, --
Fishing vessel and nets.	James Wills, jun. Galoway, N. J.	Dec 17, --
Fur cutting machine.	William Jackson, Burlington, N. J.	Feb 2, 1815
Fur pulling machine	do do	Feb 2, --
Furnaces and fire places.	Peter Tomlinson, Derby, Conn.	March 7, --
Floating battery.	George Stiles, Baltimore	April 4, --
Files, machine for cutting.	John Hatch, Dedham, Mass.	May 16, --
Fulling mill.	Asa Danielson, Otsego, New York	May 16, --
Fire places, construction of.	E. Bartholomew and W. Church, Boston	Aug 18, --
Fort stove.	Allen Greely, Oxford, Massachusetts	Dec 23, --
Filtering water.	Joseph Du Commun, New York	Feb 10, 1816
Fan for cleaning wheat.	William Adams, Virginia	March 1, --
Franklin stove.	James Wilson, Poughkeepsie, New York	March 9, --
Fan for wheat.	S. Weaver, Frederick county, Maryland	March 11, --
Fire places.	E. Rand, Hudson, New York	March 27, --
Fur cutting machine.	D. Beard, Guilford, North Carolina	April 30, --
Flax and hemp, machine for cutting.	C. and W. A. Benton, Armenia, New York	May 23, --
Fanning mill for cleaning wheat.	B. D. Beecher, New Haven, Connecticut	May 30, --
Flax and hemp breaking.	T. Pullen, Lexington, Kentucky	June 20, --
Franklin stove, improvement in the.	J. T. Van Sicker, Poughkeepsie, New York	July 3, --
Flax and hemp prepared.	W. Hickingbottom, New York	July 12, --
Floating wheel.	J. Owings, Baltimore	Sept 9, --
Floating valve wheel.	I. J. Richardson, Geneva, New York	Sept 26, --
Fur cutting and cloth shearing machine.	B. Martial and D. Johnson, Concord, New Hampshire	Dec 7, --
Floating dry dock.	J. Adamson, Boston	Dec 13, --
Floating machine, for mud.	S. Davis, Baltimore	Jan 22, 1817
Fire places.	Levi Shepherd, Massachusetts	Jan 25, --
Folding paddle.	Eben. Jenks, Colebrook, Connecticut	June 6, --
Fire places.	William Salisbury, Derby, Virginia	Aug 16, 1817
Fires, mode of extinguishing.	See <i>Chimnies</i> .	
Flour worm for cooling flour	J. Smelzer, Adams county, Penn.	May 6, 1818
Farmer's spinner, for wool.	John Brown, Providence, R. I.	May 12, --
Files, machine for cutting.	Cyrus Jackson, Butternuts, N. Y.	May 23, --
Furnace and boilers for manufacturing salt.	Samuel Anthony, Lynchburg, Virginia	May 29, --
Flax and hemp, machine for breaking.	W. Van Duzer, Warwick	June 30, --
Perry boats.	Thomas Cahoon, Pittsfield, Massachusetts	June 25, --
Fire places and stoves.	E. Haskell, New London, Connecticut	June 25, --
Fire places and stoves.	Chauncey Guernsey, Poultney N. Y.	July 7, --
Fur, extracting hair from.	John Hollingshead and Daniel Baker, Trenton, New Jersey	Aug 19, --
Fetters for horses.	Joseph Watson, New Canaan, Conn.	Jan 15, --

Fan for cleaning wheat.	Edward Brooks, Wilmington, Del.	Jan 28, --
Founder's moulding dies.	Eben. Bryant, New London, Conn.	March 18, --
Fire engine.	John Richardson, jun. Shrewsbury, Mass.	July 24, --
Fire places, improvement in.	Eben Jenks, Colebrook, Conn.	Sept 2, --
Fire places, improvement in	Eliphalet Nott, Schennectady, New York	Feb 3, 1819
Floor cloths, paper.	Francis Guy, Baltimore	Feb 23, --
Fly wheels used as a power.	John Ardronau, New York	April 25, --
Fire places close and open.	John C. Brush, Washington, D. C.	Aug 19, --
Ferry boats, propelling.	Robert Speeden, Easton, Maryland	Aug 26, --
Flood gates for mills.	J. Lucas, jun. Charleston, S. C,	Nov 6, --
Fire engine assistant, or life pole.	Wm. W. Van Loan, Catskill, New-York,	Feb 2, 1822
Fire places, improvement in.	Joseph Maggini, Baltimore	Feb 4, --
Fire places, improvement in.	Stephen Spalding, Colchester, Connecticut,	April 11, --
Fire engine, improvement in the.	Solomon Lockwood and William Lovland, Little Falls, New-York,	April 16, --
Fire places, mantle and fender for.	Elijah Skinner, Sandwich, New-Hampshire,	April 19, --
Fire engines, improvement in.	Ebenezer Higgins, Saratoga, New-York,	April 27, --
Fire places and stoves, improvement in.	Lemuel Hitchcock, Wethersfield, Vermont,	May 4, --
Flax, machine for breaking and swingling.	S. Davidson, Ro- mulus township, New-York,	May 17, --
Flax and hemp machine.	Henry Burden, Albany, N Y.	June 15, --
Flax and hemp machine.	William Cumberland, New-York,	July 9, --
Flax and hemp machine.	James Macdonald, New-York,	Aug 31, --
Forge, hollow fire.	Samuel Collins, Springfield, Mass.	Sept 11, --
Flax and hemp dressing machine.	Naman Goodsell, Paris, New-York,	Sept 19, --
Floating vessels, machine for.	John Denny, Queen Ann coun- ty, Maryland,	Oct 3, --
Fire arms, improvement in.	Albern Holcomb, Litchfield, N. York,	Oct 31, --
Flumes for mills, improvement in the.	A. Messer, Providence, Rhode-Island,	Nov 19, --
Flax and hemp, improvement in the machine for breaking.	Wm. Cumberland, New-York,	Nov 29, --
Flax and hemp, machine for dressing.	James Macdonald, New-York,	Jan 18, 1823
Flax and hemp, machine for dressing.	Joseph Hines and Wm. Bain, Columbus, Ohio,	Feb 3, --
Fire proof furnace, improvement in.	John Miller, (mason) Northampton county, Pennsylvania,	March 13, --
Flax and hemp, machine for breaking.	Naman Goodsell, Clin- ton, Oneida county, New-York,	March 21, 1823
Fire-fender, improvement in the.	Matthew Benson, Ohio,	May 19, --
Forks, making four pronged.	Granville Martin, Waterbury, Connecticut,	June 13, --
Fire engine and water pump.	E. Williams and J. Collins, Fal- ley x roads, Massachusetts,	June 20 --
Fencing, improvement in.	Othello Church, Friendship, N. Y.	July 3, --
Forks, improvement in making dung.	Christian Lawrence, Chatham, New-York,	July 23, --
Fires in chimneys, extinguishing.	Daniel Berrien, N. Y.	Aug 21, --

Forges and furnaces, backs for. Lewis Gillet, Copenhagen, New-York,	Aug 21, --
Flax, improvement in breaking, dressing, &c. Asa Hook, Maine,	Sept 9, --
Fanning mills, improvement in the. David Neefus, Flat Lands, Island, New-York,	Sept 22, --
Fulling woollen cloth, improvement in. M. W. Northrup and R. R. Dillon, Sussex county, New-Jersey,	Dec 4, --
Flax and hemp, machine for breaking. Frederick Cox, Somerville, Somerset county, New-Jersey,	Dec 4, --
Fids for supporting masts. Benjamin Rotch, junior, 6 Upper Berkley Place, Bristol, England,	Dec 10 --
Flax and hemp, machine for dressing. Benjamin Lewis, Ligonias, Maine,	Jan 28, 1824
Fur blower. William B. Rotch, Bristol, England,	March 9, --
Fire engine, horizontal. Luther Holland, Becherstown, Mass.	March 11, --
Fishing, improvement in. Daniel Gordon, Lower Chanceford, Pennsylvania,	March 27, --
Forks, making four tined. Martin Stevens, New-Haven, Conn.	April 16, --
Flax and hemp dressing machine. Platt Wakalce, Augusta, Oneida county, New-York,	April 16, --
Flax and hemp dressing machine. Erastus Kellog, Palmyra, New-York,	May 11, --
Flax and hemp dressing machine. William C. Davison, Pittsford, New-York,	June 22, --
Fanning mill. Lemuel Peck, Brookfield, Connecticut,	Aug 13, --
Flyer used in spinning, &c. O. G. and N. Rogers, Whitestown, New-York,	Aug 28, --
Fly killing machine. Andrew Glendening, Loudon county, Va.	Sept 9, --
Flax and hemp, machine for breaking and swingling. Reynolds Gilman, New-York,	Nov 5, --
Flax and hemp, machine for dressing. Franklin Kellsey, Middletown, Connecticut,	Nov 26, --
Flax and hemp, machine for dressing. Thomas S. and A. Barnum, New-York,	Nov 27, -
Flour, mode of preserving. William Wood, junior, St. Clairsville, Ohio,	Dec 4, --
Felloes, mode of cutting. B. L. Greenough, Lebanon, N. H.	Dec 21, --
Family spinner. D. Pool and A. Copeland, Philadelphia,	Dec 24, --
Flax breaking machine. Pierson Reading, Trenton, N. J.	Jan 3, --
Floom for water wheels. Jabez B. Fletcher, Richmond, Me.	Feb 16, --
Family spinner and bobbin winder. John Gill, Plum township, New-York,	Feb 19, --
Flax, machine for dressing. Francis Burdick, Kortright, N. Y.	Feb 28, --
Flour, mode of preserving. Edwin Hord and B. Browning, Fleming county, Kentucky,	March 12, --
Flax, machine for dressing. William Wheeler, Warren, N. Y.	March 26, --
Fanning mill, improvement in the. Enoch Walker, Springfield, Pennsylvania,	March 28, --
Fire places and chimneys. Cyrus Blood, Hagerstown, Md.	April 7, --
Furnaces for fossil coal. Daniel Stansbury, Belleville, N. J.	April 15, 1824
Friction, mode of lessening. Peter Freeman, Morris county, New-Jersey,	June 1, 1825
Fire places, improvement in. William Hoyt, Brookville, Ind.	June 3, --
Fire brick and fire clay, improvement in. Richard H. Smith, Baltimore, Maryland,	Sept 27, --
Fur. mode of preparing for hatters. Arnold Buffum, Troy, Mass.	Sept 28, --

Furnace for heating hatters' irons, &c.	G. V. Raymond, Richmond, Virginia,	Sept 29, --
Forge and furnace water back and towel.	Asa Blood, Conhoughton, New-York,	Sept 29, --
Fan and screen, improvement in the.	John Peyton, Orange county, Virginia,	Nov 7, --
Furnaces, constructing.	Oliver Woodruff, New-York,	Nov 7, --
Furnaces for burning anthracite coal.	John L. Sullivan, N. Y.	Nov 26, --
Flax and hemp, rotting by steam.	Archilles Chinn, Harrison county, Kentucky,	Dec 28, --
Felloes, machine for sawing.	P. [James C.] Collier, Catskill, New-York,	May 20, 1826
Furnaces and stoves for heating hoops.	Garrett Post, Auburn, New-York,	May 22, --
Flax and hemp dressing, machine for.	Joseph Hines and W. Bain, New-York,	Aug 11, --
Fur, machine for cutting.	Jeremiah Hubbard, Jamestown, North Carolina,	Nov 4, --
Fanning mill, improvement in the.	O. Pinney and James Olmstead, Caledonia, New-York,	Nov 7, --
Furnaces, fire places, and stoves, improvement in.	Social Rolph, Whales, New-York,	Nov 8, --
Furnaces for burning anthracite coal.	William Church, Boston, Massachusetts.	Nov 20, --
Fire arms, improvement in.	Fordyce Ruggles, Hardwick, Massachusetts,	Nov 24, --
Fire places, forges, and furnaces, improvement in.	J. W. Booth and William Lyman, Boston,	Nov 29, --

G

Gin, cotton.	See <i>Cotton Gin</i> .	
Grain and corn, thrashing of.	Samuel Mullikin, Philadelphia,	March 11, 1791
Gun powder.	Henry Keyser, Philadelphia,	Aug 10, --
Grain thrashing, &c.	William Hodgson, Virginia	March 28, 1794
Thrashing of } Cleaning of }	Wheat. See <i>Wheat</i> .	
Cleaning of seed.	See <i>Seeds</i> .	
Glass, apparatus for cutting.	Benjamin Du Val,	Feb 14, 1799
Grist mills, improvement in.		Feb 20, 1800
Gin for cotton.	See <i>Cotton Gin</i> .	
Grain separated from straw, machine for.	Christopher Hoxie, Hudson, New-York,	Aug 25, 1801
Gin rollers metallic, for cleaning cotton.	G. F. Saltonstall, Fayetteville, N C	Sept 2, --
Grist mill, improvement in.	John W. Holley,	March 27, 1802
Gun lock, improvement in.	Edward West, Fayette county, Kentucky,	July 6, --
Grain, machine for thrashing.	Joseph Pope,	July 22, --
Gauge auger, improvement in.	Abel Stowell,	Feb 14, 1803
Grain and grass, improvement in cutting.	R. French and J. T. Hawkins,	May 17, --
Grinding painters' colour, printers' ink, &c. improvement in.	John Cist,	Dec 3, --
Gallows, or suspenders, improvement in.	S. Smith, New-London, Conn.	Oct 24, 1804
Gun powder, machine for granulating.	E. J. Du Pont de Nemours,	Nov 23, --

Gun barrels, machine for boring. See <i>Boring</i> .	
Grist mill, improvement in. J. Copes, Georgetown, Del.	May 2, 1805
Glazing and polishing linens. W. Smith, N. Y.	May 9, --
Gun carriages, improvement in. S. Hawkins, N. Y.	Feb 19, 1906
Grinding, sawing, and rasping dye woods. John Matthews, Philadelphia,	Feb 6, --
Grist mill. Ezekiel Hall, Haverhill, Mass.	Feb 22, 1807
Gunners quadrant. C. Hammond, Concord, Middlesex county, Massachusetts,	May 5, --
Galvanism for salivating, &c. William Phœbus, N. Y.	June 9, --
Green colour, mode of preparing. B. A. De Carrendeffez, New-York,	Oct 12, --
Gauge for saw mills. Anson Blake, Lincoln, Kentucky,	Nov. 27, --
Grinding bark, &c. machine for. O. Pease and A. Donalds, Norwich, Conn.	March 18, 1808
Geometrical interest table. Gershom Cobb, Boston,	Sept 7, --
Grinding bark, machine for. Paul Pillsbury, Newbury, Mass.	Sept 22, --
Grist mills, improvement in. Rupes W. Adams, Marlborough, Vermont,	Dec 8, --
Geer press See <i>Cheese</i> .	
Gin. See <i>Hollands</i> .	
Geometrical interest table. Gershom Cobb, Boston,	April 24, 1809
Geometrical writing plates. Samuel Ellis,	Nov 25, --
Grain, machine for cleaning, &c. Joel Morgan, Baltimore,	Feb 20, 1810
Grain, method of separating onion seed from. L. Ruggles and D. Tomlinson, Brookfield,	March 16, --
Gas lamp. David Melville, Newport, R. I.	May 1, --
Gun barrels, machine for turning. Seth Youngs, Hartford, Conn.	May 1, --
Grecian chaise body. Phineas Dow, Boston,	May 15, --
Grain and grass, cutting and gathering. J. Comfort, Buck's county, Penn.	Feb 29, 1811
Gin, mode of making. Erastus V. Freeman,	April 10, --
Granulating gun powder. Richard Crosbie, Newark, N. J.	Feb 17, 1812
Grates. Charles Hunt, New-York,	March 17, --
Grinding corn in the cob. William Mayo, Henrico, Va.	May 15, --
Gas lamp. David Milville, Newport, R. I.	March 13, 1813
Gimlet twisted screws. J. Broad, Salisbury, Conn.	June 25, --
Gun powder. Thomas Ewell, Georgetown, D. C.	Dec 7, --
Gauge for a trip hammer. B. Richardson, Western, Mass.	May 17 1814
German flute. William Schaffer, New-York,	June 6, --
Gun carriage pivot. Luke M. Loughton, Portsmouth, N. H.	Nov 29, --
Gun powder granulating. Joseph Wasley, Bern, N. Y.	Feb 21, 1815
Guns and rifles. Frederick Oswan, Harper's Ferry, Va.	Feb 25, --
Graphic plates for bank notes. John Meer, Philadelphia,	July 1, --
Grain, screen for cleaning. E. Tisdale, Windham, Conn.	July 17, --
Grain, machine for thrashing and cleaning. A. D. Leroy, N. York,	July 29, --
Glass furnace, for making. J. Stranger and A. H. Miller, Philadelphia,	Aug. 16, --
Gas light from stove coal. Z. Enters and W. Zigler, Georgetown, D. C.	Sept 28, --
Grain, machine for hulling and grinding, &c. T. Ellicott, Penn.	Feb 16, 1816
Gas making, carbonated hydrogen. B. Hugler, Philadelphia,	April 23, --
Glass making. William Price, Pennsylvania,	March 4, --
Gun powder, granulating. Charles Dahmas, Wilmington, Del.	April 26, --
Grain cleansing. Israel Honeywells, Hillsdale, N. Y.	April 27, 1816
Greasing the axletrees of carriages. F. Brimler, N. Y.	Aug 22, --

Grammatical Key.	James Brown, jun. Newark, N. J.	March 3, --
Gurida depurative.	John James Girand, Baltimore,	Sept 9, 1817
Gate, rising and faucet.	J. Brainard, Oneida co. N. Y.	Oct 4, --
Gun barrels, making.	A. Waters, Milbury, Mass.	Oct 25, --
Gilding on leather, &c.	Andrew Allen, New-York,	Dec 26, --
Grammatical Mirror.	John Brown, jun. Springfield, N. Y.	March 17, 1818
Grain, machine for cleaning, &c.	A. Fettrow, York, Penn.	May 28, --
Gun, rifle, &c. to discharge 7 times.	Artemas Wheeler, Roxbury, near Boston,	June 16, --
Gun powder, granulating.	Daniel Rogers, Newburg, N. Y.	Aug 6, --
Gill nets, catching fish.	James Drummond, N. Y.	Aug 27, --
Gun barrels.	Asa Waters, Milbury, Mass.	Dec 21, --
Gun and rifle barrels, improvement in.	Artemas Wheeler, Mass.	Feb 19, 1819
Grain, machine for hulling.	Benjamin Maltby and Maltby Fowler, New-Haven, Conn	Feb 26, --
Gun or rifle, improvement in the.	Obadiah Stith, Quanelsville, Brunswick, Virginia,	March 16, --
Galley for ships, or fire hearth range.	George Youle, N. Y.	March 19, --
Glass strings for pianos.	Richard Bury, Albany, N. Y.	Aug 21, --
Granulating gun powder.	Gardiner Fulton, Philadelphia,	Aug 21, --
Gun stocks, machine for turing.	Thomas Blanchard, Milbury, Mass.	Sept 6, --
Gun powder, improvement in making.	Joseph M. Merrow and Robert M. Kee, junior, East Hartford, Connecticut,	April 19, 1822
Glass lights for ships, &c.	Joshua Oakes, Boston,	May 11, --
Ginning cotton, machine for.	S. Pennoyer, Cross-river, West Chester, New-York,	July 24 --
Gun powder, machine for granulating.	William H. Richardson, Baltimore,	Aug 3, --
Glass buttons, furnace for.	George W. Robinson, Attleborough, Massachusetts,	Aug 19, --
Glass buttons, finishing.	Spencer Richards, Attleborough, Massachusetts,	Aug 29, --
Grid-irons, improvement in.	Daniel Ball, Ballstown Spa, N. Y.	
Glue, improvement in making.	John Henry Mark, Phil'a,	Oct 3, --
Gas, making combustible.	William Gamet, Rome, N. York,	Dec 27, --
Grinding, machine for.	John Bolton, Warren, New-York,	Jan 9, 1823
Grass seeds, machine for cleaning.	Howland Child, Canton, Maine,	Jan 11, --
Girth, improvement in the elastic spring.	Peter Harry, Harrisburg, Virginia,	Feb 1, --
Grain cradle, improvement in the.	Isaac Babcock, Ransselearville, New-York,	March 24, --
Grain, machine for grinding.	J. C. Langdon and J. Thrash, Troy, New-York,	Sept 26, --
Grain, machine for scouring and cleaning,	John Litchenberger, Philadelphia,	Nov 24, --
Guns, improvement in.	Alexander Bowden, Newark, N. J.	Jan 10 1824
Grain, improvement in scouring.	Lot Forrester, Ridgefield, Connecticut,	Feb 13, --
Gun barrels, rolling the scalps of.	John Bruce, Springfield, Massachusetts.	Oct 15, --
Gas, machine for charging liquids with.	Joseph H. Laning, Davidson county, Tennessee,	Dec 22, --
Grasses, making brushes and brooms of.	Shad. H. Weed, N. Y.	Feb 28, 1825
Grain, cast iron mill for grinding.	Henry Bailey, Hartford, Connecticut,	May 14: --

Geographical garden, discovery of. Geo. W. Cherry, Derby, Connecticut, - - - -	May 27, 1825
Guns, improvement in making percussion. James Tyrer, Petersburg, Virginia, - - - -	June 3, --
Glass furniture knobs, improvement in making. J. P. Bakewell, Pittsburg, Pennsylvania, - - - -	Sept 9, --
Grate, improvement in the reverberating. Robert Mayo, Richmond, Virginia, - - - -	Nov 1, --
Garments, mode of measuring and cutting. S. Stephenson, Baltimore, - - - -	March 15, 1826
Gauge sight for steam boilers. Wm. Baker, Kingston, Penn.	March 24, --
Gun stocks, crooking. John Schirer, Charleston, S. Carolina,	April 12, --
Geer, screw, for machinery. Charles Wartham, Warrenton, North Carolina, - - - -	April 24, --
Grain, cleaning. Lemtel Lee and Cornelius Masten, Penn Yan, New-York, - - - -	April 25, --
Globes, making the inner body of. Wm. B. Annin, Boston, Massachusetts, - - - -	May 4, --
Garments, scale for draughting. N. B. Starr, Philadelphia,	July 10, --
Grinding machine, for shelled corncobs, &c. Jarvis Webster, Philadelphia, - - - -	July 31, --
Glass knobs. H. Whitney and E. Robinson, Cambridge, Mass.	Nov 4, --
Gin, improvement in the common foot. James B. Barnes, Beaufort, South Carolina, - - - -	Nov 6, --
Grate and blower for Leheigh coal. S. C. Moott and William Holmes, New-York, - - - -	Nov 26, --
Grater, corn and apple. Camm Moore, Gardiner, N. C.	Dec 30, --
Gas for engines, charing wood for. Samuel T. Jones, Phil.	Jan 17, 1827
Gun lock, improvement in the. Simon Cromwell, Edgecomb, Maine, - - - -	Feb 3, --
Geering for mills, making. Charles Neer, Waterford, N. Y.	March 6, --
Grinding and polishing hard and soft substances. Benjamin Green, Hartford, Vermont, - - - -	March 27, --

H

Hydraulics, improvement in. Joshua Hatheway, Vermont	Oct 29, 1794
Harbors. See <i>Docks</i>	
Hemp, &c. breaking and swingling of. Samuel Mullikin, Phil.	March 11, 1791
Hemp and flax, &c. spinning of. George Parkinson, Phil.	March 17, --
Hemp and flax breaking. Samuel Mullikin, Philadelphia	Jan 15, 1795
Hats making. James Long - - - -	Aug 5, 1799
Hoops of iron, improvement in straightening. B. Seymour	June 26, 1797
Hides and skins, machine for splitting. T. O. Harrison	May 19, 1800
Hydraulic machine for raising water. Bar. Langdon, St. Alban's, Vermont - - - -	Feb 20, 1801
Hydraulic engine. John Strong - - - -	March 24, --
Hemp and flax, mode of breaking. Hezekiah Betts - - - -	May 3, 1802
Hulling rice, machine for. Christopher Hoxie, Hudson, N. Y.	Jan 7, 1803
Horizontal wind mill. John Baptiste Avelthe - - - -	March 16, --
House fan, improved. Edward Marquam - - - -	March 23, --
Heating and boiling. See <i>Water</i> .	
Hinges, machine for making. David Morse - - - -	June 10, --
Hats, improvement in the mode of manufacturing. E. Corning, jun. Hartford, Connecticut - - - -	June 13, --
Hats. See <i>Seals' Fur</i> .	
Horizontal draft wind mill. Samuel Goodwin - - - -	Oct 31, --
Hydro Mechanical press. John Beverly - - - -	Dec 26, --
Hemp and flax. See <i>Breaking</i>	
Hone. See <i>Metallic Grinder</i>	
Horses cars, mode of improving. Seth Janes - - - -	Dec 31, 1804

Hackling. See *Toiv*.

Hats, machine for making bats or frames for wool. R. Gookins, New-Hampshire, Massachusetts	- - -	Jan 24, 1806
Hoisting machine. Wm. Purden, Baltimore	- - -	March 19, --
Hemp and flax machine. R. Button, Cassenovia, New York	- - -	Feb 11, 1807
Hats. See <i>Carding</i> .		
Heating rooms, mode of. Allan Pollock, Boston	- - -	April 24, --
Heating water for steam by the rays of the sun. Mat. Long- well, Gettysburg, Pennsylvania	- - -	July 11, --
Harrow, improvement in. Seth Vinton, Willington, Conn.	- - -	Nov. 18, --
Hoop and sheet iron. J. H. Pierson, Rockland	- - -	Dec. 24, --
Hemp machine for breaking and swingling. T. Cohoon, Wash- ington	- - -	April 13, 1808
Hats, cloths, &c. mode of manufacturing from the fleece, with- out bowing. R. Pitkin, East Hartford, Connecticut	- - -	April 23, --
Hydrant for drawing water from aquæducts. D. Burt, She- nectady, New-York	- - -	June 22, --
Heating liquids. Samuel Bolton, Philadelphia	- - -	Jan 16, 1809
Holland gin, mode of making. A. Bouchrie, Philadelphia	- - -	Jan 31, --
Horse boat. Moses Craft, Troy, New-York	- - -	Feb. 14, --
Hand saw. See <i>Saw</i>		
Harness. Benjamin Mirick, Rutland county, New-York	- - -	April 21, --
Hubbs, machine for dividing and boring. J. B. Cleveland, Ber- gen, New-Jersey	- - -	June 7, --
Hemp and flax spinning machine. N. Foster, Flamsbury, Ken.	- - -	June 28, --
Hats, mode of manufacturing. Henry Lainhart, jun. Balt.	- - -	July 6, --
Hot pressing paper. Francis Baily, Philadelphia	- - -	July 31, --
Hydraulic ram. Jos. Cerneau and S. J. Hallet, New-York	- - -	Aug 3, --
Horizontal mill. Israel Kelsey, Hartford, Connecticut,	- - -	Aug 25, --
Horse shoes, machine for making. S. Decatur and W. Tat- ham, Washington	- - -	Oct 11, --
Hides, improvement in Bent's machine for splitting. W. Brown, Philadelphia	- - -	Nov 20, --
Heat to fluids, mode of application. S. Applegate, T. How- ard, and P. H. Wharton, Philadelphia	- - -	Nov 22, --
Hemp break. William Mason, Washington county, Ohio	- - -	Dec 28, --
Hopper blower. T. S. Barnum, Sharon, Connecticut	- - -	Jan 18, 1810
Hair, method of extracting from peltry. E. Cutter, Walpole, New Hampshire	- - -	Feb 12, --
Hats, planking. John Gregg, Green county, Pennsylvania	- - -	March 14, --
Hoops, Machine for shaving. David Shiver, Petersburg, Penn.	- - -	March 17, --
Horse mill. Ephraim Brown, Boston, Massachusetts	- - -	April 10, --
Hides, machine for shaving and splitting. N. P. Whiting, Pro- vidence, Rhode Island	- - -	April 25, --
Hats, mode of manufacturing military. S. Hoskins, Catskill, New York	- - -	April 30, --
Hinges, mode of casting. G. A Rogers, Newburyport, Mass.	- - -	July 3, --
Harness, mode of making, for saddlery. B. Foster, D. Washburn, N. Rockwell and J. O. Walker, Castletown, Virginia	- - -	Aug 1, --
Hessian fly, mode of destroying. W. Armistead, Prince William county, Virginia	- - -	Nov 13, --
Hats, manufacturing. S. Sibballs, jun. Tyringham, Mass.	- - -	Dec. 26, --
Horses, training and breaking. Townsend Cock, New York	- - -	March 1, 1811
Hats, planking and setting. Israel Swan, Haverhill, N. H.	- - -	March 7, --
Hats, steaming, &c. J. Sizer, New London, Connecticut	- - -	Nov 6, --
Hats of paper. Joseph Ford and John White, Boston	- - -	Nov 25, --
Hydro pneumatic engine. R. Crosbie, Newark, N. J.	- - -	Jan 6, 1812
Hats. Frederick Messer, Guildhall, Vermont	- - -	Jan 23, --
Horse hoofs, &c. combs made from. E. Morris, Cauviss, South- ington, Connecticut	- - -	May 6, --

Hatters, machine for boiling for.	H. S. Holliday and E. G. Griffin, Lyme, Connecticut	June 6, 1812
Hides, machine for breaking, &c.	N. Kirk and S. Clark, St. Clairsville, Ohio	July 18, --
Hides and skins breaking, &c.	T. E. Barker and S. S. Fordham, Hudson, New York	Oct 15, --
Hinge, elliptical.	M. and R. Reeve, Burlington, New Jersey	Oct 31, --
Hulling machine.	S. Hought, Philadelphia	Nov 16, --
Hide, mill for softening, &c.	W. Edwards, Northampton, Mass.	Dec 30, --
Hair.	See <i>Cloths</i> .	
Hats, mould for forming, &c.	J. Werely, Albany, New York	Oct 14, 1813
Hair, machine for spinning.	W. Shotwell and A. Kinder, N. Y.	Nov 4, --
Hair, machine for carding, &c.	do do	Nov 4, --
Hopper, filler for flour.	A. Hiershe, Lancaster, Pennsylvania	Jan 15, 1814
Hats, making felt.	J. Carleton, Salem, New Hampshire	Jan 21, --
House warmer, &c.	R. Annesley, Philadelphia	April 27, --
Hinges, cast iron.	Cyrus Alger, Boston	May 18, --
Horn, splitting and shearing.	John Pulsifer, Newbury, Mass.	May 24, --
Holdfast for buttons.	Ira Ives, New Haven, Connecticut	June 18, --
Horse boats, machine for.	David Dunham, New York	June 28, --
Harness buckles, cutting.	James Carman, Hudson, N. Y.	Oct 12, --
Heater and condenser for distilling.	Thomas Shurley, Madison county, Virginia	Nov 18, --
Heddes, metallic, for weaving.	W. James and D. Bolles, Ashford, Connecticut	April 26, 1815
Hydrastatic paradox to move, machine.	Cad. D. Colden, N. Y.	May 19, --
Hats, manufacturing.	Jehiel and John Bryan, Saratoga, N. Y.	Aug 26, --
Heat, space applied to steam engine.	E. Burrall, Canaan, Conn.	Jan 31, 1816
Hats, making cemented.	Nathan Weston, Reading, Mass.	May 24, --
Hats, blocking.	David Beard, Guilford, North Carolina	May 28, --
Hatters' plank kettle.	Schuyler Fisher, Herkimer co. N. Y.	July 15, --
Hats, improvement in.	William Goodrich, Philadelphia	Aug 20, --
Horse mill.	William Cornwell, Accomak, Virginia	Dec 14, --
Hydraulic machine.	Charles Darmand, Georgetown, D. C.	Aug 7, 1817
Hats, water proof stiffening.	William Ruckie, Baltimore	Nov 28, --
Horn, manufacturing for combs.	M. P. Smith, Poughkeepsie, New York	Jan 28, 1818
Hulling grain, machine for.	Benjamin Maltby and Maltby Fowler, New Haven, Connecticut	Feb 28, --
Hulling grain, machine for.	James Jones, Willington, N. H.	Feb 25, --
Horse rake.	Pierson Reading, Trenton, New Jersey	Aug 1, --
Horse wheel to propel boats.	R. Bowne and J. Murphey, N. Y.	Nov 18, --
Hydraulic machine.	Joseph James Lyngamore, Maryland	Nov 18, --
Heat retainer and impartor.	J. K. Mitchell, Philadelphia	Nov 19, --
Hides, machine for breaking.	William M. D Hashbrouch and Jacob Dufenback, Bloomsbury, Pennsylvania	Feb 8, 1819
Hats, making.	Silas Mason, Norfolk, Massachusetts	Feb 20, --
Hoe, improvement in the.	E. Kimball, Fitchbury, Mass.	April 3, --
Hydraulic machine.	Jeremiah Black, Northumberland county, Pennsylvania	April 23, --
Hat rounder and gauge.	S. Jones, Bridgeport, Fayette county, Pennsylvania	June 2, --
Horse boats, improvement in the.	B. and J. C. Langdon, Troy, New York	June 5, --
Hot pressing, heating plates for.	Moses A. Quigley, Washington county, Maryland	June 15, --
Heights and distances, machine for measuring.	Benjamin Wilmer, Baltimore	Aug 20, --
Hats, water proof stiffening for.	J. Heinric Tilge, Washington	Sept 23, --
Horse wheel.	Moses Isaacs, New York	Nov 17, 1819
Hanging bells.	Anthony Lynar, New York	Dec 24, --

Hollowing iron for fire, &c.	See <i>Fire, mode hollowing.</i>	
Hats, elastic water proof.	Arnold Buffum and J. Kelly, Medford, Massachusetts	Feb 17, 1820
Hoe, improvement in the common.	P. H. Merrill, Hinsdale, N. H.	April 6, --
Horse shoes improvement in.	J. B. Brown and J. Farmer, Boston	March 11, 1822
Hair, mode of taking from the skins of the Nutria.	Samuel Brooks, New York	April 4, --
Horse hay rake, improvement in the.	Moses Pennock, East Marlborough, Pennsylvania	June 26, --
Hulling machine for grass seeds, &c.	Thatcher Blake, Paris, Maine	July 12, --
Hydrometer, improvement in the.	J. C. Tucker and E. Dwelle, Boston	Dec 23, --
Hulling grain, machine for.	John Bolton, Warren, New York	Jan 9, 1823
Hats and bonnets, weaving straw for.	Lucy Burnap, Merrimack, New Hampshire	Feb 15, --
Hames, improvement in the chaise.	Herrick Aiken, Brighton, Massachusetts	March 12, --
Hoes, improvement in.	Joseph Watson, New Canaan, Conn.	July 26, --
Hulling grain, machine for.	Nathaniel Barrett, Paris, N. Y.	Aug 21, --
Hats, improvement in the kettle for coloring.	Joel Taylor, Danbury, Connecticut	Nov 20, --
Harrow teeth, improvement in making.	William M'Conaughy, Newgarden, Pennsylvania	Dec 8, --
Hydrants, improvement in the construction of.	T. Gibson, Phil. Do S. Ewing, do	Dec 13, -- Dec 19, --
Hats, machine for steaming and hardening.	Nirum Wildman, Danbury, Connecticut	April 2, 1824
Horse and oxen shoes, improvement in making.	Peter Sternberg, Danube, New York	April 10, --
Horse wheel, improvement in the inclined.	J. Keller and S. Burt, Cincinnati, Ohio	April 23, --
Horse wheel, improvement in the inclined.	John Bradford, Lexington, Kentucky	May 14 --
Hulling grain, machine for.	William J. Hart, Talmage, Ohio	May 21, --
Hydraulic machine, double reacting.	James O'Connor, Bedford, Pennsylvania	May 29, --
Hoe-harrow, improvement in the.	Aquila Newbern, Bristol, Pennsylvania	June 1, --
Hub or gig band, improvement in the carriage.	Christian Cornelius, Philadelphia	June 18, --
Horse scythe.	John A. Wadsworth, Newport, Rhode Island	July 3, --
Hats dyeing.	Israel Taylor, Trenton, New Jersey	Aug 27, --
Hatters' grates for boilers, &c.	Hubert V. Raymond, N. Y.	Sept 16, --
Harrow, self-sharpening.	H. Hopkins and J. Pratt, Pompey, New York	Nov 9, --
Horse-rake, improvement in the revolving.	Moses Pennock Kennett Square, Chester county, Pennsylvania	Nov 23, --
Horse-rake revolving.	do	Feb 8, 1825
Hoes, improvement in making.	Paul Whitin, Northbridge, Massachusetts	Feb 22, --
Horse power to all kinds of machinery.	Benj. Maltby, N. Y.	April 11, --
Hat bodies, improvement in the mode of making.	Joseph Grant, Providence, Rhode Island	April 28, --
Hatters' planking kettle, improvement in.	Ezra Joyce, Brooklyn, New York	June 6, --
Hubs, cast iron, improvement in.	Benjamin Lyman, Manchester, Connecticut	Oct 29, --
Hydrostatics. &c. improvement in.	E. C. Genet, Albany, N. Y.	Oct 31, --

Horse wheel barrow, improvement in the.	Ireh Rowley, Pittsford, New York	Nov 1, 1825
Hats, mode of coloring and dyeing.	Morris Burt, Warwick, N. Y.	Nov 8, --
Hats, mode of planking wool.	Laban L. Macomber, Bath, Me.	Dec 31, --
Heat, evolution and management of.	Eliphalet Nott, Schenectady, New York	March 23, 1826
Horse mill.	Adl. Warren, Saugertius, New York	April 15, --
Hats, machine for finishing and ironing.	James Cooper and Thomas Barnett, Philadelphia	May 31, --
Heat, evolution and management of.	E. Nott, Schenectady, New York	June 21, --
Hydraulics, improvement in.	Wm. Lanphier, Alexandria, D. C.	Sept 2, --
Hubs of wheels, boring machine for the.	Ebenezer Johnson, Lexington heights, New York	Nov 7, --
Hay, double box for pressing.	E. Waterhouse, Gardiner, Maine	Nov 14, --
Hides, machine for breaking.	Hezekiah S. Clark, Randolph county, North Carolina	Dec 22, --
Hats, application of steam in making.	William Harkins, Wheeling, Ohio county, Virginia	Dec 29, --
Heat, improvement in the evolution and management of.	E. Nott, Schenectady, New York	Dec 29, --
Hoes, in making.	Chauncey Bulkley, Colchester, Connecticut	Jan 10, 1827
Heating ovens, rooms, &c. mode of.	Michael B. Poitiaux, Richmond, Virginia	Jan 17, --
Hats, improvement in the mode of planking	R. Bacon, Boston	Jan 31, --
Harrow teeth, in the apparatus for constructing.	William M'Conaughey, Newgarden township, Pennsylvania	Feb 16, --
Horse rake, for hay and grain.	Moses and Samuel Pennock, East Marlborough, Pennsylvania	Feb 17, --
Hatters' cards, mode of making.	Joseph C. Seely, New York	March 15, --
Horse hay rake, improvement in the.	Jeremiah Bailey, Phil.	March 30, --
Hominy, machine for making.	Robert Cambell, Martinsburg, Virginia	April 9, --
Hatbodies, machine for setting up.	Joseph Grant, Providence, Rhode Island	April 10, --
Hats, water proof stiffening.	Stephen Hempstead, jr. Charles county, Maine	May 25, --
Heat, evolution and management of.	Eliphalet Nott, Schenectady, New York	May 30, --

I

Iron, improvement in casting.	William Hancock	Feb 26, 1799
Impellent pump.	S. Thayer, Braintree, Massachusetts	June 9, 1801
Iron, method of rolling out for nails.	Jesse Reed	July 15, 1802
Insubmersible boat.	See <i>Boat</i> .	
Inclined plane, statical wheel.	John William, Deerfield, Mass.	March 24, 1804
Iron screws.	See <i>Moulds</i> for casting.	
Iron, mode of manufacturing.	James Rutland, Philadelphia	Nov 12, 1807
Impelling boats, &c.	Benjamin Taylor, New York	April 25, 1808
Illuminator for lighting stair cases.	J. H. Ross, Baltimore, Md.	June 24, --
Indigo, a substitute for.	Samuel De Riemer, Poughkeepsie, New York	May 15, --
Iron, machine for moulding and rolling.	Joseph White, Phil.	March 14, 1810
Ink stands of stone.	A. H. Quincy, Boston	Sept 3, 1811
Iron, mode of making bar from scraps.	B. King, Washington, District of Columbia	Nov 15, --
Icthy occalla, or fish glues.	D. Waldron, New York	March 4, 1812
Iron ore manufacturing into paints.	Nicholson, Bairdstown, Kentucky	June 23, --
Interest table, circular.	Joseph Jelleff, Butternuts, N. Y.	Sept 8, --

Ice breaking machine.	J. J. Williams, Georgetown, D. C.	March 2, 1813
Ink stands.	Oliver Barker, Hartford, Connecticut	May 13, 1814
Iron, composition for softening.	A. Scott, jun. and A. Seldon, Winchester, New Hampshire	Nov 8, --
Iron back log.	Charles Harris, Boston	May 15, 1815
Interest table, improvement on Jelleff's.	Gilbert D. Lowe, Hampfield, Pennsylvania	Aug 12, --
Imprinting on hard substances.	John Edwards, New York	Aug 22, 1816
Inclined horse wheel.	J. B. Robinson, Cincinnati, Ohio	Oct 14, --
Iron railing, machine for making holes in.	B. King, Wash- ington, District of Columbia	May 29, 1819
Iron, converting into steel partially.	Eben. Jenks, Colebrook, Connecticut	Jan 28, 1818
Iron plates, &c. manufacturing.	E. J. Ellicot, Baltimore	May 28, --
Ink standish, construction of.	A. Hayward, Easton, Mass.	Nov 23, --
Inclined horse wheel.	J. Palmer, Cincinnati, Ohio	Dec 29, --
Iron and steel, improvement in making.	H. G. Spafford, Al- bany, New York	Oct 30, 1822
Inclined wheel, dead weight application to the.	George Ly- man, St. Charles parish, Louisiana	March 4, 1823
Isinglass or ichthycolla, making.	William Hall, Boston	March 23, --
Do	John Hastings, Cambridge, Mass.	Aug 14, --
Inclined wheel, propelling the.	N. H. Shaw, Charlotte Hall, Maryland	Oct 9, 1824
Inclined plane, double.	Archibald Tanner, Warren, Penn.	April 15, 1825
Iron and other metals, machine for slitting.	Jesse Reed, Marshfield, Massachusetts	April 21, --
Iron and other metals, splaying and flaring.	Noah Sutton, Bowery, New York	April 28, --
Inclined plane.	Edward Clark, New York	June 27, --
Ice, applying to conduit pipes.	Henry Cunningham, Johns- town, New York	June 29, --
Inclined wheel, manner of using the.	Elias Holliday, Scho- harie, New York	May 5, 1826
Iron, improvement in the mode of rolling.	Abraham S. Valen- tine, Bellefonte, Pennsylvania	Jan 3, 1827
Irons for planes and jointers.	Chs. E. West, Colchester, Conn.	Jan 10, --
Inlaying gold in tortoise shells.	Uriah Bailey, West Newbury, Massachusetts	Feb 22, --

J

Jaundice bitters.	Jesse Wheaton, Dedham, Massachusetts	Jan 17, 1801
Junk old.	See <i>Oakum</i> .	
Joining and planing machine.	J. S. Mott, Alburgh, St. Albans, Vermont	March 8, 1806
Jointer and guage.	J. Wadsworth, Milton, Massachusetts	Feb 10, 1810
Jostick, a composition instead of.	Frederick Eckstein, and J. M'Ilhenny, Philadelphia	Oct 12, 1814
Jack.	William Hoyt, Brookville, Indiana	June 3, 1825
Jointing and matching boards.	D. Gleason and H. Frisbee, Betheny, New York	April 8, 1826
Jointing and tonguing boards.	Elijah B. Clark, Damascus, Pennsylvania	Jan 31, 1827

K

Keels. See *Crooked Keels*.

Keels of vessels, improvement in construction.	Gilbert Living- ston, Dutchess county, New York	Oct 22, 1803
Kilns for drying grain.	William Pool, Wilmington, Delaware	Dec 20, 1805

Kilns for drying grain.	J. Abraham, Middlesex, New Jersey	Dec 20, 1805
Knapsacks, military.	J. P. Lherbette, Washington, D. C.	Oct 7, 1808
Kirb.	See <i>Case</i> .	
Kiln, drying corn and malt.	John Hughson, Clinton co. N. Y.	July 18, 1811
Keel, swinging.	Josiah Beall, Alexandria	Jan 15, 1815
Kitchen stove.	John Spencer, Albany, New York	Feb 8, 1813
Kitchen, moveable.	George Youle, New York	July 1, 1814
Knapping cloth.	D. Merriam and H. Kellog, Hudson, N. Y.	Oct 28, 1811
Knapping cloth.	T. S. Barnum and E. Smith, Litchfield, Conn.	April 4, --
Knapping cloth.	W. Duncan and J. Davidson, Acworth, N. H.	May 27, --
Knitting stocking and stockingnette.	A. Porter, I. Mead and J. Stedwell, Queensbury, New York	July 31, 1815
Kilns for manufacturing earthen ware.	J. Hassell, Elizabethtown, New Jersey	Oct 21, --
Knapping machine.	John Taylor, Waltham, Massachusetts	Oct 28, --
Keel, swinging false.	Philander Hall	April 2, 1816
Kiln for burning lime.	T. Power, Hudson, New York	Jan 7, 1817
Kiln for burning lime.	G. Harper, Jenkertown, Pennsylvania	Jan 22, --
Kiln for burning lime.	J. Swope, Lancaster, Pennsylvania	March 14, --
Knapping woollen cloth.	Bishop N. Parsons, New York	April 16, --
Kneading dough, machine for.	S. Dixon, Prince Georges county, Maryland	Feb 23, 1818
Kettles for boiling salt.	J. Kindall, Fayette county, Penn.	March 18, --
Kettles, setting.	George Whitfield, Robinson, Massachusetts	July 17, --
Kiln for drying malt by steam.	David St. Leger, Williamson county, Tennessee	Aug 30, 1822
Kiln for drying grain.	R. Andrews, Fleming county, Ken.	Nov 7, --
Knife for splitting leather, improvement in the.	H. Aiken, Brighton, Massachusetts	March 12, 1823
Kiln for burning lime, improvement in the.	Abel Jeans, Millcreek hundred, Delaware	Feb 15, 1827

L

Leather tanning.	James Davis, Massachusetts	April 14, 1797
Liquor.	See <i>Distilling</i> .	
Lamp, a tallow.	J. Love	June 11, 1798
Looms, improvement in.	David Greive	June 8, 1797
Lathe, improvement in blocking.	E. Whiting, Worcester, Massachusetts	April 1, 1802
Light obtained from fuel, new mode.	B. Henefrey	April 16, --
Lantern, improvement in.	J. Stanford, jun. and A. D. Allen	May 10, 1804
Lime kiln, improvement in.	Thomas Power	July 12, --
Leeches, bleeding and breeding with.	John Kunitz, Phil.	May 7, 1805
Lock, balance pendulum.	S. Godwin and R. Gaines, Baltimore and Georgetown	Jan 22, 1806
Loom for weaving chip.	P. Bennet, Rochester, Massachusetts	Feb 8, --
Lock, balance pendulum.	R. Gaines, Georgetown, D. C.	March 17, --
Lime.	See <i>Calcareous</i> .	
Lasts for boots and shoes.	W. Young, Philadelphia	May 20, 1807
Leather, mode of preparing for suspenders.	O. Webb, N. Y.	Oct 14, --
Lever for turning wheels, rowing boats, &c.	R. Hopkins, Hopkinton, St. Lawrence county, New York	March 25, 1808
Life buoy, or seaman's friend.	W. Flower, Philadelphia	May 14, --
Lighting the binnacle of ships.	W. Lewis, Boston	June 24, --
Leather, machine for shaving and splitting.	Martin Tullar, Royalton, Virginia	July 29, --
Lightning rods.	Elisha Calender, Boston	Oct 3, --
Looms for weaving.	C. Cooper, Lebanon county, Penn.	Nov 4, --
Lye, mode of cleansing and melting pot ash.	Jonathan Jones, Fabias, New York	Feb 11, 1809

Lathe, uniform turning.	A. Hagget, Middlesex, Mass.	June 10, 1809
Lever balance, spring catch.	Levi Kendall, New York	May 8, --
Lathe, mode of securing a button in.	George W. Robinson, Providence, Rhode Island	June 27, --
Lathe turning.	W. Ross, Chester county, Pennsylvania	July 10, --
Leather machine, for striping.	D. Ridgway	Oct 26, --
Loom for weaving girt and cloth.	R. Lloyd, Philadelphia	Feb 8, 1810
Lamps and liquid to be burned.	J. Hawkins, Baltimore	April 21, --
Leather, machine for stamping and staining.	R. Robinson, Newburyport, Massachusetts	March 16, --
Lantern, a reflecting and magnifying.	W. Lewis, Boston	June 1, --
Loom.	Walter Janes, Ashford, Connecticut	Sept 1, --
Loom.	S. Blydenburgh, West Brookfield, Massachusetts	Sept 12, --
Loom.	P. Clinton Curtis, Paris, Oneido, New York	Nov 17, --
Loom, water.	Thomas Mussey, Philadelphia	March 4, 1811
Lee board.	J. Swain, H Swain, Joshua Swain, Cape May, N.J.	April 10, --
Lever purchase, for propelling, &c.	Shubail Kinball, Rhinebeck, New York	April 24, --
Lime kiln, perpetual.	W. Gorsuch, Baltimore	Aug 17, --
Looms.	N. Perry, Boston	Sept 25, --
Loom crank.	E. Cutter, Walpole, New Hampshire	Sept 27, --
Loom.	Richard C. Rogers, Maine, Massachusetts	Nov 29, --
Loom.	Richard Crosbie, Newark, New Jersey	Jan 6, 1812
Loom, hand and water.	John Thorp, Providence, R. I.	March 28, --
Loom, hand and water.	Asa Campbell, Kingston, Penn.	March 28, --
Loom, water.	Silas Shepard, Philadelphia	April 27, --
Linen spinner.	S. Baldwin and E. Town, Vermont	May 6, --
Liquids, machine for heating.	Roswell Valentine, Canaan, N.Y.	June 13, --
Loom.	Richard C. Rogers, District of Maine	June 23, --
Leather, plane for shaving.	F. Woodward, New Lisbon, N. Y.	July 27, --
Looms.	John Phelps Manlius, New York	Aug 27, --
Looms.	C. Cooper and G. Shaake, Lebanon, Pennsylvania	Aug 28, --
Looms.	John Hevin, Montgomery, Virginia	Oct 16, --
Leather compressing by a roller.	W. Edwards, Northampton, Massachusetts	Oct 17, --
Lamps.	James Mallory, New York	Nov 20, --
Linen spinner.	A. Webster, Green county, New York	Dec 31, --
Lamp for nurses.	William Howe, Boston	Dec 31, --
Loom, domestic and manufactory.	W. Jones, Ashford, Conn.	March 20, 1813
Locks for banks.	Jacob Perkins, Newburyport, Mass.	March 23, --
Leather, machine for splitting, &c.	Samuel Parker, Bellerica, Massachusetts	April 5, --
Loom.	S. Briggs, Canaan, Connecticut	May 27, --
Loom.	Alfred Ware, jun. Franklin Massachusetts	June 18, --
Loom.	T. Robinson Williams, Newport, Rhode Island	July 3, --
Loom.	E. Robinson, Augusta, Massachusetts	June 24, --
Locks, construction of.	W. Pye, New York	Aug 5, --
Lamp, with double reflector.	W. and L. Foster, Boston	Aug 20, --
Loom, revolving.	J. Hess, Hempfield, Pennsylvania	Oct 2, --
Leather, water proof.	J. Board, New York	Nov 4, --
Loom.	Robert Sugden, Boston	Nov 2, --
Loom.	J. M. Morel, Guiramond, Baltimore	Jan 7, 1814
Loom for warping.	C. Whitney, Dedham, Massachusetts	Feb 1, --
Lee's New London billious pills.	Samuel H. P. Lee, New London, Connecticut	Feb 8, --
Looms.	John Heavin, Montgomery, Virginia	Feb 18, --
Looms.	D. Briggs, Canaan, Connecticut	Feb 19, --
Loom, water.	B. Brown, Albemarle, Virginia	March 21, --
Looms.	J. Coulter and St. Gano, Berkley, Virginia	April 18, --
Looms.	Jacob Spinkle, Wythe C. H. Virginia	April 27, --
Lamps.	Edward Clarke, Philadelphia	April 27, --

Looms. Thomas Siddall, Bristol, Pennsylvania	July 9, 1814
Loom, family. C. Hathaway, Walton, New York	Oct 11, --
Loom. W. Wright, Brooklin, New Hampshire	Oct 12, --
Looms. Seth Craig, Philadelphia	Oct 13, --
Loom, stocking. J. Bazen, jun. Canton, Massachusetts	Oct 28, --
Looms, temples for. B. Rogers, Beaver Creek, Ohio	Nov 24, --
Looms. S. Browson, Kent, Connecticut	Nov 5, --
Lathe Wheel. B. Hoadly, New Haven, Connecticut	Dec 16, --
Lathe for polishing buttons, &c. L. Meriam, N. Haven, Conn.	Jan 4, 1815.
Loom for the warp of suspenders. W. Squire, New York	Jan 17, --
Loom, water or steam. S. Blydenburgh and H. Kealey, Worcester, Massachusetts	Feb 20, --
Looms F. C. Lovell and P. T. Jackson, Boston	Feb 21, --
Looms. J. Jellefs, Butternuts, New York	May 24, --
Looms. C. Cooper and G. Shalk, Lebanon, Pennsylvania	May 31, --
Ladder, conflagration. Bennet Lies, New York	June 20, --
Lexodromic pully. J. S. Donlevy, New York	Sept 21, --
Lime, ardent spirits obtained from. James Hall, Virginia	Nov 22, --
Lotteries. Joseph Vanini, Washington, District of Columbia	Dec 4, --
Loom, water. P. C. Curtis, Paris, New York	May 23, 1816
Loom. Robert Jackson, Middleborough, Pennsylvania	July 23, --
Loom, power. S. Shepard and J. Thorp, Taunton, Mass.	July 25, --
Loom. Samuel Chapman, Otsego, New York	Aug 24, --
Loom, water. Thomas Mussey, New London, Connecticut	June 10, 1817
Last, right and left. William Young, Baltimore,	June 10, --
Loom. Benjamin Cummings, Townsend, Massachusetts	Oct 3, --
Letters, projecting. Lewis Child, New York	Oct 4, --
Lint loom. Francis Hall, Charleston, Massachusetts	Nov 28, --
Laths, &c. machine for splitting. Daniel Wright, Franklin, New York	Jan 15, 1818
Lamps, improvement in. Winslow Lewis, Boston	Jan 23, --
Locks and bolts for doors. William Pye, New York	April 28, --
Lock, called the union lock. William Pye, New York	April 28, --
Leather tubes, making. A. L. Pennock and James Sellers, Phil.	July 6, --
Leather bags for mails, &c. A. L. Pennock and James Sellers, Philadelphia	July 6, --
Locks, securing. G. Whitfield Robinson, Attleborough, Mass.	July 17, --
Lathes for turning gunbarrels. Daniel Dana and A. Onley, Canton, Massachusetts	Aug 24, --
Loom, improvement in the. Edward Warren, New York	Aug 27, --
Leather, varnishing and japaning. J. Finegan, New Jersey	Oct 8, --
Lamp, Argand's, improvement on. David Milville, Newport, Rhode Island,	Nov. 19, --
Lever, crane. E. Smith, Paris, Oneida county, New York	Dec 31, --
Loom, improvement in the. L. Forester, Fairfield, Conn.	May 15, 1819
Lathe, of the power loom. John Whitehead, Providence, R. I.	Aug 30, --
Lamp, candle. Asa Taylor, Philadelphia	Oct 9, --
Locks for canals. Josiah White, Philadelphia	Oct 19, --
Lamp, pneumatic. Ezekiel F. Smith, Lenox, Massachusetts	Nov 8, --
Lock, water. John Martin, Windham county, Connecticut	Jan 15, 1820
Locks, improvement in. Henry and Jacob Day, New York	April 4, --
Letters, shaded. George Bruce, New York	April 4, --
Locks for small arms and cannon. Alexander Augustus Colvile, Little River, Maine	April 28, --
Leather, machine for splitting. E. Howard and J. Butters, Bos.	May 3, --
Locks, latches, &c. improvement in. Harvey Durkee, assignee of J. Chittenden, Burlington, Vermont	Aug 12, --
Longitude, mode of finding the. James Henry, Maysville, Ken.	Sept 13, --
Lathe for stiffening hats. Henry Raymond, Baltimore	Nov 20, --
Leather, machine for finishing. James Burr, Johnstown, Montgomery county, New York	Nov 21, --

Lamps for burning fat, &c.	Josiah Warren, Ohio	Feb 20, 1821
Land clearing machine.	Thomas Oxley, Norfolk, Virginia	April 18, --
Lamps, improvement in.	James Dukes, New York	Aug 15, --
Locks and belts, improvement in.	T. Whaley, New York	Nov 2, --
Loom, improvement in the.	Edmund Warren, New York	Dec 11, --
Life pole for fire engines.	William W. Van Loan, Catskill, N. Y.	Feb 2, 1822
Lamps, improvement in the tubes for.	Deming Jarvis, Cambridge, Massachusetts	Feb 2, --
Looms, domestic.	Benjamin Maltby, New York	April 13, --
Loom, self-governing.	Edmund Warren, New York	May 1, --
Lever, angle.	James Barron, Norfolk, Virginia	May 14, --
Locks and latches, improvement in.	Joel F. Thayer, Boston	May 18, --
Leather, improvement in the machine for splitting.	Joshua Butters, Boston	May 31, --
Lever, improvement in the.	Richard Sealy, New York	July 1, --
Locks for canals.	George Bender, New York	Aug 26, --
Locks, improvement in the sliding door.	Ebenezer Leman, jr. Boston	Nov 28, --
Lamps, improvement in.	C. Cornelius, Philadelphia	Dec 28, --
Locks, improvement in door.	Nathan Reed, Belfast, Maine	March 31, 1823
Lamp, portable condensing.	Thomas Phillips, New York	June 25, --
Lottery schemes, construction of.	Joseph Vannini, Phil.	Oct 18, --
Lathe, improvement in the turning.	C. White and A. Hill, Hadley, Massachusetts	March 30, 1824
Lancet, improvement in the spring.	Jeremiah Dewey, Chelsea, Vermont	April 2, --
Locks, improvement in the door.	Richard Wilcox, New York	April 20, --
Lancet, retreating spring.	Thomas R. Williams, Newport, R. I.	July 16, --
Lithography, improvement in.	David Henderson, Jersey City, New Jersey	Sept 17, --
Lever truss and sling for vessels.	S. A. Wells, Boston	Dec 23, --
Lotteries, improvement in the sign for.	Elijah Secor, N. Y.	Feb 9, 1825
Lotteries, improvement in the mode of drawing.	J. I. Cohen, jr. Baltimore	March 3, --
Loom for weaving.	Roswell Wilcox, Columbus, Ohio	March 21, --
Leather, machine for shaving.	John Houston and Otis Batchelder, Bedford, Willsborough county, New Hampshire	April 11, --
Lotteries, constructing and drawing.	Moses Davis, Portland, Me.	May 9, --
Lottery schemes, construction of.	John M. Togno, Philadelphia, Pennsylvania	May 16, --
Lotteries, projecting, calculating and drawing.	W. Seger, Bergen, New Jersey	May 25, --
Lighting binnacles of ships.	Joseph F. Smith, Baltimore, Md.	June 1, --
Lock, Dillingham's improved.	J. Dillingham, Turner, Maine	June 2, --
Lever, alternate propelling.	Robert Smith, Port Gibson, Miss.	June 9, --
Loom.	Joseph Scholfield, Stonington, Connecticut	Sept 9, --
Lottery.	Eliphalet Nott, Union College, New York	Sept 9, --
Lightning rods.	John Brown and G. W. Robinson, Providence, Rhode Island	Sept 24, --
Leading bar and pole for carriages.	Lucius W. Stockton, Uniontown, Pennsylvania	Sept 29, --
Lock, mortise.	Turner Whitehouse, Boston, Massachusetts	Sept 29, --
Lotteries, method of drawing.	Joseph Howard, Providence, R. I.	Nov 8, --
do	Francis W. Dana, Boston, Mass.	Dec 28, --
Locks, paddle or culvert grates for.	Daniel Rodgers, Little Falls, Herkimer county, New York	March 17, 1826
Lever, combined pendulum and balance.	Alrick Berry and C. Berry, Poughkeepsie, New York	March 25, --
Lathe, combined.	A. Warren, Saugertius, New York	April 17, --
Loom, improvement in the.	Roswell Wilcox, Franklin co. Ohio	April 21, --
Lotteries, forming schemes.	Edward Grattan, Providence, R. I.	May 16, --

Lathe, for turning broomsticks. John Hunt, Shutesbury, Mass.	June 8, 1826
Loom, improvement in the. Cor. Bergen, New York	June 14, --
Lock, mode of preserving the timber of. Simeon Guilford, Lebanon, Pennsylvania	June 10, --
Ladder, fire, improved. Samuel Lehman, Philadelphia	Aug 9, --
Lamp black, improvement in making. Joseph Hastings, Cambridge, Massachusetts	Aug 15, --
Loom, improvement in the. Samuel Chidester, Windham, N. Y.	Sept 2, --
Loom, improvement in the domestic. Jer. Hubbard, Jamestown, North Carolina	Nov. 6, --
Lotteries, method of drawing. Wm. C. Conine, Baltimore	Nov 14, --
Lotteries, mode of drawing. John C. Rives, Washington, D. C	Nov 22, --
Lithonriptor, improvement in the. Isaiah Lukens, Philadel.	Nov 30, --
Lamp apparatus, for liquids, &c. Thomas Green, Fessenden, Boston,	Jan 31, 1827
Lime and brick, improvement in burning. Solomon Hill, New Milford, Connecticut	Feb 12, --
Locks for doors, constructing. John Brown and George W. Robinson, Providence, Rhode Island	Feb 20, --

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Marble and stone, polishing of. See <i>Stone</i> , &c.	
Mills, tide, improved method of working. J. Dickerson, Morris county, New Jersey	July 30, 1791
Mill wheels, horizontal hollow. J. Macomb, Princeton, N. J.	Aug 26 --
Mill, improvement on Dr. Barker's. J. Rumsey, Berkley county, Virginia	Aug 26, --
Mills, conveying water to operate on. James Rumsey, Berkley county, Virginia	Aug 26, --
Machine to work in a current of water or other fluid. John Clark, Virginia	Dec 31, 1793
Mill stones. See <i>Stones</i> .	
Mortar, manufacturing of, for flooring houses, &c. Richard Robotham, Vermont	April 12, 1794
Mill stones, burr, improvement in. Oliver Evans	May 28, 1796
Marble and other stones, improvement in sawing and polishing. Joseph F. Mangin	July 2, --
Marble, improvement in cutting and polishing. Joseph F. Mangin	Feb 16, 1797
Mills, rollers for slitting and other mills, (rolling iron.) Ben. Seymour	June 26, --
Mills, saw, improvement in. Henry Dulheuer,	Aug 18, --
Mills, improvement in. J. W. Curtis	Aug 24, --
Machine for heaving down vessels; raising weights, &c. Stephen Colver	Dec 14, 1798
Mill, a flax and hemp. B Tyler	Feb 26, 1799
Mill, a double centred, for wind or water. B. Dearbon	April 30, --
Machine for raising water, &c. William Faris	May 17, --
Malt mashing, a machine for. William Ellis	June 16, --
Mill, saw. Thomas Payne	Dec 2, --
Mills, improvement in. Hairland Chase	Dec 16, --
Metal amulets. Edward West	May 19, 1800
Musical instruments, improvement in. J. J. Hawkins	Oct 24, --
Mill for grinding painters' colors, &c. Caleb Green, East Greenwich, Rhode Island	July 23, 1801
Machine for separating straw from grain. See <i>Straw</i> , &c.	
Meal, improvement for cooling and conveying up, &c. Gurdon F. Saltonstall, Fayetteville, North Carolina	Aug 21, --
Mechanical powers for the use of windmills, &c. See <i>Windmills</i> .	
Moveable suspended beam and scales. See <i>Beam and Scales</i> , &c.	

Machine for ruling paper. See <i>Ruling Paper</i> .		
Machine for rolling iron round. See <i>Rolling Iron, &c.</i>		
Music, new plan for printing. Andrew Law	- -	May 12, 1802
Mill wheels, improvement in the construction. James Cowan		Dec 14, --
Marble. See <i>Machine for sawing stone, &c.</i>		
Marle, mode of manufacturing into lime. Jedediah Peasley, Deweysburg, Virginia	- - - -	Feb 1, 1803
Marble, method of preparing for painting. Archibald Robert- son, New York	- - - -	March 5, 1804
Metallic grinder or hone. Christian Veltair	- -	Aug 10, --
Mill. See <i>Grist</i> .		
Metallic hone. John Houston, Williamsburg, Virginia	-	May 4, 1805
Moulds for casting iron screws, method of making. Eben Lester, Herkimer town, New York	- -	May 10, --
Mills and machinery, improvement in. Lewis Velcourt, Ken.		June 25, --
Mills for cattle, power. La Paype, aine, Baltimore, Maryland		Nov 4, --
Mud, machine for raising John Eveleth	- -	Feb 21, 1806
Moulds, method of making, for casting trundle heads of metal. Eben. Lester, Kittle Falls, New York	- -	Feb 12, 1807
Main springs for carriages. Jonathan Mix, New Haven, Conn.		April 18, --
Mills, improvement in. Christian Hamaker, Lancaster		May 21, --
Mortising machine. S. Glover and D. Parnelle, Newton, Conn.		June 3, --
Moulds. See <i>Copper</i> .		
M'Comb's water wheel. See <i>Reacting</i> .		
Mills, improvement in. Samuel Mans and J. Black, Penn.		Feb 17, 1809
Mills, improvement in. Ephraim Rew, Canandaigua, N. Y.		Feb 22, --
Mad dog, medicine to cure the bite of. Eliza Stoy, executor of William Stoy, Lebanon, Pennsylvania	- -	June 9, --
Mill for grinding painters' colors. J. J. Wells, Hartford, Conn.		June 13, --
Mowing machine, for rivers, &c. William Schultz, Baltimore		June 16, --
Morocco leather, machine for polishing. Jacob Perkins, Phil.		June 26, --
Mud, machine for raising. John Newman, Providence, R. I.		June 27, --
Magic lotion. See <i>Barbal, &c.</i>		
Mineral waters, mode of imitating. Joseph Hawkins, Balt.		Sept 7, --
Metals, mode of melting. Joseph Walworth, New York		Oct 17, --
Marine time keeper. Isaac Gill, Charleston, South Carolina		Jan 15, 1810
Measuring grain, &c. P. H. Schenk, New York		Feb 15, --
Mortising machine. H. Parmele, Killingworth, Connecticut		Feb 15, --
Mortising machine. Sylvanus Baldwin, Montpelier, Vermont		March 17, --
Mortar, machine for making. Daniel Hunt, Stamford, Conn.		March 22, --
Mill, screw grist. Joseph L. Miller, Brookfield, New York		March 28, --
Marble, machine for cutting and chiselling, &c. Anson Clark, West Stockbridge, Massachusetts	- - - -	April 10, --
Mills, mode of constructing. J. Frisbie, Pennsylvania	-	June 30, --
Moulds for casting boxes for carriages. Samuel Smith, 2nd. Amherst, Massachusetts	- - - -	July 6, --
Mills. J. Goulding, Leicester, Massachusetts	-	March 1, 1811
Mill stones, machine for dressing. C. Woolverton and Benja- min Ridgeway, jun. Morrisville, Pennsylvania	-	May 25, --
Marble, machine for sawing and polishing. Luther Bissel, Ot- sego, New York	- - - -	June 7, --
Medicine cases. Allen Harrington, Otsego, New York	-	July 16, --
Mill stones. William Miller, Lampeter, Pennsylvania	-	Aug 15, --
Metallic boxes for shievs. L. Larrabee, Nantucket, Mass.		Nov 4, --
Mill, regulated. Joseph Quinby, Wilmington, North Carolina		Feb 3, 1812
Musical types. Ure K. Hill, New York	- - - -	Feb 7, --
Mill, wind and water. Moses Pennock, Kennet Square, Penn.		Feb 18, --
Mill, machine for working. J. Deveneur De Lacy, New York		March 28, --
Magnesia, preparing. William Dunn, Boston	- -	April 1, --
Mitres, machine for cutting. Z. Kelly, Easton, Maryland		April 22, --
Mills moved by weights. J. Grannis, Cheshire, Connecticut		May 12, --

Moffat's machine for boiling salt.	Zina Phinney, Cairo, N. Y.	June 18,	1812
Malting and kiln drying.	H. Parsons, Colebrook, N. H.	July 9,	--
Magnetic cylinders.	S. Browning, Franconia, N. Hampshire	Oct 13,	--
Mill wheel.	R. Lathrope, West Springfield, Massachusetts	Nov 12,	--
Mowing machine.	P. Gaillard, Lancaster, Pennsylvania	Dec 4,	--
Magnesia, preparing.	William Dunn, Boston	April 8,	1813
Mill stones, for taking the glaze off.	J Derby, Connecticut	June 10,	--
Mill, grist.	A. Sawyer, Chester, Vermont	July 20,	--
Mill for grinding and pounding.	Alex D. Moore, New Haven	Aug 7,	--
Mustard, flour of.	S. Hopkins, Rathaway, New Jersey	Aug 19,	--
Mill, gudgeon.	M. Withers, Strasburg, Pennsylvania	Aug 24,	--
Mills.	E. Bryant, New London, Connecticut	Feb 8,	1814
Mowing machine	P. Baker, Long Island, New York	Feb 19,	--
Match lights and boxes.	R. Allison and N. S. Allison, Burlington, New Jersey	March 26,	--
Mockasins and socks.	W. Bolton, Northampton, Mass.	Oct 21,	--
Mill stones, machine for raising.	Thomas Reynolds, West Fallowfield, Pennsylvania	Nov 8,	--
Magnetic cylinder.	S. Browning, Franconia, New Hampshire	Nov 25,	--
Mill, tide.	F. Rittal, Lincoln, Massachusetts	Jan 28,	1815
Mockasins, hat trimmings for.	James Jackson, Burlington, N. J.	April 1,	--
Machinery for regulating power.	Joseph Kells, New York	April 1,	--
Mills, water power for working.	J. W. Newbury, Luzerne, Pennsylvania	June 28,	--
Mineral fountain, family.	G. E. Pendergast, Philadelphia	Aug 18,	--
Mould for making stone pots.	Edward Boston, Gloucester, N. J.	Oct 14,	--
Mineral waters, manufacturing.	B. Marshall, Albany, N. Y.	Dec 5,	--
Mill for grinding grain, &c.	Ormsby and T. Cohoon, Washington, District of Columbia	Jan 4,	1816
Maintaining power on board of ship.	David Pearson, Newburyport, Massachusetts	Jan 24,	--
Mills, improvement in saw.	Samuel Brewster, Middlesex, N. J.	March 15,	--
Mill tub, winnowing.	Moses Elliot, Concord, N. Hampshire	May 18,	--
Mill, tide.	Josiah Cleveland, St. Marys, Maryland	Oct 22,	--
Mill, horse.	Webb Hart, Drummondtown, Virginia	Jan 22,	1817
Mineral waters, making.	James S. Ewing, Philadelphia	Feb 10,	--
Mustard, flour of.	Samuel Hopkins, Philadelphia	May 31,	--
Mills, ink and gudgeon for.	John Andrews, Dinwiddie county, Virginia	Aug 11,	--
Mortising machine.	Nathan Mead and Jonathan Butler, Walpole, New Hampshire	Nov 3,	--
Morocco, machine for dyeing, &c.	Moses Hall, Charleston, Massachusetts	Dec 31,	--
Metallic portable bedsteads.	Joseph Homer, New York	Jan 28,	1818
Motion, machine for conveying.	William Simpson, Wilkes county, Georgia	Feb 19,	--
Mills, iron and steel.	Increase Wilson, New London, Conn.	March 6,	--
Mud machine.	Samuel Davis, Baltimore	March 28,	--
Musket barrels, machine for turning.	Sylvester Nash, Harpers-ferry	April 11,	--
Magnesia liquid.	John Cullen, Philadelphia	May 4,	--
Music arranged to books.	M. Elliot, Boscawen, Hillsboro' New Hampshire	June 9,	--
Mills for coffee, bark, seed, &c.	Burrows Smith, Cincinnati, Ohio	June 9,	--
Mill for grinding coffee, &c.	Jonathan Sizer, for Z. Waterhouse, New London, Connecticut	June 12,	--
Measuring rod, improvement in.	Daniel Stansbury, Laurel Hill, New Jersey	Oct 26,	--
Mill stones, casting faces for.	G. Manter, Londonderry, N. H.	Dec 8,	--

Motion, producing an alternate lateral.	N. Moody, Kennebec, Massachusetts	Feb 19, 1819
Mud machine.	See <i>Clearing</i> .	
Mineral waters, apparatus for making.	S. Fahnestock, Lancaster, Pennsylvania	April 23, --
Motion, mode of converting.	A. W. Foster and J. Hughes, Hempfield, Pennsylvania	April 26, --
Morocco leather, machine for dyeing, &c.	L. Hedge, Windsor, Vermont	July 22, --
Mapping machine.	James Deneale, Dumfries, Virginia	Aug 3, --
Music, improvement in teaching.	George Gieb, New York	Aug 30, --
Musical stringed instruments, producing the swell in.	C. Pommer, Philadelphia	Aug 30, --
Medicine, improvement in.	Lorenzo Dow, Hebron, Conn.	Nov 24, 1820
Mills, breasted tide, improvement in.	Henry Allen, Fayette county, Tennessee	Dec 30, --
Mantle pieces, cast iron.	Isaac Deavs, Philadelphia	Feb 21, 1821
Mercantile navigable house.	Roger Haskell, Geneva, N. Y.	July 7, --
Mud machine, improvement in the.	John Eveleth, Georgetown, District of Columbia	Aug 8, --
Mill, improvement in Barker's.	Charles Goddard, Sabine Hall, Virginia	Sept 27, --
Medicated steam bath, machine used in the.	Benj. Marshall, New York	Dec --
Mowing machine.	Jeremiah Baily, Chester county, Penn.	Feb 13, 1822
Mockasins and socks, improvement in.	William Brower, Ransselear county, New York	March 6, --
Mills, improvement in grist.	John and David Hascall, Likay, New York	March 9, --
Mills, improvement in wind, water and tide.	Peter Quidor, jr. New York	March 21, --
Mapping instrument.	Samuel Dew, Romney P. O. Virginia	April 13, --
Mills, improvement in.	Robert Burns, Mifflin county, Penn.	June 20, --
Marine rail way, improvement in the.	John Rogers, Washington, District of Columbia	June 24, --
Marble, machine for sawing.	Eben W. Judd, Middleburgh, Ver.	Aug 14, --
Mill, floating horizontal wheeled.	George H. D. Gray, Southampton, Virginia	Sept 25, --
Medicine, mode of preparing.	Samuel Thompson, Boston	Jan 23, 1823
Mineral waters.	Joseph Hawkins, Philadelphia	April 5, --
Mill stones, machine for dressing.	Leonard Norcross, Maine	May 6, --
Mail stages, construction of.	Daniel D. Eames, New York	May 8, --
Mechanical power, improvement in.	Lorin Buts, Canterbury, Connecticut	July 9, --
Mill spindle, improvement in the grist.	Wanton Rice, Athens, Bradford county, Pennsylvania	Oct 1, --
Moccasins, improvement in.	Alfred Tillotson, New York	Nov 22, --
Mail-bags, improvement in making.	Peter Laporte, Richmond, Virginia	May 5, 1824
Medicine, improvement in.	Gideon Jaques, Wilmington, Del.	July 16, --
Mead, carbonated sarsaparilla.	John L. Schieffelin, New York	July 19, --
Mill for hulling and grinding grain, &c.	John Wilson, Manlius, New York	Aug 27, --
Mill, vertical cylindrical foot.	Samuel Fowks, Catskill, N. Y.	Sept 13, --
Moccasins, shoes, &c. improvement in making.	J. J. Staples and W. H. Cornell, New York	Dec 15, --
Mill marks, improvement in.	William M. Summers, N. Y.	Jan 13, 1825
Moccasins, improvement in making.	Catharine Elliott, N. Y.	Jan 26, --
Mud machine.	J. Watchman and J. Pratt, Baltimore	Feb 18, --
Musical glasses, improvement in.	Francis H. Smith, Northampton, Virginia	April 7, --

Mowing machine. Ezra Cope and T. Hoopes, jun. Chester county, Pennsylvania	- - -	May 18, 1825
Marble grinder. Harlow J. Torrey, New York	- - -	Nov 1, --
Marble smoother and polisher. do	- - -	Nov 1, --
Mills for grinding grain, drugs, &c. Joseph Ives, New York	- - -	Dec 2, --
Mortising machine. Ezra Ripley, Troy, New York	- - -	Dec 22, --
Mashing machine, for distilleries. Warham Whitney, Rochester, New York	- - -	Jan 19, 1826
Mill, family. David Flagg, jun. Gardiner, Maine	- - -	Feb 23, --
Marble rubbing and scouring machine. - Elijah Ferris, West Chester, New York	- - -	March 7, --
Mill stone, concave and convex. J. Sawyer and E. Clark, Royalstown, Massachusetts	- - -	March 18, --
Mill, mortar tub. James Parker, Gardiner Maine	- - -	March 28, --
Mortising machine, lever power. Thomas Creen, Manlius, N. Y.	- - -	April 12, --
Mill, improvement on Bicknell's grist. Moody Stockman, Hampton, New Hampshire	- - -	April 18, --
Mills, improvement in grist. F. Harris and J. Wilson, Troy, N. Y.	- - -	June 9, --
do Isaac Ryon, Bridgewater, Mass.	- - -	June 29, --
Mills, improvement in grist. Jedediah Northrop, Woodbridge, Connecticut	- - -	July 31, --
Mud machine, improvement in the. Samuel Collins, N. York	- - -	Sept 26, --
Mill, improvement in the grist. Moses Mendenhall, Greensborough, North Carolina	- - -	Oct 20, --
Mill, improvement on Bicknell's grist. James Bemis, Worcester, Massachusetts	- - -	Nov 17, --
Mills in the water, gate for. Henly Potes, Christiansburg, Va.	- - -	Jan 9, 1827
Mill, improvement in the grist. Anthony Bencine, County, North Carolina	- - -	Jan 16, --
Mortising machine, bearded chisel. Silas Metcalf, Wilmington, Vermont	- - -	Jan 17, --
Mill, improvement in the grist. William Benbow, Guilford, North Carolina	- - -	Jan 19, --
Machinery used in navigation. John J. Giraud, Baltimore, Md.	- - -	Jan 31, --
Mills, improvement in the grist. Edward Newman, Guilford county, North Carolina	- - -	Feb 6, --
Mill, improvement in horizontal wind. Origen Packard, Wilmington, Vermont	- - -	Feb 12, --
Mills, improvement in the mode of shutting the gate in. Origen Packard, Wilmington, Vermont	- - -	Feb 12, --
Moths and worms, mode of preventing in skins, &c. Samuel Storm, New York	- - -	Feb 17, --
Mill, improvement in the grist. Benjamin Overman, Greensborough, North Carolina	- - -	Feb 28, --
Mill, improvement in the horizontal wind. John Reynolds, America, New York	- - -	March 15, --
Mill and crusher, improvement in the grist. John G. Morse, Randolph county, North Carolina	- - -	March 20, --
Marine rail ways, improvement in. John Webb, New York	- - -	May 14, --
Mills for grinding grain, improvement in. Abraham Delap and Avery Coe, Guilford, North Carolina	- - -	May 31, --

N

Nails, machine for making. S. Briggs, jun. and Son, Phil.	- - -	Aug 2, 1791
Nails, manufacturing. T. Perkins, Pennsylvania	- - -	Feb 7, 1794
Nails cut, manufacturing. J. G. Peerson, New York	- - -	March 22, --
Nails, manufacturing. Jacob Perkins, Boston	- - -	Jan 16, 1795
Nails, improvement in manufacturing. J. Byington, Conn.	- - -	Jan 15, 1796
Nails, machine for making. Peter Lachaine, Maryland	- - -	May 4, --
Nautical ventilators. See <i>Vessel</i> .	- - -	

Nails, cut, manufacturing. Peter Cliff	Nov 16, 1796
Nails, heading and cutting machine for. I. Garretson	Nov 16, --
Nails, machine for cutting. Amos Whittemore	Nov 19, --
Nails, improvement in manufacturing. John Bigelow	Nov 19, --
Nails, cut, manufacturing. George Chandlee	Dec 12, --
Nails, cut, improvement in manufacturing. Daniel French	Dec 23, --
Nails, wrought, improvement in manufacturing. D. French	Dec 23, --
Nails, heading, improvement in. Jared Byington	Dec 23, --
Nails, improvement in heading. J. Frost	Dec 23, --
Nails, a machine for cutting and heading. N. Reed	Jan 8, 1796
Nails, improvement in making Lester Fling	Dec 19, --
Nails, improvement in cutting and heading. James Spence	Feb 16, 1797
Nails, improvement in heading and cutting. Jesse Kersey	Feb 24, --
Nails, improvement in heading and cutting. Jonathan Nevill	Aug 12, --
Nails, &c. machine for making. Seth Hart	Jan 4, 1799
Nails, improvement in making. Jacob Herkins	Feb 14, --
Nails, for cutting and heading. F. Young	Aug 23, --
Nails, machine for making and heading. M. Garber, Lancaster county, Pennsylvania	Feb 20, 1801
Nails cut from iron hoops, &c. M. Garber, Lancaster county, Pennsylvania	May 1, --
Nails rendered tough. Nathan Kent, New York	May 1, --
Nails milled out of heated rods. Jesse Reed, Boston	June 9, --
Nails, machine for heading and cutting. W. Leslie, Claremont, New Hampshire	Nov 5, --
Nails, machine for cutting. Edward West, Fayette county, Ky.	July 6, 1802
Nails, machine for heading and cutting. E. West, Fayette county, Kentucky	July 6, --
Nails, machine for making. Nathan Forbes	Aug 2, --
Nails, machine for heading. Ben. S. Walcott	Sept 4, --
Neutral salts, improvement in extracting from alkaline. B. Gorton	Nov 29, --
Nails, machine for making. William Caruthers	Dec 13, --
Nails, machine for making hot wrought. Oliver Bartlett, Geo. Bartlett and Otis Bartlett	Feb 14, 1803
Nails and brads. machine for making out of hot rods. Lazarus Ruggles, Milford, Connecticut	Oct 10, --
Nails. See <i>Rolling Plates of Iron</i> .	
Nails and brads, improvement in making out of rolled iron. Jos. Elgar, Brookville, Maryland	Dec 16, --
Navigation, machine for the improvement of. A. Hunn, Danville, Kentucky	March 24, 1804
Nails, machine for slitting and heading. Michael Garber	April 17, --
Nails and spikes, machine for making. B. Allison and R. French	June 6, --
Nails, improvement in machine for cutting. Nicholas Boureau	Aug 21, --
Nails, machine for cutting with the grain of the metal. F. W. Geysenhayner	Dec 22, --
Nails, brads, &c. machine for cutting. Increase Kimball, N. H.	May 1, 1806
Nails, machine for cutting and heading. Jesse Reed, Boston	Feb 22, 1807
Nails, machine for cutting. Elisha Bigelow, Baltimore	April 1, --
Nails and brads, machine for. Jordan Dodge, Rutland, Ver.	July 8, --
Nails, machine for wrought. Jonathan Nichols, Rhode Island	July 11, --
Nails, machine for cutting and heading. S. Willard, Hudson, New York	Nov 30, --
Nails, machine for heading. Samuel Rogers, Plymouth, Mass.	Dec 15, --
Nails, machine for cutting. Jonathan Hicks, Hadley, Mass.	Jan 28, 1808
Nail machine. Joseph Jelleff, Butternuts, New York	June 14, --
Nails, machine for heading. Asaph C. Handler and S. Shepard, Taunton, Massachusetts	Sept 16, --
Navigating rivers and shoal waters. M. Williams, Albany, N. Y.	Feb 24, 7809
Nail machine. Jesse Reed, Lingston, Massachusetts	April 15, --

Nail machine.	Samuel Wilmot, jun. New Haven, connecticut	April 21,	1809
Nail machine.	Luther Bissell, Hartwich, New York	June 27,	--
Nails, mode of casting composition.	J. Walworth, New York	Nov 22,	--
Nail machine.	Briggs Rogers Reed, Danvers, Massachusetts	March 8,	1810
Nail machine, &c.	Jacob Perkins, Boston	July 17,	--
Nail machine, eccentric roller.	John Fairbanks, Boston	Aug 14,	--
Nail machine for cutting and heading at one operation.	Briggs R. Reed, Salem, Massachusetts	Aug 18,	--
Nail machine for cutting and heading at one operation.	Jesse Reed, Kingston, Massachusetts	Sept 16,	--
Nail machine for cutting and heading at one operation.	William Miller, New York	Sept 26,	--
Nail machine for cutting and heading at one operation.	I. P. Swain and J. Skinner, Roxbury Massachusetts	Feb 8,	1811
Nail machine, for wrought.	A. Eastman, Norway, Mass.	April 8,	--
Nail machine.	E. Avery Lester, Herkimer, New York	May 8,	--
Nail machine.	Jesse Reed, Kingston, Massachusetts	Aug. 14	--
Nail machine.	Mark and Richard Reeve, Philadelphia	Nov 14,	--
Nail machine.	Robert Turner, Boston	Nov 25,	--
Net or seine.	Samuel May, Columbia, Pennsylvania	Jan 11,	1812
Nails, machine for cutting and heading.	J. White, Phil.	Jan 11,	--
Nails, machine for cutting and heading.	Mark and Richard Reeve, Burlington, New Jersey	Feb 3,	--
Nail machine for cutting and heading.	John Newalls, Nath. and Daniel Chichering, Dover, Massachusetts	March 9,	--
Nails, machine for heading and cutting.	Mark and Richard Reeve, Burlington, New Jersey	Oct 31,	--
Nails, brass, copper, composition.	G. W. Robinson, Attleborough, Massachusetts	March 17,	1813
Nails, machine for cutting and heading.	M. and R. Reeve, Philadelphia	April 16,	--
Nap on cloth, machine for raising.	J. Mather, Barre, Ver.	May 27,	--
Nail machine.	William Lutgen, Marietta	Sept 8,	--
Nail machine.	Mark and Richard Reeve, Philadelphia	Sept 28,	--
Nail machine.	Richard Moore, Lycoming county, Penn.	Jan 13,	1814
Nails, machine for heading.	S. Rogers, Bridgewater, Mass.	Jan 26,	--
Nail, sprig, brad, machine.	R. Turner, Boston	Feb 21,	--
Nail cutting machine.	E. A. Lester, Herkimer, New York	April 2,	--
Nails, machine for heading.	Jacob Davey, Fairhaven, Ver.	April 7,	--
Nails, brads, &c. machine for.	Stephen Belnap, Washington City	April 8,	--
Nails, cutting and heading.	S. Rogers, Bridgewater, Mass.	Oct 21,	--
Nails, cutting and heading.	Jesse Reed, Hanover, Mass.	Oct 22,	--
Nails, cutting and heading.	Jesse Reed, Hanover, Mass.	Dec 16,	--
Nail machine.	Nathan Elgar, York, Pennsylvania	June 19,	1815
Nail machine.	John Elgar, York, Pennsylvania	June 21,	--
Nails, machine for cutting and heading.	Nathan Elgar, Yorktown, Pennsylvania	July 25,	--
Nail machine.	E. Bartholomew and W. Church, Boston	Aug 18,	--
Nails, machine for heading.	Henry Sedan, Troy, New York	Sept 6,	--
Nail machine.	Charles Phillips, jun. Sacketts Harbor, N. Y.	Oct 21,	--
Nail machine.	W. Warring and C. Philips, jun. Jefferson, N. Y.	Oct 21,	--
Nail cutter, cylindrical improvement.	Jacob Perkins, Newburyport, Massachusetts	Nov 1,	--
Nail, brad, cutting machine.	E. A. Lester, Baltimore	Dec 27,	--
Nail machine.	Henry Hayes, Philadelphia	Feb 24,	1816
Nail machine.	F. A. Russell, Georgetown, D. C.	March 14,	--
Nails cutting and heading.	Mark Reeve, Philadelphia	June 26,	--
Nail machine, improvement on.	Mark Reeve, Philadelphia	June 27,	--
Notes, bank.	See <i>Mark of Opacity</i> .		

Nails, machine for cutting and heading. T. Newhall, jun. Essex county, Massachusetts	- - -	Sept 7, 1816
Nails, machine for cutting and heading. Israel Northorp, Oneido, New York	- - -	Jan 7, 1817
Nails, machine for heading. Elisha Rigelow, Massachusetts	- - -	Jan 29, --
Nail cutting machine. Roswell Noble, Baltimore	- - -	Dec 17 --
Nap on cloth, machine for raising the. Eli Starr. Thomson, Sullivan township, New York	- - -	March 20, 1818
Nails, machine for cutting and heading. Hernan M'Cluer, Cortland county, New York	- - -	April 18, --
Nail machine for brads, &c. Gridley Jenkins, Plymouth county, Massachusetts	- - -	May 16, --
Nail machine. J. Kells and J. Carter, Philadelphia	- - -	June 10, --
Nail machine, improvement on. Melville Otis, Boston	- - -	Dec 31, --
Nails, sprigs, clouts, &c. polished. Roswell Noble, Baltimore	- - -	May 17, 1819
Nails, machine for cutting and heading. Daniel Poole, Zanesville, Ohio	- - -	March 22, 1820
Nails, machine for cutting and heading. Abiel Smith, Zanesville, Ohio	- - -	March 22, --
Nail machine, improvement on the. Thomas Morgan, N. J.	- - -	Sept 5, 1821
Nail machine, improvement on Perkins' and Reed's. George Thompson, Philadelphia	- - -	Sept 15, --
Nails, mode of securing the heads of. William Mellus, Dorchester, Massachusetts	- - -	Aug 3, 1822
Nails, machine for cutting and heading. Lemuel Bolles, N. Y.	- - -	Sept 19, --
Navigation, improvement in machinery for. Joseph Godley, Alexandria, New Jersey	- - -	Feb 22, 1823
Navigation, improvement in internal. James Renwick, N. Y.	- - -	Nov 7. --
Nails, improvement in making wrought. Leonard Norcross, Livermore, Maine	- - -	May 18, 1824
Nail engine, improvement in the. Thomas Morgan, Paterson, New Jersey	- - -	June 17, --
Nankeen dye, for making. Adolphus G. Trott, New York	- - -	Feb 11, 1825
Nankeen, a buff color, mode of making. Joseph B. Nones, Phil.	- - -	April 28, --
Nails, cutting and heading. Jesse Reed, Philadelphia	- - -	April 22, --
Nails, machines for feeding. do do	- - -	April 22, --
Nankeen, mode of making yellow. Joseph B. Nones, Philadel.	- - -	April 28, --
Nails, wrought, manufacture of. Henry Burden, Troy, N. Y.	- - -	May 26, --
Nails, spikes, &c. improvement in wrought. Jos. Krauser, of Philadelphia	- - -	Sep 23, --

O

Oil, whale, cleansing. Benjamin Folger, Hudson, New York	- - -	Jan 2, 1792
Oiled silk, linen, &c. manufacturing. Ralph Hodgson, N. Y.	- - -	Feb 1, 1793
Oil from cotton seeds. (See)	- - -	
Oil, spermaceti, &c. purifying. Richard Robotham	- - -	Aug 14, 1799
Oil, mode of infusing into leather. H. Guest, New Brunswick, New Jersey	- - -	July 16, 1801
Oil press, improvement in. Josiah White	- - -	Nov 27, 1804
Oakum, mode of manufacturing from old junk, &c. Daniel French, Middletown, Connecticut	- - -	Oct 9, 1805
Oakum, machine for picking, M. Morrison, Newburyport, Massachusetts	- - -	Feb 14, 1806
Oven. See <i>Perpetual</i> .	- - -	
Oakum, mode of making. Daniel Rider, New York	- - -	April 26, 1808
Ovens. John West, Stafford county, Virginia	- - -	Oct 27, --
Oil, lintseed, mode of discoloring. N. S. Parmantier, Phil.	- - -	June 30, 1809
Ovens. John Barnett, Upper Providence, Pennsylvania	- - -	March 3, --
Ores, mode of working certain. V. and J. King, Bellaire, Md.	- - -	May 30, 1811
Oils, mode of purifying. Lewis Lecesne, New York	- - -	June 23, --

Gil of vitriol, apparatus for.	Richard Maben, New York	-	Aug 21,	1811
Oven for baking.	John Bouis, Baltimore	-	Dec 30,	1812
Oars, wheels for elastic.	Louis M. Latour	-	Feb 16,	1813
Ores, reducing to powder.	Henry Alexander, Baltimore	-	Oct 27,	--
Ores, melting	Daniel Walworth, Middletown, Connecticut	-	May 27,	1814
Opacity, mark of.	J. Rich and E. Star, Philadelphia	-	May 11,	1816
Ointment for various uses.	Wm. Judkins, Smithfield, Ohio	-	June 26,	--
Oar, head for steering.	Cornelius Seaman, Washington county, Maryland	-	May 15,	1817
Ovens, mode of constructing	E. Treadwell, Salem, Mass.	-	Aug 27,	1818
Organs, improvement in.	Aaron M. Peasley, Boston	-	Nov 11,	--
Odometer for measuring distances.	J. Clarke, Powhattan county, Virginia	-	Nov 30,	--
Oxymuriate of lime, apparatus for the.	J. Kendall, Lincoln, Massachusetts	-	Jan 28,	1820
Ovens for baking.	Richard Wilcox, New York	-	April 20,	--
Oil from cotton seed.	Geo. P. Digges, Albemarle, Virginia	-	Dec 16,	--
Oven door flue.	Benjamin Simmons, jun. Bedford, Mass.	-	Oct 15,	1821
Ornamenting cloth, mode of.	J. C. Wood, Philadelphia	-	Dec 14,	--
Oil, mode of expressing.	John Hallock, Little Egg Harbor, N. J.	-	Jan 22,	1822
Oil, making castor.	Timothy Pharo, Tuckerton, New Jersey	-	Feb 5,	--
Oil cloth; improvement in making.	Isaac Macauley, Phil.	-	April 4,	1825
Oven, revolving.	Stephen Harris, Norfolk, Virginia	-	Dec 5,	--
Oakum, machinery for picking.	Ezekiel Waterhouse, Gardiner, Maine	-	April 24,	1826
Ornamenting walls, ceilings, &c.	Wm. West, Philadelphia	-	May 20,	--
Oil, mode of extracting by steam.	David Dodge, Hamilton, Massachusetts	-	May 14,	1827

P

Pantiles, making of.	<i>See Brick.</i>		
Punches for making impressions.	Francis Bailey, Philadelphia	-	Jan 29, 1791
Piles, driving for bridges, &c.	John Stone, Concord, Mass.	-	March 10, 1791
Pendulum, double, for ships.	Robert Leslie, Philadelphia	-	Jan 30, 1793
Pendulum, clock.	do do	-	Jan 30, --
Pendulum, double.	do do	-	Jan 30, --
Paper moulds, improvement in.	John Carnes, jun. Delaware	-	April 17, --
Paper, improvement in manufacturing.	John Biddis, Penn.	-	March 31, 1794
Pumps, water working.	E. Rigg, Pennsylvania	-	July 29, --
Pills, bilious, composition of.	Samuel Lee, jun. Connecticut	-	April 30, 1796
Paste.	<i>See Dough.</i>		
Piano forte, improvement in the.	James S. M'Lean	-	May 27, --
Plants, preservation of.	George Morris, Philadelphia	-	July 10, --
Pumps, improvement in.	Theobald Bourke	-	Nov 16, --
Printing press, improvement in a.	Apollos Kinsley	-	Nov 16, --
Preambulator for measuring a ship's way.	Amos Whittemore	-	Nov 19, --
Points to remove pains, &c.	E. Perkins, Connecticut	-	Feb 19, 1797
Pumps, improvement in boring.	Caleb Leach	-	April 13, --
Pills, anti-bilious.	Benjamin Duvall	-	May 3, --
Ploughs, improvement in.	Charles Newbold	-	June 26, --
Pipes and pumps.	<i>See Water.</i>		
Printing paper, leather, &c. a machine for.	John Dixey	-	Jan 24, 1798
Pump, an oblique.	Jonathan Hunt	-	June 7, --
Paper manufacturing, improvement in.	Cyrus Austin	-	Dec 14, --
Pills, a composition for.	Samuel Cooley	-	June 6, --
Pills, bilious.	Samuel H. P. Lee	-	June 26, 1799
Pumps for ships, mines, &c.	John Stickney	-	Nov 29, --
Paper, manufacturing of.	Robert R. Livingston	-	Oct 28, --
Pump, universal.	Apollos Kinsley	-	Oct 28, --
Pills, Hawks'.	John Hawks	-	Dec 14, --

Piano forte, improvement in. John J. Hawkins	Feb 12, 1800
Painters' colors, mode of grinding. See <i>Mill for do.</i>	
Potash, mode of manufacturing. Thomas Power	Sept 19, 1801
Paper made of curriers' shavings. J. Condict, jun. Newark, New Jersey	Dec 28, --
Paddles for propelling boats, improvement in. R. Claiborne, Monongalia county, Virginia	Feb 23, 1802
Potatoes. See <i>Starch made from.</i>	
Pumps, improvement in. Jacob Perkins	July 9, --
Pressing cotton, machine for. J. Idler, Washington City	Sept 24, --
Paper manufactured from corn husks. Burgess Allison and John Hawkins, Burlington, New Jersey	Dec 30, --
Pentagraph and parallel ruler. J. J. Hawkins, Bourdenton, New Jersey	May 17, 1803
Pumping, machine for. John Clark, Hudson, New York	May 19, --
Physiognotrace. Isaac Todd, Augustus Day and Wm. Bache	June 15, --
Packing goods, machine for. J. Clark and E. Evans, Hudson, New York	July 20, --
Pipes, leaden and others, secured from frost. David Lowmes, Philadelphia	July 21, --
Powder mill, improvement in. George Keyser	July 27, --
Pills, family. Daniel Coit, St. Albans	Oct 5, --
Pump. See <i>Bellows dry.</i>	
Propelling boats, for inland navigation, improvement in. Wm. Bell, Camden, South Carolina	Nov 25, --
Painting rooms, improvement in. John Selby, Baltimore	Dec 30, --
Pumps. See <i>Air and Bellows.</i>	
Paper mills, improvement in. Thomas Longstreth, Philadelphia	May 1, 1804
Pump boxes, improvement in the construction of. J. Stickney, Baltimore	May 1, --
Pot and pearl ashes, furnace for making. Edward Crafts, jun. Geneva, New York	May 12, -
Pumping. See <i>Water.</i>	
Plough, improvement in. John Deaver	July 12, --
Plaster mill. Emanuel Kent	Sept 14, --
Physiognotrace. Daniel Atherton, Richmond, Virginia	May 4, 1805
Posts of clay for fencing, mode of making. William Cooley, Bolton, Connecticut	May 27, --
Planing by machinery. John Bennock, Boston	June 1, --
Polychrestum. See <i>Sulphate, &c.</i>	
Picking oakum. See <i>Oakum.</i>	
Planing machine. Joseph Hawkins, Philadelphia	Feb 19, 1806
Planing machine. See <i>Joining.</i>	
Propelling boats up rivers by cranks and setting poles. John Haven, Montgomery, Virginia	April 17, --
Pantiles. William Harwood, Richmond, Virginia	July 3, --
Paint. See <i>Yellow.</i>	
Perpetual oven. James Dencal, Dumfries, Virginia	Dec 4, --
Paper trimmer. Parke Shee, Philadelphia	Feb 7, 1807
Pendulum screw. Lewis Dupie, Charleston, South Carolina	April 1, --
Plough, improvement in. David Peacock, Burlington, N. J.	April 1, --
Propelling boats, &c. by oars. James A. Pearce, Louisville, Kentucky	April 1, --
Paper, machine for making. Charles Kinsey, Essex, N. J.	May 8, --
Piano forte, improvement in. Ralph Shaw, Boston	July 2, --
Pills, machine for making. Webster Lewis	July 10, --
Pastes, mode of making Italian maccaroni, vermicelli, &c. John B. Sartori, Philadelphia	July 13, --
Planking hats, machine for. Joseph Pitkin and Timothy Kim- ball, Hartford, Connecticut	Oct 19, --
Plough, improvement in. Hezekiah Harris, Bullet, Kentucky	Feb 24, 1808

Pump, improvement in.	Daniel Watson, Plymouth, Mass.	March 4, 1808
Propelling.	See <i>Boats</i> .	
Pump.	See <i>Forcing</i> .	
Propelling boats, machine for.	W. Wadsworth, Hartford, Conn.	March 15, --
Pendulum power for machinery.	J. Tallman, Albany, N. Y.	March 31, --
Press screw.	Thomas Cahoon, Washington	April 14, --
Paper.	See <i>Smoothing</i> .	
Pearl ash, mode of making.	Ruben Answorth	May 16, --
Pumps, improvement in.	William Rhodes, New York	May 26, --
Pressing machine.	R. Peirpoint Cunningham, Pomfret, Conn.	May 21, --
Press.	See <i>Double Lever</i> .	
Propelling boats across rivers by the current.	Samuel Stilwell, and Daniel S. Wandall, New York	June 3, --
Pressing and boring machine.	Robert Ramsey, New Hampshire	July 9, --
Pressing straw or chip hats, machine for.	Samuel Prince, N. Y.	Aug 31, --
Pump bellows for furnaces, &c.	Isaiah Jennings, New York	Sept 20, --
Pigment black for printing ink, &c.	J. Cist, Wilkesbarre, Penn.	Oct 28, --
Plough, improvement in.	Richard B. Chenoweth, Baltimore	Nov 25, --
Plaster of Paris, mill for breaking.	William Brown, Baltimore	Dec 8, --
Pipes or tubes, mode of casting.	Williard Badger, Boston	Dec 26, --
Pneumatic forcing pump.	Phiny Upham, Brookfield, Mass.	Jan 6, 1809
Pumps.	Abraham Horn, Easton, Pennsylvania	Jan 6, --
Pounding rice, machine for.	A. D. Moore, New Hanover, N.C.	Jan 19, --
Pot ash.	See <i>Lye</i> .	
Paper, mode of making from alga.	S. Green, New London, Conn.	Feb 15, --
Paring apples, machine for.	Williard Badger, Boston	Feb 16, --
Pendulum mills.	Isaac Cobb, Walpole, New Hampshire	March 1, --
Planting machine.	John Beecher, Lycoming county, Penn.	March 18, --
Pounding.	See <i>Rice</i> .	
Pump, mechanical.	William Schultz, Baltimore	June 24, --
Press.	See <i>Washing</i> .	
Pumps	Jacob Canfield, Morristown, New Jersey	June 28, --
Pendulum lock.	Samuel Goodwin, Baltimore	July 7, --
Paper moulds.	See <i>Wire Work</i>	
Pipe or grate heater.	See <i>Boiler</i> .	
Pruning shears.	Simon Jocelin, New Haven, Connecticut	July 13, --
Planting plough.	Frederick Woodward, New Lisbon, N. Y.	July 18, --
Pump, uniform working.	James Josslyn, Hanover, Mass.	July 25, --
Planing boards.	Christian Ritter, Beaver, Pennsylvania	Aug 11, --
Press for cheese, &c.	Israel Nichols, Otsego, New York	Oct 12, --
Planing machine.	Joseph Coppinger, Beaufort, S. C.	Oct 31, --
Preserving animal and vegetable substances.	Joseph Coppinger, Beaufort, South Carolina	Nov 23, --
Pen, metallic writing.	Peregrine Williamson, Baltimore	Nov 22, --
Pump, double bored pendulum.	A. Fana, Montgomery, Penn.	Dec 5, --
Pump, balance wheel.	Lewis Schrach, Norristown, Penn.	Dec 8, --
Plating gun barrels, &c.	John Fowler, Lancaster, Penn.	Jan 4, 1810
Plating horn combs.	John P. Spies, Baltimore	Jan 8, --
Protractor, universal.	Ennion Williams, Philadelphia	Jan 19, --
Printing press.	J. P. Sawin and T. B. Wait, Boston	Feb 1, --
Pendulum scale.	Moses L. Morse, Cambridge, Massachusetts	Feb 21, --
Propelling machine.	Abraham G. D. Tuthill, New York	Feb 22, --
Pressing machine.	R. V. W. and J. Thorne, New York	March 26, --
Pump, horizontal.	Luther Holland, Belchertown, Mass.	March 28, --
Perpetual.	See <i>Still</i> .	
Pressing cloths.	Joseph Sage, Berlin, Connecticut	April 14, --
Pricking leather, machine for.	Robert U. Richards and Mills Richards, Norfolk, Connecticut	April 24, --
Pumping machine.	Royal Yeamans, Springfield, Mass.	May 23, --
Pendulum machine.	Joseph Lefever, Providence, R. I.	June 13, --
Printer's ink.	Ben. Chase, New London, Connecticut	June 28, --

Pump, Chinese chain. Jeremiah Black, Northumberland, Penn.	Aug 2,	1810
Press, windlass lever. T. Williams, Philadelphia	Aug 31,	--
Press, double screw. Elisha Winter, New Orleans	Sept 4,	--
Printing paper and calico. Leonard Beatty, Wilkesbarre, Penn.	Dec 28,	--
Pump. See <i>Steam</i> .		
Printing press. John P. Sawin and T. B. Wait, Roxbury, Mass.	Jan 28,	1811
Pressing cloths with plates. Volkert Vedden, Amsterdam, N. Y.	Feb 6,	--
Pump, double forcing. William Beach, Franklin county, N. Y.	Feb 19,	--
Propelling boats by horses, &c. S. Fuller, Clerk county, Ind.	Feb 19,	--
Pump, double forcing. T. Ferris, Dutchess county, New York	Feb 20,	--
Plat, straw. William Pond, Wrentham, Massachusetts	Feb 28,	--
Paddles. See <i>Chain</i> .		
Pump, double forcing. Levi Gray, Otsego, New York	March 7,	--
Pump. Pliny Upham, Brookfield, Massachusetts	March 9,	--
Pendulum steam engine. John Staples, Richmond, Virginia	July 18,	--
Pegs for shoes. Samuel Hitchcock and John Bement	July 30,	--
Pump, sea motion. Bennet Lies, New York	Aug 19,	--
Plough, varying the motion of. John Sandford, Sharon, Conn.	Aug 20,	--
Pump for the use of ships. Andrew Kenshaw and Nathan Har-		
low, jun. Bangor, Massachusetts	Aug 30,	--
Plough. Nicholas Turbet, Fredericktown, Maryland	Sept 7,	--
Pump. Luther Holland, Belchuston, Massachusetts	Sept 10,	--
Pleasant spinners. Daniel Reed, Brookfield, New York	Sept 10,	--
Press for pressing cotton, hay, &c. Moses Jaques and Henry		
Freeman, Woodbridge, New Jersey	Oct 2,	--
Pendulum mill. Solomon Thayer, Braintree, Massachusetts	Oct 9,	--
Press, wooden screw for cotton. Jacob Pierson, Knoxville,		
Tennessee	Oct 17,	--
Posts, machine for boring. Anthony Butler, Vermont	Nov 7,	--
Portable kitchen. James Trueman, Philadelphia	Dec 3,	--
Pump. Jonathan Evans, Whitestown, New York	Jan 6,	1812
Plough. John Klay, Frederick county, Maryland	Jan 11,	--
Plough. Roswell Tousley, Cayuga New York	Jan 11,	--
Press, increasing. Abraham Norton, Litchfield, Connecticut	Feb 11,	--
Pump and fire engine. Isaiah Jennings, Philadelphia	April 1,	--
Plaster of Paris, breaking. Paul Geiger, Robison, Berks coun-		
ty, Pennsylvania	May 12,	--
Propelling boats. William Shaw, Otsego, New York	June 5,	--
Pressing and straining oil, &c. John Cunningham and Samuel		
S. Edmonston, New York	June 29,	--
Plumets of lead. Thomas Weston, Peacham, Vermont	June 26,	--
Pump, cog and pendulum. Benet Lies, New York	Aug 6,	--
Propelling boats and vessels, &c. Alexander Anderson, Phil.	Aug 21,	--
Propelling boats by sculling. Isaac Siluman, Philadelphia	Dec 17,	--
Pendulum mill. William Grandin, Hector, New York	Jan 6,	1813
Pitch forks. Jared Byinton, Hinesborough, Virginia	Jan 12,	--
Preparing colors and paints. Henry Alexander, Baltimore	Jan 14,	--
Plough. John Sietz, Strasburg, Pennsylvania	Feb 8,	--
Printing press and mode of distributing the ink. William Elliot,		
Washington, District of Columbia	Feb 17,	--
Printing press. Z. Mills, Hartford, Connecticut	Feb 26,	--
Planing machine. W. Badger, Madison county, Mississippi		
Territory	March 2,	--
Perpetual wool spinner. Burgess Allison, Burlington, N. J.	March 3,	--
Pumps. Jacob Perkins, Newburyport, Massachusetts	March 23,	--
Press for hay. Richard V. W. Thorn, New York	April 29,	--
Perspective drawing mechanically. S. De Witt, Albany, N. Y.	April 30,	--
Planc irons, manufacturing. Daniel Pettibone, Philadelphia	May 6,	--
Plough, bull. Sylvanus Tousley, Onandago, New York	May 28,	--
Plough. Mathew Patrick, Scipio, New York	June 2,	--
Press. Silas Hitchcock, Vernon, New York	June 25,	--

Printing press. Jacob Perkins, Newburyport, Massachusetts	June 29,	1813
Printing press. Daniel Pierson, Newburyport, Massachusetts	July 16,	--
Pumps. Thomas Nicholson and Samuel Gunn, Genoa, N. Y.	Aug 6,	--
Plough. Mathew Murray, Middletown, Maryland	Aug 7,	--
Plough. Horace Pease, Enfield, Connecticut	Aug 28,	--
Press. Samuel S. Edmonston, New York	Sept 1,	--
Paper hanging. Hezekiah Steel, Hudson, New York	Sept 8,	--
Pump for elevating grain. J. Ewing and D. Dickey, Oxford, Pennsylvania	Oct 2,	--
Planing machine. William Kimball and Samuel Willard, jun. Mount Vernon, New Hampshire	Oct 23,	--
Propelling boats by levers, &c. John T. Schenck, New York	Oct 23,	--
Paint, iron made into. B. Wilbor, Whitestown, New York	Feb 10,	1814
Proof for ardent spirits. Benjamin Miller, New Salem, N. Y.	Feb 21,	--
Potatoes, machine for grinding. Jesse King, Florida, N. Y.	March 1,	--
Plough, bar share. John and Joshua Butler, Chester county, Pennsylvania	March 1,	--
Paper, pelts used in making. John M. Thorndike	March 7,	--
Pegs, attaching leather with. S. B. Brown, West Chester, N. Y.	April 2,	--
Pipes, making lead. Alpheus Tod, Oxford, New Hampshire	April 18,	--
Paints, grinding. Peter Bristead, Green county, New York	April 18,	--
Ploughs. J. Wood, Scipio, New York	July 1,	--
Ploughs, Jonathan Swan, Scipio, New York	July 5,	--
Pounding rice, &c. Asa Nourse, St. Lukes, South Carolina	July 5,	--
Pins, machine for making. Moses L. Morse, Boston	Aug 22,	--
Plough. J. Morgan and J. B. Harris, Scipio, New York	Oct 11,	--
Pins and needles, making. William F. Hill, New York	Oct 15,	--
Preserving animal and vegetable substances, &c. D. Cooley, New York	Oct 24,	--
Plough, bull. Roswell Tousley and J. Swan, New York	Nov 9,	--
Plough. Henry Shultz, Lancaster, Pennsylvania	Dec 17,	--
Packing, machine for. Joseph Lyon, Philadelphia	Jan 15,	1815
Paint, mode of making brown. T. Miller, jun. Madison county, New York	Jan 25,	--
Press, cider mill. Ozias Pettibone, Hartford, Connecticut	March 1,	--
Perspective protractor. Bass Otis, Philadelphia	March 14,	--
Pump, double air and water. James Smallman, Philadelphia	March 27,	--
Pin lathe for buttons. William Lawrence, Menden, Conn.	April 12,	--
Pressing machine. Timothy Puffer, Paris, New York	May 23,	--
Pedometer, sea. Bennet Lies, New York	June 20,	--
Paper, machine for printing and staining. B. Mesteyer, N. Y.	June 28,	--
Pump, double air. James Smallman, Philadelphia	Aug 29,	--
Pendulum machine. C. L. Allen, Newark, New Jersey	Oct 13,	--
Printing books. Samuel Randall, Warren, Rhode Island	Jan 4,	1816
Pneumatic machine. David Lloyd, Cambria, Pennsylvania	Jan 7,	--
Plough, corn dressing. Elisha Bean, Massachusetts	March 4,	--
Plaiting ruffles. S. W. Talbot, Dedham, Norfolk	May 5,	--
Paper, heating the pulp for. J. Robison, Montgomery, Penn.	May 22,	--
Propelling vessels in a calm. Stephen Rudd, New York	June 14,	--
Pump. Edward B Scammon, Scipio, New York	June 20,	--
Piano forte. George Charters, New York	July 8,	--
Press, steam. E. Barker and John and Aaron Hall, Boston	July 12,	--
Pontoons, construction of. Henry Carbery and Wm. Tathan, Washington	July 19,	--
Pulverator. Nathan Jones, Boston	July 23,	--
Plough, machine for drawing. Luke Johnson, Leominster, Massachusetts	Aug 6,	--
Piston. Peter A. Brown, Philadelphia	Oct 9,	--
Plough, double. John Cromwell, Roysterstown, Maryland	Oct 23,	--
Posts for chairs. Elijah Farrington, New York	Oct 26,	--
Paper, making. Thomas Cilpin, Philadelphia	Dec 24,	--

Pipes, conduit. Elisha Putnam, Albany, New York	Dec 31, 1816
Pump, elliptic valve. James Baker, Charleston, Massachusetts	Jan 16, 1817
Paints and colors, impressing. Lewis J. B. Wells, Philadelphia	Jan 24, --
Pump. Daniel W. Christman, New York	Feb 8, --
Propeller, sub-marine. John L. Sullivan, Boston	March 24, --
Pumps. John M. Dearborn, Boston	May 3, --
Pumps. Thomas Nicholson, Washington City	April 29, --
Pump, single valve. Isaac Scott, Boston	May 2, --
Pump. William P. Tilton, Boston	May 6, --
Pump. James Baker, Boston	May 9, --
Pump, horizontal circular valve. Eben. Lemon, Boston	May 23, --
Plough. David Peacock, New Mills Post Office, New Jersey	May 29, --
Plough, angular. John Lupton, Virginia	July 31, --
Pump. John C. Helm	Aug 1, --
Propelling vessels. Joseph Cerneau, New York	Aug 28, --
Pumps. Luke M. and Mark Loughton, Portsmouth, N. H.	Sept 1, --
Propelling vessels by animal power. J. P. Durand, New York	Oct 3, --
Pumps. Spencer Thomas, Boston	Oct 10, --
Pumps. William Purcell, New York	Nov 1, --
Propelling boats by animal power. Anthony Olney, Canton, Massachusetts	Dec 11, --
Perpetual ovens, improvement on Deneal's. W. T. Hunter, New York	Jan 8, 1818
Plugs and bungs, machine for cutting. A. Donaldson, Salem, Massachusetts	Jan 15, --
Pen, instrument for holding. Henry Smith, Georgetown, D. C.	Jan 15, --
Propelling boats, mode of. J. P. Durand, New York	Jan 17, --
Polishing powder. Holmes Greenwood, Providence, R. I.	Jan 28, --
Pump, improvement in. Daniel Updike, New York	Feb 19, --
Propelling boats. Joseph Cerneau, New York	March 6, --
Planing boards, &c. machine for. J. Baldwin, Westfield, Mass.	March 7, --
Pumps. F. Harrison, Easton, Pennsylvania	March 16, --
Propelling boats. Moses Isaacs, Philadelphia	March 17, --
Propelling boats. M. Ulman and Moses Isaacs, Philadelphia	March 17, --
Paper, machine for preparing rags for. B. Cox, Northampton, Massachusetts	March 28, --
Propelling boats. John James Giraud, Baltimore	April 10, --
Propellers for ships. John L. Sullivan, Boston	April 28, --
Propelling boats, machine for. R. L. Deprest, New York	May 5, --
Pluribus unum. H. Clerc and P. Ricardi, New York	May 25, --
Pump or suction machine. John Edwards, Urbana, Ohio	May 25, --
Plough. Gideon Davis	May 26, --
Plaster, machine for breaking. A. Fettrow, York, Penn.	May 28, --
Painting fret, &c. John Mackay, New York	May 28, --
Printing press. Adam Ramage, Philadelphia	May 28, --
Propelling boats. Thomas Kearsing, New York	June 6, --
Plough. Samuel Ogle, Graceham, Frederick county, Maryland	June 9, --
Pump. William Hendrick, New York	June 12, --
Pumps, wing valves for. William Francis, Boston	July 11, --
Piano fortes, improvement in. J. A. Gittwaldt, New York	Aug 27, --
Propelling boats, improvement in. Henry Farmlham, Albany, New York	Sept 5, --
Plough, improvement in. Perry Miller, Cambridge, New York	Oct 26, --
Plough shares, improvement in rolling out. Joseph Potts, Montgomery county, Pennsylvania	Nov 7, --
Propelling boats, improvement in. Abraham Taylor, N. Y.	Nov 18, --
Propelling boats, improvement in. J. Gray, Peekskill, N. Y.	Nov 18, --
Propelling boats; improvement in. A. Bartholomew, Albany, New York	Dec 1, --
Plough, improvement in the. Lemuel Goodrick and John Adams, Hudson, New York	Dec 3, --

Plough, improvement in the.	Richard Nichols, Harrison, N. Y.	Dec 19, 1818
Paint, machine for grinding.	E. Skinner, Sandwich, N. H.	Dec 28, --
Plough, improvement in the.	G. D. Avery, Wood county, Va.	Dec 28, --
Propelling boats by the screw power.	H. W. Wheatley, N. Y.	Dec 30, --
Plough, improvement in the.	Stephen M'Cormick, Faquier Court House, Virginia	Feb 3, 1819
Propelling boats, &c.	Wm. J. Lewis, Virginia	Feb 3, --
Printing press.	John J. Wells, Hartford, Connecticut	Feb 8, --
Pump.	James Barron, Norfolk, Virginia	Feb 20, --
Press, progressive lever.	Jacob Perkins, Philadelphia	Feb 27, --
Printing press, improvement in the.	B. Allison and William Elliot, Washington, District of Columbia	March 11, --
Plough, improvement in the.	Zadock Harris, Hartford, Washington county, New York	March 17, --
Propelling boats.	James Lyon, Statesburgh, South Carolina	April 3, --
Propelling boats, &c. improvement in.	D. Cooke, N. J.	April 16, --
Pencils, composition for making.	Joseph Ellis, Dedham, Mass.	April 26, --
Pump, improvement in.	J. L. Munson, N. H. Connecticut	April 26, --
Pressing straw bonnets, machine for.	Preston Whiting, Hopkington, Middlesex county, Massachusetts	June 11, --
Plough, improvement in the.	Abraham and J. Tice, Union Village, New York	Aug 21, --
Plough, improvement in the.	J. Wood, Poplar Ridge, Cayuga county New York	Sept 1, --
Pronunciation, mode of teaching.	Jacob A. Cummings, Boston	Nov 3, --
Plough.	C. Bergen, New York	Nov 11, --
Pump.	Robert Gray, Milton, Pennsylvania	Nov 11, --
Plough.	J. Swartwout, Taghkanie, Col. county, New York	Nov 13, --
Paper, machine for making.	John B. Pignatelli, New York	Dec 2, --
Posts, see a machine for boring.	J. Corbett, West Hanover, Pennsylvania	Dec 21, --
Pump, double forcing.	W. Baker, Springfield, Otsego county, New York	Dec 31, --
Plough, improvement in the.	Philip Marshall and Jacob B. Smith, Lambertsville, New Jersey	March 3, 1820
Pump, wind power.	Heman Bronson, Litchfield, Connecticut	March 8, --
Plough, improvement in the.	George Gibbs, New York	March 8, --
Privies, improvement in.	Marc Marie Duplat, Charleston, S. C.	March 16, --
Propelling boats, machine for.	W. R. Loweree, Queens county, New York	March 29, --
Pump, improvement in the double forcing.	S. Gillet, Hartford, Connecticut	April 6, --
Planetarium, or heliogeastrum.	Theodore Newall, Poultney, Vermont	April 12, --
Propelling boats.	John J. Giraud, Baltimore	April 19, --
Pump, suction.	Levi Gray, Springfield, New York	May 9, --
Propelling boats by setting poles.	Robert Kenny, Augusta county, Virginia	June 7, --
Pressing cotton, machine for.	John Graham, China Grove, S. C.	June 17, --
Ploughs.	John W. Jenkins, Hudson, New York	July 6, --
Propelling boats.	Jacob Coon and Benjamin Hyde, Hartford, New York	July 11, --
Power, gaining by cog wheels, &c.	Chas. Redheffer, Phil.	July 11, --
Plough.	John S. Wright, Greenwich, New York	July 28, --
Plough.	R. and E. A. Stevens, Hoboken New Jersey	Sept 20, --
Power loom, improvement in the.	Wm. Gilmour, Smithfield, Rhode Island	Oct 28, --
Pans, burning and baking.	William Burtis, New York	Nov 7, --
Plough, improvement in the.	Charles Wood and Gilbert Brundage, Blooming Grove, New York	Nov 9, --
Propelling vessels, machine for.	John James Giraud, Baltimore	Nov 22, --

Pegs, making wooden.	Thomas Rowell, Hartford, Vermont	Nov 24, 1820
Plough, improvement in the cast iron.	John Stevens and John Fay, Rockingham, Vermont	Dec 14, --
Propelling vessels, machine for.	John James Giraud, Baltimore	Jan 3, 1821
Ploughing, a shifting share for.	John Wood, Castleton, N. Y.	Feb 1, --
Printing, mode of bronzing.	George John Newberry, N. Y.	Feb 1, --
Propelling vessels by wheels, in calms.	B. S. Doxey, U. S. Navy	Feb 9, --
Press, lever.	Thatcher Blake Turner, Maine	Feb 21, --
Planting Indian corn, machine for.	A. C. Flushing, Queen's county, New York	March 20, --
Press, spiral lever.	A. O. Stansbury, New York	March 21, --
Printing press, improvement in the.	A. O. Stansbury, N. Y.	April 7, --
Ploughs, improvement in cast iron.	Robert L. and E. A. Stevens, Hoboken, New York	April 23, --
Ploughs, hardening part of the edge of the share of.	Robert L. and E. A. Stevens, Hoboken, New York	April 23, --
Printing press, improvement in the.	Samuel Rust, New York	May 11, --
Planes, improvement in carpenter's.	R. Wellford and Joseph H. Deas, Philadelphia	May 14, --
Pulverising wood, &c.	Alexander Tolson, Georgetown, D. C.	June 2, --
Plough, improvement in the cast iron.	George G. Ring, Redhook, N. York	June 23, --
Printing and staining silks.	Thomas and William Bryan, N. Y.	June 29, --
Plough, improvement in the cast iron.	O. Seely, Pottstown, Pennsylvania	Aug 27, --
Plough, improvement in the cast iron.	Wm. Falconer, N. Y.	
Plough, improvement in the.	Oliver Phelps and G. Moorehouse, Lansingburgh, New York	Nov 17, --
Plough, improvement in the cast iron.	David Hitchcock, N. Y.	Dec 29, --
Pick-axe, improvement in the.	Luke Baker, Putney, Windham county, Vermont	Jan 15, 1822
Plough, improvement in the.	David Peacock, Northampton, New York	Jan 21, --
Plough, improvement in the.	Wm. G. Shuart, Orange county, New York	Feb 5, s-
Pantaloons and waistcoats, making.	Charles Herwick, N. Y.	Feb 8, --
Plough, cast iron.	Josiah Dutcher, Durham, New York	Feb 12, --
Plough, cast iron.	George W. Hawkins and Horace Emery, Windsor, Vermont	Feb 16, --
Pressing machine.	Philip Freeman, Perth Amboy, N. J.	Feb 20, --
Press frame, standing.	Bejamin F. Brown, New York	March 2, --
Plough for hoeing, &c.	Col. George Gill and George Gill (B. S.) Chester District, South Carolina	March 25, --
Punching holes, machine for.	John Sarchet, Philadelphia	April 2, --
Printing press, improvement in the.	Peter Smith, New York	April 6, --
Pails, machine for making.	Reuben Hyde, Winchester, Mass.	April 19, --
Ploughs, improvement in.	John Gibson, Montgomery county, New York	May 2, --
Paper, machine for making.	John Ames, Springfield, Mass.	May 14, --
Percussion gun, improvement in the.	Joshua Shaw, Philadel.	June 19, --
Plough share, improvement in the.	Baily Carpenter, Somers-town, New Jersey	July 1, --
Pipes, leaden, for aqueducts.	Richard Ward, Waterbury, Conn.	July 5, --
Plough, improvement in the.	Abijah Lee, West Chester, N. Y.	July 22, --
Pessaries, improvement in.	Duke Baker, New York	Sept 12, --
Plough, improvement in the.	Joseph Woolly, Troy, New York	Sept 14, --
Pianos, detached sounding board for.	James Stewart, Boston	Nov 14, --
Plough, improvement in the.	Peter J. Clute, Schenectady, N. Y.	Nov 16, --
Planking vessels, improvement in.	J. Thomas, Washington, D. C.	Dec 2, --
Plough, improvement in the.	Jacob Schoemaker and Jacob Dolson, the former of Ulster and the latter of Dutchess county, New York	Dec 7, --

Plough for covering corn, &c. improvement in the. T. Williams, Pittsylvania, Virginia	Dec 19, 1822
Plough, improvement in the. Ryland Rodes, Albemarle county, Virginia	Feb 25, 1823
Printing, improvement in the art of. William M. Dodge, N.Y.	March 6, --
Pipe, mode of making stove. Caleb Jones, Vermont	April 5, --
Percussion guns and pistols. Joseph Finch, New York	April 12, --
Piston and valve cock. John Lacy, Philadelphia	May 6, --
Pump, improvement in the forcing. J. Paddleford, N. Y.	May 6, --
Plough, improvement in the. J. Weaver, Washington, D. C.	May 8, --
Pipe, manufacturing plated lead. Thomas Ewbank, N. Y.	May 9, --
Press, printing. Adam Ramage, Philadelphia	May 19, --
Plough, improvement in the. George Nixon, New York	June 2, --
Plough, improvement in the. David Hitchcock, New York	July 16, --
Pin machine, improvement in the. Henry Western, Phil.	July 23, --
Ploughs, cutters, points, &c. for. David K. Jones, Palmyra, New York	July 29, --
Plough, improvement on Bergen's self-sharpening. Waldren Beach, Philadelphia	Aug 26, --
Plough, Hackney's. Obediah Hackney, Ohio	Aug 29, --
Pump, "forcing and suction." Joshua Clark, Vermont	Sept 11, --
Plough, improvement in the. John Nash, Talmage, Portage county, Ohio	Oct 14, --
Pneumo-hydraulic engine. Richard Willcox, New York	Nov 1, --
Protractor, rectangular. Nathaniel Goodwin, Hartford, Conn.	Dec 24, --
Pulverizing engine for drugs, &c. Isaac Eddy, Boston, Mass.	Dec 31, --
Plough, improvement in the cast iron. William C. Pancost, Addison, Vermont	Jan 29, 1824
Plough, improvement on Jethro Wood's. Solomon Austin, Sempronius, New York	Feb 27, --
Power produced without the aid of steam. Samuel Brown, London, England	March 2, --
Pulverizing machine. Isaac Eddy, Boston	March 19, --
Pressing tobacco. Jehu Gallaway, Baltimore	April 2, --
Plough, improvement on the self-sharpening. Waldren Beach, Philadelphia	April 9, --
Plough, improvement in the cast iron. Thomas Allison, Newton township, Sussex county, New Jersey	April 16, --
Pumps, improvement in the suction. Daniel Johnson, Boston	April 21, --
Plough, improvement in the cutter of the cast iron. Jonathan Swan, Cayuga county, New York	April 24, --
Pressing cotton, machine for. Franklin Shaler, Georgetown, Ohio	May 5, --
Plough, improvement in the cast iron. Ross Winans, Vernon, New Jersey	May 11, --
Planking vessels, improvement in. William Scarbrough, Darien, Georgia	May 19, --
Propelling, machinery for. William C. Sullivan, Jefferson county, Indiana	June 5, --
Piano forte, being in a longitudinal bar for. John Dwight, Bos.	July 29, --
Plough, improvement in the cast iron. D. Chase, A. Gregg, and J. Gregg, Palmyra, New York	Aug 4, --
Propelling boats, &c. Benjamin F. Joslin, Schenectady, N. Y.	Aug 21, --
Paper, manufacturing. Isaac Burbank, Worcester, Mass.	Sept 8, --
Plough, improvement in the cast iron. Nathaniel Gillet, jun. Talmage, Ohio	Sept 24, --
Plough, improvement in the. A. Spicer, jun. and Jonas Tower, Portage county, Ohio	Sept 25, --
Poppy seed, mode of obtaining oil from. Daniel Markham, Lenox, New York	Dec 2, --
Pump, improvement in the. James Y. Hunt, Tunbridge, N. Y.	Dec 24, --

Plough, improvement in the bar, the wing, &c. Garland Elington, Madison county, Alabama	Dec 25, 1824
Pump, forcing. Samuel Currey, Williamson county, Tenn.	Jan 3, 1825
Pan and furnace for evaporating liquids, &c. Augustus Colb, Steubenville, Ohio	Jan 14, --
Preserving animal substances, E. Daggett and T. Kensett, New York	Jan 19, --
Pharmaceutic composition. John C. Bay, Mount Pleasant, Ohio	Jan 26, --
Plough, improvement in the side hill. John Rich, jun. Troy, New York	Feb 10, --
Pegs, pointing, splitting, waxing wooden. T. Rowell, Hart- ford, Vermont	Feb 11, --
Plough, improvement in the. Phineas Pettis, Portage, Ohio	Feb 15, --
Plough, improvement in the. George D. Avery, Georgetown, District of Columbia	Feb 15, --
Pins, machine for making. L. W. Wright, Manchester, Eng.	March 12, --
Propelling levers for machinery. J. Turner, Marcellus, N. Y.	March 13, --
Plough, improvement in. George D. Avery, Georgetown, D. C.	March 25, --
Paper, polishing. George Bird, Walpole, Massachusetts	April 11, --
Pendulum power regulated by a fly wheel. Wm. M. M'Intosh and Wm. Barnheart, Aurelius, Washington county, Ohio	April 13, --
Plough, self-sharpening. Cadwallader Evans and Oliver Evans, Philadelphia	April 14, --
Pump. Jonathan Babcock, jun. Edmiston, New York	May 6, --
Pumps, beer and cider. Richard Sealy, New York	May 6, --
Plough. Stephen W. Whitman, Harpersfield, Ohio	May 7, --
Paper, books, &c. cutting. Joseph Woodhouse, Oswego, N. Y.	May 30, --
Press, water power, for cotton, &c. Josiah Durden, Washing- ton, Alabama	June 23, --
Plough. William F. Richardson, Auburn, New York	June 27, --
Pans or keelers. Amos Minor, Camillus, New York	July 20, --
Preponderating scale. Ezekiel Skinner, Camillus, New York	Aug 23, --
Plaster, called the three-fold cement. Ezra Godfrey, N. Y.	Sept 9, --
Propelling carriages by steam. Edward Clarke, New York	Sept 9, --
Plane irons. Peregrine Williamson, Baltimore, Maryland	Sept 9, --
Pans, in the manufacture. Sanford S. Perry, Troy, New York	Sept 9, --
Power wheel engine. John A. Wadsworth, Portsmouth, R. I.	Sept 27, --
Plough. Gideon Davis, Georgetown, District of Columbia	Oct 1, --
Pendulum lever. Cyrus Berry, Poughkeepsie, New York	Nov 1, --
Pressing oil. Isaac Clowes, Hampton, Virginia	Nov 3, --
Printing press. Daniel Neall, Philadelphia	Nov 15, --
Press, for cotton. David Wilkinson, New Providence, R. I.	Dec 8, --
Press for cheese, pumace, &c. Lebbeus Caswell, Harrison, Maine	Dec 9, --
Press for apples, &c. Bela Churchill, Buckfield, Maine	Dec 9, --
Piano fortes, metal frames for. Alpheus Babcock, Boston	Dec 17, --
Propelling carriages. Thomas Blanchard, Springfield, Mass.	Dec 28, --
Plough. Stephen M'Cormick, Fauquier county, Virginia	Jan 28, 1826
Pumps. Silvanus Russell, Olean, Cataraugus county, New York	Feb 4, --
Pressing machine. Nathan Whitney, Augusta, Maine	Feb 15, --
Pressing machine. Joseph Wilson, Otsego, New York	Feb 17, --
Picker tub. Benjamin Holbrook, Providence, Rhode Island	Feb 21, --
Printing press, power. Daniel Treadwell, Boston, Mass.	March 2, --
Pumping vessels, power wheel for. S. Town and R. W. Oli- phant, North Granville, New York	April 8, --
Paper, vibrating cylindrical mould for making. Gardner Bur- bank, Worcester, Massachusetts	April 12, --
Plough, hill side, double nosed cast iron. John Shepherd, De Renyter, Madison county, New York	April 12, --
Pump. Theodore Brooks, Rutland, New York	April 18, --
Plough, cast iron. Thadeus Fairbanks, St. Johnsburg, Ver.	April 19, --
Plough. William Cook, Luzern, Fayette county, Penn.	April 28, --

Pumping water for propelling machinery. Liscomb Knap, Brighton, New York	May 22, 1826
Pumping water for domestic purposes. do.	May 22, --
Press for cider, oil, &c. William H. Hoeg, Salem, Ohio	May 20, --
Press for hats. R. Tyler and B. P. Coston, Philadelphia	May 23, --
Press for packing cotton. Charles Williams, Petersburg, Va.	June 3, --
Percussion lock, for the rifle, &c. Joseph Medbery and Sil. Kellogg, Rochester, New York	June 16, --
Pressing unburnt brick, machine for. Ephraim Mayo, Hallo- well, Maine	June 24, --
Planting and working Indian corn. William Ross, Middle Bax- ter, Pennsylvania	June 24, --
Plugs, machine for cutting. Charles Josselyn, New York	June 28, --
Plough, improvement in the. Zeb S. Holdridge and Hy S. Lawson, Berne. New York	Aug 9, --
Printing press, improvement in the. David Phelps, Boston, Massachusetts	Sept 15, --
Printing press, improvement in the. Samuel Fairlamb, N. Y.	Nov 4, --
Press for packing cotton. J. Boatwright and James Nathans, Richland, South Carolina	Nov 21, --
Pipes, mode of making clay. John Bower, East Bethlehem, Pennsylvania	Dec 1, --
Press, for pressing cheese, cider, &c. Lebbeus Caswell, Har- rison, Maine	Dec 18, --
Planing boards, machine for. Herman Allen, Randolph county, North Carolina	Dec 22, --
Planting cotton seed, corn, &c. machine for. John Labdell, Warren county, Mississippi	Dec 26, --
Pressing and packing cotton, machine for. James H. McClel- land, Fairfield, South Carolina	Dec 28, --
Plane, revolving timber. Daniel N. Smith, Warwick, Mass.	Dec 28, --
Pendulum motion, lever engine for. Justin Jacob, Montreal, Canada	Dec 29, --
Press, for pressing hay. D. Flagg and Charles Peck, Gardiner, Maine	Dec 30, --
Plough for planting corn, improvement in the. H. Russel, Litchfield, Maine	Jan 16, 1827
Pipes, tubes, gutters, &c. made of clay. Jos. Putnam, Salem, Massachusetts	Jan 17, --
Press for tobacco, cotton, &c. B. R. Curtis, Richmond, Va.	Jan 29, --
Pumps, improvement in. J. Robinson and L. Shaw, Bath, Me.	Feb 1, --
Plough, improvement in. Ryland Rodes, Charlottesville, Alber- marle county, Virginia	Feb 20, --
Percussion gun lock, improvement in the. William A. Hart, Fredonia, New York	Feb 20, --
Pump for steam boilers, improvement in the. A. Judson, Swe- den, New York	Feb 23, --
Paper, mode of pressing. Ira White and Leonard Gale, New- burgh, Vermont	Feb 28, --
Propelling vessels by water pressure. Elisha Fuller, North Pro- vidence, Rhode Island	March 2, --
Pumping water out of ships by wind. Thomas Brownell, N.Y.	March 23, --
Pressing and lifting machine. Samuel Andrews, Bridgetown, Maine	March 28, --
Plough, improvement in the twin. Noble G. Cryer, Went- worth, North Carolina	March 24, --
Polishing hard and soft metallic substances, machine for grind- ing. B. Green, Hartford, Vermont	March 27, --
Power, mode of obtaining from certain fluids. Mark I. Brunel, London, England	March 30, --

Paper, machine for trimming the edges of.	John M ^c Clintock, Chambersburg, Pennsylvania	March 31, 1827
Propelling machinery of all kinds.	William Stanton, Centre township, Indiana	April 23, --
Preserving eggs, butter, and lard.	Thomas Edmundson, Pipe creek, Maryland	April 26, --
Paint, mill for grinding.	Allen Holcomb, Butternuts, N. Y.	May 14, --
Piano fortes, improvement in horizontal.	Thomas Loud, jun. Philadelphia	May 15, --
Plough, improvement in the cast iron.	Robert Sweeny, Warren county, Ohio	May 18, --

Q

Quercitron, or black oak bark, improvement in the preparation for exportation or home consumption.	Thomas Benger	Jan 25, 1804
Quadrant.	See <i>Gunners</i> .	
Quadrant.	Josiah Arnold, Caledonia, Vermont	April 14, --
Quercitron, or black oak bark.	N. Harper, Frankfort, Penn.	Oct 30, --
Quercitron, mode of preparing.	Joseph Lyon, Philadelphia	July 1, 1811
Quercitron, machine for preparing.	James Andrews, Phil.	July 15, 1816
Quills, machine for winding.	Francis Jones, New York	May 23, 1821
Quercitron bark, mode of preparing.	James Elliott, Phil.	Aug 20, 1822

R

Rhus, or sumach, manufacture of.	See <i>Sumach</i> .	
Raising water by wind.	Samuel Morey, New Hampshire	April 11, 1796
Rice and other grain, machine for scouring.	Robert Geant	Oct 17, --
Ruling books and paper.	Mark Isambard Brunel	Nov 16, --
Rice scoured, separating.	James Dellet	Dec 23, --
Rice, scouring or skinning, improvement in.	Samuel Mullikin	Feb 20, 1797
Rocks, &c machine for removing.	Isaac Lazell	May 18, 1798
Ropes, improvement in making.	Michael Wigglesworth	June 26, 1799
Runners and bows for sleighs and sledges.	Abijah Wilder	Dec 14, --
Rope yarn and twine, machine for spinning.	Stephen Gorham	Feb 4, 1800
Rice, gunpowder, &c. machine for pounding.	B. Botitho	Feb 7, --
Ruling paper, &c. machine for.	Richard Robotham	Oct 10, 1801
Rolling iron round, &c.	Henry Abbott, Philadelphia	May 4, 1802
Rolling iron for nails.	See <i>Nails</i> .	
Rice.	See <i>Hulling rice, machine for</i> .	
Refrigerator for domestic uses.	Thomas Moore	Jan 27, 1803
Ruling machine, improvement in.	Daniel Brewer, Phil.	April 22, --
Rolling machine.	See <i>Cleaning cotton</i> .	
Rectifying or improving spirits, improvement in the applica- tion of the principle.	Burgess Allison, Philadelphia	May 17, --
Rocks.	See <i>Boring under water</i> .	
Ruling paper.	See <i>Cylindric ruler</i> .	
Ruling plates of iron and cutting them into nails.	Samuel Ro- gers and Melville Otis	Dec 7, --
Rheumatic, liniment.	Abel Brown	Oct 17, 1804
Rafts.	William Deane, Pittsburg, Pennsylvania	Nov 4, 1805
Rheumatic pill.	George Barber, Dexter, Boston	Dec 18, --
Reaping grain, machine for.	Samuel Adams	Dec 28, --
Rowing machine.	Eben Bryant, New London, Connecticut	Jan 13, 1806
Rope yarn.	See <i>Spinning</i> .	
Raising vessels, machine for.	J. T. Morgan, New York	Oct 9, --
Ruptures.	See <i>Truss</i> .	
Ropes, mode of making to any size.	John Sellers and Andrew Bartle, Alexandria	May 5, 1807
Rigging vessels.	Stephen Sayre, Bordentown, New Jersey	May 9, --

Rays of the sun. See <i>Heating</i> .	
Rolling and slitting mills. Isaac Pierson, New York	Dec 21, 1807
Ruling machine, cylindric. John Fairbanks, Boston	April 21, 1808
Rivets, machine for making. Josiah Jennings, New York	April 25, --
Rectification of spirits. Osborn Parsons, Hudson, New York	June 23, --
Rice, machine for cleaning J. Lucas, jun. Charleston, S. C.	July 12, --
Rice, machine for hulling and cleaning. J. T. Ricketts, Cam- meron, Vermont	Aug 8, --
Raising water, machine for. Wm. Barker, Wilkesbarre, Penn.	Aug 26, --
Ratched wheel Marchus B. Parmelee, Newtown, Conn.	Sept 21, --
Refining lamp oil. Eli Fourestier, Philadelphia	Nov 17, --
Rotary steam engines. See <i>Stills</i> .	
Reacting water wheel, M'Comb's improvement in. Joel Farn- ham, Oswego, New York	Nov 23, --
Rolling wheel on an inclined shaft. S. Mirick, Madison county, New York	Nov 30, --
Rolling and plating iron, machine for. Stephen Couch and Asa Towne, Boston	Dec 10, --
Reading, mode of teaching. Hugh Chard, Washington county, New York	Feb 16, 1809
Rice, machine for pounding. Jacob Reed, Charleston, S. C.	June 9, --
Roving machine for flax and hemp. G. Brown, Sehatecoke, New York	June 16, --
Ropes. See <i>Cables</i> . William Schultz, Baltimore	
Rapid Jack for ascending rapids. Augustus Sacket, N. Y.	July 3, --
Rice, machine for cleaning. Roswell King, Darien, Georgia	Nov 21, --
Rocks, machine for drilling. E. Jones and Philip White, Brook- field, massachusetts	Dec 21 --
Raising grain. Jeremiah Bailey, Chester county, Pennsylvania	March 5, 1810
Rollers for sheaves of blocks. Mark Leighton, Portsmouth, New Hampshire	March 14, --
Rice, machine for beating out. J. Beck and J. Coppinger, Beck's ferry, South Carolina	March 19, --
Raising Water, machine for. Samuel Cuney, Williamson coun- ty, Tennessee	April 24, --
Reflector, elastic lamp, Joseph Flag, jun. Boston	May 17, --
Reflecting and magnifying lantern. Winslow Lewis, Boston	June 8, --
Rifle guns. Elisha Strong and C. Kellog, New Hartford, Conn.	Aug 31, --
Reverting wheels. Otis Paine, Foxborough, Massachusetts	March 1, 1811
Rice, machine for hulling. Sherman Dewey, Hartford, Ver.	March 2, --
Rollers, mode of casting iron. Cyrus Alger, Boston	March 30, --
Ripening and keeping malt liquor. Robert Hare, Philadelphia	Aug 22, --
Rolling wire. James Howell, Philadelphia	Jan 11, 1812
Ruling machine. Asa Spencer, New London, Connecticut	Feb 7, --
Rowing and propelling boats. William Shaw, Otsego, N. Y.	Feb 19, --
Rubbing wheat, &c. machine for. J. D. Richards, Middleburg, Virginia	Feb 27, --
Rubbing wheat, &c. machine for. George M. Adam Brown, Northumberland, Virginia	March 19, --
Rolling machine. Josiah White, Philadelphia	May 15, --
Roping and spinning machine. G. Cornell, Renssælear, N. Y.	July 22, --
Roping and spinning cotton, &c. John Brown, Providence, R. I.	Aug 8, --
Rail ways. See <i>Chain carts</i> .	
Rake for collecting apples. Ezias Hart, Berlin, Connecticut	Dec 31, --
Refrigerator. J. W. Bronaugh and J. Talbot, Georgetown, District of Columbia	March 16, 1813
Repeating gunnery. Joseph C. Chambers, West Middletown, Pennsylvania	March 23, --
Ropes and twine making. J. Heaven, Montgomery Court House, Maryland	Aug 3, --
Rheumatic pills. Ezra Deane, Biddeford, Massachusetts	Jan 13, 1814

Roller, impressed. John Owings, Baltimore	Jan 25, 1814
Ruler, spring penn. T. M. Pomroy and L. Hedge, Windsor, Vermont	June 21, --
Roller toothed for sowing. Abel Densmore, Le Roy, N. Y.	July 29, --
Reconductor, the. John Sargent, Vernon, New York	April 23, 1816
Roving machine for cotton. William Bryant, Davidson county, Tennessee	April 29, --
Reed, weavers. Jephtha A. Wilkinson, Otsego, New York	July 3, --
Ruling paper. Lewis Henry, Bellows Fall, Vermont	Aug 24, --
Rolling bar iron edgewise. George Ellicott, Baltimore	Sept 20, --
Refining sugar. Mervin Merrill, New York	Oct 25, --
Rocks blown under water. J. M. Syme, Richmond	Dec 12, --
Rivers, machine for cleaning the bottoms of. J. Tucker, Balt.	Dec 13, --
Ruling machine, double. T. Newhall, jun. Lynn, Mass.	Dec 26, --
Ribbons, machine for glossing. Charles Cromwell, N. Y.	Jan 27, 1817
Revolving ruler. Lemuel Hedge, Windsor, Vermont	March 3, --
Rope yarn, manufacturing. John Petman	March 14, --
Ruling machine. George Strowhaver and Frederick Sanxay, Cincinnati, Ohio	Sept 1, --
Roller for beating. Hugh Maxwell, Lancaster, Pennsylvania	Dec 26, --
Reaping and thrashing machine. John Hersey, Mathews county, Virginia	Feb 9, 1818
Rafts, mode of constructing. Daniel Gordon, Chanceford, Penn.	Feb 14, --
Rudder, mode of hanging ships'. Com. John Shaw, Phil.	April 10, --
Rollers, lathe for turning. Samuel Rogers, Bridgewater, Mass.	June 24, --
Rolling sheet iron, machine for. Do. do.	June 24, --
Rubbers, side. John L. Sullivan, Boston	Dec 11, --
Ropes, machine for. Robert Colbert, Boston	March 17, 1819
Rice polisher. J. Lucas, jun. Charleston	Nov 6, --
Rockers for cradles, chairs, &c. Samuel Simmons, Baltimore	Dec 21, --
Razor straps, improvement in. Jonas Crumbacker, Union, Frederick county, Maryland	Dec 24, --
Readies for cordage and ropes. Robert Graves, Boston	Dec 31, --
Ropes and cordage, making. Eleazor Crain, Springfield, N. Y.	Jan 10, 1820
Rail ways and carriages, improvement in. C. Williams, Richmond, Virginia	Jan 18, --
Rice, machine for cleaning. Richard French, Morrisville, Penn.	Oct 13, --
Readies, machine for making ropes. Robert Graves, Boston	Nov 22, --
Readies, drawing yarn for. Do. do.	Nov 22, --
Ropes, machine for making and laying. Do. do.	Nov 22, --
Ropes, machine for equalizing the strain. Do. do.	Nov 22, --
Ramrods, machine for making. Charles G. Barstow, Exeter, New Hampshire	Dec 21, --
Razor straps, paste for. Elisha M. Pomeroy, New Haven, Conn.	Jan 24, 1821
Rifle, repeating. Isaiah Jennings, New York	Sept 22, --
Razor straps, improvement in. John M. Fors, Baltimore	Oct 2, --
Rice, machine for cleaning. Lazarus Ruggles, New York	Oct 12, --
Reticules and pocket books, improvement in. William Winning, New York	Nov 7, --
Reeds, improvement in metallic. Peter F. Huben, Patterson, New Jersey	Nov 15, --
Rail ways, improvement in. Charles Williams, Boston	Nov 16, --
Rice, machine for hulling and shelling. Elihu Spencer, New Haven	Dec 5, --
Rotary steam engine. J. Lansing, jun. and A. Thayer, jun. Albany, New York	Jan 19, 1822
Razor straps, improvement in. Jacob Houck, New Market, Md.	Jan 24, --
Railing, ornamenting the tops of. Paulus Hedl, New York	Feb 21, --
Razor straps, composition for. D. Ritter, New Haven, Conn.	March 9, --
Rollers, mode of covering. Everet Williams, Stratford, N. H.	April 13, --

Rigging, attaching the standing. William H. Allen (killed by the pirates,) United States' navy, Albany, New York	July 10, 1822
Revolving lever for boats. Lewis Marchand, Blakely, Alabama	July 10, --
Rigging vessels, called centre reeving. Samuel A. Wells, Bos.	July 24, --
Rigging, called lever truss and sling. do. do.	July 24, --
Rivers, navigating and ferrying. Edward Clark, Philadelphia	June 25, 1823
Rotary motion, from a measured rectilineal one. Archibald Smith, New York	Aug 30, --
Ruling machine, for paper, &c. Richard Willcox, N. Y.	Sept 4, --
Rice mills, improvement in steam. John L. Norton, Charleston, South Carolina	Dec 16, --
Rolling machine, for cotton or wool. Jesse Hopkins, Strassburgh, Pennsylvania	Jan 14, 1824
Rolls, method of receiving from the machine. Gilbert Brewster, Norwich, Connecticut	March 13, --
Rotary motion, mode of producing a. William Scarburgh, Darien, Georgia	May 19, --
Rudders for vessels, construction of. Andrew Watkins, Salem, Massachusetts	May 21, --
Rail roads, improvement in. John Stephens, Hoboken, N. J.	June 8, --
Rapids, &c. rendered navigable. do. do.	June 8, --
Razors, improvement in making. J. Brown, Providence, R. I.	June 28, --
Revolving rake, improvement in. Henry and Ezra Hoopes, Wilmington, Delaware	July 26, --
Roping and spinning wool and cotton. A. Patterson and Francis Burdick, Delaware county, New York	Sept 29, --
Rail roads, construction of. John Stephens, Hoboken, N. J.	Oct 23, --
Roping cotton, slack, &c. Sydney Whiting, Franklin, Mass.	Nov 17, --
Raising water by weights. William Dabney, Richmond, Va.	Nov 20, --
Ruling paper, machine for. George Crosby, Augusta, Me.	Jan 21, 1825
Rail ways, improvement in. Edward Gray, Boston	March 15, --
Rail way, single. Henry Sargent, Boston	May 6, --
Rotary machine. Elisha Hale, Pomfret, New York	May 20, --
Roller, for wagon and carriage springs. John Barton, jun. Providence, Rhode Island	Sept 9, --
Rigging, mode of setting up standing. Benj. Booth, Wash.	Sept 28, --
Rectifying liquor. L. C. and Ph. Bodman, Baltimore, Md.	Sept 30, --
Reaping and cutting, machine for. James Ten Eyk, Bridgewater, New Jersey	Nov 2, --
Reacting or lever wheel. Luther Davis, Northampton, Mass.	Nov 4, --
Rice, &c. machine for cleaning. Alexander Shinie, Charleston, South Carolina	Dec 21, --
Refrigerators for distilleries. L. C. and Ph. Bodman, Balt.	Jan 6, 1826
Rice, machine for hulling and cleaning. John L. Norton, N. Y.	March 10, --
Rollers, heating calender. Joel Brimhall and Thomas Keyes, jun. West Boylston, Massachusetts	April 1, --
Repairing, mode of raising vessels for. Benj. Waterhouse, N. Y.	April 15, --
Rail roads, called forest rail roads. H. Pinkus and J. R. Williams, London, England	April 27, --
Rail way, with a lift. Ethan Baldwin, Harrisburg, Penn.	May 6, --
Rail ways, for teams to pass on. J. Brown and G. W. Robinson, Providence, Rhode Island	June 6, --
Rail way, endless, improvement in the. Jeremiah Price, N. Y.	Sept 15, --
Rail way, improvement in the submarine. John Thomas, N. Y.	Nov 6, --
Rail way, improvement in the marine. Richard Ward, N. Y.	Dec 28, --
Ropes, machinery for laying. David Myerle, Philadelphia	March 3, 1827
Rice, machine for hulling and cleaning. J. Campbell, Winsteborough, South Carolina	May 31, --

Stone and marble, polishing of.	Samuel Mulliken, Phil.	March 11, 1791
Spindles, diminishing friction of.	Robert K. Livingston, Clermont county, New York	Aug 4, --
Steam engine, improvement on Captain Savary's.	James Rumsey, Berkley county, Virginia	Aug 26, --
Steam, generation of.	Do. do.	Aug 26, --
Steam, application of to propel boats or vessels.	Do. do.	Aug 26, --
Steam engine applied to navigation.	John Fitch, Philadelphia	Aug 26, --
Steam engine, boiler of.	James Rumsey, Berkley county, Va.	Aug 25, --
Steam, boiler for generating.	J. Stevens, jun. Bergen county, New Jersey	Aug 26, --
Steam, raising water by.	Do. do.	Aug 26, --
Steam, applying the force of.	Do. do.	Aug 26, --
Steam engine boiler.	Nathan Reed, Massachusetts	Aug 26, --
Steam engine, improvement on Savary's, for raising water.	Englehart Cruse, Baltimore, Maryland	Aug 26, --
Steam jack.	John Baily, Boston	Feb 23, 1792
Steel, hardening and tempering.	David Hartley, Boston	Feb 24, --
Stones, mill, handmill for picking of.	Jonathan Dorr and Solomon Hodge, Washington, New Jersey	Oct 23, --
Spit, new method of turning a.	S. Morey, Oxford, Grafton county, New Hampshire	Jan 29, 1793
Sumach, or rhus.	Richard R. Saltonstall, New London, Conn.	Feb 28, --
Sugar, moulds for claying.	Jonathan Williams, jun. Phil.	March 13, --
Sumach, or rhus.	Richard R. Saltonstall, New London, Conn.	May 1, --
Stone of cast iron.	Robert Heterick, Pennsylvania	June 11, --
Sails of ships and boats, applying and regulating the.	Joseph S. Sampson, Boston	July 5, --
Sail, duck, weaving.	James Davenport, New Jersey	Feb 14, 1794
Still, steam, improvement in.	Alexander Anderson, Penn.	Sept 2, --
Salt, making from sea water.	James Fennel, Pennsylvania	Sept 24, --
Still, improvement in.	John Kincaid, Pennsylvania	Nov 25, --
Saw, round.	Zachariah Cox, Georgia	March 14, 1795
Still, worm of sheet copper.	John Taylor, Virginia	June 30, --
Stones, sawing and polishing of.	Jonathan Dickerson, N. J.	Jan 9, 1796
Seed, clover and other, cleaning.	Jonathan Roberts, jun. Penn.	Feb 13, --
Silk, linen, &c. oiled.	See <i>Oiled, &c.</i>	
Skins, seals, manufacturing of.	James Eaton, Massachusetts	Feb 16, --
Sumach, manufacturing.	Joseph Hilliard, Connecticut	May 12, --
Steam engine and boiler, invention of.	Elijah Bachus	May 31, --
Stays, &c. improvement in, for removing incurvatures or distortions of the spine.	Limdin M'Kechnie	July 1, --
Salt, improvement in making.	George James	Nov 16, --
Skins, improvement in splitting sheep.	James Stanfield	Nov 16, --
Soap, improvement in making.	John Nazro	Jan 6, 1797
Stoves, improvement in.	James M'Callmont	Feb 20, --
Stoves, improvement in.	Thomas Hirst	March 11, --
Stoves, improvement in.	Caleb Wheaton	March 29, --
Shingles and boards, improvement in making.	Bill Jervis	July 8, --
Saddles, improvement in.	Thomas Stickney	Nov 16, --
Stove, a soap stone.	William Payne	Dec 10, --
Steam engine, application to the sawing, cutting and manufacturing lumber.	Robert M'Kean	March 24, 1798
Steam engine, a double.	James Smallman, N. J. Roosevelt	May 31, --
Steam (S. M. 1799.)	See <i>Water.</i>	
Stoves, improvement in.	J. W. Godfrey and William Lane	July 14, --
Stoves, coal, improvement in.	Henry Abbott	Jan 24, 1799
Salt, a machine for manufacturing.	John Sears	Jan 24, --
Steelyards, improvement in.	Benjamin Dearborn	Feb 14, --
Stones.	See <i>Marble.</i>	
Steam, application of.	Samuel Morey, New Hampshire	March 25, --

Sawing boards, mill for. Aaron Clarke	March 30, 1799
Ships, machine to keep its distance at sea (reckoning.) Chester Gould	May 28, --
Screws, machine for cutting. David Wilkinson	Dec 14, --
Seeds. See <i>Cotton</i> .	
Stoves and grates, improvement on. Oliver Evans	Jan 16, 1800
Stop cock. Peter Walker	April 10, --
Silk, cotton, worsted, engine for reducing.	April 10, --
Sumach, manufacturing. Comfort Hoyt	April 7, --
Ships and vessels, improvement in the construction of. Jeremiah Brown	May 14, --
Sheathing vessels, improvement in. Henry Guest, New Brunswick, New Jersey	Jan 26, 1801
Stoves, improvement in construction of. W. Henderson, Middletown, Connecticut	Feb 12, --
Starch manufactured from potatoes. John Biddis, Phil.	March 22, --
Stove, screw and reel, grain drying machine. Dav. Ellicot, Ann Arundel county, Maryland	May 1, --
Spoons, mode of manufacturing. T. Bruff, Washington City	Sept 14, --
Sea and beam, moveable and suspended. S. Wallis, Boston	Sept 21, --
Syphonic steam machine. John Pool	Oct 13, --
Stills, construction of. Michael Krafft, Philadelphia	Oct 28, --
Ship's pump, improvement in. George Clymer, Philadelphia	Dec 22, --
Saw mill, improvement in turning the log. M. Coates, Washington county, Pennsylvania	April 1, 1802
Saw mill, improvement in. Hezekiah Richardson, jun. and Levi Richardson, Middletown, Massachusetts	April 28, --
Spirits, mode of improving. Burgess Allison	May 12, --
Scientific steelyards. Lewis Du Pre, South Carolina	May 12, --
Salt, machine for manufacturing. B. Ellicot, Lancaster, Penn.	May 12, --
Steam boat, improvement in. Edward West, Fayette county, Kentucky	July 6, --
Still, improvement in. William Paine	Aug 24, --
Steam engine, improvement in. Samuel Briggs, jun.	Oct 9, --
Splitting skins, improvement in. Asa W. Chickering	Nov 29, --
Stills, improvement in. John Staples	Dec 15, --
Salt, improvement in making. Valentine Peers	Dec 18, --
Stone and marble, machine for sawing. W. Palmer	Dec 31, --
Saw mill for cleaning cotton. G. F. Saltonstall, Fayetteville, North Carolina	Jan 4, 1803
Stills, improvement in. John Moffat	Feb 1, --
Spirits from starch, mode of extracting. John Naylor	March 7, --
Sea sitting chair. A. Du Buc Marentille	March 18, --
Sub-marine passage or hollow inverted arch. J. Staples, Flushing, Long Island	March 18, --
Sea salt, improvement in the process of manufacturing. George Hunter	March 24, --
Steam, improvement in producing. John Stevens, New York	April 11, --
Salt, expediting the manufacture of. Timothy Alden, jun.	May 25, --
Steam engine, improvement in. Samuel Morey, Rufus Graves and Giles Richards	June 15, --
Shearing woollen and other cloths, machine. L. Stanley	June 25, --
Skins, machine for pulling hair off. Nicholas Young	June 28, --
Shingles, machine for splitting and shaving. Daniel French, Middletown, Connecticut	July 25, --
Stills, improvement in the construction of. L. Geanty	Aug 4, --
Seals' fur, method of preparing for hats. G. Cleveland, Hartford, Connecticut	Sept 9, --
Shelling corn, machine for. Paul Pillsbury	Oct 25, --
Stills. See <i>Boiler</i> .	
Spinning wheels, improvement in. Amos Minor	Nov 16, --

Still heads and condensers, improvement in.	E. Richardson, N. P.	Dec 16, 1803
Stills and boilers, improvement in.	Leonard Betty	Jan 19, 1804
Stills, improvement in the construction and in the process of distilling spirits.	William Wigton, Hudson, New York	Jan 30, --
Screw mill, for breaking and grinding different hard substances.	Oliver Evans, Philadelphia	Feb 14, --
Steam engines, improvement in.	Oliver Evans, Philadelphia	Feb 14, --
Setting stills and other large kettles.	Israel Wood	Feb 21, --
Smut fanning-mill, improvement.	Thomas Pierce, Fishkill, N.Y.	Feb 21, --
Spinning wheel, improvement in.	William B. Dyer	Feb 27, --
Shot, improvement in the mode of making.	P. Daniel, Phil.	March 21, --
Still and boiler, improvement.	John Taylor	March 31, --
Sheet tin, improvement in mode of working.	Calvin Whiting and Eli Parsons	April 14, --
Springs for window sashes, improvement in.	J. Eaton, Bos.	April 14, --
Steam bath still.	See <i>Double</i> .	
Straw and hay.	See <i>Cutting</i> .	
Shelling and cleaning corn, machine for.	Levi Stevens, N. Y.	May 8, --
Salt, machine for making.	Ezra Weld	May 16, --
Suspenders, improvement in.	John Hooker	Nov 19, --
Shingles, machine for sawing.	Isaac Baker, Amherst, Mass.	May 8, 1805
Sod oil, for leather, method of making.	G. Poyzer, Phil.	May 10, --
Sluice to convey water to wheels, &c.	James Humiston, New Haven, Connecticut	May 10, --
Smut fanning mill.	Thomas Pierce, Fishkill, New York	May 24, --
Setting boilers.	See <i>Boilers</i> .	
Sulphate of potash, method of separating.	A. M'Nitt, Geneva, New York	June 15, --
Springs for wheel carriages.	William Wing and H. Salisbury, Hartford, Connecticut	Aug 29, --
Shingles, improvement in making.	A. A. Kelsey, Hartford, Connecticut	Oct 9, --
Splitting skins, machine for.	Wm. Lillie, West Chester, N. Y.	Nov 9, --
Salt, making.	John Gilman Taylor	Nov 13, --
Shearing woollen or other cloths by water.	Friend B. Kellog, Marlborough, Massachusetts	Nov 22, --
Spring pump for raising water.	William Finn, Baltimore	Feb 13, 1806
Suspenders.	Richard Howell	March 5, --
Stoves.	Samuel Dickey, Oxford, Pennsylvania	March 7, --
Splitting skins, machine for.	Stephen Pagne	March 31, --
Straw.	See <i>Cutting</i> .	
Saw mills.	Joseph Quinby, Boston	April 25, --
Steelyards.	John Edwards, New York	May 19, --
Scale beams and balances.	John Edwards, New York	May 19, --
Stove.	See <i>Cabouse</i> .	
Shearing cloth, machine for.	Beriah Smith, Washington, N. Y.	May 25, --
Salt, method of extracting from salt water.	Stan. Smith, Suffolk, Massachusetts	June 12, --
Salt, method of facilitating the process of extracting from salt water.	S. Smith, Suffolk, Massachusetts	June 13, --
Spinning of rope yarn, machine for.	N. Cutting, Washington City	July 14, --
Swing cradle.	Zachariah Mills, Hartford, Connecticut	July 17, --
Sublimation of sulphur.	George Barber Dexter, Boston	Oct 9, --
Screens for freeing grain from dirt, &c.	W. Tulloch, Orange Court House, Virginia	Oct 28, --
Suspenders.	Jonas Dawson, Philadelphia	Nov 6, --
Sleigh.	See <i>Transverse</i> .	
Swivel screw, water tight, for steam engines, &c.	Abel W. Hardenbrook, New York	Feb 10, 1807
Salt, mode of making.	Timothy Green, New York	April 1, --

Shingles and staves, machine for dressing. J. McIlvain, Chester, Pennsylvania	April 1, 1807
Stumps, method of raising from the ground. A. Craig, N. H.	April 15, --
Springs for carriages. See <i>Main</i> .	
Steelyard. Barnabas Langdon, St. Albans, New York	April 23, --
Shearing cloth, machine for. Russell Dorr, Kinderbrook, N. Y.	May 8, --
Shingling the roofs of houses, &c. Thomas Young, Phil.	May 11, --
Spring buckle, mechanical. John Green, New York	May 20, --
Stills, improvement in. S. Steward, Walpole, N. H.	June 21, --
Shearing cloth, machine for. Enoch Burt, Princeton, N. J.	June 23, --
Saw mills, improvement in. Jacob Spafford, Ipswich, Mass.	June 23, --
Straw, machine for cutting. J. Cleaveland, Franklin county, Pennsylvania	July 18, --
Straw, machine for cutting. Ben. Gonnor, Portsmouth, N. Y.	July 20, --
Stills, improvement in. Edward Richardson, Fredericktown	Oct 3, --
Straps for suspenders. See <i>Leather, &c.</i>	
Stove pipes, mode of making. R. Wheatley and J. Beaumont, Boston	Nov 4, --
Still, improvement in. William Thornton, Washington City	Dec 13, --
Sugar, mode of making and refining. Antoine Boucherie, Phil.	Jan 8, 1808
Splitting leather and skins, machine for. William Brent, Bost.	Feb 24, --
Screw press. See <i>Press</i> .	
Smoothing and polishing paper, machine for. Wm. Coolidge, Boston	April 18, --
Stripping allum dressed leather for shoe binding. S. Frothingham and George Harris, Middletown, Connecticut	April 20, --
Spinning wheel, improvement in. T. Cruttenden, Poultney, New York	April 23, --
Shearing machine for cloth. Eben. Stowell, Worcester, Mass.	April 26, --
Springs, thorough brace for carriages. J. Mix, New Haven, Connecticut	June 17, --
Stoves for heating rooms. Allan Pollock, Boston	June 17, --
Sawing stone, wood, &c. Do. do.	June 20, --
Shearing cloth, machine for. S. Stewart, Eben Hovey and James Henderson, Pittstown, New York	June 21, --
Springs for carriages, folding or spiral. J. Armour, jun. Balt.	June 27, --
Slitting boards, planks, &c. Ezekiel Olds, Brookfield, Mass.	June 29, --
Splitting skins. Isaac Cobb, Walpole, New Hampshire	July 12, --
Shaving and splitting. See <i>Leather</i> .	
Straw cutting machine. Elihu Hotchkiss, Battleboro', Vert.	Aug 2, --
Spinning wheels. Obadiah Sheely	Aug 6, --
Springs for carriages. Joshua Cone, Reading, Connecticut	Aug 26, --
Stove, rarefying air. Daniel Pettibone, Roxbury, Connecticut	Oct 28, --
Scrubbing and scouring machine for floors. Simon B. Willard, Bloomfield, Ontario county, New York	Nov 17, --
Stills and rotary steam engines. Sted. Adams, Hartford, Conn.	Nov 21, --
Still tubs. Isaac Bennet, Newton, Connecticut	Dec 12, --
Shingles, machine for dressing. R. and T. Nicholson, Birdstown, Kentucky	Dec 13, --
Suspending. See <i>Carriages</i> .	
Splitting hides, machine for. Seth Boyden, Foxboro', Mass.	Jan 7, 1809
Steam boats and boilers. William Thornton, Washington City	Jan 16, --
Sawing timber in circular form. J. Lindsey, Cassanovia, N. Y.	Feb 4, --
Steam boats. Robert Fulton, New York	Feb 11, --
Stoves. James Fales, Newport, Rhode Island	Feb 22, --
Scows and boats. Elihu Sherman, Lansingburg, New York	March 2, --
Salt, mode of making. Benjamin Wheeler, Boston	March 17, --
Saw, hand. Isaiah Jennings, New York	March 17, --
Silk stuffs, machine for finishing. Abner Stearns, West Cambridge, Massachusetts	March 22, --
Splitting leather and skins. John Woodcock, Worcester, Mass.	May 8, --

Straw cutting machine. Roger Haskell, Burlington, N. Y.	May 25, 1809
Sea table. William H. Richardson, Baltimore	June 9, --
Shutters for windows. Truman Bartholomew, New York	June 17, --
Straw cutting machine. Jacob Canfield, Morristown, N. J.	June 26, --
Shearing cloth. David Dewey, Poultney, New York	June 27, --
Spiral float wheel mill. Fitch Ives Lisle, New York	July 5, --
Spiral truss. See <i>Truss</i> .	
Shingles, machine for riving and shaving. Jacob Balcomb, Reading, New York	July 15, --
Shot, manufacturing. John W. Jope, Philadelphia	July 17, --
Screws, machine for cutting wood. A Stowell, Worcester, Massachusetts	July 18, --
Stump lifting machine. David Stone, Claremont, N. H.	July 27, --
Saw for wood. James Hamilton, Brookfield, Massachusetts	July 23, --
Screw augur, double podded centre. E. L'Hommedieu, Saybrook, Connecticut	July 31, --
Spirits and wines, mode of ameliorating. W. Thornton, Washington, District of Columbia	Sept 1, --
Steam engine, improvement in the. Daniel French, N. Y.	Oct 12, --
Shingles, machine for splitting. Joseph Coppinger, Baltimore	Oct 31, --
Spoons, machine for manufacturing. Isaiah Bisbee, Bath, Mass.	Nov 20, --
Stills, cast iron. Joseph Coppinger, Beaufort, North Carolina	Nov 21, --
Seine. See <i>Fishing</i> .	
Sawing machine. E. Odds and Phiney Upham, Worcester, Mass.	Dec 21, --
Steam engines and boilers. John Stevens, New York	Jan 3, 1810
Soal leather, machine for compressing. J. Elliot, Sharon, Conn.	Jan 18, --
Sawing timber. Elisha Cook, Bethlehem, Massachusetts	Jan 20, --
Sheaves, method of making. Enoch C. Topham, Essex, Mass.	Feb 12, --
Stove pipes. John Parkhurst, jun. Cheshire, New Hampshire	Feb 13, --
Sawing timber. John Sweet, Bethlehem, Massachusetts	Feb 15, --
Signals for vessels. Nath. Shaler, New York	Feb 21, --
Saw mill. Abel Wright, Canaan, New York	March 7, --
Spring bolt and key for windows. R Smith, Norwich, Conn.	March 8, --
Sawing timber. A. Jones, jun. Bethlehem, Massachusetts	March 14, --
Spinning wheel. Winsor Drury, Brookfield, Massachusetts	March 19, --
Saw, driving whip. Joseph Coppinger, Frederick, Georgia	March 19, --
Salt, manufacturing. Benjamin Wheeler, Boston	March 28, --
Screw. See <i>Grist mill</i> .	
Spinning flax. Alpheus Webster, Green county New York	March 31, --
Still, perpetual. Robert Gillespie, Seneca county, N. Y.	April 2, --
Stone turner, marble. David Clark, West Stockbridge, Mass.	April 9, --
Saw mill. Joseph Ennals, New Market, Maryland	April 10, --
Spinning wheels, the heads of. Amos Miner, Marcellus, N.Y.	April 11, --
Sawing wood, machine for. Roger Smith, Norwich, Conn.	April 24, --
Spring tree saddle. David C. Mosely, Boston	April 25, --
Screws, casting metal. John Nicholson, Herkimer, N. Y.	April 28, --
Sash stuff, machine for trying. E. Basford, Livermore, Mass.	April 28, --
Sawing boards, machine for. O. Judd, jun. London, Mass.	May 1, --
Saw mill to be worked by hand. George Harris, Philadel.	May 3, --
Shelling corn. John Heavin, Frederick county, Maryland	May 8, --
Shearing cloth. Eleazar Sprague, Danbury, Connecticut	May 9, --
Shearing cloth. Herman Mathews, Delaware	May 15, --
Suspenders. James Davis, Philadelphia	May 18, --
Shearing cloth. Beriah Swift, New York	May 28, --
Saddle trees, machine for making. Ruben and E. Fairchild, Fairfield, Connecticut	June 1, --
Ship building. See <i>Boat, &c</i> .	
Splitting mill. Phineas Dow, Boston	July 12, --
Shaving shingles, machine for. Abiel A. Cooley, Bolton, Conn.	July 13, --
Smoothing linen, machine for. W. P. Smith and Jacob Odell, Durham, New Hampshire	July 17, --

Shaving shingles. Daniel Newel, Saratoga, New York	July 26, 1810
Steam, mode of producing. J. H. Williams, Brunswick, N. J.	July 26, --
Steam, propelling boats by. Ralph Letton, Albany, N. Y.	Aug 29, --
Shovels, machine for swaing. Upton Reed, Harford, Md.	Aug 31, --
Smoke conductor. John C. Teall, New York	Sept 11, --
Starch, mode of making. E. Perkins, Shrewsbury, N. J.	Sept 16, --
Steering vessels. John Philips and James Smallman, Phil.	Sept 18, --
Smoked beef, machine for cutting. Seth R. Kneeland	Oct 9, --
Sawing machine. David Parmelie, Fairfield, Connecticut	Oct 25, --
Skins, machine for splitting and shaving. P. White, Worcester, Massachusetts	Nov 1, --
Stoves. Augustus Graham, Fredericktown, Maryland	Nov 6, --
Steam still and water boiler. Phares Bernard, Whitestown, N.Y.	Nov 17, --
Steam for cooking. Hosea E. Potter, Otsego, New York	Nov 20, --
Springs, wooden, for carriages. W. Robinson, Wilmington, Delaware	Nov 27, --
Still, perpetual. John James Giraud, Baltimore	Dec 22, --
Sawing machine, improvement in. Ezekiel Old and Pliny Upham, Brookfield, New York	Dec 26, --
Steam still and boiler. P. M. Hackley, Herkimer county, N.Y.	Jan 11, 1811
Steam pump. Phares Bernard and T. Soper, Whitestown, N.Y.	Jan 16, --
Steam boat, chain float. Michael Morrison, Boston	Jan 17, --
Sleigh. Augustus Day, Bordentown, New Jersey	Jan 19, --
Salts. See <i>Evaporation</i> .	
Spirits. See <i>Corn stalks</i> .	
Steam boats. Robert Fulton, New York	Feb 9, --
Steam still. Samuel Bacon, Lanesburgh, Massachusetts	Feb 9, --
Saw mill, descending. S. Belknap and S. Merrill, Georgetown, District of Columbia	Feb 15, --
Steam engine. J. Stubs and N. Parsons, Chillicothe, Ohio	Feb 25, --
Saw mill. Miles H. Abbot, Bucks county, Pennsylvania	Feb 26, --
Starch, &c. from vegetable matter. E. Perkins, Shrewsbury, New Jersey	Feb 26, --
Shearing cloth. Ezra Willmarth, Rumney, Massachusetts	Feb 28, --
Screws, machine for cutting wooden. R. Hancock, sen. and Edward W. Carr, Philadelphia	March 1, --
Stove. William Watson, Weymouth, New Jersey	March 2, --
Shearing, cloth. Benjamin Cummings, Palmer, Mass.	March 2, --
State, application of. W. Sheldon, jun. Springfield, Mass.	March 2, --
Shearing, cloth. George C. Kellog, New Hartford, Conn.	March 4, --
Sausage meat, machine for cutting. G. Neff, Dauphin county, Pennsylvania	March 19, --
Stave and shingle machine. W. Bailey, Nelson county, Ken.	April 10, --
Saw mills. Oliver Evans, Philadelphia	April 15, --
Stove, kitchen. J. Sibley, New York	April 25, --
Straw plait, machine for pressing. D. Atherton, Providence, Rhode Island	April 26, --
Shearing cloth. Jesse Molleneuse, Hempstead, New York	April 30, --
Shearing machine. Eleazar Hovey, Canaan, New York	May 1, --
Steam still. John James Giraud, Baltimore	May 15, --
Steam engine for propelling. John Stevens, New York	May 21, --
Saw mill. Marshall Lewis, Shenango, New York	May 24, --
Suspenders. Henry Burk, Bucks county, Pennsylvania	May 25, --
Suspenders, spring double. Benjamin Wolcot, Danbury, Ohio	May 29, --
Shaving shingles, machine for. Daniel Parker and John Sandford, Sharon, Connecticut	May 30, --
Shears for shearing woollen. William Stillman, Westerly, R. I.	June 11, --
Steam kitchen for baking, &c. Samuel Smith, Herkimer, N.Y.	June 11, --
Staves, &c. machine for shaving and jointing. Barnabas Langdon and William Mowry, Washington county, N. Y.	June 20, --
Steam stove. Josiah Noyes, Herkimer county, New York	June 21, --

Spinning and winding rope yarn. C. Brig and P. Schermerhorn	July 2, 1811
Steam engine. See <i>Pendulum</i> .	
Socket and sand shovels, machine for. Jonathan Righter, Downingtown, Pennsylvania	July 23, --
Still and condenser. Richard Seely, Newark, New Jersey	July 25, --
Steam carriages. Charles Reynolds, East Windsor, Conn.	Aug 21, --
Stills and boilers. Jacob Decker, Green, Chenango county, New York	Sept 2, --
Spinner. See <i>Pleasant</i>	
Stills. Henry Witmer, Lancaster, Pennsylvania	Sept 19, --
Steam boats. James Rogers, Albany, New York	Sept 29, --
Stoves. Thomas Power, New York	Sept 17, --
Salt, making fine from coarse. C. W. Sellers, Alexandria, D.C.	Oct 11, --
Sulphuric acid. Benjamin Bell, Boston	Nov 7, --
Steam engine. Daniel Dodd, New York	Nov 29, --
Steam kitchen. John Bouis, Baltimore	Jan 6, 1812
Steel, converting pig iron into. Enoch Leonard, Canton, Mass.	Jan 6, --
Seine. See <i>Net</i> .	
Save all for saw mills. J. Hart and Lester Fling, Cheshire, New Hampshire	Jan 18, --
Steam engines. J. Curtis and Royal Yeamans, Washington	Feb 8, --
Stove, cooking. Jonathan Low, Fitchburgh, Massachusetts	Feb 24, --
Stove. N. Lloyd, Philadelphia	Feb 29, --
Steam boat to be sculled. Joseph Hunt, East Chester, N. Y.	March 11, --
Spinning machine. Noel Jones, Madison county, New York	March 14, --
Shingles, machine for dressing. J. Heavin, Montgomery, Va.	March 16, --
Spinning machine. Stephen Clements, Hartford, Vermont	March 16, --
Steam engine, propelled by poles. M. Battle, Herkimer, N. Y.	March 27, --
Still, wooden, &c. R. W. Adams, Marlboro', Vermont	March 27, --
Salt, manufacturing. Ambrose Dudley, King William's county, Vermont	March 31, --
Steam boat, setting. John Evelett, Boston	April 25, --
Still head, quilted clothing for. C. Jenk, East Windsor, Conn.	April 25, --
Still head. C. Jenks, East Windsor, Connecticut	April 25, --
Shearing machine. Stephen Tredwell, Reading, Connecticut	April 27, --
Scale board, machine for cutting. J. Carrington, Litchfield, Connecticut	April 27, --
Spinning machine. Burgiss Allison, Philadelphia	April 27, --
Spinning wheel. James Shaw, Herkimer county, N. Y.	April 27, --
Sawing machine. Russel Canfield, Philadelphia	May 1, --
Saw mill, cross cut. Samuel Kennedy Gore, Bradford county, Pennsylvania	May 4, --
Spinner. See <i>Linen</i> .	
Steam engine. Daniel Dodd, Elizabethtown, New Jersey	May 12, --
Screws, machine for cutting. E. Hazard and J. White, Phil.	May 15, --
Smut, machine for casting. D. Tomlinson, Brookfield, Conn.	May 20, --
Stove, fire proof stone. Abraham H. Quincy, Boston	May 21, --
Saw mills. Webb Hart, Cheshire, Connecticut	May 26, --
Shearing cloth, machine for. Walter Kennedy, Frankfort, Ky	June 12, --
Stove for heating water, &c. T. Woolson, Amherst, N. H.	July 3, --
Shearing and laying the knap of cloth, Lemuel Dickerman, Schaghticoke, New York	July 18, --
Steam engine, horizontal. Jacob W. Sexton, Burlington, N. J.	July 18, --
Spirits, purifying of. Abiel Pease and Samuel Bestor, Enfield, Connecticut	July 27, --
Steam engine. Alexander Anderson, Philadelphia	Aug 21, --
Steam washer. James Trumañ, Philadelphia	Aug 21, --
Steam machine to keep a wheel in motion. M. B. Parmelee, Newtown, Connecticut	Aug 25, --
Shearing cloth. Gersham Bestwick, Brookfield, Connecticut	Sept 28, --

Saw mill worked by animal power. B. Owen, Prince George's county, Virginia	Oct 1,	1812
Shearing cloth. George Booth, Poughkeepsie, New York	Oct 13,	--
Steam boats and steam engines. Dan Large and F. Grice, Phil.	Nov 12,	--
Setting saws. John Somner, Franklin, Pennsylvania	Nov 16,	--
Sulphur sublimating. Geo. Robertson, Elizabethtown, N. J.	Nov 16,	--
Spinning cotton. Nehemiah Giles, Fitchburgh, Massachusetts	Nov 19,	--
Sugar candy ware. Laurence Astolfi, Philadelphia	Nov 20,	--
Stills. Hiram Whitcomb, Cornwall, Connecticut	Nov 24,	--
Stoves, open. J. Howe and W. Lankester, Boston	Nov 25,	--
Snuff cutter or grater. John B. Partarieu, New York	Nov 30,	--
Ship building. Frederick Tudor, Boston	Dec 17,	--
Shingles. John Loomis, Geneva, New York	Dec 24,	--
Screws, machine for heading. Abel Stowell, Worcester, Mass.	Feb 4,	1813
Stove and boiler. Gabriel N. Philips, Goshen, New York	Feb 6,	--
Stove. See <i>Kitchen</i> .		
Stoves. Alfred James, Hartford, Connecticut	March 1,	--
Saw mills. Hiram Whitcomb, Cornwall, Connecticut	March 2,	--
Sifting meal. Daniel Hedman, Brookhaven, New York	March 8,	--
Screw shanks. Jacob Perkins, Newburyport, Massachusetts	March 23,	--
Stoves for boiling. Henry Abbett, Philadelphia	March 30,	--
Stoves. George Worrall, Philadelphia	March 30,	--
Steam engines. James D. Russell, Washington, N. C.	April 10,	--
Spinning and roving machine. S. Comstock and Moses Pike, Harrisburg, Pennsylvania	April 15,	--
Screws, machine for cutting. Jacob Scott, Ramapo Cove, N.Y.	May 4,	--
Shearing machine, horizontal. T. Blanchard, Sutton, Mass.	May 4,	--
Shell grenade and rocket. James Lloyd, Adams county, Penn.	May 11,	--
Shot and bullets, machine for. Peregrine Williamson, Balt.	May 12,	--
Salt, machine for boiling, &c. John J. Cabell, Lynchburg, Va.	May 28,	--
Steam engine. S. Briggs and Andrew Steel, Baton Rouge, Lou.	May 29,	--
Shingles, machine for making. Otis Paine, Foxboro', Mass.	June 18,	--
Spinning cotton. Luther Bissel, Justus Hinman, Luke C. Hinman and Benoni Gains, Hartwick, New York	June 19,	--
Still. John James Giraud, Baltimore	June 26,	--
Spoons. Jacob Perkins, Newburyport, Massachusetts	June 29,	--
Saw mills. Luther Bissel, Hartwick, New York	July 3,	--
Spinning machine, improvement in. N. Foster, Fleming, Ken.	July 8,	--
Stills. Charles F. Foster, York, Pennsylvania	July 12,	--
Screws, machine for finishing heads of. Abel Stowell, Worcester, Massachusetts	July 15,	--
Shot, tubulated cylinder. James M. Ludlum, New York	Aug 3,	1813
Still, wooden. John James Giraud, Baltimore	Aug 3,	--
Spinning wheels. Daniel Hurlbut, Aurelius, New York	Aug 4,	--
Ships, boats, &c. constructing. B. Connor, Portsmouth, N. H.	Aug 26,	--
Stills, setting. A. Gibbs, Lancaster, Pennsylvania	Aug 30,	--
Shingles, sawing. Willard Earl, Hubbardstown, Mass.	Sept 3,	--
Steam engine. S. H. Long and G. F. Hauto, Germantown, Pa.	Sept 3,	--
Skins, splitting. William Bent, Boston	Sept 9,	--
Shearing cloth, machine for. Silas Hills, Hudson, New York	Oct 22,	--
Stocking loom. Eben Herrick, Stockbridge	Oct 22,	--
Stone, machine for sawing, &c. S. B. Willard, Bloomfield, N.Y.	Nov 6,	--
Stove, spiral. Robert Roy, Warwick, New York	Nov 13,	--
Steel, made from card teeth, &c. E. Jenks, Colebrook, Conn.	Nov 13,	--
Still, &c. condensing tub. J. Wheatley, Faquier county, Va.	Nov 13,	--
Screws, machine for cutting. John Humes, Richmond, Va.	Dec 30,	--
Sleigh shoes, steel plated. Salmon Hunt, Canaan, Connecticut	Dec 30,	--

Screws, machine for making.	Abner Burnham and Thomas S. Barnum, Sharon, Connecticut	Dec 31, --
Steam engines.	Francis B. Ogden, Essex county, New Jersey	Dec 31, --
Slates, machine for polishing.	John Coleman, Baltimore	Dec 31, --
Steelyards and scales.	Zina Phinney, Greene county, N. Y.	Jan 6, 1814
Shearing machine.	E. Durrin, Wethersfield, Vermont	Jan 21, --
Salt manufacturing.	William J. Lewis	Feb 1, --
Steam boats.	Daniel Dodd, Mendham, New Jersey	Feb 2, --
Stove, eleven plate.	Charles Postley, New York	March 7, --
Screws, cutting, &c.	D. Stearns, Brattleboro', Windham, Vt.	March 7, --
Sawyer, expeditious.	John H. Morrison, Boscowen, N. H.	March 18, --
Spinning, family billy and jenny.	E. Smith, Paris, N. Y.	March 23, --
Steam still, perpetual.	J. J. Giraud, Baltimore	March 24, --
Spinning wheel.	H. Wright and O. Roberts, Bristol, Conn.	March 26, --
Shearing cloth.	I. Sanford, Providence, Rhode Island	March 26, --
Steam tow boat, &c.	John L. Sullivan, Boston	April 2, --
Salt, manufacturing.	Thomas Hord, Caroline county, Va.	April 8, --
Stills.	Ezra Talmage, Richmond, Virginia	April 9, --
Steam engines, &c.	John Dowers, jun. Philadelphia	April 23, --
Smoke driver.	See <i>House Warmer</i> .	
Shoes, machine for cutting.	Benjamin Miller, Philadelphia	May 9, --
Still and condenser.	Ben. Hall, New Haven, Connecticut	May 13, --
Stove, baking, boiling, &c.	E. B. Coleman, New Haven, Conn.	May 13, --
Stove, family.	Joseph Tuly, Frederick county, Virginia	May 17, --
Salt, apparatus for making.	W. and J. D. Hawkins, Raleigh, North Carolina	May 26, --
Scythes, manufacturing.	Luther Dudley, Sutton, Mass.	May 27, --
Screws, &c. manufacturing.	Aaron Broad, Litchfield, Conn.	June 6, --
Salt, making.	John J. Cabell, Lynchburg, Virginia	June 10, --
Stair for bridge and ferry.	David Dunham, New York	June 23, --
Saddle trees.	Chauncey Stiles, jun. Philadelphia	June 28, --
Spinning machine, portable.	Burgiss Allison, Burlington, N. J.	June 28, --
Steam engines.	Charles Reynolds, East Windsor, Conn.	July 23, --
Sulphurate acid, cement for ceilings.	And. Scott, Newburn, North Carolina	Aug 15, --
Spoons, making.	James Ridgeway, Groton, Massachusetts	Sept 22, --
Salt, manufacturing.	Peter Sarchet, sen. Cincinnati, Ohio	Sept 27, --
Suspenders.	Martin Nelson, Philadelphia	Oct 17, --
Shingles, sawing.	Salmon Fuller, Indiana	Nov 14, --
Steam boats.	Nicholas J. Roosevelt, New Jersey	Dec 1, --
Scythe, farmer's carriage.	Theophilus Eaton	Dec 2, --
Scythe, circular.	John and Adam Rhodes, Union township, N.Y.	Dec 6, --
Shearing machine.	David Dewey, Poultney, Vermont	Dec 7, --
Steam, or stove still.	John Stone, jun. Worthington, Mass.	Dec 8, --
Steam boats, improvement in.	Wm. Thornton, Washington City, District of Columbia	Dec 23, 1814
Saw mills.	Elisha Morgan, Clinton county, New York	Jan 24, 1815
Stills.	Robert Gillespie, Seneca, New York	Jan 31, --
Sleigh shoes, cast iron.	Sylvanus Tousley, Manlius, New York	Feb 7, --
Screw cutters, circular.	Joshua Witherle, Boston	Feb 9, --
Still boiler and worm.	Thomas Weston, Peacham, Vermont	Feb 13, --
Shelling corn and threshing wheat.	Zina Phinney, Cairo, N. Y.	Feb 16, --
Saw-mills.	Henry Quin, Huntington, N. J.	Feb 21, --
Spinner, family.	John Brown, Providence, R. I.	Feb 24, --
Stop-cock.	John Morris, New Haven, Conn.	March 1, --
Screws, machine for cutting and heading.	John Mason	March 30, --
Shears for shearing cloth.	Wm. Stillman, Westerley, R. I.	April 15, --
Stoves.	Wm. T. James, Union Village, Washington, N. Y.	April 26, --
Stoves.	Charles Postley, New York	April 26, --

Steam engine.	Borden Wilbor, Whitestown, New York	April 28,	--
Stages, improvement in the body of.	J. Smith, Lancaster, Pa.	April 29,	--
Stoves.	Aaron Lane	May 11,	--
Spindle for spinning.	Asa Jillson, Dorchester, Massachusetts	May 27,	--
Spruce beer, brewing.	William Bezeau, Philadelphia	June 13,	--
Steam engine.	Samuel Morey, Boston	July 14,	--
Scale beams, &c.	Allen Pollock, Boston	July 31,	--
Ship building.	D. M. Randolph, Richmond, Virginia	Aug 2,	--
Steam engine.	Junia Curtis, Baltimore	Aug 3,	--
Shoemaker's bench	Joel Soper, Windsor, Connecticut	Aug 12,	--
Spinning machine.	Sylvanus Baldwin, Boston	Aug 18,	--
Steam engine.	Mathew Cluff, Norfolk, Virginia	Sept 1,	--
Steam stove.	Erastus Warner	Sept 12,	--
Spinning wool.	W. Ayres and J. Cochran, Durham, Vermont	Oct 6,	--
Screw wheel for propelling.	James Widdefield, Philadelphia	Oct 11,	--
Saws, setting the teeth of.	John Russell, Brooke, Virginia	Oct 14,	--
Saddles.	John Bryan, Lexington, Kentucky	Oct 24,	--
Saw mill, elevating.	Samuel Brewster, Middlesex, New Jersey	Oct 30,	--
Stove, economical.	John Graham, New York	Nov 9,	--
Steelyards.	Samuel Hills, Lincoln, Massachusetts	Dec 27,	--
Saw mill, wind.	Jesse Springer, Cape May, New Jersey	Dec 27,	--
Stove.	Comfort Barney, Warren, Rhode Island	Dec 27,	--
Saw mills.	Thomas Cohoon, Washington City	Jan 5,	1816
Stills.	Joseph White, Baltimore	Jan 15,	--
Steam engines.	William Shultz, New York	Jan 26,	--
Syphilis, cure of.	Joseph Moser, Philadelphia	Jan 26,	--
Salt, manufacturing of.	Wm. J. Lewis	Feb 1,	--
Sock, Columbian.	Joseph Mason, Cunningham, Massachusetts	Feb 8,	--
Spool frame.	Elihu Robinson, Augusta, Massachusetts	March 6,	--
Shoemaker, the.	Gideon Drake, Windsor, Connecticut	March 14,	--
Steam engines.	John Stephens, Hoboken, New Jersey	March 14,	--
Sliders for steam engines.	Ditto ditto	March 16,	--
Shelling corn, machine for.	Jacob Fuller, Rockland, Va.	March 19,	--
Salt boiling.	Alexander Black, Barnstable, Massachusetts	April 4,	--
Spinning wheel.	E. B. Sanford, Newton, Connecticut	April 11,	--
Steam, propelling boats by.	Wm. Tatham, Washington City	April 18,	--
Shearing cloth.	H. Osborn and Wm. L. Frazer	April 25,	--
Sugar, purifying and refining	B. Edme Verjon, Washington City	April 26,	--
Stoves, cooking.	Christ. Hoxie, Hudson, New York	May 3,	--
Steam engine.	Enoch Burt, Elizabethtown, New Jersey	May 12,	--
Steam, extracting spirits of turpentine by.	H. Kelley, Brooklyn, New York	May 17,	--
Spinning wool and cotton.	Peter Paddleford, Lyman, N. H.	May 18,	--
Sawing shingles.	Oliver Merritt, Berkhamsted, Conn.	May 22,	--
Spring saddle.	Charles Klasson, Baltimore	May 22,	--
Shearing cloth, machine for.	John D. Smith, Fredericktown, Maryland	May 24,	1816
Stove.	Eliakim Cory, Milton, North Carolina	May 30,	--
Steam, generating.	Joseph Hawkins, New York	June 14,	--
Stills.	Montgomery Stevens, New York	June 17,	--
Steam engine.	Enoch Burt, Elizabethtown, New Jersey	June 25,	--
Spooling, winding and bobbin machine.	C. Flagg and O. Wright, Hudson, New York	June 29,	--
Saw, radical.	Samuel Fairlamb, Marietta, Ohio	July 5,	--
Suspenders, buckle for.	Orange Webb, New York	July 5,	--
Sheaves, machine for moulding bushes for.	T. R. Walworth, Paterson, New Jersey	July 15,	--

Spinning machine	Zaccheus Wheeler, Richmond, N. H.	July 18, --
Saw gates.	Samuel Herrick, Clermont county, Ohio	July 21, --
Screw, cutting wood and metal.	J. Andrews, Dinwiddie county, Virginia	Aug 11, --
Steam engine.	John Hulton, Somerset, Maine	Aug 22, --
Stocking loom.	Aaron Porter, Queensbury, New York	Aug 22, --
Spinning cotton and wool, machine for.	J. Sprinkle, Wythe, Vt.	Aug 23, --
Stoves.	Thomas and Isaac Power, Hudson, New York	Aug 31, --
Stoves.	Henry F. Leibenau, New York	Sept 7, --
Suspenders.	Joseph Barnett, Philadelphia	Sept 14, --
Spinning and quilling machine.	Jacob Richardson, Scipio, N.Y.	Oct 16, --
Steam engine.	Samuel Fairlamb, Marietta, Ohio	Oct 24, --
Spinning and reeling machine.	Caleb Shelledeay and George M. Caslon, Shelbyville, Kentucky	Oct 24, --
Salt works, plan of erecting.	D. Thatcher, Tuckerton, N. J.	Oct 24, --
Steam engine.	James Rumsey, Kentucky	Nov 15, --
Steam, the machinery for.	James Rumsey, Kentucky	Nov 15, --
Steam engines.	Edward Rumsey, Kentucky	Nov 15, --
Stoves, rarefied chimney.	G. Rogers, Northampton, Mass.	Nov 18, --
Scale beams.	John Edwards, New York	Nov 19, --
Stoves.	Anthony B. Martin, Hagerstown, Maryland	Nov 26, --
Steam engines, rotary.	Isaiah Jennings, New York	Jan 17, 1817
Salt water, obtaining.	D. and J. Ruffner, Kanawha, Virginia	Jan 18, --
Straw cutting machine.	E. Hotchkiss, Brattleboro', Vermont	Jan 18, --
Scythe factory.	Benjamin and John Tyler, Claremont, N. H.	Feb 1, --
Stoves, cooking.	A. Swain, Hudson, New York	Feb 1, --
Steam engine for raising water.	William Bailey, Nelson county, Kentucky	Feb 4, --
Steam engine, rotary.	Nathan Read, Boston	Feb 21, --
Steam applied to propel carriages.	B. Langdon, Whitehall, N.Y.	Feb 22, --
Spinning wheel.	James Wright, Campbell county, Virginia	Feb 28, --
Straw cutting machine.	Samuel Whitlock, Vermont	March 3, --
Steam engine.	John L. Sullivan, Boston	March 24, --
Spinning wheels.	Nathan Lewis, Canandaigua, N. Y.	March 29, --
Stove.	Joseph P. Simpson, New York	April 5, --
Saw mill.	David and Minor Fountain, Eastern Shore, Md.	April 5, --
Stoves.	Ephraim Treadwell, Boston	April 26, --
Spinning wheel.	Timothy Cruttenden, Covington, New York	May 12, --
Sash work, machine for striking all kinds of.	J. Bliss, Somers, Connecticut	June 17, --
Slitting and sawing machine.	J. Jacquith, Sherburn, Mass.	June 26, --
Saw band or belt.	Adam Stewart, Baltimore	July 5, --
Sawing veneering, machine for.	Do. do.	July 5, --
Screw machine.	Phineas Dow and Daniel Treadwell, Boston	Aug 8, --
Straw cutting machine.	W. Ayres and H. Gay, Windsor, Vt.	Aug 13, --
Steam engine.	John Heavin, Maryland	Aug 27, --
Sugar mill.	Jean Baptiste Avelhe, New York	Aug 28, --
Steam as propelling power to mills.	S. Briggs, New Orleans	May 28, --
Steam engine.	Israel J. Richardson, Geneva, New York	Oct 13, --
Salt, manufacture of.	Everard Hall, Princess Ann, Virginia	Nov 14, 1817
Steam boilers.	Royal Yeamans, Baltimore	Nov 20, --
Stoves, retaining the heat of.	William Phoebus, New York	Nov 28, --
Straw cutting machine.	Arnold Brayton and Henry C. Green, Cheshire, Massachusetts	Dec 5, --
Stove, or fire-place and oven.	John Rice, Hartland, Vermont	Dec 6, --
Stains, method of taking out.	Aaron Hall, Boston	Dec 31, --
Saw mill, improvement on the.	Daniel Collins, Genesee county, New York	Jan 6, 1818
Straw cutting machine.	Alpheus Bigelow, Weston, Mass.	Feb 13, --

Sand, machine for collecting.	Rufus Elliot, Georgetown, D. C.	Feb 14,	--
Steam engine, wheel regulator for the.	John L. Sullivan, Bos.	Feb 28,	--
Steam engine, supply chamber for the.	John L. Sullivan, Bos.	Feb 28,	--
Steam engine, boiler for the.	John L. Sullivan, Boston	Feb 28,	--
Smoke, machine for consuming.	John Eoff, Baltimore	March 5,	--
Stove and fire places.	John H. Lotz, Salisbury, Connecticut	March 18,	--
Stoves.	Burgess Allison; Burlington, New Jersey	April 10,	--
Steam engine, rotary.	Beardsly Hendryx and Halstead Price, Springfield, Otsego county, New York	April 13,	--
Stoves.	Robert and John Mount, New York	April 11,	--
Straw cutting machine.	S. A. Sherwood, Poughkeepsie, N. Y.	April 11,	--
Stove and cooking.	John Adams, Hudson, New York	April 16,	--
Spinning wheel.	Z. T. Bradley, Great Barrington, Mass.	April 21,	--
Steam engines.	Joseph Eve, Augusta, Georgia	May 28,	--
Sweeping chimneys.	Francis A. Everard, New York	May 28,	--
Springs for saddles.	Nathan Mixer, Keen, New Hampshire	May 28,	--
Shoemaker's bench.	John Greenhold, Westminster, Frederick county, Maryland	June 9,	--
Submarine ploughing.	J. Hendrick, Middlesex county, Mass.	June 10,	--
Spinning and roping machine.	John Brown, Providence, R. I.	June 12,	--
Sugar cane, machine for grinding.	John Gottlieb Brethler, New Orleans	June 13,	--
Stone, machine for sawing.	John Sullivan Dwight, Boston	June 27,	--
Salt, manufacturing by freezing.	G. Munger, New Haven, Conn.	June 23,	--
Spring saddles.	Samuel M. Leaming, Lexington, Kentucky	July 6,	--
Steam engine.	William Church, Baltimore	July 11,	--
Stove for cooking.	James Lamb, Hartford, Connecticut	July 17,	--
Stoves, improvement in his patent.	Aaron Lane, New York	Sept 15,	--
Sweeping chimney, machine for.	Aaron Lane, New York	Sept 22,	--
Stove pipes, improvement in making.	John Cudlip and George Price, Baltimore	Nov 18,	--
Sample box.	George P. Oakly, Poughkeepsie, New York	Nov 25,	--
Steam engine, improvement on Morey's.	J. L. Sullivan, Boston	Dec 10,	--
Sweeping chimneys.	William Hall, New York	Dec 19,	--
Sinking wells, &c.	Tobias Ruffner, Kanawha, Virginia	Dec 22,	--
Spinning wheel.	Henry Wilson, Ontario county, New York	Dec 29,	--
Spindle and bobbin for cotton.	W. B. Leonard, Fishkill, N. Y.	Jan 9,	1819
Shooting by steam.	Samuel Morey, Orford, New Hampshire	Jan 19,	--
Stoves, by leading the flame through wire gauze	Samuel Morey, Oxford, New Hampshire	Jan 20,	--
Stirrups for saddle.	Daniel Adams, Keene, Cheshire county, New Hampshire	Feb 13,	--
Shovels for barns, &c.	John Brower, Berks county, Penn.	Feb 19,	--
Steeiyard.	Jacob Bartholomew, Middlebury, Vermont	Feb 27,	--
Straw cutting machine.	Giles Dayton, jun. Springfield, Mass.	March 18,	--
Seat saddles, elastic.	W. Harper, Nashville, Tennessee	April 2,	--
Spinning wheel head.	J. Mudge and Milo Hatch, Cherburne, New York	April 10,	--
Spring for carriages.	George Norton Reynolds, Charleston	April 30,	--
Spinning frame.	Paul Moody, Boston	May 6,	--
Sugar and molasses from wheat.	J. Wisheart, Wayne county, Indiana	May 25,	1819
Steam engine, rotary.	Antoine Batley, New York	May 26,	--
Steam engine, rotary.	Robert Thomas, Richmond county, N.C.	May 29,	--
Snuff, manufacturing.	Thomas Baldwin, New Castle, Del.	June 22,	--
Saddles, improvement in.	Peter Dixon, Philadelphia	July 16,	--
Spiral wheels for mills.	Z. Hiatt, Wayne county, Indiana	Aug 20,	--
Sausage meat, machine for cutting.	George B. Craft, Redstone, Fayette county, Pennsylvania	Oct 9,	--

Ship's buttons, composition for. W. Russell, jun. New Bedford, Massachusetts	Nov 8, --
Shoeing sledges, &c. William Barton, New York	Dec 13, --
Screw, Archimedean. James Cooper, Augusta, Virginia	Dec 14, --
Square, carpenter's. Silas Hawes, Bennington, Vermont	Dec 15, --
Straw cutting machine. Lemuel Green, Green county, Geor.	Dec 21, --
Steam engine, improvement in. Charles Lee, Ross county, Ohio	Jan 22, 1820
Spruce beer, improvement in. John William, Cambridge, Mass	Feb 17, --
Saddles, elastic seat. Peter H. Martin, Nashville, Tennessee	Feb 23, --
Stove, cooking. Israel Keyes, Putney, Vermont	Feb 23, --
Ship building. Abel Brewster, Hartford, Connecticut	March 6, --
Sugar, improvement in making. Henry Fry, Harrisburg, N.Y.	April 6, --
Stoves, stills, and boilers, improvement in. John James Giraud, Baltimore	April 19, --
Stove for cooking. Nathan Winslow, Portland, Maine	May 3, --
Straw bonnets, pressing. Eleazar Smith, Walpole, Mass.	July 15, --
Spinning wheel, linen. Benjamin Simmons, Paris, New York	July 20, --
Smut machine. James Gillespie, Middletown, Connecticut	Aug 23, --
Stove, open circular. Richard Berrian and Francis Class, N.Y.	Aug 30, --
Shovel plough. John Balthorpe. Loudoun county, Virginia	Sept 20, --
Sewer, mouth and stench trap. A. Ramsey, Philadelphia	Oct 3, --
Smut machine. Daniel Pease, jun. Wingfield, New York	Oct 31, --
Swinging frame for shoeing horses. Joseph Kirk, Weston, Vt.	Nov 8, --
Saddles, improvement in. Elihu Walker, Aurora, New York	Nov 16, --
Sleighs, machinery for. Jacob Fisher, Kennebeck, Maine	Dec 30, --
Steam, improvement in the application of. Aaron Niles Sabin, Frankfort, Kentucky	Dec 30, --
Spinning cotton and wool, machine for. John Brown, Providence, Rhode Island	Jan 23, 1821
Steam engine, improvement in the vibratory. P. Davis, York, Pennsylvania	Feb 17, --
Shoes and boots, cutting by rule. Simeon Hart, Monkton, Vt.	March 3, --
Steam engines, improvement in the. Minus Ward, Columbia, South Carolina	March 23, --
Sifting lime, &c. machine for. E. Blanc and B. H. B. Latrobe, New Orleans	April 14, --
Saddles, improvement in. Peter Dixon, Philadelphia	April 25, --
Smutting or hulling machine. Stephen Cooke, Marcellus, N. Y.	Aug 7, --
Steam wheel, improvement in the. Amos Thayer, jun. Albany, New York	Aug 8, --
Sweeping chimneys. John W. Moore, Washington, D. C.	Aug 8, --
Smut machine, improvement in the. F. Woodward, Butter-nuts, New York	Aug 10, --
Sail cloth, improvement in manufacturing. James Richards, Paterson, New Jersey	Aug 10, --
Spinner, vertical. John Brown, Providence, Rhode Island	Aug 11, --
Saw mill, improvement in. John Bruff, Somerset county, Md.	Aug 16, --
Saddles, improvement in. John G. Morris, New York	Aug 28, --
Spinning wool, &c. improvement in the machine for. William Bushnell and J. Altoffer, Harrisburg, Virginia	Aug 30, --
Sector, improvement in the plane sliding. G. H. Thompson, Boston	Dec 4, --
Stoves, improvement in. John Tasker, Philadelphia	Feb 3, --
Seeds, improvement in cleaning. David S. Buck, Hurley, N.Y.	Feb 10, --
Steam boat, canal. Rober Huginin, Albany, New York	March 1, --
Steel, mode of making cast. Samuel Collins, Troy, N. Y.	April 10, --
Shelling corn, machine for. Chauncey Bulkley, Manchester, Vt.	May 25, --
Steam boiler, cast iron. John R. Averill, Manchester, N. Y.	May 27, --

Setting saw teeth, improvement in.	Webb Hart, Camden, S.C.	Dec 7, 1821
Seythes, improvement in.	Ephraim Kimball, jun. Fitchbury, Massachusetts	Jan 17, 1822
Steam engine, rotary.	John Lansing, jun. and A. Thayer, Albany, New York	Jan 19, --
Straw cutting machine.	Jonathan S. Eastman, Baltimore	Jan 29, --
Shoes, socks, &c mode of making.	S. Norris and J. C. Wood, Philadelphia	Jan 30, --
Scythes, mode of finishing.	Charles M'Namara, Northbridge, Massachusetts	Jan 30, --
Spring sofa, bed, couch, settee, &c.	S. Blair, New Haven, Conn.	Feb 2, --
Steam engine, improvement in the.	Thomas Hatton, Phil.	Feb 28, --
Stove, cooking.	Philologus Holley, Red Hook, New York	March 1, --
Saddle-trees, machine for making.	Reuben Fairchild and Eben Fairchild, Fairfield, Connecticut	March 6, --
Stove, improvement in the cooking.	John J. Pierce, Greenfield, Massachusetts	March 11, --
Spinning woollen yarn, improvement in.	John Sharp, Whites-town, New York	March 13, --
Spring shuttle spindle, improvement in the.	Samuel Cranston, Cumberland, Rhode Island	March 20, --
Stove pipe, improvement in making.	Wm. W. Weaver, Phil.	April 16, --
Scraper, or team shovel.	Elisha Case, Canton, Connecticut	April 23, --
Saw mill, improvement in the.	Thomas White, Chester district, South Carolina	April 27, --
Smut machine, &c. improvement in the.	Jedediah Tallman, Oneida county, New York	May 8, --
Stove, improvement in the.	James Barron, Norfolk, Virginia	May 14, --
Stove, improvement in the.	B Seymour and A. C. Bettis, Utica, New York	May 25, --
Splitting skins and pelts.	William Bent, Philadelphia	June 17, --
Stove for burning Lehigh coal.	Robert M'Minn, Philadelphia	June 24, --
Spindle (trestle) for cotton.	Charles Lewis and George Taylor, Poughkeepsie, New York	June 26, --
Steam expander.	David M'Allister, Brookfield, Vermont	July 15, --
Saddle-trees, improvement in.	Anthony Null, Philadelphia	Aug 29, --
Sugar, machine for breaking.	James Mitchell, Philadelphia	Sept 11, --
Sleigh shoes, improvement in.	Seneca Pettee, Salisbury, Conn.	Oct 1, --
Seat, elastic spring carriage.	Jona. Nichols, Providence, R. I.	Oct 2, --
Stills, improvement in.	Baltazar J Kallenback, Philadelphia	Oct 17, --
Stoves for burning Lehigh coal, &c.	Philip S. Mingle, Phil.	Oct 24, --
Saws, instrument for setting.	Joseph Beach, Middletown, Conn.	Oct 28, --
Steel, improvement in the art of making cast and wrought.	Horatio G. Spafford, Albany, New York	Oct 30, --
Stoves, improvement in the foot.	Julia Plantou, Philadelphia	Nov 4, --
Sawsetter, improvement in the.	David C. Jordan, New York	Dec 2, --
Salt, improvement in the mode of making.	Cadwallader D. Colden, New York	Dec 14, --
Sawset, improvement in the.	Rufus Grandy, New York	Dec 21, --
Shingles, machine for making.	Willard Earl, Boston	Dec 28, --
Stills, worms for.	Chester Cook, Paris, New York	Jan 11, 1823
Stone, machine for sawing and smoothing.	Nat. Holmes, Barnstable, Massachusetts	Jan 24, --
Scythes, mode of finishing.	Charles M'Namara, Northbridge, Massachusetts	Jan 31, --
Saddle-tree, improvement in the.	Peter Harry, Harrisonburgh, Virginia	Feb 1, --
Scraping and cleaning chimneys.	Mathew Benson, Ohio	May 15, 1823

Saddle-tree, improvement in the. Christopher Kurtz, Penn.	May 25, --
Sick, &c machine for raising into various positions the. Jos. C. Jenckes, Providence, Rhode Island	May 29, --
Seat for wagons, chairs, &c. Sherman Blair, New Haven, Conn.	June 20, --
Steam engine, improvement in the rotary. James Thompson, Pittsburg, Pennsylvania	July 16, --
Spring cushions, beds, &c. Sherman Blair, New Haven, Conn.	Aug 1, --
Spring saddle-tree. Joseph and William Dinwiddie, Campbell county, Virginia	Aug 8, --
Steam engine, converting a rectilinear into a rotary motion. John Y. Savage, Raleigh, North Carolina	Aug 9, --
Steam carriage, construction of the. Lewis Bigelow, Mass.	Aug 29, --
Stove for burning stone coal. George J. Fougery, Phil.	Sept 11, --
Stove, improvement in the common. Louis Goujon, Phil.	Sept 22, --
Spiral wheel, improvement in the. Abner Vansant, Jefferson county, Missouri	Sept 29, --
Spinning cotton, improvement in. William Bryant, Mill Creek, Tennessee	Sept 30, --
Steel, mode of converting iron into. Eleazar L. Losey, New Brunswick, New Jersey	Nov 20, --
Shears, with curved edges. Samuel Fry, New York	Nov 27, --
Straw cutting machine, improvement in. John Osborn, Blandford, Massachusetts	Dec 6, --
Stove for cooking, improvement in the. John Conant, Brandon, Vermont	Dec 13, --
Shingles, machine for manufacturing. Manasseh Andrews, Livermore, Massachusetts	Dec 29, --
Stove, improvement in the. J. Talcott and J. M ^c Culloch, Smyrna, New Jersey	Jan 26, 1824
Spinning, improvement in wool. Gilbert Brewster, Norwich, Connecticut	Feb 27, --
Spinning wheel, improvement in the. Charles P. Schaffle, Lewisburg, Pennsylvania	Feb 28, --
Salt, improvement in making fine and coarse. Joseph P. Rositer, Salina, New York	March 2, --
Stoves, improvement in cooking. James Wilson, N. Y.	March 13, --
Spindle for the throstle. Gilbert Brewster, Norwich, Conn.	March 13, --
Spinning wool, improvement in. Ditto ditto	March 13, --
Spring saddle, improvement in. Nathan W. Conklin, Jamaica, New York	March 27, --
Spinning wheel. Grey Brooks, Athol, New York	April 2, --
Steam generator. Joseph Dixon, jun. Philadelphia	April 13, --
Stoves, improvement in cast iron. William T. James, N. Y.	April 23, --
Scaffolds, machine for raising and supporting. Henry M. Nichols, Burlington, Vermont	April 24, --
Saw-mill saw, machine for filing. Solomon Morse, Sempronius, New York	April 24, --
Steam engine, improvement in the rotary. Royal N. Powers, Cincinnati, Ohio	April 29, --
Steam engine, improvement in the. Ralph Bulkley, N. Y.	April 30, --
Steam of high temperature, generating. John Babcock, Portsmouth, Rhode Island	May 1, --
Shingles, machine for making. James Sawyer, Templeton, Mass.	May 4, --
Safety-ark. William Hollins, Baltimore	May 4, --
Steam engine, improvement in the. Henry Lainheart, jun. New Orleans	May 6, --
Straw, machine for cutting. Robert J. Steele, Richmond county, North Carolina	May 24, r3

Spinning machinery, cotton. William Haworth, Providence township, Pennsylvania	June 2, 1824
Spinning, in the carriage of the mule for. W. Haworth, Providence township, Pennsylvania	June 2, --
Steam, mode of generating. David B. Lee, Philadelphia	June 9, --
Straw cutting machine. Major M'Donald, Topsham, Mass.	June 10, --
Side saddle, improvement in the double. Hugh M. Rose, Lexington, Kentucky	June 19, --
Sliding joint for settees, &c. Isaac Jennings, New York	June 25, --
Spinner, horizontal. C. Merrill, B. Batchellor and S. King, jun. Lowville, Lewis county, New York	July 3, --
Steam engine, rotary. Anthony Cooley, Le Roy, New York	July 29, --
Smut machine, &c. Phineas Pettis, Tallmadge, Ohio	Aug 12, --
Spinning and roping machine. Z. Knox and Willis Hoskins, Lowville, Lewis county, New York	Aug 16, --
Spinning, domestic machine for. Elias Wood, Lowville, N. Y.	Sept 3, --
Sausage stuffing machine. Andrew Glendening, Loudoun county, Virginia	Sept 9, --
Saw plates, manner of making. James Cloud, Chester, Penn.	Sept 8, --
Steam engines producing steam for. Joseph Buchanan, Lexington, Kentucky	Sept 13, --
Steam, mode of generating and applying. Stephen T. Conn, Washington county, Virginia	Sept 27, --
Selvage, double stitched. J. A. Wadsworth and E. Wadsworth, Portsmouth, Rhode Island	Oct 5, --
Spinner, wool and cotton. Francis Price, New York	Oct 5, --
Spinning wool, machine for. Laffered Totten, Schoharie, N. Y.	Nov 13, --
Steam engine, improvement in the rotary. John Gilbert, Le Roy, New York	Nov 17, --
Steam, drying floors for kilns, &c. George G. Moore, N. Y.	Dec 4, --
Steam and gas engine, improvement in the New York	Dec 11, --
Steam, mode of generating. B. F. Joslin, Schenectady, N. Y.	Dec 16, --
Salt, mode of manufacturing. Peter Cooper, New York	Dec 23, --
Shelling, riddling and fanning. R. Humphrey, Harpersfield, N. Y.	Dec 24, --
Spinning machine, improvement in the. H. Hunt and C. Bra-dish, Lowville, New York	Dec 24, --
Stave dresser and cross cutting jointer. John R. Averille, Manchester, New York	Dec 29, --
Salt, improvement in the manufacture of. Daniel Garrard, Clay county, Kentucky	Dec 28, --
Spinning wool, improvement in. John Griggs, jun. Ashford, Connecticut	Dec 30, --
Spinning, improvement in. Sidney Whiting, Wrentham, Mass.	Dec 31, --
Spiral spring latch, improvement in. Abraham Blauvelt, New Brunswick, New Jersey	Feb 9, 1825
Shovels and spades, improvement in. James Wood, Phil.	Feb 10, --
Shot, screening. John W. Honey, Herculaneum, Missouri	Feb 10, --
Stove pipe, manufacturing. John Colby, Salsbury, Mass.	Feb 16, --
Shovel for removing earth, &c. Ths. Pierce, Hartwick, N. Y.	March 3, --
Steam engine, improvement in the. Isaiah Jennings, N. Y.	March 15, --
Springs, making transverse. N. A. Stoddard, Pawlett, Vt.	April 2, --
Spinning wool, improvement in the machine for. S. Slater, Middletown, Connecticut	April 4, --
Slitting machine. Jesse Reed, Marshfield, Plymouth, Mass.	April 21, --
School rooms, buildings for. S. W. Taylor, and J. W. Martin, Lowville, New York	April 16, --
Spinning machine. Richard Woolsey, Kortright, New York	May 13, --
Stoves. Thomas Wentworth, Oswego, New York	May 18, --
Spinner, improvement on Brown's vertical. J. R. Wheeler and J. B. Wheeler, Kingsbury, New York	May 26 --

Stove or grate for Leheigh and other coals. John Lovatt, Phil.	June 16, 1825
Spirits, rectifying by steam. Jonathan Shaw, Southport, N. Y.	June 21, --
Salt, manufacturing by steam. Benjamin Barlow, Geddes, N.Y.	June 25, --
Spinning wool and cotton A. S. Wiltse and J. Farnham, the former of Carolina, the latter of Tioga, New York	June 28, --
Salt, making. William Barker, Smithfield, Rhode Island	July 20, --
Steam boat guard or fender. E. C. Genet, New York	Sept 9, --
Salt, making. Calvin Guiteau, Geddes, New York	Sept 9, --
Saw, compound rotary. Adam Stewart, Boston, Mass.	Sept 29, --
Steam engine. William Avery and H. Scoville, Pompey, N. Y.	Sept 30, --
Saddles. Thomas G. Prettyman Alexandria, D. C.	Sept 30, --
Saddles. Lacy White, New York	Sept 30, --
Saw mills. Ebenezer Whiting, Ithaca, New York	Nov 1, --
Steam power, mode of applying direct. Robert Dennis, Rahway, New Jersey	Nov 3, --
Springs for carriages. Hazard Knowles, Colchester, Conn.	Nov 4, --
Straw, machine for cutting. Benjamin A. Hall and Chauncey Hall, Middletown, Connecticut	Nov 7, --
Steam engine, rotary. J. R. Averill and F. Hoard, Rochester, New York	Nov 12, --
Shingles, machine for sawing. Jonathan Culver, Norfolk, N.Y.	Nov 15, --
Steam engine, elementary. Timothy Beach, Deer creek, Ohio	Nov 16, --
Safety valve, the alarm or. William S. Gillett, Lower Three Runs, South Carolina	Nov 16, --
Steam enginery. John A. Wadsworth, Portsmouth, R. I.	Nov 23, --
Saw mill. Isaac Ryon, Bridgewater, Massachusetts	Nov 24, --
Steam, by the use of anthracite in generating. Mahlon Betts, Wilmington, Delaware	Nov 26, --
Shelling machine. Christopher Hoxie, Hudson, New York	Dec 8, --
Screws, making wooden square. James Lynch, Pulaski, Tenn.	Dec 12, --
Shingle mill. Ephraim Parker, Fitzwilliam, New Hampshire	Dec 17, --
Steam, improvement in the application of. Michael Musselman, Phelps, New York	Dec 29, --
Spinner, horizontal. J. S. and B. J. Billings, Moreau, N. Y.	Jan 16, 1826
Sawing boards, machine for. Wm. Kendall, jun. Waterville, Me.	Jan 16, --
Sawing shingles, machine for. Willard Foster, Oswego, N. Y.	Jan 25, --
Saw mill. Israel Johnson, jun. Villenovia, New York	Feb 8, --
Steam pump. George W. Long, Old Point Comfort, Virginia	Feb 16, --
Steam still. James G. Foley, Harrisburg, Pennsylvania	Feb 23, --
Spinning wool and cotton. J. R. and J. B. Wheeler, Galway, N. Y.	March 3, --
Steam engine for boats. George Denning, Niagara, New York	March 10, --
Stumps and stones, raising. Abiezer H. Whitney, Bowdoinham, Maine	March 15, --
Spinning machine. George W. Robinson, Providence, R. I.	March 16, --
Steering wheel for vessels. J. M. Brown, Boston, Mass.	March 24, --
Slitting timber machine. William Barker, Kingston, Pa.	March 25, --
Steam, wind and water combined with. Isaac Garretson, Bellefontaine, Ohio	March 25, --
Slitting and rolling iron mills. Timothy Allen, Plymouth, Mass.	April 5, --
Sawing shingles, machinery for. Oliver Goddard, Bridgeton, Me.	April 6, --
Saw for making fret work for the backs of chairs. Ed. and Ch. Booth, Southbury, Connecticut	April 22, --
Splicing cotton and woollen rolls. Gardner Barton, jun. Shaftsbury, Vermont	April 22, --
Steering vessels, machinery for. S. G. Clarke and G. Stimpson, Charleston, Massachusetts	April 26, --
Steam boats for shallow water. Benjamin Phillips, N. Y.	April 28, --
Spinner, horizontal. B. Hunt and S. Wheelock, Knox, N. Y.	May 2, --
Spinning jenny. James Mathews, Schenectady, New York	May 2, --
Sponges for artillery. John Gethen, Philadelphia, Penn.	May 16, --

Spinning machine, family. J. Watt, F. A. Priest and G. Freeborn, Jefferson county, Ohio	May 20, 1826
Steam packed rotary steam engine. S. Fairlanb and D. Bruce, jun. New York	May 25, --
Springs to the seat of a wagon. Walter Janes, Ashford, Windham county, Connecticut	June 6, --
Spinning wool, tow and cotton, machine for. J. Corrill and W. P. Rogers, Harpersfield, Ohio	June 15, --
Shaving and smoothing wood, machine for. Abraham Brownson, Lockport, New York	June 21, --
Spinning flax and hemp, machine for. Wm. Hunt and Wm. Hoskins, Martinsburgh, New York	June 22, --
Sawing wood, slitting boards, &c. Barnabus Ruggles, Poultney, New York	June 29, --
Steam generator, Franklin duplex. John M'Curdy, Plymouth, England	July 1, --
Steering wheel for vessels. E. S. Coffin, Boston, Mass.	July 10, --
Steering vessels, apparatus for. R. Kinsbury and E. Rowse, Bath, Maine	July 10, --
Salt, mode of manufacturing. Stephen T. Conn, Georgetown, District of Columbia	July 12, --
Steam generator. Stephen T. Conn, Georgetown, D. C.	July 20, --
Steam saw mill. Reuben Nichols, New Orleans	July 21, --
Spinning wool and cotton. Joseph Hathaway, Poultney, N. Y.	July 24, --
Steam, application to furnaces. Cotton Foss, Madison township, Ohio	Aug 2, --
Steam, plan for working twice over. Joseph H. Laning, Nashville, Tennessee	Aug 12, --
Sawing circular timber. Benj. Overman, Greenboro', N. C.	Aug 15, --
Seine twine, &c. mode of laying. Jos. Clarkson, Baltimore, Md.	Aug 16, --
Spools or trussels, bobbins, improvement in. T. Van Riper, Paterson, New Jersey	Aug 16, --
Steam enginery, improvement in. Joseph Eve, London, England	Aug 16, --
Steam washer, for cleansing clothes. William Burton, jun. Ansville, New York	Aug 16, --
Suspenders, improvement in. Benjamin Wilse, Utica, N. Y.	Aug 19, --
Saw setting, improvement in the mode. Joseph K. Schreiner, Philadelphia	Aug 19, --
Spinning and roping cotton and wool. John R. and Joseph B. Wheeler, Galway, New York	Aug 28, --
Stock, jubilee. W. J. Cantelo and R. M. Kerrison, New York	Aug 30, --
Singeing or dressing cloth. A. Robeson, New Bedford, Mass.	Sept 8, --
Screw boot tree. George Nichol, Madison C. H., Virginia	Sept 8, --
Stone ware, improvement in burning. Sanford S. Perry, Troy, New York	Sept 12, --
Saw mill, improvement in the horse. Solomon R. Johnson, N. Y.	Oct 25, --
Steam engine, improvement in the. Elisha Bigelow, Baltimore	Nov 6, --
Steam engine, improvement in the rotary. Elijah H. Reid, Lancaster, Kentucky	Nov 10, --
Steam generator. Dan. Phelps, Bath, Steuben county, N. Y.	Nov 14, --
Spinning, machine for. Joseph Woodhull, Chester, N. Y.	Nov 14, --
Steam engine, double atmospheric. William Willis, Charleston, South Carolina	Nov 14, --
Spinning wool, &c. machine for. Lafford Totten, Schoharie, N. Y.	Nov 22, --
Saddle tree, improvement in making. George Wilkes, Fredonia, Indiana	Nov 22, --
Screw used in propelling machinery. W. H. Godfrey, Rochester, New York	Nov 27, --
Steam saw mill, locomotive. W. G. Berry and J. T. Osborn, Cincinnati	Nov 26, --
Spoons and forks, in the manufacture of. Wm. Gale, N. Y.	Dec 7, --

Spinning wool and cotton, machine for. Seth Boyden, Foxborough, Massachusetts	Dec 7, 1826
Saw, circular reacting. William Avery, Cazenovia, New York	Dec 8, --
Sawing veneers, mill for. John P. Allen, Manchester, Mass.	Dec 8, --
Steam, mode of preventing accident from. John J. Giraud, Balt.	Dec 12, --
Slate dresser, improvement in the. J M. Porter and P. H. Mattes, Easton, Pennsylvania	Dec 22, --
Stills, improvement in the construction of. Edmund Capen, Bus.	Jan 17, 1827
Steam, improvement in the mode of generating. Levi Silliman, Albany, New York	Jan 19, --
Stirrup, improvement in the. Daniel Powles, Baltimore	Jan 26, --
Straw cutting machine, in the. Thomas Benbow, Guilford county, North Carolina	Feb 6, --
Salt, improvement in the mode of making. Benajah Byington, Salina, New York	Feb 21, --
Ships and vessels, mode of constructing. Thomas W. Bakewell, Cincinnati, Ohio	Feb 21, --
Suspenders, in the manufacture of. Abm. L. Van Horne, Phil.	Feb 22, --
Sofas, or portable bedsteads. Chester Johnson, Albany, N. Y.	Feb 24, --
Shovels, improvement in making. Oliver Ames, Easton, Bristol county, Massachusetts	March 5, --
Stone, mode of making artificial. Louis Matthey, Brooklyn, New York	March 7, --
Straw cutting machine, &c. Calvin Chamberlin, America, N.Y.	March 15, --
Stoves, improvement in the domestic cooking. David Westfield, New York	March 24, --
Stoves, improvement in the domestic cooking. Joseph R. Page, Philadelphia	March 24, --
Shingles, improvement in manufacturing. Paul Hawes, Lockport, New York	March 30, --
Spinning machine, improvement in the. Nathaniel Reminton, Geneva, New York	April 21, --
Steam engine, improvement in the. George Fleming, Goochland C. H. Virginia	April 24, --
Scraper or steam shovel, improvement in the. G. Davis and J. Price, Lockport, New York	May 12, --
Steam engine, improvement in. E. A. Lester, Boston, Mass.	May 14, --
Stocks, improvement in. Joseph Towson, Baltimore	May 14, --
Steam power, employment of heated air to. Minus Ward, Balt.	May 15, --
Stoves, improvement being in funnel. Hiram Wales, Randolph, Massachusetts	May 18, --

T

Thrashing of grain and corn. Samuel Mullikin, Philadelphia	March 11, 1791
Thrashing of wheat, &c. Wm. Thomson, Richmond, Va.	Aug 2, --
Thread, spinning and twisting. Obad. Herbert, Mount Pleasant county, New Jersey	Jan 28, 1792
Tobacco manufacturing. C. Batterman and J. Caldwell, Albany, New York	Jan 26, 1793
Tallow lamp. See <i>Lamp</i> .	
Thrashing of grain. William Hodgson, Virginia	April 28, 1794
Thrashing machine. James Wardrop, Amptill, Virginia	Nov 5, --
Teeth, improvement in extracting. Thomas Bruff	July 1, 1797
Tobacco, improvement in cutting. Apollos Kinsley	Aug 12, --
Thrashing grain, improvement in. Richard R. Elliot	Nov 16, --
Tide, regulation of the other spiral wheel. John Martin	April 27, 1798
Thrashing wheat, &c. machine for. Thomas C. Martin	June 2, --
Tobacco, machine for cutting. Peter Lorillard	June 28, 1800
Telegraph. Jonathan Grout, jun. Belcherstown, Mass.	Oct 24, --
Tournequet axle. Joseph Strong	Jan 29, 1801

Time piece, improvement in. Simon Willard	- -	Feb 8, 1802
Thrashing and cleaning wheat, improved machine for. Ezekiel Miller	- - -	July 19, --
Trigonometrical quadrant, improvement in. James Templeton	- -	Aug 17, --
Tide power, obtained from its rising and falling. John Staples, Flushing, Long Island, New York	- - -	March 18, 1803
Time pieces, improvement in. David F. Launcey, Phil.	- -	March 21, --
Thrashing machine. Jedediah T. Turner	- -	Oct 19, --
Twilling machine for pricking leather for cards. Phiney Earl, Leicester, Massachusetts	- - -	Dec 6, --
Thrashing and cleaning grain, machine for. Thomas Barnet	- -	Feb 21, 1804
Twisting mill. See <i>Spinning</i> .		
Tew for paper, machine for preparing. Abraham Frost	- -	March 19, --
Tablets, composition for. Amos D. Allen	- -	May 10, --
Thimbles, improvement in making. A. Spencer, New London, Connecticut	- - -	June 8, --
Thrashing machine, improvement in. James Deneale, Prince William county, Virginia	- - -	Nov 20, --
Transporting carriages. See <i>Carriages</i> .		
Tin ware, mode of manufacturing. B. Langdon, St. Albans, Vt.	- -	May 4, 1805
Tiles, brick, &c. apparatus for making. William Hodgson, Richmond, Virginia	- - -	May 10, --
Types, machine for casting. William Wing, Hartford, Conn.	- -	Aug 28, --
Tub mills. Charles M'Lean and Solomon Loomis	- -	Sept 25, --
Tow, machine for preparing and hackling. James Tatterton, Southampton, Long Island	- - -	Dec 7, --
Tansey. See <i>Essence</i> .		
Tilt hammers. John F. Gould	- - -	March 8, 1806
Transverse sleigh. Levi Rogers, Berwick, Massachusetts	- -	Feb 4, 1807
Truss, accommodating bolted for ruptures. John Beath, Boston	- -	Feb 7, --
Tilting wagons. A. Hobart, Braintree, Massachusetts	- -	Feb 17, --
Trip hammer, with a perpendicular handle. Joel Foy, jun. Middlesex, Massachusetts	- - -	Feb 25, --
Thimbles for the sails of ships. I. Jennings, New York	- -	Nov 20, --
Thrashing machine. Benjamin B. Bernard, Virginia	- -	Nov 30, --
Thrashing and cleaning grain. Simon Willard, jun. Hudson, New York	- - -	Nov 30, --
Trimming straw plat for bonnets. E. Smith, Franklin, Mass.	- -	March 30, --
Tanning. Samuel Parker, Bellerica, Massachusetts	- -	July 9, --
Tub mill, rolling. Samuel Bartlett, East Windsor, Conn.	- -	July 19, --
Tailors' bench. William Burtis, New Brunswick, N. J.	- -	Oct 3, --
Thrashing and winnowing machine. L. Hock, Frederick county, Maryland	- - -	Feb 15, 1809
Thrashing machine. Robert Patton, Columbia, Pennsylvania	- -	Feb 17, --
Tobacco, mode of curing. John Robinson, Charlotte, Virginia	- -	Feb 25, --
Thrashing machine. Samuel Condon, New Hartford, Conn.	- -	March 3, --
Telegraph. William Schultz, Baltimore	- -	June 14, --
Tewel. See <i>Water back</i> .		
Trigonometer or trigon. William Chamberlin	- -	June 28, --
Truss, spiral. Philip A. De Savignac, New York	- -	July 13, --
Truss for ruptures. J. Cerneau, New York	- -	Aug 17, --
Twisting frames. See <i>Delaware</i> .		
Table bureau, dressing. Nathaniel Beary, Boston	- -	Oct 13, --
Trip hammer. John Smith, Otsego, New York	- -	Oct 14, --
Thrashing and cleaning grain. Joseph Coppinger, Baltimore	- -	Oct 31, --
Thrashing machine. J. Meriwether Syme, Richmond	- -	Nov 29, --
Thrashing machine. Asa Cady, Florida, New York	- -	Dec 27, --
Trip hammer. Ezra Osborn, Berksbire, Massachusetts	- -	Jan 8, 1810
Thrashing machine. Joseph Comfort, Bucks, Pennsylvania	- -	Jan 25, --
Thrashing machine. John Comfort, Bucks, Pennsylvania	- -	Jan 25, --
Thrashing machine. Joseph Beach, Northfield, Massachusetts	- -	March 30, --

Thrashing Machine.	Isaiah Jennings, Brookfield, New York	March 30,	1810
Tubes for aqueducts, earthen.	James Ramsay, Burke, Vt.	April 4,	--
Trip hammer.	Elisha Downer, Duceyter	April 11,	--
Turnpike gate.	Jeremiah Brainard, Canaan, New York	April 16,	--
Trip hammer.	Oliver Ames, Plymouth, Massachusetts	April 25,	--
Tobacco, mode of manufacturing.	P. Lorillard, New York	April 25,	--
Tenons, machine for cutting.	E. Bashford and E. Johnson, Livermore, Massachusetts	April 23,	--
Tide mill.	John P. Swain and Jacob Skinner, Roxbury, Mass.	May 17,	--
Trip hammer.	Joseph Hines, Providence, Rhode Island	June 16,	--
Tanning hides.	Ed. Seter, Delaware county, Pennsylvania	Aug 16,	--
Thrashing and fanning, machine for.	Ezekiel Miller and John Anderson, Westmoreland, Oneida, New York	Aug 15,	--
Tan bark, machine for cutting.	C. Griswold and Hosea E. Potter, Otsego, New York	Nov 20,	--
Tanning, heating water for.	A. Henderson, Great Barrington, Massachusetts	Nov 24,	--
Thrashing machine.	Daniel C. Arnold, Baltimore	Dec 15,	--
Tanning leather.	Nath. Burley, Stafford, New Hampshire	Jan 24,	1811
Type mould, Arch. Binny, Philadelphia		Jan 29,	--
Types, mode of smoothing, &c.	Arch. Binny, Philadelphia	Feb 4,	--
Thimbles, making rims for, &c.	Stephen Chandler, New York	Feb 4,	--
Thrashing machine.	James W. Walker, Wilmington, N. C.	Feb 9,	--
Trip hammer.	John Goulding, Leicester, Massachusetts	March 1,	--
Thrashing machine.	R. C. Van Houton, New York	March 28,	--
Tanning leather.	Joseph Barker, Deerfield, Oneida county, New York	April 10,	--
Tanning leather.	William Hollingsworth, Elkton, Maryland	July 30,	--
Truss, double spring angular.	Theodore Hart, New York	Aug 30,	--
Tanning.	Alexander H. Avery, Bennington, Vermont	Sept 30,	--
Trip hammer.	Joseph Beal, Ontario, New York	Oct 5,	--
Tanning.	Joseph Barker, Deerfield, New York	Jan 10,	1812
Thrashing machine.	Benjamin S. Hort, Georgetown, S. C.	Feb 21,	--
Thrashing machine.	Wm. Richards, Culpeper county, Va.	March 2,	--
Thrashing machine.	Joseph Goulding, Bangor, Massachusetts	March 19,	--
Tanning.	Samuel Currie, Philadelphia	March 28,	--
Tobacco spinning, &c.	J. Vanderpoole and J. Eagles, Newark, New Jersey	April 8,	--
Tanning.	C. Luther and James Smith, assigned to Daniel Renner, Georgetown, D. C.	May 5,	--
Trip hammer.	Stephen Morrill, Redfield, Massachusetts	Sept 28,	--
Tanning.	William Edwards, Northampton, Massachusetts	Oct 19,	--
Thrashing machine.	T. Judson and J. Hotchkiss, Woodbury, Connecticut	Nov 27,	--
Thrashing machine.	Samuel Skiff, Sharon, Connecticut	Dec 5,	--
Thrashing machine.	John Hought, jun. Bucks county, Penn.	Dec 14,	--
Tanning soal leather.	W. Edwards, Northampton, Mass.	Dec 30,	--
Tassels and cords for boots.	Alford James, Hartford, Conn.	March 1,	1813
Timber, machine for cutting.	David Cram, Clarksburg, Va.	April 15,	--
Tanning in cold weather, &c.	Caleb Atwater, Genoa, N. Y.	June 2,	--
Throstle for spinning wool, &c.	S. Shallcross, New York	Jan 26,	1814
Teazling cloth, substitute for.	Isaac Sandford, Providence, R.I.	March 26,	--
Torpedo.	Ebenezer Ford, Baltimore	April 14,	--
Tin plates.	David Noble, Philadelphia	May 9,	--
Types, moulds for casting.	A. Binney, Philadelphia	May 17,	--
Table for the use of ships.	G. Patrick, Wilkesbarre, Penn.	Nov 8,	--
Tin plates.	Aaron Burk, New York	Feb 11,	1815
Tables.	Sullivan Snow, Saco, District of Maine	March 2,	--
Timber, preserving under water.	George Lovett, New York	April 1,	--
Thrashing machine.	Thomas Warner, Genesee, New York	May 11,	--
Tenons, machine for cutting.	J. Reynolds, Dutchess county, N.Y.	June 24,	--

'Trip hammer. Urber Palmer, Spencer, New York	-	July 31, 1815
Tops, fall. John Eberts, Philadelphia	-	Sept 8, --
Toothach, machine for steaming. D. Merritt and S. D. Rogers, New York	-	Dec 27, --
Trees, preventing the canker worm in. Jonas Kendall, Leominster, Massachusetts	-	Jan 4, 1816
Tenters or temples for weavers. D. A. Smith, Townsend, Mass.	-	Feb 23, --
Types, casting moveable. G. Webster, New York	-	Feb 28, --
Tanning. William Edwards, Northampton, Massachusetts	-	April 2, --
Thrashing machine. E. Hotchkiss, Brattleboro', Vermont	-	April 8, --
Tortoise shell, stamping on. J. H. Derby, Worcester, Mass.	-	April 30, --
Tub winnowing mill. Moses Elliot, Concord, New Hampshire	-	May 18, --
Tacks, machine for making. Jesse Reed, Hanover, Mass.	-	Aug 1, --
Thimbles, rims for. Stephen Chandler, New York	-	Sept 20, --
Tanning. Bradford A. Potter, Manlius, New York	-	Sept 26, --
Types, ornamenting, &c. with. F. Bailey, Philadelphia	-	Oct 9, --
Tinder box. Isra Ives, Farrington, Connecticut	-	Oct 35, --
Tow boats. John S. Sullivan, Boston	-	Dec 4, --
Type moulds. George B. Lothian, New York	-	Dec 18, --
Thrashing machine. Nathan Reed, Boston	-	Feb 22, 1817
Teazling cloth, machine for. J. Olney, Westmoreland, Oneida county, New York	-	March 29, --
Thrashing machine. T. Cohoon and W. Elliot, Washington	-	April 12, --
Teazling cloth. Josiah Beckwith, Syme, Connecticut	-	May 16, --
Trusses for ruptures. Amos G. Hall, Utica, New York	-	July 17, --
Trusses for ruptures. Abel Blanchard, Pembroke, N. H.	-	May 17, --
Thrashing machine. Silas Smith, Albany, New York	-	Aug 28, --
Tacks and brads, machine for. Samuel Rogers and T. Blanchard, Boston	-	Oct 3, --
Teeth, setting artificial. Wilkinson R. Eagleson, Baltimore	-	Oct 4, --
Toothache, remedy for the. Joseph Utley, Hartford, Conn.	-	Nov 5, --
Thrashing machine. Nathan Read, Belfast, District of Maine	-	Dec 23, --
Thrashing machine. Nathan Read, Belfast, District of Maine	-	Feb 18, 1818
Thrashing machine. T. Beatty and M. Shanks, Martinsburg, Va.	-	Feb 25, --
Tanning and currying leather. J. Prescott, Augusta, Maine	-	March 6, --
Tubes, machine for drawing metallic. C. Eastman, Hillsboro', New Hampshire	-	April 16, --
Temples, weavers'. John Waterman, Rhode Island	-	May 28, --
Tachygraphy, or the flying pen. L. A. M. Sprangh, N. Y.	-	June 29, --
Thrashing machine, improvement in the. Chester Bullard, Norfolk, Massachusetts	-	Dec 16, --
Tanning, improvement in. James Batchelder, Grafton, N. H.	-	Dec 22, --
Thrashing machine. Thomas Mayfield, Baltimore	-	Dec 23, --
Twine, machine for tarring and spooling. Israel Decker, Bos.	-	April 31, 1819
Thrashing machine. Daniel Young, Piermont, New Hampshire	-	April 17, --
Tin ware, machine for making. S. Peck, Hartford, Conn.	-	April 23, --
Tobacco press, improvement in the. E. Brown, Richmond, Va.	-	April 30, --
Tanning, hemlock, &c. used in. John Lansing, jun. Albany, N. Y.	-	April 30, --
Trusses for ruptures. Benjamin Strahan, Philadelphia	-	June 23, --
Turning gun stocks, &c. machine for. T. Blanchard, Millbury, Massachusetts	-	Sept 6, --
Thrashing machine. William H. Ransone, Mathews county, Virginia	-	Sept 8, --
Tire for wagons, &c. mode of hollowing. Thomas Rowand, Gloucester county, New Jersey	-	Dec 24, --
Towing boats on canals, machine for. Peter Cooper, N. Y.	-	Jan 24, 1820
Tobacco press, improvement in the. S. Fraser, Nottingham, Maryland	-	March 23, --
Towing boats and vessels. Samuel Howard, Savannah, Geo.	-	May 24, --
Thrashing machine. Ezra Goodel, Phelps, Ontario county, N. Y.	-	June 6, --
Thrashing machine. A. Woolworth, Waterbury, Connecticut	-	June 15, --

Teeth, composition for cleaning. Levi S. Parmly, New York	June 17, 1820
Thrashing mashine. Asa Shattuck, Pepperhill, Massachusetts	June 23, --
Tobacco reel, improvement in the. S. and E. Hardy, Kennebeck, Maine	Dec 30, --
Tiring carriage wheels. Russel Hunt, 2d, Litchfield, Conn.	March 20, 1821
Thrashing machine. James Gregg, Londonderry, N. H.	March 30, --
Tilt hammer, improvement in the. Jacob Eversol, Botetourt county, Virginia	May 3, --
Threads, mode of packing. Reuben Langdon, Hartford, Conn.	June 20, --
Trucks, mode of cutting. Robert Rose, Washington, D. C.	Aug 6, --
Teazling and knapping cloth. Aaron Foster, Whitestown, N. Y.	Aug 24, --
Thrashing machine, improvement in. Benj. Cummins, Brooklyn	Sept 1, --
Thrashing and rice cleaning machine. Michael Morrison, Waterbury, New Hampshire	Sept 15, --
Thrashing and winnowing machine, improvement in the. Seth Ballou, Livermore, Maine	Dec 12, --
Trunnels for ships, improvement in. Thomas Rowell, Vt.	Dec 13, --
Transferring impressions. A. C. Baker and M'Fund Biddle, Albany, New York	Feb 7, --
Telegraph, domestic. Daniel Pierson, Boston	March 2, --
Truss, improvement on Hull's. Bela Tarr, Norwich, N. Y.	March 9, --
Teeth, improvement in artificial. Charles M. Graham, N. Y.	March 9, --
Thrashing and winnowing machine. Alvin Savage, Wheatland, New York	March 28, --
Thrashing machine. B. Tyler, J. Tyler and J. B. Andrews, Windsor, Vermont	April 23, --
Thrashing machine. Reynolds Gillman, New York	April 29, --
Tayloring, improvement in. Isaiah J. Hendryx, Bennington, Vermont	May 29, --
Thrashing, &c. machine for. Major M'Donald, Topsham, Me.	July 10, --
Thrashing, &c. machine for. Thacher Blake, Paris Maine	July 12, --
Turpentine, distilling. Frederick S. Cozzens, New York	July 27, --
Thrashing machine. Joseph Pope, Hallowell, Maine	July 30, --
Truss shears, for cutting iron. Enos Baldwin, New York	July 31, --
Thrashing machine, improvement in the. Timothy Howe, Turner, Maine	Dec 3, --
Tools, art of making edge. Horatio S. Gates, Troy, N. Y.	Dec 19, --
Thrashing machine. Gideon Reynolds, New York	Jan 21, 1823
Tanning, improvement in. Leonard Jacobs, Missouri	Feb 10, --
Thrashing, improvement in. John Carll, New York	Feb 12, --
Truss, improvement on the. Amos G. Hull, New York	Feb 27, --
Thrashing grain, &c. machine for. Naman Goodsell, Clinton, Oneida county, New York	March 21, --
Tannin, mode of extracting. William Knapp, Milford, N. Y.	April 5, --
Thrashing machine. P. Reading, Trenton, New Jersey	April 15, --
Tubs, pails, keelers, &c. mode of making. Amos Mider, Camillus, New York	April 25, --
Thrashing machine. J. R. Miller, Dryden, New York	April 30, --
Tinned sheet lead, manufacture of. Thomas Ewbank, N. Y.	May 30, --
Telegraph, improvement in the. James M. Elford, Charleston, South Carolina	June 18, --
Tilt hammer, improvement in the spring. William Bowlin, Harrisburg, Virginia	July 1, --
Talley, mode of keeping. William A. Turner, Plymouth, N. C.	July 12, --
Thrashing machine, improvement in. Wm. Kirk, Baltimore	July 22, --
Temples for cloth-loom. John Bazin, jun. Canton, Mass.	Aug 8, --
Thrashing machine, improvement in the. Charles Smith, N. Y.	Sept 6, --
Thrashing grain, &c. Archibald Douglass, New York	Sept 18, --
Tannin, mode of procuring by the pyroligneous acid. D. Roe, C. F. Kellogg and J. W. Gazlay, Cincinnati, Ohio	Oct 3, --
Tannin, improvement in. Joshua Galbraith, Trenton, N. J.	Oct 15, --

Thrashing and grinding machine, improvement in the. Wm. S. Lewis, Pittsylvania, Virginia	Oct 20, 1823
Tannin by the pyroligneous acid Horace H. Hayden, Balt.	Nov 26, --
Thrashing machine, improvement in the. Benjamin Lovejoy, Augusta, New York	Dec 31, --
Thrashing machine, improvement in the. Andrew Noble, Alfred, Maine	Jan 12, 1824
Throstle cotton spinner, improvement in the. Benjamin Brundred, Mamaroneck, New York	Jan 17, --
Truss, improvement in the revolving spiral spring. Joseph Farr, Manlius, New York	Feb 7, --
Teeth, preventive of caries or decay in. Horace H. Hayden, Baltimore	Feb 11, --
Thrashing and winnowing machine. Edward Warren, Augusta, Maine	March 6, --
Tide-gauge. James D. Woodside, Washington, D. C.	April 14, --
Trigonometer, improvement in the. William Bolles, Griswold, Connecticut	July 17, --
Thrashing machine, &c. Gideon Reynolds, New York	July 20, --
Trusses for ruptures. Amos G. Hull, New York	Aug 19, --
Tanning, improvement in. Joseph Wampler and G. Matthews, Steubenville, Ohio	Aug 27, --
Trunks, making leather. Robert C. Martin, Philadelphia	Aug 28, --
Trusses for hanging the yards of ships. Preserved Fish, N. Y.	Sept 24, --
Thrashing machine, &c. Ger. Boswick and H. Spencer, Maryland, New York	Dec 24, --
Transporting weights, &c. James Cornell, Brookfield, N. Y.	Dec 24, --
Thrashing machine. James Hyde, South Pembroke, N. Y.	Feb 8, 1825
Tannin, extracting. William Lowber, Philadelphia	March 15, --
Tanning, improvement in. H. Bretney, Lebanon, Ohio	March 24, --
Truss, conical spring. Jesse R. Hovey, Sangerfield, N. Y.	March 31, --
Teeth, sawing ivory comb. Philo Pratt, New York	April 20, --
Tanning, improvement on Demond's mode. Joseph Giles, Guilford, Vermont	April 11, --
Thrashing and flax breaking machine. A. and N. Remington, Genoa, New York	May 19, --
Thrashing and shelling machine. Pierson Reading, Trenton, N.J.	May 20, --
Thrashing machine. Richard Holden, Philadelphia	May 20, --
Truss, B. Farr's improvement on Hull's patent. Eli M. Gibbs, Norwich, New York	May 28, --
Thread of wood, machine for making. William Bell, Fayette county, Kentucky	June 1, --
Thrashing machine, improvement on S. Ballou's. J. C. Boyd, Rush township, and A. Kitchen, Danville, Pennsylvania	June 7, --
Thrashing machine. Wm. Hoyt, Brookville, Franklin county, Indiana	Sept 9, --
Thrashing grain. William Small, Augusta, Maine	Sept 9, --
Tire and hoop bending. Joseph Meredith, Lebanon, Penn.	Sept 9, --
Teeth, apparatus for keeping free from saliva. Charles Newton, New York	Sept 27, --
Tire, machine for bending. Charles Cooper and Abraham Tustin, Lebanon, Pennsylvania	Sept 28, --
Thrashing machine. Joseph Briggs, Schoharie, New York	Oct 5, --
Thrashing machine. R. Howard and J. B. Flagg, Kennebeck, Me.	Nov 5, --
Truss. Christian Stockman, Albany, New York	Nov 7, --
Tanning. Samuel Williams and Amos Williams, Orange county, New Jersey	Nov 12, --
Trusses, for ruptures. John Blagg, Portland, Maine	Dec 15, --
Thrashing machine. William Small, Augusta, Maine	Jan 10, 1826
Thrashing machine. J. A. Heermance, Redhook, New York	Jan 16, --
Temples, used for weaving. O. M. Stillman, Brookfield, N. Y.	Jan 30, --

Thrashing grain and hulling clover, machine for. Jos. Potter, Reading, Berks county, Pennsylvania	Feb 18, 1826
Thrashing grain and breaking flax and hemp, machine. D. Hurlburt, N. Etheredge and J. M'Combs, Herkimer county, New York	Feb 21, --
Tanning, improvement on. Leonard Jacobs, Richmond, Va.	March 1, --
Truss, spiral double cone. Bela Farr, Norwich, Chenango, N. Y.	March 21, --
Tailoring, improvement in the art of. Greenbury Ross, Carlisle, Kentucky	April 5, --
Toothed cultivator and harrow. Waldren Beach, Philadelphia	April 13, --
Tan vats, pump used in. Aaron Higgins, Florence, Ohio	April 24, --
Thrashing machine. John Shaw, Kennebec county, Maine	May 10, --
Thrashing machine. Seth Ballou, Livermore, Maine	May 25, --
Thrashing machine. Peirson Reading, Trenton New Jersey	June 3, --
Tire for wagons, &c. machine for bending. Walter James, Ashford, Windham county, Connecticut	June 19, --
Trip hammer, method of moving. Elisha Crowell, Gardiner, Maine	Aug 4, --
Thrashing machine. Arch. Douglass, Marcellus, New York	Sept 8, --
Thrashing and winnowing grain, machine for. Sylvanus C. Hersey, Rochester, New York	Nov 8, --
Trip hammer, improvement in the. Philip Pitts Read, Mercer, Maine	Dec 7, --
Thrashing machine. James Hyde, Pembroke, New York	Dec 9, --
Tobacco, kiln for drying. Edmund Pendleton, Louisa county, Virginia	Dec 18, --
Teeth, mode of engrafting. Elijah A. Bigelow, Brandon, Vt.	March 8, 1827
Temple for weavers, spring. A. Jenks and J. Clewell, Holmsburg, near Philadelphia	March 19, --
Tobacco, improvement in the manufacture of. J. Allen, jun. and Charles Geoghegan, Richmond, Virginia	April 3, --
Tubs, buckets, &c. machine for cutting out. Jer. Baily, Phil.	April 7, --
Tenoning spokes for wheels, machine for. David Sperry, Colchester, Connecticut	April 18, --
Turning lathe, improvement in the. Wm. Patrick, Leverett, Massachusetts	April 24, --
Thrashing machine. M. Pennock, Kennet Square, Chester county, Pennsylvania	May 26, --

U

Umbrella, improvement in the. William Gamble, Washington, District of Columbia	July 3, 1824
Umbrella and parasol, improvement in the. William Sleeper, Philadelphia	Nov 22, 1826

V

Vessels, improvement in maritime affairs. B. Wynkoop, Phil.	Sept 13, 1794
Ventilators, nautical. Benjamin Wynkoop, Philadelphia	June 29, 1795
Vessels, propelling. See <i>Boats</i> .	
Vessels, improvement in constructing and rigging. J. Garretson	May 29, 1797
Vessels' bottoms. See <i>Wood preserving</i> .	
Vessels, a machine for propelling. Charles Stoulinger	June 2, 1798
Vessels, heaving down, raising weights, &c. See <i>Machine for</i> .	
Veneering plough, for cabinet work. William Stillman	March 16, 1801
Vapour bath, portable. C. W. Peale, Philadelphia	July 16, --
Ventilator for ships, &c. See <i>Air pumps</i> .	
Vapour. See <i>Cooler and condenser</i> .	
Vegetable elixir or cough drops. S. Cooley, Bolton, Conn.	Nov 12, 1803
Vessels. See <i>Raising</i> .	

Vermifuge, mode of preparing.	Joseph Lehman, Philadelphia	Aug 11, 1807
Vitriolic test, for making bank bills.	A. Brewster, Hartford, Connecticut	July 11, 1808
Vegetable pulmonic, detergent.	G. Rogers, Northampton, Mass.	Dec 31, --
Varnish for leather.	John David, Philadelphia	May 5, 1809
Vaporem.	See <i>Steam engine</i> .	
Vibrating nail plates, whilst cutting.	J. Bernard, Troy, N. Y.	April 16, 1811
Verdigris, manufacturing.	Stephen Dempsey, New York	Feb 4, 1813
Varnish of gum elastic.	Jacob H. Hummel, Philadelphia	April 29, --
Vencer's machine for shaving.	Silvannus Bonnel, New Jersey	Feb 28, 1814
Valetudinarian cot chair.	John Mead, Albany, New York	March 18, --
Vessel, ball proof.	Thomas Gregg, Connellsville, Penn.	March 19, --
Vaccinator, Spring.	William Haslett, Baltimore	April 17, 1817
Vetrinary ventilated bath.	James Carver, Philadelphia	Aug 8, --
Verdigris, making.	George F. Hagner, Philadelphia	Oct 13, --
Violin, bass, &c. improvement in the.	Nicholas A. Lete, N.Y.	June 11, 1818
Velocipede, improvement in the.	W. K. Clarkson, jun. N. Y.	June 26, 1819
Violins, &c. construction of.	John Edwards, New York	Feb 17, 1820
Venereal disease, preventing the.	John Prentis, New London	March 27, 1822
Vaccination, improvement in.	James Smith, Baltimore	July 10, --
Ventilating vessels.	Charles W. Skinner, Norfolk, Virginia	Aug 23, --
Vessels, mode of setting up shrouds of.	Robert Rogers, Dover, New Hampshire	Feb 6, 1823
Vessels, mode of planking.	William Scarburgh, Darien, Geor.	May 19, 1824
Veneers, saws for cutting.	R. B. Richardson, Philadelphia	Oct 6, --
Vice, perpetual lever.	Calvin Wing, Gardiner, Maine	March 2, 1826
Varnish for leather, hewn stone, &c.	Marcus Curtis, Troy, N.Y.	April 22, --
Varnish for furniture, leather, hewn stone, &c.	Marcus Curtis, Troy, New York	April 22, --

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Wire, weaving of.	T. Kirk and R. Leslie, Yorktown and Phil.	May 9, 1792
Wind mill, improvement in.	Joseph Pope, Boston	Jan 26, 1793
Wheat, &c. machine for cleaning	B Tyler, New Hampshire	April 15, 1796
Wheat, &c. machine for thrashing.	William Booker	March 11, 1797
Wheel, tide water.	Silas Betts	March 18, --
Wood and vegetables, &c. a combination of estrigent.	F. Hitch	April 17, --
Window sashes, improvement in making.	Stephen Parsons	Nov 20, --
Wheel, spiral, for working in the tide water.	Elias Ring	Dec 10, --
Washing.	See <i>Cloths</i> .	
Watches.	See <i>Clocks</i> .	
Wind mills, improvement on.	Charles Holden	March 15, 1798
Water, a screw engine for throwing.	Elijah Ormsbee	March 21, --
Water, causing it to ascend from founts.	John Manning	April 10, --
Water, machine for raising	Marc Isambard Brunel	April 27, --
Water wheel flume for the improvement of large rapid streams.	Walter Brewster	June 7, --
Water, pipe and pump for conveying.	Mark Reeve	Dec 14, --
Wood, a method to preserve the bottoms of.	R. Peale	Dec 14, --
Wharves, vessels, and other wood from worms.	R. Peale	Dec 14, --
Wind mill, a method of regulating	Thomas Thomson	Jan 3, 1799
Water, a machine for raising.	Joseph Hemptley	Jan 10, --
Writing with two pens, a machine for.	M. I. Brunel	Jan 17, --
Wheel, improvement in the horizontal.	Ezekiel Reed	Feb 14, --
Water, obtaining force from by the help of steam.	S. Morey	April 24, --
Water engine, improvement on his.	Samuel Morey	April 24, --
Weight, raising.	See <i>Machine for</i> .	
Water, engine for throwing.	Patrick Lyon	Feb 12, 1800
Water force by steam.	See <i>Force obtained by water</i> .	
Water, machine for raising.	W. Palmer, New York	Aug 25, --

Windows, how hung without weights.	W. Young, Windham, Con.	Nov 20, 1800
Wheels within cylinders, mode of giving motion, &c.	J. Sharples	Sept 15, 1801
Wind mills, mechanical powers for the use of which.	J. Sharples	Sept 15, --
Wind mill, improvement in.	John A. Morton	Dec 16, --
Wind mill, improvement in.	R. Hathaway, Plymouth, Mass.	Jan 20, 1802
Wheat, machine for cleaning.	Stephen Stilwell	July 9, --
Window sashes, improvement in raising and supporting.	Leonard Kennedy	Sept 7, --
Water, machine for raising.	John Baptiste Aveilhe	Oct 14, --
Welding cast steel to iron, improvement in the manner of.	Daniel Pettibone, E. Chapman and J. Nichols	Dec 22, --
Water, machine for raising.	Benj. Cooley, Wheatley, Mass.	Feb 1, 1803
Wheel to turn under water.	Silas Bent	March 7, --
Wind mill.	See <i>Horizontal</i> .	
Wreck raft.	A. De Buc Marentille	March 18, --
Water, improvement in heating and boiling.	B. Platt	April 27, --
Wool, machine for breaking and carding.	B. Standring	June 23, --
Window sashes, mode of applying springs.	S. J. Camp, Norwalk, Connecticut	July 1, --
Wooden stills.	See <i>Distillation</i> .	
Water cock, improvement in.	George Youle, New York	Aug 25, --
Wheel press.	Hezekiah Betts, Norwalk, Connecticut	Sept 13, --
Wind mill.	See <i>Horizontal</i> .	
Wind mills, improvement in.	A. E. Paine, Harpersfield, N. Y.	Nov 19, --
Window sashes, improvement in fastening and supporting.	Jacob Osborn	Nov 24, --
Wind mill, improvement in.	William Bell, Camden, S. C.	Nov 25, --
Window springs.	James Curtis, jun.	Dec 10, --
Wheels, improvement in for various purposes.	John Staples, jun. Warren, Virginia	Feb 17, 1804
Window sashes, improvement in hanging.	W. W. Hopkins	Feb 24, --
Washing machine, improvement in.	Daniel S. Dean	Feb 29, --
Window fastenings or springs.	D. Miller, E. Haddam, Conn.	March 8, --
Watering cattle, machine for.	Moses Smith	March 16, --
Wry fly, improvement applied to mills.	Benjamin Tyler, Claremont, New Hampshire	March 19, --
Window sashes.	See <i>Springs</i> .	
Water, improvement in the raising of.	Benjamin Folger	July 7, --
Water, machine for raising from mills.	W. Harrington, Paris, Kentucky	Aug 28, --
Windlass for ships or vessels, improved.	H. Betts, Norwalk, Connecticut	Aug 29, --
Wind mill, improvement in.	Richard Weems, Annapolis	Sept 20, --
Wagens or carriage to be worked by hand.	John Bolton, jun.	Sept 29, --
Wind mill, improvement in.	W. Staunton, jun. Plymouth, N. H.	Dec 26, --
Window spring, improvement in.	Isaac Scott, New Haven	Dec 26, --
Water, machine for raising.	F. Lippart, P. O. Keetztown, Pa.	May 3, 1805
Washing and scouring machine.	A. Higham, Hudson, N. Y.	May 4, --
Water, machine for raising.	Seraphim Bellij, Baltimore	Nov 7, --
Washing machine.	William J. Fulsom and J. Hayden, Kennebeck, District of Maine	Dec 17, --
Water.	See <i>Spring pump for raising</i> .	
Welding cast steel to iron, mode of.	D. Pettibone, Roxbury, Connecticut	March 22, 1806
Washing machine.	See <i>Fulling mill</i>	
Water wheels for mills.	E. Hubbel, Middleburg, Vermont	May 1, --
Wind mill.	John Cooper, Philadelphia	May 22, --
Washing machine.	Reuben Buck	May 29, --
Water proof, method of rendering cloth.	James P. Weightman, Boston	Oct 21, --
Winding cotton, machine for.	D. Brown, jun. Warren, R. I.	Feb 5, 1807

Washing machine.	Richard R. Elliot, Watertown, Mass.	Feb 28,	1807
Washing machine.	Simon Willard, jun. Hudson, New York	April 25,	--
Washing, scouring, and churning machine.	Thomas Beatty	April 25,	--
Washing machine.	Josiah Cleveland, Franklin county, Penn.	June 6,	--
Washing machine.	Eben Jones, Berkshire county, Mass.	July 24,	--
Washing machine.	M. Lee and T Barber, Oneida county, N. Y.	Oct 1,	--
Water wheel, improvement in the.	Simon Willard, jun. Hudson, New York	Dec 1,	--
Washing machine.	William Wadsworth, Hartford, Conn.	March 15,	1808
Wheel to run under water.	John Johnson, Indiana Ter.	March 21,	--
Whalebone, mode of twisting for whips.	Joseph Reeve, Newburg, New York	April 25,	--
Washing machine.	Leonard Kennedy, Hartford, Conn.	April 26,	--
Washing machine.	Elain King, Johnstown, New York	May 14,	--
Whip saw, application of.	S. Barber and N. U. Tomkins, N. Y.	June 1,	--
Washing machine.	Martin Lee, New York	June 4,	--
Washing machine, churning, getting out clover seed, &c.	Robt. Patton, Columbia, Pennsylvania	June 13,	--
Washing machine, perpendicular.	E Jones, Alfred, Mass.	June 20,	--
Washing machine.	Asahel E. Paine, Delhi, New York	July 1,	--
Washing machine.	Enos Trescott, New Marlboro', Mass.	July 11,	--
Washing machine.	Sheron Henry, Bloomfield, New York	July 11,	--
Washing machine.	Thomas Osgood, Charleston, New York	July 11,	--
Washing machine.	Eben. Lister, Killingworth, Connecticut	July 11,	--
Washing machine.	Dudley Loomis and Ira	July 11,	--
Wind mill.	Uzziel Geer, Norwich, Connecticut	July 18,	--
Wheels, machine for making.	Jacob Coon, Granville, N. Y.	Aug 6,	--
Water, machine for elevating.	Wm. Smith, Gloucester, N. J.	Aug 12,	--
Washing machine.	S. W. Dana, Rutland, Vermont	Aug 30,	--
Wheel carriages.	Stephen Winchester, Newton, Connecticut	Aug 30,	--
Washing and churning machine.	Ditto ditto	Aug 30,	--
Washing and churning machine.	G. Bishop, Cazenovia, N. Y.	Sept 7,	--
Winnowing machine.	Randal Wallis, Baltimore	Nov 9,	--
Window sashes, machine for making.	J. Farnham, Oswego, N. Y.	Jan 7,	1809
Washing machine.	Septimus Tucker, Dublin, Pennsylvania	Jan 12,	--
Window shutters.	See <i>Fastening</i> .		
Washing machine.	Eli F. Hill, Onandago, New York	Feb 11,	--
Wheel, overshot strap or chain.	Richard Berrian, New York	Feb 13,	--
Washing machine.	A. Blodget, Amherst, Massachusetts	Feb 16,	--
Washing machine.	Joseph Yarwood, New Brunswick	March 11,	--
Washing machine.	Levi Anderson, Bristol, Pennsylvania	March 23,	--
Washing machine.	William Buckman, Ar. n Arundel, Md.	March 23,	--
Washing machine.	Garry Bishop, Madison county, N. Y.	April 17,	--
Washing machine.	Lemuel Bachelor, Vernon, New York	April 24,	--
Window sashes.	David Worthington, Hartford, Connecticut	April 27,	--
Water wheel.	William Stubs, Chillicothe	May 1,	--
Weaving straw with silk, &c.	Mary Keis, Killingly, Conn.	May 5,	--
Washing machine.	Orin Chatfield, Burlington, New York	May 15,	--
Washing machine.	Nicholas Van Zandt, Washington	May 21,	--
Washing and churning machine.	G. Osgood, Madison county, New York	June 7,	--
Washing machine.	Martin Lee, Burlington, New York	June 8,	--
Washing machine.	Isaiah Jennings, New York	June 13,	--
Wool carding machine.	Daniel Smith, Philadelphia	June 14,	--
Water tables, for doors, &c.	Nathaniel Briggs, Windham, Vt.	June 17,	--
Water back and tewel for smiths.	O. Ames, Plymouth, Mass.	June 24,	--
Washing machine.	Thomas Pierce, Fishkill, New York	June 24,	--
Worm boiler.	James Truman, Philadelphia	June 24,	--
Washing machine and press.	Amos Hosford and Ezekiel Kelsey, Berlin, Connecticut	June 27,	--
Washing machine.	Timothy Freeman, Madison county, N. Y.	June 28,	--

Wheat rubber. James Deneale, Dumfries, Virginia	July 1, 1809
Wire work, machine for weaving. P. Bernard, Whitestone, N. Y.	July 7, --
Wood screws. See <i>Screws</i> .	
Washing machine. Shubael Kimball, Rhinebeck, New York	Aug 12, --
Wheel to operate by wind or water. W. L. Bakewell, New Haven, Connecticut	Aug 18, --
Wheel, mode of casting for clocks. Lemuel J. Kilburn, Penn.	Oct 13, --
Washing machine. Rozel Philips, Otsego, New York	Oct 14, --
Washing machine. Robert Robinson, Leesburg, Virginia	Nov 3, --
Water wheel, horizontal. David Parmalee, Reading, Conn.	Nov 20, --
Wells, mode of sinking. Peleg Easton, Nantucket, Mass.	Feb 1, 1810
Washing machine. Sylvester Noble, Hosick, New York	Feb 1, --
Weaving machine. Walter Janes, Ashford, Connecticut	Feb 16, --
Windows. See <i>Spring boll</i> .	
Whip saw. See <i>Saw</i> .	
Water wheels for mills. J. Minor, Saratoga, New York	April 2, --
Wheel wright's labor saving machine. M. Battle, New York	April 4, --
Washing and churning machine. J. Roberts, Germantown, Pa.	April 25, --
Wind mills. Russel H. Wright, Boston	April 25, --
Wire winding and spinning. Henry Burke, Philadelphia	June 18 --
Washing machine. Isaac Loof borrow, New York	June 26, --
Winding machine for weavers. Levi Ruggles, Boston	Aug 16, --
Winding machine for weavers. Walter Janes, Ashford, Conn.	Aug 20, --
Writing, teaching the art of S. Warren, Randall, R. I.	Oct 1, --
Washing machine William Jackson, Painsville, Ohio	Oct 8, --
Water wheel. Pindar Antrim and Samuel Bolton, Philadelphia	Nov 1, --
Windlass and capstan. John Calvin, Philadelphia	Nov 6, --
Water, machine for raising, &c. Jos. Clap, Montague, Mass.	Nov 21, --
Water wheel. Aaron Reuck, Chilicothe, Ohio	Dec 5, --
Washing machine. Daniel Robinson, Franklin, New York	Dec 15, --
Window springs. George Cannon, Nantucket, Massachusetts	Dec 27, --
Water boiler and steam still. P. Bernard, Whitestown, N. Y.	Jan 16, --
Wood, preserving in salt water. Robert Lloyd Nicholas, Easton, Talbot county, Maryland	Feb 23, --
Wheat. See <i>Starch, &c</i> ,	
Wheel, tide mill. D. Wheeler, Bristol, Massachusetts	March 2, --
Warming rooms. B. Russel, Hartford, Connecticut	March 4, --
Wind wheel, horizontal bellows. D. Van Vorhees, Long Island, New York	March 21, --
Water wheel, spiral. B. Schoolfield and W. Stanton, Lynchburg, Virginia	April 26, --
Water wheel, raising or lowering. M. Andrews, Kennebeck, Massachusetts	May 4, --
Weighing machine. Thomas Arnat, Philadelphia	May 10, --
Writing instrument. Ezra L. Miller, Charleston, S. C.	May 11, --
Window sashes. John Ballthorp	May 22, --
Washing machine. D. Duncan, Upperville, Loudoun county, Va.	May 23, --
Water wheel, horizontal. John Osburn, jun. Litchfield, Conn.	May 29, --
Water blast. Joseph Ruggles, New Milton, Connecticut	June 6, --
Water wheels, machine for two. Luke C. Hinman, Luther Bis- sel and Moses Barns, Otsego, New York	June 7, --
Wheel head, accelerating. A. Putnam, Philadelphia	July 20, --
Wooden springs for carriages. L. Somner, Downingtown, Pa.	July 22, --
Wear for catching fish. Hawley Emerson, Hancock	Aug 14, --
Wool picker. Michael Morrison, Boston	Aug 15, --
Weaving. N. and P. Miller, Franklin, Massachusetts	Aug 20, --
Weaving. Joseph Atkinson, Amherst, Massachusetts	Sept 5, --
Wool, machine for drawing and spinning. William Humphreys, Humphreysville, Connecticut	Oct 4, --
White lead, washing. Samuel Witherille, jun. Philadelphia	Oct 29, --
White lead setting the beds, &c. Ditto ditto	Oct 29, --

White lead, screening in water. Samuel Witherille, jun. Phil.	Nov 1, 1811
White lead separating the oxidated from the metallic. Samuel Witherille, jun. Philadelphia	Nov 1, --
Water wheel. Elisha Mack, Sheffield, Massachusetts	Nov 2, --
Water gate, balance. William Maher, Rome, New York	Nov 12, --
Welding scrap iron, &c. B. King, Washington City	Nov 15, --
Wire. See <i>Rolling</i> .	
Writing, mode of teaching. S. Randall, Warren, R. I.	Jan 11, 1812
Weaving, the art of. J. Rood, Canterbury, Connecticut	Jan 23, --
Whirl and regulator for flax. C. Crafts, Woodbury, Conn.	Feb 10, --
Washing machine W. Stanton, Lynchburg, Campbell county, Virginia	May 12, --
Warming rooms. Daniel Pettibone, Philadelphia	May 12, --
Water, hydraulic for raising. W. Schultz, Philadelphia	May 26, --
Washing and churning machine. Z. Phiney, Cairo, N. Y.	June 19, --
Water gate, shutting the. Amos Bolton, Fauquier, county, Va.	June 19, --
Washing machine. Joseph Palmer, Brookfield, New York	Aug 21, --
Wharves, constructing. John Butler, Baltimore	Sept 9, --
Wire, machine for making. Wm. Wadsworth, Hartford, Conn.	Oct 6, --
Wool carding machine G. Both, Poughkeepsie, New York	Oct 13, --
Wire, machine for drawing. Jacob T. and Thos. Walden, N. Y.	Oct 31, --
Wine, converting cider into. Henry Seabolt, Scipio, N. Y.	Nov 11, --
Water mills. Samuel Browder, New York	Nov 27, --
Wheel heads. William H Peabody, Woodbury, Connecticut	Dec 14, --
Washing machine. Erastus Denison, New Lisbon, New York	Dec 30, --
Water, raising from wells. George Patterson, Philadelphia	Feb 6, 1813
Wool spinner. See <i>Perpetual</i> .	
Wool for worsted, preparing. Joseph Bamford, Philadelphia	March 18, --
Wheel head. Eli Church, Horner, New York	March 18, --
Winnowing machine. John James, 3d, Plymouth, Mass.	May 4, --
Washing machine. John F. Whipple, Easton, New York	June 10, --
Wheels, machine for making. Melzor Hunt and Cotton White, Hartford, Mass.	June 15, --
Washing machine. Josiah Hotchkiss, Woodbury, Conn.	June 18, --
Washing machine. Silas Hitchcock, Vernon, New York	June 25, --
Water mill. Jacob Perkins, Newburyport, Mass.	June 26, --
Weavers' lathe. John Drummond, New York	July 24, --
Weavers' beams. Goliah Williams, North Providence, R. I.	Aug 24, --
Wine from cider. Ezra B. Corkings, Bristol, New York	Oct 9, --
Window sashes, bolt for. Nathaniel Briggs, New York	Oct 13, --
White lead making. Alexander James Hamilton, New York	Nov 8, --
Wooden springs Luke H. Thrall, Troy, New York	Nov 10, --
Weights, applied to machinery. Peter Obert, New York	Nov 18, --
Weaving millinett, &c. Stephen Steward, Cheshire, N. H.	Nov 31, --
Wheel head David Loring, Canandaigua, New York	Nov 31, --
Water mills. John Owings, Baltimore	Jan 25, 1814
Washing machine. John Gray, Eaton, New York	Feb 4, --
Water, machine for raising. Jacob Hartman, Lampeter, Penn.	March 31, --
Wheel for spinning, &c. Emery Russel, Long Meadow, Mass.	April 18, --
Wheel heads. Emery Russel, Long Meadow, Mass.	April 18, --
White lead. Elisha D. Butts, Baltimore	May 5, --
Water wheel, improvement on Farnham's. David Cooper, Jericho, New York	May 12, --
Washing machine. Eliphalet Jaques, Newburyport, Mass.	May 24, --
Wood sawing. Benjamin Hoadley, Waterbury, Con.	June 14, --
Weeding machine. Charles Hill, Essex county, Virginia	July 7, --
White lead, manufacturing. J. Welsh and T. Evans, Phila.	Aug 15, --
Winding spool, &c. Augustus C. Sherewood	Oct 18, --
Wadding cotton. James Beaumont, Canton, Mass.	Dec 3, --
Wheel head, linen. B. Smith and Chas. Stewart, Truxton, N. Y.	Dec 8, --
Water wheel, horizontal. W. Cornwall, Orancock, Virginia	Dec 15, --

Wooden springs for carriages. Levin Brickhead	-	Dec 30, 1814
Weaving, spooling, and winding. Eben Stowell, Middlebury, Ver.	-	Feb 28, 1815
Warping machine. Thomas Siddel, Germantown, Penn.	-	March 27, --
Water wheel. George Peck, Whitestown, New York	-	April 26, --
Washing machine. Joshua Lane, Homer, New York	-	May 15, --
Water used on wheels successively. A. Danielson, Otsego N. Y.	-	May 16, --
Whiskey making. Silas Smith, Genesee, New York	-	May 23, --
Water wheel, horizontal. James Wood, Mount Pleasant, N. Y.	-	June 19, --
Wind and water wheel. Jonathan Reynolds Dutchess co. N. Y.	-	June 24, --
Water wheel, applying. Asa Jellson, Roxbury, Mass.	-	July 17, --
Wheel, vertical horse. John A. Morton, Baltimore	-	July 21, --,
Wool, machine for spinning and roping. Samuel Learned, Wattertown, Massachusetts	-	Aug 3, --
Wheels, carriage. B. L. Greenough, Lebanon, N. H.	-	Aug 12, --
Water wheel, horizontal R. A. Donaldson and J. L. Wheeler, Newark, New Jersey	-	Sept 25, --
Weights, iron. Alven Babcock, Boston	-	Nov. 6, --
Washing machine. Christ. Seebold, New Berlin, Penn.	-	Feb 1, 1816
Water wheel, overshot. John Green, Virginia	-	March 5, --
Winding yarn. Paul Moody, Boston	-	March 9, --
Wheel head. David Lee, Guilford, Conn.	-	May 6, --
Water wheel. Silas Dalie, Cumberland, Mass.	-	May 28, --
Weaving. Ira Draper, Weston, Mass.	-	June 7, --
Weights, propelling boats by. Moses Martin, Woodbridge, New Jersey	-	July 8, --
Willard's time-piece, improvement in. L. Curtis, Concord, Massachusetts	-	July 12, --
Windmill, improvement in. James Barron, Elizabeth City, Va.	-	July 18, --
Winder, socket and bobbin. John Thorp and S. Shepard, Taunton, Mass.	-	Oct 14, --
Water marks in paper. J. Perkins and T. Gilpin, Philadelphia	-	Dec 18, --
Water wheel. Wm. Purnell, Giles co. Tennessee	-	Jan 10, 1817
Weights, machine for raising. Henry Nold, Bucks co. Penn.	-	Jan 22, --
Water, rendering pure. S. Griffith, Stephenson, Rensselaer county, N. Y.	-	Feb 1, --
Water power, applied to machinery. Meredith Malloroy, Benton, Ontario, New York	-	March 3, --
Water wheel, tide and current. Samuel Morey, Oxford, N. H.	-	March 13, --
Water wheel, tide and current. Benjamin Thomas, Washington, District of Columbia	-	March 20, --
Window blinds. George Munger, Cambridge, Maryland	-	March 26, --
Water wheel. Theodore Burr, Burr Haven, Dauphin county, Pennsylvania	-	April 3, --
Water wheel. Ira Griswold, Granby, Connecticut	-	April 16, --
Water wheel, perpetual James Widdifield, Philadelphia	-	April 21, --
Window and door frames. Randolph Ross, Baltimore	-	April 30, --
Water, mode of letting on a wheel. J. Smith, Queen's county, New York	-	July 1, --
Water wheel. Amos Thayer, Albany, New York	-	July 7, --
Weaving, preparing yarn for. H. P. Franklin and W. B. Winsor, Providence, Rhode Island	-	Aug 8, --
Wells, sinking. Eben. Hilyard, Philadelphia	-	Sept 10, --
Water, raising and forcing. L. T. B. and S. E. Morse, Charlestown, Massachusetts	-	Oct 3, --
White lead, making of. George F. Hagner, Philadelphia	-	Oct 13, --
Wheel, horizontal inclined. M. Isaacs and John Wilbanks, Phil.	-	Oct 14, --
Water wheels. Charles Agustine Busby, New York	-	Oct 25, --
Water burner, American. Samuel Morey, Oxford, N. H.	-	Dec 11, --
Wood, seasoning. James Ronaldson, Philadelphia	-	Feb 2, 1818
Winnowing machine. Ed. and John Brooks, Wilmington, Del.	-	Feb 2, --

Water proof stiffening for hats. A. and G. V. Raymond, Balt.	Feb 7,	1818
Water wheel, spiral screw. Alex. D. McKamy, West Tennessee	Feb 10,	--
Wheel trailing. John Read Lime, Connecticut	March 6,	--
White lead. Edward Clarke, Philadelphia	March 28,	--
Weaving. Stephen Armstrong, Poughkeepsie, New York	April 7,	--
Weaving machine. David Grieve, Providence, Rhode Island	April 11,	--
Water wheel. John Evans, Davics county, Indiana	April 21,	--
Waste steam. John H. Morton, Thomas Bodley and Robert Huston, Lexington, Kentucky	April 28,	--
Wooden springs for carriages. James Greenwood, New Castle, Delaware	April 28,	--
Water, new mode of applying as a power. A. Thayer, Albany, New York	May 1,	--
Water wheel. Amos Thayer, Albany, New York	May 1,	--
Water wheel. John Edwards, Urbana, Ohio	May 25,	--
Water tew iron. Gideon Davis, Sandy Spring, Montgomery county, Maryland	May 26,	--
White lead. Joseph Richards, Philadelphia	May 28,	--
Wind wheel. Moses Isaacs, Camden, N. J. near Philadelphia	May 28,	--
Wheel for propelling boats. John Sayward Trott, Boston	June 2,	--
Writing. See <i>Tachygraphy</i> .		
Weights, machine for raising. S. Gray, Madrid, New York	July 15,	--
Water wheel, called the boat wheel. H. Brown, Lebanon, Ohio	July 24,	--
Wooden springs. James Clark, Kent county, Delaware	July 31,	--
Washing machine. James Barnet, Providence, Rhode Island	Sept 15,	--
Winnowing machine, improvement in the. Thomas Beatty, Washington	Oct 5,	--
Window springs, improvement in. Gideon Drake, Hartford, Conn.	Oct 26,	--
Water wheel, improvement in the. Arthur Henrie, Miami, Ohio	Oct 28,	--
Water tew iron. W. Barker, Luzerne county, Pennsylvania	Nov 10,	--
Winnowing machine, improvement in the. J. Bromwell, Balt.	Nov 26,	--
Water burner, improvement on Morey's. J. L. Sullivan, Bost.	Dec 11,	--
Wheel, improvement on the double stem. J. L. Sullivan, Bost.	Dec 10,	--
Water burner, improvement on his. J. L. Sullivan, Boston	Dec 19,	--
Water wheel, improvement on. Asa Waters, Millbury, Mass.	Dec 22,	--
Wooden jack screw. Z. Bunker, Guilford county, N. C.	Feb 3,	1819
Wheat, machine for cleaning garlic, &c. from. Thomas Wilson, Baltimore county, Maryland	Feb 8,	--
Wheel, chain water. Henry Beidleman, Washington county, Va.	Feb 8,	--
Winnowing machine. Horatio Watkins, Washington county, Maryland	March 18,	--
Wheel, shovel and scraper. Nathan Whiting, Chester, Vt.	March 19,	--
Water wheel, improvement in the. T. Eames, Newbury, Vt.	April 29,	--
Washing machine. Beardley Hendryne, Springfield, N. Y.	May 6,	--
Window springs. Hezekiah Salisbury, jun. Brattleboro', Vt.	May 24,	--
Water, mode of raising. John Ambler, New Berlin, Chenango	May 26,	--
Wheel, horizontal. George Deming, Burlington, Vt.	July 22,	--
Winnowing machine for wheat, &c. E. Tisdale, Herkimer county, New York	July 31,	--
Wheel barrow. Jeremiah Bainard, Rome, New York	Aug 26,	--
Weaving, improvement in. J. H. Pierson and James S. Simmons, Rockland county, New York	Dec 31,	--
Wheat, machine for washing and drying. Samuel Martin and Z. Chapin, Ontario county, New York	Jan 18,	1820
Water wings, for propelling boats, &c. J. J. Dyster, Balt.	Feb 9,	--
Watch chains, machine for making. Samuel Keplinger, Balt.	May 4,	--
Water and coal, machine for drawing. Edmund C. Dauley, Fredonia, Indiana	May 12,	--
White wash brush. Elijah S. Curtis, Charleston, Mass.	June 2,	--
Watch chains, machine for making. John Hatch, Baltimore	June 5,	--
Water wheel. Elisha Hall, Baltimore	July 5,	--

Wheel, spiral helm. Robert P. Cunningham, Pomfret, Conn.	Aug 3, 1820
Washing machine. Benjamin Cox, Hadley, Massachusetts	Aug 15, --
Wire screens for cleaning rice. N. and D. Sellers, Philadel.	Aug 16, --
Weighing machines. Eli Wadsworth, Hartford, Connecticut	Sept 7, --
Wheel, tide. N. Gates and Alexander Maxwell, New York	Sept 13, --
Water wheel. James Price, New York	Oct 2, --
Water wheel. David Beauchamp, Elizabethtown, Virginia	Oct 10, --
Wind mills, improvement in. P. Ettienne, New York	Oct 14, --
Winnowing machine. Josiah Brown, New London, Conn.	Nov 29, --
Weaving, improvement in the harness for. M. Chandler and E. Brown, Cazenovia, New York	Jan 26, 1821
Water wheel, horizontal pedal. John James Giraud, Balt.	Feb 5, --
Wind and water wheel, improvement in the. William Gallup, Norwalk, Ohio	March 29, --
Warping and weaving cotton goods. James Morgan, Balt.	April 6, --
Winnowing machine. Daniel Donchoe, New York	April 16, --
Wheel, head linen spinning. J. S. Stuart, Springfield, N. Y.	April 19, --
Water wheel, oblique. Ralph Bulkley, New York	Aug 7, --
Whale's blubber, machine for mincing. Benj. Taber, Fairhaven, Massachusetts	Aug 11, --
Water, machine for raising, by weight. J. Altoffer and Wm. Bushnell, Harrisburg, Virginia	Aug 30, --
Water wheel right and left. Ralph Bulkley, New York	Oct 8, --
Washing machine, improvement in the. James Barron, Virginia	Dec 7, --
Water, machine for raising. N. N. Dettrehan, Charles Parish, La.	Dec 13, --
Waterwheel, improvement in the horizontal. H. Howard, Wooster, Ohio	Dec 26, --
Washing machine, improvement in the. Pascal Cady, Brooklyn, Connecticut	Jan 17, 1822
Wire, improvement in drawing card. Russel Prouty, Spencer, Massachusetts	Jan 19, --
Window shutters and blinds, fastening. Bernice West and Philander Soper, Rome, New York	Jan 31, --
Wheel, polygonal, chain, paddle, &c. Tim. Elmer and Azel Pierson, Bridgetown, New Jersey	Jan 31, --
Waistcoats, pantaloons, &c. making. Charles Herwick, N. Y.	Feb 8, --
Window curtains, improvement in. Henry Andrew, N. Y.	March 6, --
Winnowing machine. Harry Beadle, Wallingford, Conn.	March 30, --
Washing machine and for grinding. James Justin, Pittsburg, Pa.	April 19, --
Water wheel, improvement in the tide. Robert Seal, Delhi, N. Y.	May 31, --
Washing machine, improvement in the. Francis Goucher, Phil.	June 15, --
Wind mills, improvement in. William Phoebus, New York	June 24, --
Wheels for carriages. John Whitaker, Dingman's Ferry, Penn.	June 24, --
Wool picker, improvement in the. Beria Brown, Exeter, R. I.	Sept 2, --
Window sashes, self-balancing. Francis Follot, Petersburg, Va.	Oct 15, --
Washing machine, improvement in the. David Watson, Fayette, Maine	Oct 15, --
Water, elevators for raising. Social Rolph, Albany, N. Y.	Nov 16, --
Water wheel, improvement in the inclined horse and water. Lee Wheeler and Timothy Powell, Coxackie, New York	Dec 6, --
Wind mills, improvement in the machinery of. John Gue, Waterford, New York	Dec 31, --
Water wheel, improvement in the vertical. John Maze, Greenbrier county, Va.	Jan 10, 1823
Wind mill, improvement in the. Jesse Mollineux, North Hampstead, New York	Jan 24, --
Water wheel, improvement in the. Adolphus Allen, Troy, Penn.	Feb 8, --
Water, improvement in raising. Littlebury H. Mosby, Powhatan county, Virginia	Feb 15, --
Wheat, machine for cleaning smut from. Daniel Pease, jun. Windfield, New York	Feb 27, --

Wheel, to prevent ropes, &c. from slipping. James Cooper, Augusta county, Virginia	- - - - -	June 17, 1823
Window sash, machinery for making. Amos Miner, Elridge, N. Y.	- - - - -	July 9, --
Washing machine, improvement in the. Isaac Leavitt, Turner, Me.	- - - - -	Aug 12, --
Washing machine, improvement in the. A. Glendening, Butler county, Pennsylvania	- - - - -	Sept 25, --
Warming beds, mode of. Peter Lannay, Baltimore	- - - - -	Nov 11, --
Wheel made to supersede the crank. James Stedwell, 3d, Car- mel, Putnam county, New York	- - - - -	Nov 25, --
Water wheel, made of iron. P. J. Schuyler, E Hitchcock and D. Hitchcock, Stillwater, New York	- - - - -	Dec 20, --
Ware, improvement in making all kinds of. Robt. U. Richards, Winchester, Connecticut	- - - - -	Feb 19, 1824
Water wheel, revolving paddles for. Syl. Guernsey, Fenner, N. Y.	- - - - -	April 12, --
Wheel, elbow. Ralph Bulkley, New York	- - - - -	April 24, --
Wheel head, improvement in the accelerating. Diana H. Tuttle, Williamson, New York	- - - - -	May 17, --
Washing and scouring machine. W. Cahoon, Windfield, N. Y.	- - - - -	June 15, --
Washing machine, revolving. Eben. Dewey, Butternuts, N. Y.	- - - - -	June 24, --
Weaving, cam motion in. C. Whiting, J. Goulding, W. Janes, Dedham, Massachusetts	- - - - -	June 25, --
Watering cattle. Adolphus Allen, Troy, Pennsylvania	- - - - -	July 10, --
Washing machine. Andrew Glendening, Loudoun county, Va.	- - - - -	Sept 9, --
Wheel barrows for brick. Nat. Tufts, 2d, Charlestown, Mass.	- - - - -	Sept 13, --
Window shutters, fastenings for. Nathaniel Briggs, N. Y.	- - - - -	Oct 21, --
Weights, machine for raising. Almorán Holmes, Boston, Mass.	- - - - -	Oct 21, --
Water wheel, mode of letting on water. Samuel Sperry, Nash- ville, Tennessee	- - - - -	Nov 9, --
Washing machine. John West, Middletown, Connecticut	- - - - -	Dec 14, --
Water, or tide wheels, improvement in. T. B. V. Gaasbeck and D. Sands, Poughkeepsie, New York	- - - - -	Dec 24, --
Wire, harness for weaving. Elisha Allis, Cazenovia, N. Y.	- - - - -	Dec 30, --
Washing machine, lever. R. Wheeler, Vergennes, Vermont	- - - - -	Feb 26, 1825
Wheel, for carriages. William Cooper, Columbia, S. C.	- - - - -	March 3, --
Water, mode of raising. Darius Comstock, Lockport, N. Y.	- - - - -	March 15, --
Water wheel, horizontal. Eben. Thompson, Manchester, N. Y.	- - - - -	March 24, --
Water wheel, horizontal. O. Latham, L. Bennet and J. Green, Oneida county, New York	- - - - -	May 28, --
Wool and cotton, machine for roping and spinning. Francis Burdick, Kortright, New York	- - - - -	May 30, --
Water, mode of raising. Scott Fickett, New York	- - - - -	June 11, --
Woodeu ware, machine for making. L. Z. Parke, Windham, N. Y.	- - - - -	June 14, --
Window and bed curtains, mode of manufacturing. Samuel Abbot and Joseph Prentis, Chester, Massachusetts	- - - - -	Aug 23, --
Window shades, &c. machine for making. Rufus Conant, Lynn, New Hampshire	- - - - -	Sept 9, --
Warming rooms, mode of. William Baker, Springfield, N. Y.	- - - - -	Sept 9, --
Water wheel, horizontal. Abraham Lippitt, Windsor, Ohio	- - - - -	Nov 2, --
Water from wells, drawing. Elijah Willard, Egremont, Mass.	- - - - -	Nov 2, --
Washing machine. Moses J. Clark, Auburn, New York	- - - - -	Nov 8, --
Water and sawing timber, machine for raising. John Winter, Brutus township, New York	- - - - -	Nov 15, --
Weavers' harness, making metal eyes for. J. Conger and L. Woodbury, Locke, New York	- - - - -	Nov 15, --
Washing machine. Shelbern Bostwick, Thompson, Ohio	- - - - -	Dec 8, --
Washing machine. Oliver Deane, Walpole, Massachusetts	- - - - -	Jan 11, 1826
Washing machine. Willard Foster, Oswego, New York	- - - - -	Jan 25, --
Water from wells, drawing. Jeremiah Dexter, Salisbury, Conn.	- - - - -	Jan 27, --
Washing by steam. Junius Smith, London, England	- - - - -	Jan 28, --
Ways for drawing up vessels. Amasa Miller, New London, Conn.	- - - - -	Feb 8, --
Weaving wire, power loom for. John S. Gustin, New York	- - - - -	Feb 23, --

Washing machine. Edward Thurston, Burlington, Vermont	March 3, 1826
Window shutters and doors, fire proof. J. Brown and George W. Robinson, Providence, Rhode Island	March 16, --
Wheels, machinery to supersede. J. Cooper, Staunton, Va.	March 22, --
Washing machine. Richard V. Mudge, Deerham, New York	April 12, --
Weaving wire harness. Ezra Brown, Cazenovia, New York	April 12, --
Washing machine, rocking. J. G. Philip, Kinderhook, N. Y.	April 12, --
Water wheel, conical. Roswell Wilcox, Franklin county, N. Y.	April 19, --
Water wheels, relieving from back water. Jare Benedict, Fabius, New York	May 10, --
Water wheels and flumes, constructing. Asa Messer, Providence, Rhode Island	May 18, --
Wind mills, in the construction of. W. Coburn, Gardiner, Me.	June 1, --
Well bucket, mode of emptying the. Elijah Willard, Egremont, Massachusetts	June 15, --
Water wheels, mode of applying water to. D. M. Kenzie, M. L. Baker, S. Dear, J. M'Naughton, Caledonia, New York	June 19, --
Washing machine, improvement in the. S. Church and Hiram Clark, Utica, New York	July 6, --
Water wheels, mode of letting the water on. Thomas Keys, Henry county, Georgia	July 18, --
Wind mills, improvement in. Moses Pady, Ontario, N. Y.	Aug 31, --
Wheels, improvement in for boats. John J. Giraud, Balt.	Sept 15, --
Water from wells, mode of drawing. Elijah Willard, Egremont, Massachusetts	Oct 23, --
Water wheel for propelling boats. Benjamin Raymond, jun. Beverly, Massachusetts	Nov 13, --
Washing machine, improvement in the. Burroughs Beach, N. Milford, Connecticut	Nov 24, --
Washing machine. David G. Dunham, New Brunswick, N. J.	Dec 7, --
Wheel for propelling boats, paddle. Wm. F. Kearsing, N. Y.	Dec 8, --
Wool and other fibrous substances, manufacturing. J. Goulding, Dedham, Massachusetts	Dec 15, --
Water and other fluids, heating and boiling. George J. Payne, Lockport, New York	Dec 27, --
Wheels for carriages, making the hubs of. Garretson Lyon, N.Y.	Dec 28, --
Water for cattle, machine for drawing. I. Willbur, Madison, N.Y.	Dec 28, --
Wind mill, improvement in the. T. P. Jones, New Castle Del.	Feb 6, 1827
Wheelwrights' assistant. John Sitton, Pendleton, S. C.	Feb 15, --
Washing machine, improvement in the. Chester Stone, Middlebury, Connecticut	Feb 17, --
Watch seals, improvement in making. S. Davis, H. and P. Babbit, and B. P. Grinnell, Providence, Rhode Island	March 3, --
Water wheel for saw mills. Thomas Shute, Tennessee	March 6, --
Wheelwrights' assistant. Cyrus W. Beach, Schoharie, N. Y.	March 16, --
Watch keys, improvement in making. Joseph S. Davis, Providence, Rhode Island	April 3, --
Wood, machine for the use of those who work in. Jeremiah Baily, Philadelphia	April 7, --
Water wheel for steam boats. R. L. Stevens, Hoboken, N. J.	April 10, --
Wool, &c. improvement in the manufacture of. John Goulding, Dedham, Massachusetts	April 27, --
Water wheel, mode of letting the water on. Robert and Thos. T. McCulloch, Albemarle county, Virginia	May 26, --

Y

Yellow paint, mode of preparing. B. A. Carrendeffez, N. Y.	Sept 2, 1806
Yarn beam for looms. Simeon Pette, Foxboro', Mass.	June 15, 1813
Yarn, machine for sizing and dressing. Paul Moody, Watham, Massachusetts	Jan 17, 1818

SUPPLEMENT

TO THE

LIST OF PATENTS CONTINUED.

FROM JUNE, 1827, TO APRIL, 1828.

A.

ANTHRACITE coal, culinary vessels for.	Jacob F. Walter, Phil'a	June 8, 1827.
Artificial stone, mode of making.	R. McKay, D. McKenzie, and Jos. Woodhull, New-York	Jan. 16, 1828.
Apple grater, improvement in the.	Uri. Emmons, New-York	Feb. 13,
Archimedean screw, in the.	Perry Harris, Preble c'y, Ohio,	March 25,
Axle, in the common carriage.	D. W. Phillips and W. Maker, Govington, New-York	April 23,
Atmosphere propelling engine.	Edward Allen Talbot, Dublin, Ireland	June 21,

B.

Bricks, machine for pressing.	James McDonald, New-York	April 24, 1827:
Boilers, impt in the steam engine.	John Poole, Sheffield, England	May 14,
Boilers,	Do. Ebenezer A. Lester, Boston,	May 14,
Bedstead, impt. in the portable.	Jacob Daley, Baltimore	May 14,
Bridges, impt. in building wooden.	Garner Wilkinson, White Creek, New-York	May 15,
Bridges, in making the ribs or arches of.	John P. Bakewell, Pittsburg, Pennsylvania	May 15,
Brick, machine for pressing.	John Howe, Alma, Maine	May 18,
Blower, impt. in the coal grate.	R. Fuller and Thomas Thomas, New-York	May 22,
Boilers for steam engines, impt. in.	Isaac Doolittle, Bennington, Vermont	June 1,
Bellows, impt. in	Jesse Dixon, Pittsboro' Chatham county, N. C.	June 11,
Boring earth, machine for.	John R. Frailing, Canajoharie, New-York	June 13,
Boats, impt in the means of transporting from one canal to another.	Robert P. Bell, of New-York	July 13,
Buildings, impt. in the mode of moving.	Simeon Brown, of N. Y.	July 31,
Bed sackings, impt. in the mode of tightening.	John K. Simp- son, Boston, Massachusetts	Aug. 10,
Boats, impt. in the combination of.	Thomas Thorpe, City of Washington	Aug. 31,
Brick and tile, machine for moulding.	E. Fisk and B. Hinkley, Fayette, Maine	Sep. 8,
Balance, impt. on Dearborn's patent.	Samuel Blaisdel, Lancaster, Ohio	Oct. 10,
Bucket, impt in the vertical.	Stacy Costill, Philadelphia	Oct. 17,
Bobbin tube, for spinning, impt in the.	Benjamin Hutchinson, Philadelphia	Oct. 18,
Barrels, hogsheads, &c. machine for making.	William and Mar- cus Adams, Ogden, New-York	Jan'y 24 1828.
Brick, impt. in the machine for making.	David Rising, Colches- ter, New York	Jan'y 29,
Bending sheet iron, for boilers, &c.	Calvin Post, Spring Post, New-York	March 11,
Boring rocks, in the machine for.	Isaac Overall, Liberty, Smith County, Tennessee	March 14,
Brick, in the mode of moulding, &c.	David Flag, junior, Gardi- ner, Maine	March 19,
Bark, in the machine for grinding.	Aaron Bull, Caroline, N. Y.	March 27,
Bellows or blowing machine, in.	Eljah Brady, Mount Pleasant, New-York	April 3,

C.

Carriages, impt. in riding wheel.	Wm. and Josiah Jessop, Guil- ford county, North Carolina	June 1, 1827.
Cheeses, applying nets to pine apple.	L. M. Norton, Litchfield, Connecticut	June 4,

Churning butter and pumping, machine for. Nathan Whitney, Augusta, Maine	June 7, 1827.
Cider, ma. for grinding apples for, or for mixing mortar. Thomas Streeter and James S. Wilbert, Chili, New-York	June 12,
Cork cutter, impt. in the. Luther Hills, Boston	June, 18
Crimping boots, impt. in the mode of. Samuel Morehouse, Eastport, Maine	June 19,
Cements for roofs or walls of buildings from impt. Charles Clinton, of New-York	July 13,
Canals, mode of conveying earth or other substances; the bottom of. Oliver Phelps, Lausing, Tompkins c'y, New-York	July 16,
Crane, impt in the portable. Ezekiel Mann and Geo. Hill, Rochester, Monroe county, New-York	July 21,
Cordage, impt. in the mode of making. Robert Graves, Brooklyn, New York	July 25,
Canal boats, impt in the mode of passing. Robert Graves, Brooklyn, New-York	July 26,
Cutting wheat, &c. impt. in the machine for. Laban Durham and John S. Pleasants, of Halifax county, Virginia	July 28,
Coach alarm, impt in the. Walter Hunt, New York	July 30,
Chimney smoke and safety valve, impt. in the. Jos. H. Schreiner, Philadelphia	July 31,
Card teeth, improvement in the machine for cutting. Joshua Lamb, Leicester, Massachusetts	Aug. 1,
Cotton Cleaner, impt. in the. Jesse Reed, Marshfield, Plymouth county, Massachusetts	Aug. 10,
Cones, improvement in gearing. Truman F. Mayhew, Boston, Massachusetts	Aug. 22,
Cement, improvement in making aqueducts by means of. John N. Benham, Bridgewater, Oneida county, New-York	Aug. 29,
Carding machine, impt. in the. John Tillow, Newton, Fairfield c'y, Connecticut	Sept. 8,
Churn, impt. in the. Daniel Sheldon, Pulteney, New-York	Sept 13,
Cradle, hydrostatic steam. Charles Miner, Lyme, Connecticut	Oct 12,
Corks, machine for cutting. George Rawlings, Philadelphia	Oct 30,
Calico printing, making rollers for by etching. D. H. Mason and M. W. Baldwin, Philadelphia	Oct. 30,
Clocks, impt. in the construction of. Harrison G. Dyar, N Y.	Nov. 6,
Combs, in making ornamental hair. Uriah Bailey, West Newbury, Massachusetts	Nov. 15,
Cradle, impt. in the hydrostatic steam. Charles Miner, Lyme, Connecticut	Nov. 16,
Combs, impt. in the backs of tortoise shell. Nathaniel Bishop, Danbury, Connecticut	Nov. 11,
Chain, improvement in the frame. David Leslie, New-York	Nov. 19,
Carriages, improvement in four wheel. Theodore Brooks and Daniel W Eames, Rutland, New-York	Dec. 6,
Churn, or fluid agitator. Samuel H. Baker, Wells Township, Pennsylvania	Jan. 10, 1828;
Cloth, vibrating machine for napping. Samuel Duncan, Northampton, New-York	Jan. 21,
Cotton, machine for packing. Wm. J. Coke, Cabin Point, Sussex, county, New-York	Feb. 4,
Canal steam boat. John F. Wight, Erie, Pennsylvania	Feb. 14,
Cooking apparatus, &c. Ezekiel E. Bennet, Kingsbury, N. York	Feb 15,
Cooking stove, in the. Daniel G. Garnsey, Pomfret, New-York	March 3,
Carriage bodies, in. Jesse Reeder, Lebanon, Ohio	March 4,
Cast iron shoes, mode of making. Icabod Arnold, Oswegatchie, New-York	March 12,
Carriages, impt. in. Thomass Knox, Sniggersville, Virginia	March 15,
Corn shelling machine. John Brown, Providence, R. Island	March 18,
Coopers' work, machine for making. Hiram Waters, Water town, New-York	April 3,

D.

Dividing engine, for scales, guages, &c. Lemuel Hedge, Windsor, Vermont	June 20, 1827.
Distilling, impt. in the art of. John M. Aikin, Philadelphia	Aug. 30,

- Distilling, impt. in. Wm. J. Cocke, Surrey county, Virginia - Oct. 30, 1827.
 Do. James Lusk, Butter county, Ohio - Dec. 22,
 Do. Wm J. Cocke, Cabin point, Sussex c'y, Virginia, Feb. 4, 1828.
 Distilling by steam. Benjamin Barr, Strasburg Township, Penn. April 5,

E.

- Engines, impt. in manufacturing steam and rotary wheel. Francis Harris, Albany, New York - July 10, 1827.
 Engine, improvement in the steam. Warren P. Wing, Greenwich village, Hampshire county, Massachusetts - Aug. 17,
 Excavator, impt in the floating. Harvey W. Campbell, Lockport, New-York - Jan. 22, 1828,
 Excavator, or self loading cart. Waldren Beach, Philadelphia Feb. 5,

F.

- Foot stoves, impt. in cast iron. Geo. W Robinson, New-York June 2, 1827.
 Fur, impt. in the machine for separating. Jno. McDonald, N. Y. Sep. 11,
 Fur-cutters, cant twist blades for. Chs. C. K. Beach, Portland, Maine - Nov. 10,
 Flax, ma. for breaking Henry Schoonhaven, Pulteney, N. Y. Dec. 11,
 Fur, impt. in the ma. for cutting Michael Petre, Womelsdorf, Berks county, Pennsylvania, - Dec. 20,
 Flax and hemp dressing ma. Jno. C. Wenzel, Louisville, Kent'y Jan. 17, 1828.
 Flax and hemp dressing ma and for hulling grain and rice. Evans Christian, Town of Philadelphia, New-York - Feb. 8,
 Flax, impt. in the ma. for swingling. Samuel Achey, Heidelberg Township, Pennsylvania - Feb. 18,
 Fire engine, impt. in the. Ezekiel Daboll, Canaan, Connect't April 12,

G.

- Gun locks, impt. in percussion. Marvel C. Davis, of Mayville; Chatauge county, New York - July 10, 1827.
 Gas lights, impt in the manufacture from cotton seed. Denison Olmstead, N. H. Connecticut - July 21,
 Glass knobs, mode of pressing. John Robinson, Pittsburg, Penn. Oct. 6,
 Glass, mode of pressing with a core. P. C Dummer, Jersey City, New Jersey - Oct. 16,
 Glass formed by a combination of moulds. G. Dummer, P. C. Dummer. and Jas. Maxwell, Jersey City, New Jersey - Oct. 16,
 Gates for locks, impt. in. Daniel Rogers, Little Falls-town, Herkimer county, New-York - Jan. 4, 1828.
 Gasses from anthracite coal, mode of generating. M. Ward and Richard W Hall, Baltimore - Jan. 19,
 Grailing ma. impt. in the. Philo Pratt, Meriden, Connecticut Feb. 12,
 Gold and silver, separating earth from. Wm. H. Folger, Spon-tenburg Dist. South Carolina - Feb. 13,

H.

- Hewing and hammering stone, impt. in the machine for. Charles B Read, of West Bridgewater, Plymouth county, Mass'ts June 27, 1827.
 Horse harness or horse yoke, impt in the Adolphus Allen, of Troy, New-York - June 29,
 Horse hoe, impt in the cast iron. Wm. Charmichael, Sand lake, Renssalaer county, New York - July 28,
 Harrow and plough hoe, impt. in the. Isham Cheatham, Providence Inn, Chesterfield county, Virginia - July 31,
 Hydraulic elevator, impt. in the David Corey, York, Pennsylv'a Aug. 31,
 Hoe, impt. in the prong. Jos. Wilson, Marlborough, N. H. Sept. 20,
 Hydraulics, impt. in. Jacob Roup, Kenawa county Virginia, Oct. 6,
 Hats, water proof stiffening for Stephen Hemstead, junior, St. Charles county, Missouri [re-issued Oct 26, 1827.] May 25, 1827.
 Heat; application of the spare to making salt, &c. Alexander Brown, Salina New-York - Oct. 30,
 Hubs, cast iron or other metal Benja'n Lyman, Manchester, Conn. Nov. 6,
 Hydrostatic and hydraulic elevator. Jas. McCreary, Noblestown, Pennsylvania - Jan. 5, 1828

Hubs for carriage wheels, impt. in.	Hercules Thomas, Midway, Massachusetts	Jan. 8, 1828.
Horse mills, in the lever for working.	John Galbraith, Maury county, Tennessee	March 6,
Heat, in the revolution and management of.	Elipt. Nott, Sche- nectady, New-York	March 26,
Hydraulic engine, in the revolving.	Ashel Hubbard, Windsor, Vermont	April 22,

I.

Inclined and vertical tread wheel.	Cornelis Watson, Addison Township, Ohio,	Dec. 22, 1827.
Ivory, machine for junking.	L. Pratt and F. Bush, Meriden, Conn.	Feb. 9, 1828.
Ivory plates for combs, ma. for slitting.	Philo Pratt, Meridin, Conn.	Feb. 12,

K.

Kent bugle, impt. in the.	Richard Willis, West Point, N. York	Nov. 10, 1827.
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L.

Loom, impt. in the power of delivering the yarn.	Wm. B. Leo- nard, Fishkill, New-York	May 23, 1827.
Do.	taking up the cloth Do. Do.	May 23,
Loom impt. in the, for weaving figured goods.	Horace Baker, North Salem, West Chester county, New-York	Aug. 30,
Leather, impt. in the mode of tanning.	Osmond Cogswell, Cin- cinnati, Ohio	Sept 18,
Lever power gained.	E. G. Fitch, Blakely, Alabama	Oct. 5,
Laths, machine for making plastering.	Thomas Wright and Abram P. Howell, Cincinnati, Ohio	Oct. 9,
Lock, lever percussion gun-	John Ambler, jr. S. New-Berlin, New York	Oct. 16,
Lathe, impt in the turning.	Jefferson Moore, Leveritt, Mass.	Jan. 12, 1828.
Lotteries, impt in the mode of drawing.	Wm. E. Spalding, Brooklyn, Connecticut	Feb. 15,
Loom, for satinetts; in power.	R. Mitchell and N. Butterworth, Troy, Massachusetts	March, 22,
Leather, knives for cutting sole.	Luke Marble, Henerietta, N. Y.	March 28,
Lock for the wheels of carriages.	George Diven, Franklin county, Pennsylvania	April 14,

M.

Mill for grinding grain, impt. in the.	Robert S. Thomas, Rockin- ham, North Carolina	June 4, 1827.
Mill, impt in the grist.	Sam'l Sawing and James Monteith, Statesville, North Carolina	June 11,
Mill, impt. in the grist.	Wm. W. Forward, Harford c'y, M'd	June 15,
Mill, impt. in the sugar loaf.	Sidney and Portius Moore, Tir- zah, North Carolina	June 15,
Mill, impt. in the grist.	Wm. A. Turner, Plymouth, Washington county, North Carolina	June 27,
Morocco, ma for dicing, polishing and rolling.	Sam'l Couillard jr. Boston, Massachusetts	June 27,
Mortissing ma impt. in the.	Simon Leroy, Mexico, Union Square, Otswego county, New-York	July 10,
Mill, impt. in the grist.	Washington Adams, Guilford county, North Carolina	July 18,
Do.	Avery and John Coe, of Guilford county, N. C.	July 21,
Mill stone, impt. in the bush for a.	Nathan, Taylor, Urbana, Steu- ben c'y New-York	July 23,
Mill, impt in the tide.	Robert Spedden, Talbot county, M'd	Aug. 1,
Manufacturing, impt. in the mode of.	Jno. Goulding, of Dedham, Massachusetts	Aug. 24,
Mill, impt. in the cast iron, for grinding bark.	William Torrey, Westbrook, Maine	Sep. 13.
Mill impt. in the tanning.	Enoch Walker, Springfield, 4 corners, Pennsylvania	Sep. 20,
Mortissing and tenoning ma.	John McClintic, Chambersburg, Pennsylvania	Oct. 8,
Moccasin, impt. in the water proof.	John Syms, New-York	Nov. 10,

- Marble, impt. in imitating all kinds of. Benjamin Trembly, N. Y. Nov. 13, 1827.
 Mill, impt. in the grist. Jas. Robison, Buckskin Township, Ohio Dec. 11,
 Mortising ma. impt in the chisel of. A. Greenleaf and H.
 Amidon, Mexico, New-York - - - Dec. 28,
 Mortising ma. impt in the. J. J. Kellogg, Richmond, New-York Jan. 24, 1828.
 Mill, impt. in the grist. Wm. L. Taylor, McMinn c'y, Tennessee Jan. 28,
 Medicine, impt. in. Truman Powell, Burlington, Vermont Feb. 2,
 Marble, impt. in the machine for cutting and polishing. Archi-
 bald McAllister, Salem, New-York - - - Feb. 18,
 Mill, impt. in the grist. Samuel Holland, Hanover, Ohio March 1,
 Do. Admiral Warren, Saugerties, N. Y. March 12,
 Medicine, impt in. Fitzgerald Bird, Hancock, Georgia - April 19,

O.

- Oven, for baking over a furnace. Eli Moody, Northfield, Mass. April 5, 1828.

P.

- Press for cotton or hay, impt. in the. T. D. Wilson, of Corydon,
 Indiana - - - June 6, 1827.
 Plough, impt in the. Wm. Beach, of Philadelphia - - - June 27,
 Printing press, impt. in the hand. Samuel Couillard jr. Boston,
 Massachusetts - - - July, 14,
 Piston, rotative, impt. in the. John M. Cooper, Guildhall, Essex
 county, Vermont - - - July 16,
 Plough, impt. in the. Geo. Doffer, Fredricktown, Maryland Aug. 20,
 Plane stock, impt. in the. Hazard Knowles, Colchester, New-
 London county, Connecticut - - - Aug. 24,
 Percussion gun locks, impt. in. James B. Lowry, Mayville,
 Chautague county, New-York - - - Sep. 11,
 Printing press, impt. in the. Samuel Couillard, Boston, Mass. Oct. 5,
 Planing machine, impt. in the. Josiah Riehm, Savage factory M'd Nov. 1,
 Percussion gun lock, impt in the. Joseph Shuttuck, Jefferson c'y,
 Ohio - - - Nov 10,
 Punching copper, machine for. Wm. Ballard, Boston - - - Dec. 6,
 Peggin jack, impt. in the windlass. Samuel Nourse, of Danvers,
 Massachusetts - - - Dec. 8,
 Plough, impt. in the bar-shear. Eli Pugh, Chatham c'y, N. C. Dec. 24,
 Plough, called the cotton planter. Bird Murphy, Union Dist. S. C. Dec 31,
 Plough, impt in the. Wm. Wiard, Avon, New-York Jan. 26, 1828.
 Presses for hay, &c. impt. in. Moses B. Bliss, Pittstown, Maine Jan. 26,
 Paint impt. in making oil Alexander Thompson, Betheny, N Y Feb. 2,
 Pills, impt. in the Rheumatic. Ezra Deane, Biddeford, Maine Feb. 2,
 Pressing horn with steel plates. Uriah Bailey, of West Newbury,
 Massachusetts - - - Feb. 2,
 Printing press, impt in the. J. C. Holbrook and E. H. Thomas,
 Brattleboro', Vermont - - - Feb. 7,
 Do. Do. Do.
 Paper, in material for making. Wm. Magaw, Meadville, Craw-
 ford county, Pennsylvania - - - March 8,
 Ploughs, in the construction of. Richard Loveridge, Knox
 county, Ohio - - - March 8,
 Pump, basin, or reservoir. Geo. M. Selden, Troy, New-York March 10,
 Ploughs, impt. in. Chs. Howard, Kingham, Massachusetts March 10,
 Propelling boats, &c. impt in the mode of. Timothy Davis, Law-
 rence, Indiana - - - March 15, 1828.
 Piano fortes, impt. in. C. F. L. Albrecht, Philadelphia March 18,
 Pump logs, machine for boring. Sam'l Draper, Camilus, N. Y. March 31,
 Paper making, from the Ulva Marina. Elisha H. Collier, Lon-
 don, England - - - April 16,
 Press frame, impt. in the standing. Robt. Hoe, New-York April 22,

R.

- Rail-way carriages, impt. in the construction of. Richard P.
 Morgan, Stockbridge, Massachusetts - - - July 27, 1827.
 Rack, flexible, for operating on ships' carriages. J. Wood
 and P. A. Sabbaton, New-York - - - Oct. 6,

- Rice, coffee, machine for cleaning and polishing. Elijah Wilder,
Jersey City, New-Jersey Nov. 19, 1827.
Rake, impt in the common hay. Ambrose Foster, Auburn, N. Y Dec. 6,
Rail-way, transporting carriages on. Moncure Robinson, Henrico
county, Virginia - - - - - April 9, 1828.

S.

- Saw mill, impt. in the. Anthony Bencine, Milton, Caswell
county, North Carolina June 4, 1827.
Spinning cotton and wool. ma. Wm. Church, Birmingham, Engl'd June 11,
Still, impt in. Malcolm McGregor, New-York June 15,
Steam, impt in the. John Maynard, Ovid, New-York - - June 15,
Schalgiola, impt. in making. Salvadore Pinistri, New-York June 18,
Suspenders, impt in the. Edwin Chesterman, New-York June 19,
Sawing shingles, machine for. Nathan Swift, of Lebanon, Conn. June 27,
Spinning wool, machine for. Benjamin Laphan, of Queensbury,
Warren county, New-York June 29,
Seive wheels, impt. in preventing friction on spindles. J. G.
Shoulze, Pickaway Township, Ohio July 6,
Screw auger, impt. in the. Judson Smith, Derby, New-Haven
county, Connecticut July 13,
Spindle, impt in the. Benj'n Brundred, of Oldham, Bergen
county, New-Jersey July 14,
Spirits impt. in fermenting and distilling. Ira Belnap, Millers-
burg, Dauphin county Pennsylvania July 20,
Staves, impt. in the mode of making coopers'. Amory Akmoden,
Bloomfield Ontario county, New-York July 27,
Spinning machine, impt. in the. Wm. W. Jones, Thornville, Per-
ry county, Ohio July 27,
Straw cutting machine, impt. in the. Saban Durham and I. S.
Pleasants, Halifax, Virginia July 27,
Stone, impt in dressing, drilling, cutting, &c. Hermon Bourne,
of Salem, Essex county, Massachusetts Aug. 3,
Sack shoulderer, impt called the. Lewis Rice, of Clarksboro',
Gloucester county, New-Jersey Aug. 3,
Stumps, impt. in the machine for removing. Abijah Pratt, of
Jackson, Washington county, New-York Aug. 17,
Spirits, impt. in the method of determining the proof of. Wil-
liam Cornell, Brooklyn, New-York Aug. 20,
Sofa & bedsteads, impt in the. Jno R. Penniman, Boston, Mass. Aug. 22,
Scouring, impt in the mode of. Jno. Goulding, Dedham, Mass. Aug. 24,
Shuttle, impt in the mode of throwing in weaving. Do. Aug. 25,
Saw, impt. in the. (two edged saw) Moses Cass and Aaron
Bull, Caroline. Tompkins county, New-York Aug 31,
Syringe, pitch, impt. in the. Daniel Flint, Nobleboro', Lincoln
county, New-York Aug. 31,
Shingles, impt. on P. Have's machine. Geo. A. Hoard, of Ant-
werp, New-York Sep. 20,
Shingles, impt. in the machine for cutting. George W. Dana,
Louisville, New-York Sep. 20,
Scurvy, vegetable composition for curing. James U. Armour,
Fredericktown, Maryland Sep. 28,
Saw mill, impt. in the. Anson B Graham, Lee, Massachusetts Sep. 28,
Saw teeth, apparatus for setting. John Boggs, Philadelphia Oct. 4,
Sleigh shoe, &c. impt in the cast iron. Edward Trask, Sanger-
field, New-York Oct. 6,
Shingles, impt. in the machine for making. Oliver Wheeler,
Rochester, New-York Nov. 10,
Saw mill, impt. in the reciprocal. Wm. Kendall, Jun Waterville,
Maine, Oct. 23,
Steam, application of the escape. David Embree, New Richmond,
Ohio, Dec. 3,
Spring and stiffner, impt. in the rest. James G. Shute, Boston Dec. 5,
Saw mill, impt in the. Benjamin Overman, Greensboro', N. C. Dec. 11,
Submarine propeller, impt. in the. Elijah Bryan, New-York Dec. 22,
Spectacles impt. in the common. S. Newton, Washington, D. C. Dec. 22,
Spinning cotton bagging from cotton. John E. Dewees, Mason
county, Kentucky Dec'r 28,
Sheaves for ships' blocks, cast iron. Francis Seymour, Plymouth,
Massachusetts Dec'r 29,

- Saw mill; in the reciprocating. Wm. Kendall, Watterville, Maine Dec. 31, 1827.
 Steam generator, impt. in the tubular. Reid R. Throckmorton,
 New-York Jan'y 17, 1828.
 Spring saddle, impt in the. Thomas Harvey, Middleton, Del'are Jan'y 24,
 Screw, water wheel, impt. in the. Ebenezer Beard, Charles-
 town, Massachusetts Jan'y 25,
 Stove, impt in the cooking. Robert C. Rouse, Athens, N. York Jan'y 26,
 Steam engine, impt. in the. Simeon Broadmeadow, of New-York Jan'y 29, 1828.
 Steam engine, spring teeth rack frame for the. William Willis,
 Charleston, South Carolina Feb'y 1,
 Steam engine, impt in. John J. Giraud, Baltimore Feb'y 5,
 Straw cutting machine. Warren Cummins, Livingston county,
 New-York Feb'y 11,
 Steam engine, impt. in the high pressure. Isaiah Jennings, N. Y. Feb. 11,
 Specific steam engine, impt. in the. A. S. Kirk, Smithfield
 Township, Ohio Feb'y 13,
 Stone, machine for hammering and cutting. Joseph Richards,
 Braintree, Norfolk county, Massachusetts Feb'y 20,
 Steam boilers for stone coal. James G. Wilson, New-York Feb'y 22,
 Spinning wool and flax, machine for. Theodore Thomas Abbot,
 Greenland, New Hampshire Feb'y 26,
 Scythes and shovels, &c. in making cast steel. E. H. Bulkeley,
 Colchester, Connecticut Feb'y 28,
 Sugar, impt. in the mode of clarifying. Wm. J. McIntosh, Geo. March 7,
 Steam; in generating gas or. E. A. Lester, Boston March 10,
 Steam, in the application of. Jos. Skinner, Mantua, Ohio March 14,
 Sawing shingles, machine for. Cheney Read, Western, Mass. April 2,

T.

- Tire, impt. in the machine for bending. Walter Janes, Ashford,
 Windham county, Connecticut July 14, 1827.
 Thrashing and winnowing, and flax breaking machine. Edmund
 Warren, New-York Aug't 11,
 Thrashing, impt. in the machine for. Peter Barker, Worthing-
 ton, Franklin county, Ohio Aug't 20,
 Thrashing machine, impt. in the. E. B. Pike, Litchfield, Maine Oct'r 5,
 Trip hammer propelled by the foot. E. Pierce and Jos. Hatha-
 way, Pulteney, New-York Oct'r 19,
 Types, impt. in the mode of casting. S. Sturdevant & Edwin
 Star, Boston Oct'r 23,
 Turning rake and hoe handles, machine for. William Shepard-
 son and Jos. C. Sperry, Hamilton, New-York Dec'r 3,
 Turning rake handles, machine for. Anson Sperry, Rotten-
 dam, New-York Dec'r 26,
 Turning, impt in the mode. Jonathan Sparrow, Portl'd, Maine Dec'r 26,
 Thrashing grain and grass seed, machine for. David W.
 Webster, of Amesburg, Massachusetts Feb'y 9, 1828.
 Thrashing ma. impt. in the. Elias B. Hort, Charleston, South-
 Carolina Feb'y 18,
 Thrashing rice and small grain, machine for. Edmund Warren,
 New-York Feb'y 22,
 Thrashing machine, in the. Michael First, of Union Town, Md. March 3,
 Tobacco, in the mode of curing. Martin and Thomas Baker,
 Louisa county, Virginia March 4,
 Tongs, in cast iron. Enos H. Buel, Marlborough, Conn. March 6,
 Thrashing machine; in the. William Loomis, Springfield,
 New-York March 6,
 Tar Jack, called the. Hezekiah Salisbury, Springfield, Mass. March 8,
 Trip hammer in the. Levi Rosenkrans, Big Flat, New-York March 17,
 Teeth, in terro metallic. Anthony Plantou, Philadelphia April 5,

V.

- Vitualler, impt. in the Economical. Benjamin C. Burdett, City
 of New-York Aug't 4, 1827.
 Vessels, impt. in the mode of heaving down. John Crownin-
 shield, Salem, Massachusetts Oct'r 19,

W.

- Water wheel, inclined revolving. Thomas D. Wilson, Corydon, Indiana June 7, 1827:
- Water wheels, mode of letting the water on. Jacob Ammon, Rockingham county, Virginia June 8,
- Washing machine, impt. in the. David Beard, of Buffaloe, N. Y. June 27,
- Wool, impt. in the mode of manufacturing. John Goulding, Dedham, Norfolk c'y, Massachusetts July 10,
- Wool and cotton, impt. in the machine for roping and spinning by hand Henry Wilson, Pomfret, Chataugue c'y. New-York July 13,
- Water wheel, impt. in the up and down. Henry Miller, Allenton, Northampton, Pennsylvania July 28,
- Wooden ware, impt. in the manufactory of hollow. Elisha Briggs, Perry, Genessee county, New-York July, 30,
- Water, impt. in the method of cooling. Wm. Thornton, City of Washington, District of Columbia July 31,
- Water wheel impt. in the. James Deniston, Sanier Township, Preble county, Ohio Aug't 22,
- Wool, impt. in the extracting of grease from. John Goulding, Dedham, Massachusetts Aug't 24
- Washing machine, impt. in the. Moses Cass, Caroline, Tompkins county, New-York Aug't 29,
- Water wheel, impt. in the screw-spiral E. Skinner, Sandwich, New Hampshire Sep't 11,
- Wheel, impt. in the propelling water paddle. John J. Giraud, Baltimore Sep't 18,
- Washing machine. Franklin Kellsey, of Middletown, Conn. Sep't 25,
- Weight, propelling machinery by. Cain Broyles, Tellico, Tenn. Oct'r 19,
- Water wheel, mode of letting water on. Michael Hildebrand, McMinn county, Tennessee Nov'r 10,
- Water, mode of retaining and discharging. Bradford Seymour, Westmoreland, New-York Nov'r 10,
- Water proof, making leather. David Kizer, New-York Nov'r 19,
- Washing cloths and shelling corn, machine for. Benjamin Rice, Denmark, New York Nov'r 23,
- Warming and heating rooms, impt in. A. McAllister and J. Iggett, Salem, New-York Dec'r 15,
- Water proof leather and cloth, making. J. L. Comstock, Hartford, Connecticut Jan'y 21, 1828.
- Water wheel, impt. in the. Joseph Torny, Ravenna, Portage county, Ohio Feb'y 20,
- Windows' shutters, impt. in the fastenings for. Truman Bartholomew, New-York Feb'y 19,
- Wicks for candles, cotton yarn for. George Dickinson, N. Y. Feb'y 21,
- Water wheel, impt. in the spiral. James Kelly, Jackson c'y, Ohio Feb'y 21,
- Water, in the mode of purifying and filtering. Christopher Hall, Norfolk, Virginia Feb'y 22,
- Window sashes, cast iron. Isaac McNary, Stafford, Conn. Feb'y 23,
- Water, impt. in the pressure of. George M. Gibbs, Pr William Parish, Beaufort District, South Carolina March 10,
- Wash stand, in the construction of. John Williams, Baltimore March 15,
- Washing, churning, working butter, ma. for. R. R. Palmer, Caroline Township, Tompkins county, New-York March 21,
- Washing machine; in the. Aaron Bull, Caroline, New-York March 28,
- Water; in the mode of raising. Jos. S. Fox, Cattaragus c'y, N. Y. April 5,

Y.

- Yards of vessels, mode of slinging the. Isaac Carver, junior, Prospect, Maine Dec'r 11, 1827.
- Yards of vessels, in the mode of suspending the. Samuel Adams, Wells, Boston Jan'y 23, 1828.

ALPHABETICAL LIST OF

THE NAMES OF PALENTIES,

WITH THE DATES OF THEIR PATENTS.

A.	
Anderson, Alex. Sept. 2, 1794. Jan. 26, 1801. Jan. 26, 1801. Aug. 21, 1801. Jan. 26, 1801. Jan. 26, 1801. Aug. 21, 1812. Aug. 21, 1812. Oct. 27, 1813.	Armistead, William. Nov. 13 1810
Allivine, Lawrence. Feb. 24, 1797.	Arnold, Daniel C. Dec. 15 <i>ib.</i>
Austin, Cyrus. Dec. 14, 1798.	Abbot, Miles H. Feb. 26 1811
Abbott, Henry Jan. 24, 1799. May 4, 1802. March 30, 1813.	Alger, C. March 30, 1811. May 18, 1814.
Allison, Burgiss. May 12, 1802. May 1803. July 6, 1809. April 27, 1809. March 3, 1813. June 28, 1814. Apr. 10, 1818	Atherton, Daniel. April 26 <i>ib.</i>
Ditto and John Hawkins—Dec. 30, 1802.	Andrews, Mark. May 4 <i>ib.</i>
Ditto and R. French, June 8, 1804.	Armat, Thomas. May 10 <i>ib.</i>
Ditto and W. Elliot, March 11, 1819.	Atkinson, Joseph. Sept. 5 <i>ib.</i>
Aveilhe, J. J. Baptiste—Mar. 16, 1803 Aug. 15, 1802. Aug. 28, 1817.	Avery, Alex. H. Sept. 30 <i>ib.</i>
Alden, Timothy, jun. May 25, 1803	Anderson, L. and D. April 20, 1819.
Ashbridge, William. June 28, <i>ib.</i>	Allison, Nath. and Ben. Augles. June 5 <i>ib.</i>
Alden, Enoch. Nov. 15 <i>ib.</i>	Adam, Paul. June 19 <i>ib.</i>
Allen, A. D. May 10. May 10, 1804	Astolfi, Lawrence. Nov. 20 <i>ib.</i>
Ditto. J. Roberts, and E. Kelsey. Sept. 2 <i>ib.</i>	Achman, John. Dec. 30 <i>ib.</i>
Arthur, Daniel. May 4, 1805	Alexander, H. Jan. 14. Oct. 27, 1813
Abraham, James. Dec. 20 <i>ib.</i>	Abbet, Henry. March 30 <i>ib.</i>
Adams, Samuel. Dec. 28 <i>ib.</i>	Atwater, Caleb. June 2 <i>ib.</i>
Arnold, Thomas. March 5, 1806	Anderson, Henry. Oct. 27 <i>ib.</i>
Arnold, Jesse. Oct. 26, 1807	Allison, R. and N. S. March 26, 1814
Ainsworth, Ruben. May 14, 1808	Alder, Joshua W. April 19 <i>ib.</i>
Armour, jun. James. June 27 <i>ib.</i>	Annesley, Robert. April 27 <i>ib.</i>
Apple, Philip. July 13 <i>ib.</i>	Andrews, J. May 27, 1814. Aug. 11, 1817. Aug. 11, 1817.
Atwell, Benjamin. Sept. 19 <i>ib.</i>	Averille, Isaac W. Nov. 5 <i>ib.</i>
Adams, Stedman Nov. 21 <i>ib.</i>	Antrim, Pinder. Nov. 25 <i>ib.</i>
Adams, R. Dec. 8, 1808. March 27, 1812	Arnold, Samuel. Jan. 25 1815
Anderson, Levi. March 23 1809	Allen, Simeon. April 1 <i>ib.</i>
Allen, Phineas. May 13 <i>ib.</i>	Atchison, William. May 23 <i>ib.</i>
Ames, O. June 24, 1809. April 25, 1810.	Ayres, W. and J. Cochran. Oct. 6 <i>ib.</i>
Atwell, Ben. July 18 <i>ib.</i>	Allen, Charles Louis. Oct. 13. <i>ib.</i>
Ditto and I. Nichols. Oct. 14 <i>ib.</i>	Adams, William. March 1 1816
Abricks, Jacob. Oct. 11 <i>ib.</i>	Andrews, James. July 15 <i>ib.</i>
Applegate, Sam. Thomas Howard, and B. H. Wharton. Nov. 22 <i>ib.</i>	Andrus, James. July 30 <i>ib.</i>
Arnold, Josiah. April 14 1810	Annesley, William. Sept. 12 <i>ib.</i>
Antrim, P. and S. Bolton. Nov. 1 <i>ib.</i>	Azam, Pierre. Sept. 24 <i>ib.</i>
	Adamson, John. Dec. 13 <i>ib.</i>
	Ayres, William, and Herman Gray. Aug. 13 1817
	Allen, Andrew. Dec. 26 <i>ib.</i>
	Armstrong, Stephen. April 7 1813
	Adams, John. April 16 <i>ib.</i>
	Arnold, Peley. Aug. 1 <i>ib.</i>
	Audler, Ezekiel. Oct. 21 <i>ib.</i>
	Adams, Daniel. Feb. 3 <i>ib.</i>
	Ambler, James. May 29 <i>ib.</i>
B.	
Bailey, Francis. Jan. 29, 1791. July 31, 1809. Oct. 9, 1806.	Biddis, J. & Bedwell Thomas. Aug. 10, 1791.
Brigs, Samuel. August 2, 1791.	Batterman, Christ. Jan. 17, 1794.
Bailey, John. Feb. 23, 1792. March 5, 1810. June 19, 1812.	Brouwer, Sam. Aug. 17, 1792. Nov. 27, 1812.

- Babcock, Ebijah. Dec. 2, 1793.
 Biddis, John. March 31, 1794. May 6, 1800. March 22, 1802.
 Byington, Jared. Jan. 15, 1796. Dec. 23, 1796. Jan. 12, 1818.
 Bedwell, Thomas. April 20, 1796.
 Backus, Elijah. May 31, 1796.
 Brunel, Marc Isambard. Nov. 16, 1796. April 27, 1798. January 17, 1799.
 Bourke, Theobald. Nov. 16, 1796.
 Bigelow, John. Nov. 19, 1796.
 Booker, William. March 11, 1797.
 Betts, Silas. March 18, 1797.
 Briggs, Nathaniel. March 28, 1797. June 17, 1809. October 13, 1813.
 Burt, Walter. June 23, 1797.
 Bruff, Thomas. July 1, 1797. Jan. 8, 1798. Sept. 14, 1801. July 24, 1807. Oct. 5, 1808. June 4, 1813.
 Blydenburg, Samuel. March 22, 1798. Sept. 12, 1810.
 Brewster, Walter. June 7, 1798.
 Banks, William. Dec. 14, 1793.
 Bolitho, Ben. Feb. 7 1800
 Brown, Jer. May 14 *ib.*
 Butler, Frederick. Aug. 22 *ib.*
 Brookfield, Aaron. Oct. 24 *ib.*
 Bedwell, Thomas, and Ben. Henfrey. Feb. 12 1801
 Baker, I. May 8, 1805. Feb. 20, 1802
 Briggs, Samuel, jun. Oct. 24 *ib.*
 Bell, Wm. and J. S. De Montmollin. April 7, 1802. Ditto. Mar. 7, 1803.
 Betts, Hezekiah. May 3, 1802. Ditto. Sept. 13, 1803. Aug. 29, 1804.
 Boureau, Nicholas. August 30, 1802. Aug. 21, 1804.
 Bartlett, Elisha Olive Otis and George. February 17, 1803
 Bent, Silas. March 7 *ib.*
 Brewer, Daniel. April 22 *ib.*
 Beebe, Eliphalet. April 27 *ib.*
 Barney, Mathew. May 4 *ib.*
 Biddis, John, T. Bedwell, and W. Mitchell. June 7 *ib.*
 Brown, Sam. and E. and T. West. July 8 *ib.*
 Bell, William. Nov. 24, 1803. Nov. 25. Nov. 25
 Buckman, David. Dec. 21 *ib.*
 Beverley, John. Dec. 26 *ib.*
 Beatley, Leonard. Jan. 19 1804
 Benger, Thomas. Jan. 25 *ib.*
 Barnett, Thomas. Feb. 21 *ib.*
 Bolton, John, jun. Sept. 29 *ib.*
 Brown, Abel. October 17 *ib.*
 Bellows, Jos. jun. and E. White. Dec. 29 *ib.*
 Bennock, John. June 1, 1805
 Bartlet, Sam. Oct. 1, 1805. July 19, 1808. Jan. 15, 1809.
 Bely, Seraphim. Nov. 7 *ib.*
 net., Philip. Feb. 8, 1806
 Bryant, E. Jan. 13, 1806. March 18, 1818. March 28, 1820.
 Burr, Theodore. Feb. 14 1806
 Buck, R. May 29, 1806. June 23, 1807.
 Brown, Levi. May 30 *ib.*
 Bedford, John. July 16 *ib.*
 Brown, David, jun. Feb. 5 1807
 Brawn, John. Feb. 7 *ib.*
 Button, Richard. Feb. 11 *ib.*
 Buffum, Arnold. Feb. 21 *ib.*
 Burtis, Barent and Gersham. Feb. 27 *ib.*
 Bigelow, E. April 1, 1807. Jan. 29, 1817.
 Beatty, T. April 25, 1807. Oct. 5, 1818.
 Bevit, Enoch. June 23 *ib.*
 Beach, C. June 26, 1807. Nov. 20, 1809.
 Butland, James. Nov. 12 *ib.*
 Blake, Anson. Nov. 27 *ib.*
 Bernard, Benjamin B. Nov. 30 *ib.*
 Boucherie, Antoine. Jan. 8, 1808. Jan. 30, 1809. Jan. 31, 1809
 Barnum, Eli. Jan. 9 *ib.*
 Bent, Wm. Feb. 24, 1808. Sept. 9, 1813.
 Barnum, Eli, and B. Brooks, March 21, 1808. July 13, 1808.
 Barnett, Oliver, jun. March 23 *ib.*
 Bailey, John, jun. May 14 *ib.*
 Barber, Sam. and N. U. Thompkins. June 1 *ib.*
 Burt, David. June 22 *ib.*
 Brewster, A. July 11, 1808. July 13, 1813.
 Bolton, John. Aug. 2 *ib.*
 Barker, Wm. Aug. 26, 1808. Aug. 12, 1815. Nov. 10, 1818.
 Bishop, G. Sept. 7, 1808. April 17, 1809.
 Burtis, William. Oct. 3 *ib.*
 Brown, Wm. Dec. 8, 1808. Nov. 20 *ib.*
 Bennett, Isaac. Dec. 12 *ib.*
 Badger, W. Dec. 26, 1808. Feb. 16, 1809.
 Blanchard, James. Jan. 14, 1809
 Bolton, Samuel. Jan. 16. July 7, *ib.*
 Berniss, Richard. Feb. 13 *ib.*
 Blodgett, Aziah. Feb. 16 *ib.*
 Barnett, John. March 3 *ib.*
 Beecher, John. March 18 *ib.*
 Buckmar, William. March 23 *ib.*
 Bachelor, Lemuel. April 24 *ib.*
 Broad, A. June 14, 1809. June 6, 1814.
 Brown, George. June 16 1806
 Bartholomew, Truman. June 17, *ib.*
 Bissel, Luther. June 27, 1809. June 7, 1811. July. 3, 1813.
 Barrett, William. June 27 *ib.*
 Bernard, P. July 7, 1809. Nov. 17, 1810; Jan. 16, 1811.

Baleomb, Jacob. July 13	1806	Brown, John. Aug. 8, 1812.	May 12,
Bakewell, W. L. Aug. 18	ib.	1815. Feb. 24, 1815.	June 12, 1818.
Barlow, Jonathan. Aug. 23	ib.	July 22, 1819.	
Bisbee, Isaiah. Nov. 20	ib.	Butler, James. Sept. 9	1812
Belknap, S. Dec. 28, 1809.	April	Barron, William A. Sept. 10	ib.
8, 1814.		Bostick, Gersham. Sept. 28	ib.
Barber, Oliver. Jan. 8,	1810	Booth, George. Oct. 13.	Do. ib.
Barnum, T. S. Jan. 18, 1810.	Jan.	Browning, Samuel. Oct. 13	ib.
15, 1812.		Barber, T. A. and Silas S. Ford-	
Baldwin, Sylvanus. March 17	ib.	ham. Oct. 15	ib.
Beck, J. & J. Coppinger. Mar. 19	ib.	Bates, John. Jan. 25	1813
Beach, Joseph. March 30, 1810.		Bains, Allen, Sam. Gray and Japez	
Jan. 24, 1811.		Clark. Feb. 3	ib.
Battle, M. April 2, 1810.	March	Badger, William. March 2	ib.
27, 1812. Ditto.		Bronough, J. W. and J. Talbot.	
Brown, Ephraim. April 10	ib.	March 16	ib.
Brainard, J. April 16, 1810.	Oct. 4,	Bamford, Joseph. March 19	ib.
1817.		Blanchard, Thomas May 4. 1813.	
Bernard, Cromwell. April 17	ib.	Sept. 6, 1819. Sept. 6, 1820.	
Bremler, F. April 24, 1810.	Jan. 21,	Briggs Shepard. May 27	ib.
1812. Aug. 22, 1816.		Briggs S. and A. Steel. May 29	ib.
Basford, E. & E. Johnson. Apr. 28,	ib.	Bissel, L., J. Hinman and Benoni	
Basford, Ebenezer. April 28	ib.	Gains. June 19	ib.
Bennett, Morris, jun. May 1	ib.	Broad, J. June 25, 1813. Nov. 4,	
Burke, H. June 18, 1810.	May 25, 1811	1815. March 1, 1814.	
Buel, Samuel. July 7	ib.	Beldon, Thomas. Aug. 18	ib.
Bogenreiffé, Valentine. July 10	ib.	Burnham, A. and T. S. Barnum.	
Bacon, Ephraim. July 26	ib.	Dec. 31	ib.
Black, Jeremiah. Aug. 2	ib.	Brush, J. C. Jan. 23, 1814. Aug.	
Bernard, P. and T. Soper. Jan. 16	1811	19, 1819.	
Burley, Nath. Jan. 24	ib.	Bryant, Eben. Feb. 8, 1814. Mar.	
Binny, Archibald. Jan. 29, 1811.		18, 1818. March 28, 1820.	
Feb. 4, 1811. May 17, 1814.	ib.	Baker, Peter. Feb. 19	ib.
Bacon, Samuel. Feb. 9	ib.	Briggs, Daniel. Feb. 19,	ib.
Belknap, Stephen and Sam. Merrill.		Butler, John and James. Mar. 1	ib.
Feb. 15	ib.	Brown, Brightberry. March 21	ib.
Beach, William. Feb. 19	ib.	Brown, Sidney B. April 2	ib.
Blanch, Noel. March 2	ib.	Blaker, John. April 12	ib.
Boynton, John. March 30	ib.	Breasted, Peter. April 18	ib.
Baley, W. April 10, 1811.	Feb.	Burnhust, Thomas, and J. and W.	
4, 1817.		Walker. May 4	ib.
Barber, Joseph. April 10	ib.	Barber, Oliver. May 13	ib.
Bernard, Joseph. April 10	ib.	Beale, Thomas. May 23	ib.
Balthrope, John. May 22	ib.	Briggs Joseph. July 9	ib.
Bascom, Harvey. June 10	ib.	Bronson, H., and J. Curtis. Aug. 22,	ib.
Baxter, John George. June 22	ib.	Bolter, William. Oct. 21	ib.
Bergh, C. and S. Schermerhorn,		Bazin, John, jun. Oct. 23	ib.
jun. July 2	ib.	Bronson, Salmon. Nov. 25	ib.
Butler, Anthony. Nov. 7	ib.	Browning, Samuel. Nov. 25	ib.
Bell, Benjamin. Nov. 7	ib.	Beaumont, James. Dec. 3	ib.
Barrett, O. jun. Dec. 3. Dec. 8	ib.	Bruff, John. Dec. 16	ib.
Bouis, J. Jan. 6, 1812. Dec. 30	1812	Bonlu, Augustus. Dec. 24	ib.
Barker, Joseph. Jan. 10	ib.	Birkhead, Levin Dec. 30	ib.
Beale, Josiah. Jan. 15	ib.	Brown, Enos. Jan. 23	1815
Belknap, M. B. Jan. 16, 1812.	June	Burk, Aaron. Feb. 11	ib.
13, 1812.		Blydenburg, Samuel, and H. Healy.	
Brewster, Gilbert, Guy Trumbull, and		Feb. 20	ib.
James Mather. January 16	ib.	Bakewell, Thomas. March 3	ib.
Brown, Geo. M. Adams. Mar. 19	ib.	Barnum, T. S. and Elea. Smith.	
Baldwin, Sylvanus, and E. Town.		April 4	ib.
May 6	ib.	Brownwell, Joseph. May 16	ib.
Bailey, Robert. May 15	ib.	Bezeau, William. June 13	ib.
Bolton, Amos. June 19	ib.	Boyden, Seth, jun. June 27	ib.

Bis sel, Luther, Luke C. Hinman, and Stephen Hinman. July 17	1815	Blanchard, Abel. May 17	1817
Beush, Mary. July 2	<i>ib.</i>	Beckwith, Josiah. May 16	<i>ib.</i>
Bartholomew, N. and Daniel H. Miller. Aug. 13, 1815. Ditto.	<i>ib.</i>	Bliss, Jeroma. June 17	<i>ib.</i>
Baldwin, Sylvanus. Aug. 18	<i>ib.</i>	Briggs, Samuel and Isaac. May 28	<i>ib.</i>
Bryant, Johnel and John. Aug. 26	<i>ib.</i>	Bazin, J. and James A. Oct. 20	<i>ib.</i>
Borto, Edward. October 14	<i>ib.</i>	Bushy, Charles Augustus. Oct. 25	<i>ib.</i>
Bryan, John. Oct. 24	<i>ib.</i>	Frayton, A. & H. C. Green. Dec. 5,	<i>ib.</i>
Brewster, John. Oct. 30	<i>ib.</i>	Black, J. Jan. 17 1818. April 23 1819	
Babcock, Alvan. Nov. 6	<i>ib.</i>	Brookes, Edw. Jan. 28	1818
Barney, John. Dec. 27	<i>ib.</i>	Bigelow, Alpheus. Feb. 13	<i>ib.</i>
Bigelow, Joseph. Jan. 25	1816	Beatty, T. and M. Shanks. Feb. 25	<i>ib.</i>
Burrall, Edward. Jan. 31	<i>ib.</i>	Baldwin, James. March 7	<i>ib.</i>
Bonuel, Sylvanus. Feb. 23	<i>ib.</i>	Babcock, John. March 18,	<i>ib.</i>
Bean, Eliza. March 1	<i>ib.</i>	Bradley, Salmon. April 21	<i>ib.</i>
Brewster, Samuel. March 15	<i>ib.</i>	Bedford, John. June 2	<i>ib.</i>
Black, Alexander. April 4	<i>ib.</i>	Breithler, J. G. June 13	<i>ib.</i>
Bryant, William. April 29	<i>ib.</i>	Brown, Hiram. July 24,	<i>ib.</i>
Beard, David. April 30. May 28	<i>ib.</i>	Bryant, J. J. Sept. 2	<i>ib.</i>
Batchelor, William. May 2	<i>ib.</i>	Burnet, James. Sept. 15	<i>ib.</i>
Burt, Enoch. May 12. June 25	<i>ib.</i>	Beissel, David. October 26	<i>ib.</i>
Beatty, Leonard. May 17	<i>ib.</i>	Brux, Albert. Nov. 6	<i>ib.</i>
Benton, Caleb and W. A. May 22	<i>ib.</i>	Boneville, Michael H. Nov. 17	<i>ib.</i>
Beecher, Benjamin D. May 33	<i>ib.</i>	Bowne, R. and J. Murphy. Nov. 18	<i>ib.</i>
Barker, Ephraim. July 12	<i>ib.</i>	Bronwell, Jacob. Nov. 25	<i>ib.</i>
Brewster, Abel. July 15, 1816. Mar. 6, 1820.		Bartholomew, A. Dec. 1	<i>ib.</i>
Blood, Amos July 15	<i>ib.</i>	Bishop, Naphtali. Jan. 11	1819
Barron, J. July 18, 1816. Jan. 12, 1819. Feb. 20, 1819.		Bunker, Zenas. Feb. 3	<i>ib.</i>
Browne, Rodman. July 18	<i>ib.</i>	Beidleman, Henry. Feb. 8,	<i>ib.</i>
Britz, Adam. July 18	<i>ib.</i>	Barker, Thos. E. Feb. 19,	<i>ib.</i>
Bills, Artemas. July 29	<i>ib.</i>	Brower, John. Feb. 19	<i>ib.</i>
Barnett, Joseph. September 14	<i>ib.</i>	Bartholomew, Jacob. Feb. 27	<i>ib.</i>
Brown, Peter A. October 9	<i>ib.</i>	Baker, T. T. April 12,	<i>ib.</i>
Bowhay, William. October 14	<i>ib.</i>	Brown, Edmund. April 30,	<i>ib.</i>
Balch and Carter. October 26	<i>ib.</i>	Batby, Antoine. May 26	<i>ib.</i>
Broadway, Abel. November 25	<i>ib.</i>	Baldwin, Thomas. June 22	<i>ib.</i>
Brown, George W. December 6	<i>ib.</i>	Bury, Richard. Aug. 21,	<i>ib.</i>
Baker, Thomas. December 20	<i>ib.</i>	Bergen, Cornelius. Nov. 11,	<i>ib.</i>
Baker, James. Jan. 16, May 6, 1817		Biagg, John. January 4	1820
Brown, James. March 3	<i>ib.</i>	Buffum, Arnold, and Jer. Kelly. Feb. 17	<i>ib.</i>
Burr, Theodore. April 3. April 3	<i>ib.</i>	Bronson, Heman. March 8	<i>ib.</i>
		Bruce, George. April 4	<i>ib.</i>
		Byram, John, and Syl. D. Fuller April 4	<i>ib.</i>

C.

Cruse, Engelhart. Aug. 26, 1791.		Cannon, John. Jan. 17,	1801
Caldwell, James. Jan. 26, 1793.		Clymer, George. Dec. 22	<i>ib.</i>
Colls, Christopher. Jan. 26, 1793.		Condit, Joseph, jun. Dec. 28	<i>ib.</i>
Carnes, John, jun. April 11, 1793.		Claiborne, Richard. Feb. 23	1802
Clarke, John. Aug. 13, 1793. May 19, 1803.		Coates, Moses. April 1, 1802. Feb. 14, 1803	
Cox, Zacharia. March 14, 1794.		Chickering, Asa W. Nov. 29	<i>ib.</i>
Chiff, Peter. Nov. 16, 1796.		Caruthers, William. Dec. 13	<i>ib.</i>
Chandler, George. Dec. 12, 1796.		Cowan, James. Dec. 14	<i>ib.</i>
Curtis, Jonathan W. Aug. 24, 1797.		Cooly, Benjamin. Feb. 1	1803
Clark, Aaron. March 30, 1798.		Cottle, John. March 21	<i>ib.</i>
Cooley, S. June 6, 1798. Nov. 2, 1803.		Corning, Ezra, jun. June 13	<i>ib.</i>
Colyer, Steven. Dec. 14, 1798.		Camp, Samuel, jun. July 1	<i>ib.</i>
Chase, Heviland. Dec. 16, 1799.		Clark, John, and E. Evans, July 20	<i>ib.</i>
Constant, Elias. Feb. 4	1800	Cleveland, George. Sept. 9	<i>ib.</i>
Cox, James. Feb. 20	<i>ib.</i>	Coit, Daniel. Oct. 5	<i>ib.</i>
Coley, David, jun. and G. N. Phillips, Aug. 23,		Cook, Valentine. Nov. 1	<i>ib.</i>
		Cist, J. Dec. 3, 1803. Oct. 23, 1803.	

Curtis, James, jun. Dec. 10	1803	Comfort, Joseph. Jan. 25	1811
Coates, Moses, and Evan Evans. April 30	1804	Comfort, J. Jan. 25, 1810. Feb. 26, 1811.	
Crafts, Edward, jun. May 12	<i>ib.</i>	Cutter, Ephraim. Feb. 12, Sept. 27, 1811. Feb. 4, 1813.	
Chamberlaine, Samuel. Dec. 31	<i>ib.</i>	Clark, David. April 2. Do.	<i>ib.</i>
Copes, Joseph. May 2	1805	Clark, Anson. April 10	<i>ib.</i>
Crane, Robert, jun. May 4	<i>ib.</i>	Clark, Martin. April 21	<i>ib.</i>
Church, Samuel, May 4	<i>ib.</i>	Currey, Samuel. April 24	<i>ib.</i>
Cooley, William. May 27	<i>ib.</i>	Cooley, D. June 18, 1810. Oct. 24, 1814	
Cooper, John. May 22	1806	Cooper, Charles, D. June. 27	<i>ib.</i>
Cutting, Nath. July 14. Aug. 14	<i>ib.</i>	Chase, Berry. June 25	<i>ib.</i>
Carendeffez, The Baron Alixis. Sept. 2, 1806. Oct. 12, 1807.		Cooley, Abiel, A. July 18	<i>ib.</i>
Colvin, Charles. April 1,	1807	Curtis, P. C. Nov. 17, 1811. May 18, 1816	
Craig, Alex. April 15	<i>ib.</i>	Clap, Joseph. Nov. 21. Nov. 16	<i>ib.</i>
Cleveland, Josiah. June 6, 1807. July 13, 1807. Oct. 22, 1816.		Cannon, George. Dec 27	<i>ib.</i>
Crawford, Obadiah. June 29	<i>ib.</i>	Chandler Joseph. Feb. 4	1811
Connor, Ben. July 20, 1807. Aug. 26, 1813.		Cleveland, Lewis. Feb. 7	<i>ib.</i>
Cutler, Buel. Oct. 3	<i>ib.</i>	Cummings, B. Mar. 2, 1812. Oct. 3, 1817	
Cady, Eleazer, jun. March 9,	1808	Cook, Townsend. March 1	<i>ib.</i>
Cohoon, T. April 11, 1808. April 13, 1808. April 14, 1808. Jan 5, 1811. Jan. 25, 1813.		Cook, Lyman. March 26. March 28	<i>ib.</i>
Coolidge, William. April 13	<i>ib.</i>	Claiborne, W. Presley. Nov. 8	<i>ib.</i>
Cruttenden, Timothy. April 23	<i>ib.</i>	Crosbie, Richard. Jan. 6. Feb. 17	1812
Cob, David. April 25	<i>ib.</i>	Curtis, Junia, and Royal Yeamans, Feb. 8	<i>ib.</i>
Cunningham, Robert P. May 18	<i>ib.</i>	Crafts, Chauncy. Feb. 10	<i>ib.</i>
Cleveland, Dyer. July 7	<i>ib.</i>	Clements, Stephen. March 16	<i>ib.</i>
Cobb, J. July 11, 1808. March 1, 1809.		Chickering, N. and D. March 9	<i>ib.</i>
Coon, Jacob. Aug. 6	<i>ib.</i>	Currie, Samuel. March 28	<i>ib.</i>
Cone, Josiah. Aug. 26	<i>ib.</i>	Campbell, Asa. March 28	<i>ib.</i>
Chandler, A. and Samuel Shepard. Sept. 16	<i>ib.</i>	Clark, Wd. April 2, 1812. April 27, 1814. March 28, 1818	
Cobb, G. Sept. 7, 1808. April 24, 1809.		Cannon, Ben. April 23	<i>ib.</i>
Calender, Elisha Oct. 3	<i>ib.</i>	Carrington, J. April 27	<i>ib.</i>
Cooper, Charles. Nov. 4	<i>ib.</i>	Cobb, Elkanah. April 29	<i>ib.</i>
Chamberlain, Samuel. Nov. 21	<i>ib.</i>	Confield, Russel. May 1	<i>ib.</i>
Cheneweth, Richard B. Nov. 25	<i>ib.</i>	Convis, Edward Morris. May 6	<i>ib.</i>
Couch, S. and A Towne. Dec. 10,	<i>ib.</i>	Cunningham, J. and Sam. Edmon- ston. June 22	<i>ib.</i>
Chappel, Richard S. Jan. 18,	1809	Clark, S. and N. Kirk. July 18	<i>ib.</i>
Crafts, Moses. Feb. 14	<i>ib.</i>	Cornell, Gideon, July 22	<i>ib.</i>
Chard, Hugh. Feb. 16	<i>ib.</i>	Cooper, C and G. Shaake, Aug. 22	<i>ib.</i>
Cutter, Ephraim. March 1	<i>ib.</i>	Cox, John Redman. Oct. 16,	<i>ib.</i>
Coudon, S. March 3, March 3,	<i>ib.</i>	Christy, Robert. Nov. 21,	<i>ib.</i>
Cowperthwaite, Job. March 23	<i>ib.</i>	Cavrier, Amri. Nov. 2	1813
Chatfield, Orin. May 15	<i>ib.</i>	Church, Eli. March 18	<i>ib.</i>
Cleveland, James B. June 7	<i>ib.</i>	Chambers, Joseph C. March 23	<i>ib.</i>
Canfield, J. June 26, June 28	<i>ib.</i>	Cram, David. April 15	<i>ib.</i>
Chamberlain, William. June 28	<i>ib.</i>	Comstock, S. and M. Pike. April 15	<i>ib.</i>
March 17, 1810.		Cabell, J. I. May 28, 1813. June 10, 1814.	
Corneau, Joseph and S. S. Hallet. Aug. 3	<i>ib.</i>	Chevens, Henry. July 13	<i>ib.</i>
Corneau, Joseph. Aug. 17. Aug. 23, 1817. March 6, 1818.		Churchman, Caleb and Geo. Mar- tin, jun July 16	<i>ib.</i>
Cruttenden, Stephen. Aug. 25	<i>ib.</i>	Carrington, D and I. Ives. Aug. 20	<i>ib.</i>
Copinger, Joseph. Oct. 31. Do. <i>ib.</i> Nov. 21, Nov. 23. March 19, 1810.		Corkings, Ezra B. Oct. 8	<i>ib.</i>
Cady, Asa. Dec. 27	<i>ib.</i>	Coleman, John. Dec. 31	<i>ib.</i>
Cook, Elisha. Jan. 20	1810	Carleton, Jedediah. Jan. 21	1814
		Coulter, J. and S. Gano. April 18	<i>ib.</i>
		Cooper, David. May 12	<i>ib.</i>

Coleman, E. B.	May 13	1814	Cornwell, William.	Dec. 14	1816
Curtis, Joel.	August 22	ib.	Cromwell, Charles.	Jan. 27	1817
Curtis, J. and D. Bradley.	Aug. 22	ib.	Christman, Daniel.	Feb. 8	ib.
Earman, James.	Oct. 12	ib.	Conoon, and Elliot.	April 12	ib.
Craig, Seth.	October 18	ib.	Cruttenden, Timothy.	May 12	ib.
Chappins, John Francis.	Nov. 8	ib.	Collins, James.	June 10	ib.
Cornwall, William.	Dec. 15	ib.	Child, Lewis.	Oct. 4	ib.
Collin, John B.	April 12	1815	Collins, Daniel.	Jan. 6	1818
Calden, Cad. D.	May 19.	June 2	Cox, Benjamin.	March 28	ib.
Cooper, C. and G. Shalk.	May 31	ib.	Cullen, John.	May 4	ib.
Curtis, Junica.	August 8	ib.	Ciere, H. and P. Ricardi.	May 25	ib.
Cluff, Mathew.	September 1	ib.	Church, William.	July 11	ib.
Cornell, A. and Hiram K. Cornell.			Clark, James.	July 31. Nov. 30	ib.
Jan. 15		1816	Cudlip, J. and G. Price.	Nov. 18	ib.
Cory, Eleakim.	May 30	ib.	Colbert, Robert.	March 17	1819
Charters, George.	July 8	ib.	Caze, James.	March 18	ib.
Curtis, Lemuel.	July 12	ib.	Cook, David.	April 16	ib.
Carberry H. & W. Fathan.	July 19	ib.	Clarkson, William K.	June 26	ib.
Chapman, Samuel.	Aug. 30	ib.	Craft, George B.	Oct. 9	ib.
Chandler, Stephen.	Sept. 20	ib.	Cunmings, Jacob A.	Nov. 3	ib.
Cromwell, John.	Oct. 23	ib.	Crain, Eleazer.	Jan. 10	1820
Cruse, Englehart.	Nov. 18	ib.			

D.

Dickerson, J.	July 30 1791. Feb. 9, 1796.		Dawson, James.	Nov. 6	1806
Dove, Samuel G.	Oct. 20	1792	De Miroth, Lewis.	Feb. 3	1807
Dorr, Jonathan.	Oct. 23	ib.	Dunlap, Henry.	April 23, 1807. August 27, 1812.	
Davenport, James.	Feb. 14	1794	Dorr, Russel.	May 8	ib.
Drake, James.	May 9	ib.	Dodge, Jordon.	July 8	ib.
Davis, J.	April 14, 1796. May 18, 1810.		Dodge, Samuel.	Feb. 9	1808
Dawson, Robert.	May 12	1796	Dana, S. W.	Aug. 30	ib.
Dellet, James.	Dec. 23	1796	Devotie, John.	Dec. 5	ib.
Du Val, B.	May 3, 1797. Feb. 14, 1799. Oct. 29, 1804. April 26, 1808.		Dickerman, Hez.	Dec. 27, 1808. May 9, 1809.	
Dulhuier, Henry.	Aug. 18	1797	Dotterer, Henry.	Feb. 16, 1809. May 1, 1810.	
Dixey, John.	Jan. 24	1798	De Reimer, Samuel.	May 15	1809
Dearborne, B.	Feb. 14, 1799. April 30, 1799. Apr. 26, 1808. June 20, 1816. March 24, 1819.		Dewey, D.	June 27, 1809. July 5 1813. Dec. 7, 1813. Mar 16, 1818.	
Duty, Andrew W.	May 8	1799	De Savignac, P. A.	July 13	ib.
Deneale, J. J.	July 10, 1800. Nov. 20, 1804. Dec. 4, 1806. July 1, 1809.		Decatur, S. and W. Tatham.	Oct II	ib.
Downing, S.	June 12, 1801. April 19, 1802. June 12, 1802.		Dyster, Joseph Joshua.	Feb. 23 1810. Feb. 9, 1820.	
Du Pre, L.	May 12, 1802. Feb. 3, 1807		Drury, Winsor.	March 19	1819
Du Bue Marentille, Abram.	Dec. 23, 1802. March 18	1803	Downer, Elisha.	April II	ib.
De la Bigaree, Peter I. B. M. Pecornele.	March 24	ib.	David, John.	May 5,	ib.
Day, Augustus, Wm. Bache and I. Todd	June 15	ib.	Dow, P.	July 12, 1810. Aug. 15,	ib.
Dyer, W. B.	Feb. 27	1804	Day, Augustus.	Jan. 19	1811
Dean, Daniel S.	Feb. 29	ib.	Dewey, Sherman.	March 2	ib.
Daniel, Phineas.	March 31	ib.	Dunlap, Andrew.	May 3	ib.
Deaver, John.	July 12	ib.	Dungan, David.	May 23	ib.
Du Pont de Nemours, E. I.	Nov. 23	ib.	Dana, Jacob A.	July 23	ib.
Deane, William.	Nov. 4	1805	Decker, Jacob.	Sept. 2	ib.
Dexter, G. B.	Dec. 18, 1805. Oct. 9	1805	Dod, Dan.	Nov. 29, 1811. May 12, 1812. Feb. 2, 1813.	ib.
Dickey, Samuel	March 7	ib.	De Lacy, John D.	March 28	1812
			Dudley, Ambrose.	March 31	ib.
			Dunn, W.	April 1, 1812. April 8 1813.	
			Davidson, John.	April 3	ib.
			Dickerson, Lemuel.	July 18	ib.
			De Silver, Robert.	Sept. 14	ib.

Denison, Erastus. Dec. 30	1813	Dalmas, Charles. April 26	1816
Dempsey, Stephen. Feb. 4	ib.	Derby, Joseph H. April 30	ib.
De Witt, Simon. April 30	ib.	Dalie, Silas. May 28	ib.
Drummond, John. July 14	ib.	Draper, Isra. June 7	ib.
Durring, Edmond. Jan. 21	ib.	Davis, S. Jan. 22 1817 Mar. 28 1818	
Deane, Ezra January 13	ib.	Detroitmonts, Louis D. April 5	1817
Derby, Joseph H. March 26	ib.	Dearborn, John M. May 3	ib.
Dowers, John, jun. April 23	ib.	Darmand, Charles. Aug. 7.	ib.
Davey, Jacob. April 7	ib.	Dow, P. and D. Treadwell. Aug. 8	ib.
Duprey, Joel M. April 13	ib.	Durand, J. P. Oct. 3 1817. Jan. 17	
De Butts, Elisha. May 5	ib.	1818.	
Dexter, Willaby. May 17	ib.	Donaldson, Alexander. Jan. 15	1818
Dudley, Luther. May 27	ib.	Durand Cyrus. March 17	ib.
Deering, Richard. May 28	ib.	Deprest, Renner, Lt. May 9	ib.
Dunham, D. June 28, 1813.		Davis, G. May 26, 1818. May 26	ib.
Davis, William. January 24	1815	Dwight, J. and Sullivan. July 17	ib.
Duncan, William and J. Davidson.		Deverin, J. and Baptiste Isabelle.	
May 29	ib.	July 6	ib.
Densmore, A. July 29 Ditto.	ib.	Dana, Dow, and A. Olney. Aug. 24	ib.
Doulery, John L. Sept. 21	ib.	Drummond, James. Aug. 27	ib.
Donaldson, Richard A. and J. L.		Dayton, Giles, jun. March 18	1819
Wheeler. Sept. 25	ib.	Decker, Israel. April 3	ib.
Demund, Joseph and S. Demund.		Dexon, Peter. July 16	ib.
Jan. 17	1816	Deming, George. July 23	ib.
Du Commun, Joseph Feb. 10	ib.	Draper, Simeon. Aug. 26	ib.
Drake, G. Mar. 14 1816. Feb. 28		Duplat, Marc Marie. March 16	1820
1817. Oct. 26 1818.		Day, Henry and Jacob. April 4	ib.

E.

Evans, Oliver. Dec. 18, 1790. May 28,		Edwards, Wm. Oct. 19, 1812. Dec.	
1796. Jan. 16, 1800. Feb. 14, 1804.		30, 1812. April 3, 1816. Sept.	
Jan. 22, 1808. April 15, 1811.		II, 1817.	
Ellicot, Joseph. March 25, 1795.		Elliot, Wm. February 16	1813
Eaton, James Feb. 16, 1796		Edmonston, Sam. S. Sept. I, 1813.	
Elliot, Richard. Nov. 16, 1797		April 3, 1819.	
Ellis, Wm. June 26, 1799		Earl, Willard. September 3	ib.
Ellicott, David. May 1, 1801.		Ewing, John, and David Dickey.	
Eveleth, John. June 13, 1801. Feb. 27,		October 2	ib.
1806. April 23, 1812.		Ewell, Thomas. Dec. 7	ib.
Ellicott, Ben. May 12, 1802.		Eckstein, F., and J. McIlhenny.	
Eve, J. Dec. 6, 1803. May 28, 1818.		October 12	1814
Earl, Pliny. Dec. 6	1803	Eaton, Theophilus. December 7	ib.
Elgar, Joseph. Dec. 16	ib.	Elgar, N. June 19, 1815. July 25	1815
Eaton, Jos. April 14	1804	Elgar, John. June 21	ib.
Evans and Coates. See <i>Coates</i> .		Ebert, John. September 8	ib.
Eggleston, Ben. jun. May 27	1805	Enters, Lewis, and Wm. Zigler.	
Edward, John. May 19	1806	September 23	ib.
Ellis, Jon. Feb. 10	1807	Ellicot, Thos. February 17	1816
Elliot, Richard R. Feb. 28	ib.	Eels, Samuel. February 24	ib.
Erwin, Hazen Dec. 28	1808	Elder, John. April 11	ib.
Elgar, Jos. sen. and John Elgar.		Ewing, John. April 30	ib.
September 1,	1806	Elliot, Moses. May 18, 1816. June	
Ellis, Sam. November 25	ib.	1818.	
Elliot, Jon. Jan. 8, 1810. Feb. 15,		Edwards, John. August 22, 1816.	
1811.		Nov. 19, 1816. May 25, 1818.	
Easton, Peleg. Feb. 1	1810	February 17, 1820.	
Easterly, George. February 5	ib.	Ellicott, George. September 20	ib.
Ennalls, Joseph. April 10	ib.	Ewings, James. Feb. 10	1817
Eaton, William. Oct. 29	ib.	Eagleson, Wilk. R. October 4	ib.
Eastman, Abicather. April 8	1811	Elliot, Rufus. February 14	1818
Ellis, Abner. June 6	ib.	Eoff, John. March 15	ib.
Evans, Jonathan. Jan. 6	1812	Eastman, Cyrus. April 16	ib.
Elliot, James, jun. May 26	ib.	Evans, John. April 21	ib.

Everard, Francis A. April 28	1818	Eames, Thomas. April 29	1818
Ellicott, Evan J. April 28	ib.	Eastman, Robert, and Jos. Jaquitt.	
Ellis, Joseph. April 26	ib.	March 16	1820
F.			
Fitch, John. August 26, 1791		Ford, Ebenezer. Dec. 21	1809
Folger, B. Jan. 2, 1799. July 17, 1804		Farwell, Leonard. March 5	1810
Farrington, T. May 9, 1792		Fairbank, Benjamin. March 5	ib.
Fennel, James. September 24, 1794		Flagg, Josiah and Jos. Flagg, jun.	
Fowler, John. Nov. 16, 1796. Jan. 4, 1810. Feb. 24, 1787.		May 17	ib.
Frobisher, Wm. Nov. 17, 1796.		Fairchild, Reuben, and Ebenezer.	
French, D. Dec. 23, 1796. July 25, 1803. Oct. 9, 1805. Oct. 12, 1809. Aug. 22, 1811. April 23, 1817.		June 1	ib.
Frost, Jason. Dec. 23, 1796		Frisbie, Jeremy. June 30	ib.
Faris, Wm. April 29, 1797. May 17, 1799.		Foster, Ben. Daniel, Washburne, Northorp Rockwell, and J. O. Walker, Aug. 16	ib.
Fling, Lester. December 19, 1797.		Fuller, Sal. Feb. 19, 1811. Nov. 14, 1814.	
Fairman, G. and J. Hutton. Jan. 3, 1802.		Ferris, Thomas. Aug. 20, 1811	ib.
Fobes, N. Aug. 2, 1802. Dec. 31, 1804.		Freman, Erastus, V. April 10,	ib.
French, Rich., and J. J. Hawkins. May 17	1803	Ford, J. and J. White, Nov. 25,	ib.
Frost, Abraham. March 19	1804	Fink, Henry. Jan. 6,	1812
Folger, Laban. November 1	ib.	Francis, William. June 23,	
Fairbanks, John. Nov. 30, 1803. April 21, 1808. Aug. 14, 1810.		Fessenden, W. G. Oct. 20,	ib.
Forger, Michael. May 10	1805	Fisher, Charles F. July 12	1813
Folsom, Wm. J. and John Hayden. Dec. 17	ib.	Foster, Wm. jun. and Leonard. Aug. 20	ib.
Finn, William. February 13	1806	French, Lewis. May 18	1814
Fales, Charles. February 11	1807	Fitch, Samuel. Oct. 29	ib.
Fisher, Abraham. February 19,	ib.	Frymuth, Benjamin E. Dec. 22	ib.
Fox, Joel, jun. February 25	ib.	Fuller, Jacob. March 19	1816
Freytag, Michael. July 1	ib.	Flagg, Calvin June 29	ib.
Frothingham, Sam, and G. Harris. April 20	1808	Eisher Schuyler. July 15	ib.
Flower, William. May 14	ib.	Fairlamb, Samuel. Oct. 24,	ib.
Finley, James. June 17	ib.	Farrington, Elijah. Oct. 26.	ib.
Frost, Esa. September 21	ib.	Fountain, D. and M. April 5,	1817
Fourestier, Eli. November 17	ib.	Francis, Wm. July 11,	ib.
Farnham, Joseph. November 23	ib.	Franklin, Henry P. and William B. Winsor, Aug. 8,	ib.
Fulton, R. and N. Cutting. Mar. 4	ib.	Fettrow, Andrew. May 28,	ib.
Farnham, Joel. January 7	1809	Farnham, Henry. Sept. 5,	ib.
Fulton, Robert. Feb. 11, 1809. February 9, 1811.		Finigan, James. Oct. 8,	ib.
Fales, James. February 22	ib.	Foster, Aaron. Nov. 25	ib.
Few, William. March 1	ib.	Fraser, W. L. March 19,	1819
Foster, Nathaniel. June 28, 1809. July 8, 1813.		Fahnestock, Samuel. April 23,	ib.
Freeman, Timothy. June 30	ib.	Foster, A. W. and J. Hugus, April 26	ib.
Farra, Atkinson. Dec. 3	ib.	Forrester, Lot. May 15	ib.
		Field, Henry. June 17	ib.
		Fulton, Gardiner. Aug. 21	ib.
		Foot, Nison. October 28	ib.
		French, D. and P. Bliss. Jan. 22	1820
		Fraser, Simon. March 23	ib.
		Fry, Henry. April 6	ib.
G.			
Gordon, Peter. August 10, 1791		Godfrey, John and W. Lane. July 14 1798	
Green, Samuel. March 28, 1792		Gould, Chester. May 27, 1799	
Grant, Robert. October 1796		Gebhard, John G. Feb. 4	1800
Garretson, Isaac. Nov. 16, 1796. May 29, 1797.		Gorham, Stephen. Feb. 4	ib.
Greive, David. June 8 1797. Feb. 13, 1801. April 14. Sept. 18, 1818.		Grout, Jonathan, jun. Oct. 24	ib.
		Guest, H. Jan. 16, 1801 Jan. 26	1801

Garber, Michael. Feb. 20 April 17, 1804	1801	Gibson, Edward. May 19	1811
Green, Caleb. July 23	ib.	Gorsuch, William. Aug. 17	ib.
Greenleaf, John. July 13	1802	Gehbe, Earnest. October 18	ib.
Groves, Mathew C. Sept. 3	ib.	Giffen, William. January 11	1812
Gorton, Benjamin. Nov. 29	ib.	Gaston, Charles. January 31	ib.
Gardiner, John. Dec 3	ib.	Gillet, N. and J. Smith. April 8	ib.
Godfrey, John W. May 25	1803	Gire, Samuel K. May 4	ib.
Geanty, Lewis. Aug. 4	ib.	Geiger, Paul. May 12	ib.
Goodwin, Sam. October 31, 1803. July 7, 1809.		Grannis, John. April 12	ib.
Gilman, Ward, and Wm. Jackson. March 19	1804	Gordon, Elisha. June 26	ib.
Giraud, John J. April 18, 1804. Dec. 22, 1810. May 15, 1811. June 14, 1811. June 26, 1813 Aug. 3, 1813. Feb. 28, 1814. March 24, 1814. Sept. 9, 1817. April 10, 1818. April 19, 1820.		Giles, Nehemiah. Nov. 19; Nov 19	ib.
Goltry, Paul. April 24	ib.	Gillard, Peter. December 4	ib.
Geysenheyner, F. W. Dec. 22	ib.	Grandin, William. January 5	1813
Guy, Francis. Dec. 30 1803. Feb. 22 1819		Guernsey, Chauncey. July 7	ib.
Glover, Simeon. May 4	1805	Gibbs, Abraham. August 31	ib.
Goodwin, Sam. and Rich. Gaines. January 22	1806	Guiramaud, J. M. January 7	1814
Gookins, Richard. January 24	ib.	Geissenheimer, F. W. January 14	ib.
Gould, John F. March 1, 1806. March 8, 1806. Feb. 1, 1808.		Gray, John. February 4	ib.
Gaines, Rich. March 17	ib.	Gleason, James. March 7	ib.
Guild, Abner. March 31	ib.	Gregg, Thomas. Mar 16; Mar 19	ib.
Gridley, James. May 23	ib.	Getzendanner, Jacob. Sept. 19	ib.
Green, Timothy. April 1	1807	Goodwin, Wm. and Jonathan, jun. October 16	ib.
Green, John. May 20	ib.	Gillespie, Robert. January 31	1815
Glover, Simeon, and D. Parmelie. June 8	ib.	Griffing, Edward C. August 10	ib.
Gridley, Giles. Mar. 13; Mar. 14	1808	Greenough, Bracket L. Sept 12	ib.
Geer, Uzziel. July 18	ib.	Gates, John M. September 14	ib.
Gragg, Samuel. August 31	ib.	Graham, John. November 9	ib.
Gunn, Enos. December 19	ib.	Greely, Allen. December 23	ib.
Gedney, Robert. June 26	1809	Green, Allen, sen. March 5	1816
Groff, Philip. December 16	ib.	Goodsell, Naman. June 13	ib.
Gill, Isaac. January 15	1810	Goodrich and Hepburn. Aug. 29	ib.
Gregg, John. March 14	ib.	Gilpin, Thomas. December 24	ib.
Gillespie, Robert. April 2	ib.	Griffith, Sam. February 1	1817
Garber, Michael, jun. July 13	ib.	Griswold, Ira. April 16	ib.
Gray, Simeon. August 17	ib.	Grandval, H. G. De. October 3	ib.
Granger, William. September 6	ib.	Green, James. October 3	ib.
Graham, A. Nov. 6. Nov. 21	ib.	Geib, John. October 3	ib.
Galvin, John. November 6	ib.	Grant, John. November 11	ib.
Greswold, C. and M. A. Potter. November 20	ib.	Greenwood, Holmes. January 28	1818
Gates, Cyrus. December 15	ib.	Grieve, David. April 11 1818. Sept. - 18 1818.	
Goulding, Joseph. Feb. 28, 1811. March 1, 1811. March 19, 1812. August 27, 1814		Gordon, Daniel. February 14	ib.
Gray, Levi. March 7	ib.	Greenwood, James. April 28	ib.
Gale, Luther. March 20, 1811, May 16, 1815.		Gregg, James and Joseph. May 28	ib.
Gamble, William. April 18	1811	Greenholt, John. June 9	ib.
Gregg, James. May 7	ib.	Gray, Salmon. July 15	ib.
		Guttwaldt, Joseph Alois. Aug. 27	ib.
		Gallagher, Hugh. October 29	ib.
		Gray, Jeremiah. November 13	ib.
		Goodrich, Lemuel, and J. Adams. December 3	ib.
		Garratt, William. February 27	ib.
		Graves, Robert. April 10	ib.
		Geib, George. August 30	ib.
		Gillet, Daniel, jun. September 15	ib.
		Gray, Robert. November 11	ib.
		Guthrie, Rufus. January 18	1820
		Griffiths, Elijah. March 6	ib.
		Gibbs, George. March 8	ib.
		Gillett, Sena. April 6	ib.

- Hopkins, Samuel. July 31 1790
 Aug. 19, 1813. May 31 1817
 Horbert, Obadiah. January 23 1792
 Hartley, David. February 24 ib.
 Hodge, Solomon. October 23 ib.
 Hodgson, Ralph. February 1 1793
 Heterick, Robert. June 11, 1793.
 June 30, 1803.
 Hodgson, William. April 28 1794
 Hathaway, John. Oct. 24, 1794.
 May 28, 1805.
 Hillard, Joseph. May 12 1796
 Holmes, Hodgen. May 12 ib.
 Hirst, Thomas. March 11 1797
 Hall, Fitch. April 17 ib.
 Hawkins, John. July 11 ib.
 Hamlin, Samuel Ely. Aug. 30 1799
 Holden, Charles. March 15 1798
 Hunt, Jonathan. June 7 ib.
 Huntley, Joseph. January 10 1799
 Hart, Seth. January 4 ib.
 Hancock, William. February 26 ib.
 Hawkes, John. December 15 ib.
 Hawkins, John J. Feb. 12, 1799.
 Oct. 24, 1799. May 17, 1803.
 Harris, William. March 15 1800
 Hoyt, Comfort, jun. April 7 ib.
 Hottenstein, Wm. April 10 ib.
 Howard, Dean. April 10 ib.
 Hadfield, George. May 15 ib.
 Harrison, Thomas O. May 19 ib.
 Henderson, Wm. February 12 1801
 Henfrey, B. Mar. 2, 1801. April
 16, 1802.
 Hatch, Israel. March 24 ib.
 Hoxie, Christ. August 20, 1801.
 Jan. 7, 1803. July 12, 1804. May
 3, 1814.
 Hathaway, Rufus. Jan. 28 1802
 Holly, John W. March 27 ib.
 Hutter, Christian J. February 11 1803
 Hunter, George. March 24 ib.
 How, William. April 6 ib.
 Hopkins, Wm. May 13, 1803. Feb.
 24, 1804.
 Hunn, Anthony. March 24 1804
 Houston, Samuel. May 3 ib.
 Harrington, Wm. August 28 ib.
 Hooker, John. November 19 ib.
 Houston, John. May 4 1805
 Hill, Allen. May 6 ib.
 Hinniston, William, jun. May 10 ib.
 Hoeman, John. June 1 ib.
 Husband, Abraham. Nov. 27 ib.
 Hawkins, Joseph. February 19, 1806
 Sept. 7, 1809. April 21, 1814.
 Jan. 15, 1816.
 Hawkins Sam. February 19 ib.
 Howel, Richard. March 5 ib.
 Heavin, John. April 17, 1806. May
 8, 1810. Mar. 16, 1812. Oct. 16,
 1812. Aug. 3, 1813. Feb. 8, 1814.
 Aug. 27, 1817.
 Hubbel, E. May 1 1806. June 27 1809
 Harwood, Wm. July 3 1806
 Hale, William. February 7 1807
 Hardenbrook, Abel W. Feb. 10 ib.
 Hobert, Abraham. Feb. 17 ib.
 Hale, Ezekiel. February 22 ib.
 Hammond, Charles. May 6 ib.
 Harvey, Peter. May 9 ib.
 Hamaker, Christian. May 21 ib.
 Harris, Hezekiah. February 24 1808
 Hicks, Jon. January 28 ib.
 Heaton, Phil. Mark B. Boyers, and
 Philemon Heaton, jun. Mar. 4 ib.
 Hayes, Simon. March 8 ib.
 Hopkins, Roswell. March 25 ib.
 Harris, George. See *Sam. Frothingham*.
 How, Nehemiah. April 25 ib.
 Henry, Theron. July 11 ib.
 Hotchkiss, Elihu. August 2 ib.
 Henderson, Joseph. Dec. 26 ib.
 Horne, Abraham, January 6 1809
 Hill, Eli F. Feb. 11. Feb. II ib.
 Hock, Lawrence. February 15 ib.
 Haskeil, Roger. February 25 ib.
 Haggat, Amos. June 9 ib.
 Mosford, A. and E. Kelsey. June 27 ib.
 Hamilton, James. July 31 ib.
 Hommedieu, Ezra L. July 31 ib.
 Hopkins, John. August 24 ib.
 Harrington, Nath. Oct. 14 ib.
 Huling, George. November 25 ib.
 Holmes, Alan. Jan. 8 1810. March
 23, 1813.
 Herrick, John, jun. February 1 ib.
 Hall, Ben. March 8, 1810. May
 13, 1813.
 Hunt, Daniel. March 22 ib.
 Holland, Luther. March 28 ib.
 Hartshorne, Joseph. April 20 ib.
 Hoskin, Shubacl. April 30 ib.
 Harris, George. May 3 ib.
 Hines, Joseph. June 16 ib.
 Hall, Stephen. July 13 ib.
 Harrick, Eben. August 17 ib.
 Harris, Joseph. August 21 ib.
 Harper, Nathan. October 30 ib.
 Henderson, Allen. November 24 ib.
 Hall, Chauncy. December 24 ib.
 Hackley, Philo M. Jan. II, 1811.
 Oct. 9, 1813. Jan. 23, 1815.
 Hancock, Robert, jun. and E. Carr.
 February 6; March 1 1811
 Hovey, Elcazer. May 11 ib.
 Hinman, Luke and Luther Eissel,
 and Moses Carnes. June 7 ib.
 Harrington, Allen. July 16 ib.
 Hughson, John. July 18 ib.
 Hollingsworth, Wm. July 30 ib.
 Hanshaw, And. and Nath. Hariow.
 August 30 ib.
 Hollin, Luther. September 10 ib.
 Humphreys, Wm. October 4 ib.
 Harper, W. Oct. 4. April 29, 1819.

Howell, James. January 11	1812	Harrison, Thos. and R. Pierpont.	
Hart, Jos. and Lester Flin. Jan. 18	ib.	October 18	1814
Hill, W. K. February 7	ib.	Hills, Samuel, and M. Emery, jun.	
Hort, B. S. Feb. 21, 1812. Oct. 9, 1813		October 21	ib.
Hunt, John. March 11	ib.	Hart, Naphtali. October 21	ib.
Hunt, Charles. March 17	ib.	Hali, James. Nov. 19, 1814. Nov.	
Hesser, C. and A. Paxon. April 11	ib.	27, 815.	
Hazard, E. and J. White. May 15	ib.	Hatch, John. May 1	1815
Hart, Webb. May 25, 1812. Jan.		Harris, Charles. May 15	ib.
22, 1817.		Hughes, Jacob. September 15	ib.
Holliday, H. S. and E. G. Griffin.		Hassell, James. October 21	ib.
June 16	ib.	Hall, Joshua. December 27	ib.
Haws, John. June 19	ib.	Henry, Hayes. February 24	1816
Hill, Abel. June 30	ib.	Hall, Philander. April 2	ib.
Hart, Seth. July 27	ib.	Honewells, Israel. April 27	ib.
Hathaway, Isaac. August 6	ib.	Higginbottom, Wm. July 12	ib.
Haupt, Sebastin. November 16	ib.	Heath, David. July 26	ib.
Howe, Jos. and Wm. Lankester.		Hilton, John. August 22	ib.
November 25	ib.	Henry, Lewis. August 24	ib.
Haupt, John, jun. December 14	ib.	Hanks, Benjamin. November 4	ib.
Hart, Othas. December 31	ib.	Harper, George. Jan. 22, 1817.	
Howe, William. December 31	ib.	March 23, 1818.	
Haman, Daniel. March 3	1813	Hodge, Lemuel. March 3 1817.	
Hummell, David F. April 29	ib.	June 22, 1819.	
Hunt, Melzer, and Cotton White.		Haskell, John. March 20	ib.
June 15	ib.	Haslett, Wm. April 17	ib.
Hotchkiss, Josiah. June 18	ib.	Hull, Amos G. July 17	ib.
Hitchcock, Silas. June 25; Aug. 7	ib.	Herrick, Samuel. July 21	ib.
Haskell, Ezra. June 25	ib.	Helme, John C. August 1	ib.
Hurlbut, Dan. August 4	ib.	Hilyard, Eben. September 10	ib.
Hollingshead, John, and S. Baker.		Hale, Benjamin. Oct. 4, 1817. Jan.	
August 19	ib.	17, 1818.	
Haight, Halstead E. and J. Aug. 30	ib.	Hagner, George F. Oct. 13	ib.
Hess, John. October 2	ib.	Hall, Everard. November 14	ib.
Harrington, Daniel. October 4	ib.	Hoyt, Thomas R. December 6	ib.
Hall, F. Oct. 7, 1813. Nov. 28, 1817		Hall, Moses. December 31	ib.
Hill, Silas. October 22	ib.	Hall, Aaron and John. Dec. 31	ib.
Hamilton, Alex. James. Nov. 8	ib.	Hunter, William T. January 8, 1818	
Humes, John. December 30	ib.	Homer, Joseph. January 28	ib.
Hunt, Sam. December 30	ib.	Hersey, Jenn. February 9	ib.
Hoffman, Isaac. December 31	ib.	Harrison, Francis. March 16	ib.
Hershe, Abraham. January 15	1814	Hendricks, B. & H. Priece. Apr. 13	ib.
Holbrook, David. March 28	ib.	Hendrick, Wm. June 12	ib.
Hartman, Jacob. March 31	ib.	Hurdie, Nobie. October 1	ib.
Howe, Martin. April 2	ib.	Henry Arthur. October 28	ib.
Hord, Thomas. April 8	ib.	Hallock, John. November 5	ib.
Humphreys, R. and I. C. April 22	ib.	Hayward, Ansel. November 23	ib.
Hawkins, Wm. M. April 23	ib.	Headley, Joseph. February 3	1819
Hawes, Silas. May 11	ib.	Hines, William. February 6	ib.
Harris, Benjamin J. May 17	ib.	Hasbrouck, Wm. M. D. and Jacob	
Hawkins, W. and John D. May 26	ib.	Difenback. February 8	ib.
Headley, Ben. June 14; Dec. 16	ib.	Harris, Zadock. March 17	ib.
Hill, Charles. July 7	ib.	Hendryx, Beardsley. May 6	ib.
Harrison, James. Aug. 22	ib.	Heaton, James. July 28	ib.
Hopkins, Asa. August 22	ib.	Hiatt, Zachariah. August 20	ib.
Hathaway, Charles. October 11	ib.	Haskell, Ben. November 3	ib.
Hill, Wm F. Oct. 15, 1814. July		Holmes, Wm. April 4	1820
11, 1813.		Hackley, Harvey. April 21	ib.

I.

Miller, Jacob. Sept. 24, 1802. July		1809. Feb. 24, 1812. May 19,	
30 1819.		1812. June 18, 1814. Aug. 7,	
Hsley, Daniel. May 14	1803	1815. Oct. 25, 1816.	
Ives, Ira. April 14, 1803. June 24,		Ives, E. and J. H. H. June 3	1808

Ives, Fitch. July 5	1808	Johnson, Asa. January 11	1812
Isaacs, M. and J. Willbank. Oct. 14	1817	Jones, Noel. March 14	ib.
Isaacs, M. March 17, 1818. May 18, 1818. Nov. 17, 1819.		Jennings, I. April 1 1812. Nov. 28 1815. Jan. 17 1817.	
Johnson, Moses. June 30	1797	Jencks, Chas. April 25	ib.
Jervis, Bill. July 8	ib.	Jones, Wm. May 13	ib.
James, George. November 16	1796	Jelleff, Jos. Sept. 8 1812. May 24 1815.	
Jocelin, Simeon. May 8, 1800. July 13, 1809.		James, W. T. Nov. 19 1812. April 26 1815.	
Johnson, Henry. May 10	1802	Judson, Tim. and J. Hotchkiss. November 24	ib.
Janes, Seth. December 31	1804	Jessup, John. February 5	1813
Jenks, Eben. June 1 1805. Apr. 17 1807		James, John, 3d. May 4	ib.
Jones, E. July 24 1807. June 20 1808		Jackson, Cyrus. May 28	ib.
Jennings, I. Nov 20 1807. April 25 1808. Sept. 20 1808. April 17 1809. June 13, 1809. Mar. 30 1810	1810	Jencks, C. and A. Pease. July 12	ib.
Johnson, John. March 21,	1808	Janes, Alfred. March 1	1813
Johnson, Caleb. June 3	ib.	Jencks, E. Nov. 13, 1813. June 6, 1817. Jan. 28, 1818	Sept. 2 1818.
Jelleff, Joseph. June 13	ib.	Jennings, Samuel K. January 21	1814
Jones, Luther. December 10	ib.	Jaques, Eliphalet. May 24	ib.
Jones, Jonathan. Feb. 11	1809	Jackson, Wm. Feb. 2	1815
Jones, Ezra G. April 21	ib.	Jackson, James. April 1	ib.
Jones, N. May 9 1809. July 23 1816		Janes, W. and D. Bolles. April 26	ib.
Joze, John W. July 17	ib.	Jillson, Asa. May 27	ib.
Josslyn, James. July 25	ib.	Judkins, Wm. June 26	1816
Johnson, John, jun. Nov. 22	ib.	Jackson, Robert. July 23	ib.
Jones, E. and P. White. Dec. 21	ib.	Johnson, Luke. August 6	ib.
Janes, Walter. Feb. 16 1810 Aug. 20 1810. Sept. 1, 1810. March 20 1813 May 6 1819.		Josselyn, Charles. October 9	ib.
Jones, Adorida, jun. March 14	1810	Jordan, John. April 30	1817
Judd, Oliver, jun. May 1	ib.	Jenkins, Gridley. May 16	ib.
Jackman, Wm. October 8	ib.	Jaquith, Josiah. June 26	ib.
Jewitt, David. January 24	1811	Jones, James. February 25	1818
Johnson, John C. May 16	ib.	James, Joseph. October 18	ib.
Jessup, Thomas W. June 18	ib.	Jenkins, Palmer. February 6	1819
Jessup, Jonathan. July 1	ib.	Jones, Samuel June 2	ib.
Jacques, Moses, and H. Freeman. July 2	ib.	Johnson, Jasper. July 31	ib.

K.

Kuhn, Ludwig C. August 10	1791	Keyser, George. July 27	ib.
Keyzer, Henry. August 10	ib.	Kelsey, Ezekiel. See <i>Allen</i> .	
Kirk, Timothy. May 9 1792. Dec. 20 1802. July 28, 1803.		Kent, Emanuel. Sept. 14	1804
Kinsley, A. Feb. 1 1793. Dec. 20 1794. Nov. 16, 1796. Aug. 12 1797. Oct. 29, 1799.		Kunitz, John. May 6	1805
Kincaid, John. November 25	1794	Kimball, Increase. May 1	ib.
Kellog, Samuel. Jan 31	1795	Kelsey, Azael A. October 9	ib.
Keller, Daniel. May 25 1795. Nov. 5, 1799.		Killogg, Friend B. Nov. 22	ib.
Kersey, Jesse. Feb. 24	1797	Kennon, John. March 26	1806
Kelley, Hattil, 2d. Feb 12	1800	Kensey Charles. May 8	1807
Kilborn, Jonathan. August 23	ib.	King, Nicholas. March 10	1808
Kent, Nathan. May 1	1801	Kilborne, Robert. April 12	ib.
Krafft, Michael. Oct. 28.	ib.	King, Elm. May 14	ib.
Kennedy, Leonard. Sept. 7 1802. April 26 1808		Kies, Mary. May 5	1809
Kilborn, L. J. June 4 1803. Oct. 12; Oct. 13 1809.		Kindall, Levi. May 8	ib.
Keeler, Walter and Jas. Waring. June 25	1803	Kimball, Shubal. Aug. 12	ib.
		Kelsey, Israel. Aug. 25	ib.
		King, Roswell. Nov. 21	ib.
		Kneeland, Seth R. Oct. 9	ib.
		Kellog, George C. March 4	1811
		King, Vincent and Jer. May 30	ib.
		King, Ben. Nov 15 1811. May 29 1817.	

Klay, John. January 11	1812	Klassen, Charles. May 22	1816
Kelley, Zaccheus. April 22	ib.	Kurtz, And. June 28	ib.
Kennedy, Walter. June 12	ib.	Keen, Joseph S. October 1	ib.
Kirk, Nathan. See <i>Sam. Clark.</i>		Kello, J. and C. Joseph. June 10	1817
Kimball, W. and S. Willard, jun. October 23	1813	Kendall, Jeremiah. March 18	ib.
King, Jesse. March 1	1814	King, Abram. April 28	ib.
Kello, Joseph. April 1	1815	Koarsing, Thomas. June 6	1818
Kneass, John. April 28	ib.	Kendricks, John. June 10	ib.
Kendal, Jonas. Jan. 4 1806. Aug. 22, 1817. Jan. 28, 1820.		Kientzle, John G. Oct. 8	ib.
Kelley, H. Feb. 16; May 13	1816	Kenyon, Benoni. March 15	1819
Kugler, Ben. April 23	ib.	Kimball, Ephraim. April 8	ib.
		Keys, Israel. Feb. 23	1820

L.

Livingston, R. R. Aug. 4, 1791. October 28, 1799.		Lamson, W. and C. Curtis. Jan. 6 1809	
Leslie, Robert. May 9 1792. Jan. 30 1793. Feb. 2 1793.		Linsey, James. Feb. 4	ib.
Lee, Samuel, jun. April 30	1796	Lecesne, Lewis. June 26, 1809. Dec. 4 1811. June 23 1812.	
Leach, Calc. April 13	1797	Lainhart, Henry, jun. July 6	ib.
Lazell, Isaac May 18	1798	Lapish, Ben. U. Aug. 15	ib.
Love, John. June 11	ib.	Lloyd, Robert. Feb. 8	1810
Lee, Sam. H. P. June 26 1799. Feb. 8 1814.		Laighton, Mark. March 14	ib.
Long, James. August 5	1799	Lee, Samuel. May 24	ib.
Ladd, Nathaniel. Feb. 12	1800	Lefever, Joseph h. June 13	ib.
Lyon, Patrick. Feb. 12	ib.	Loofborrow, Isaac. June 26	ib.
Lorillard, P. June 28 1800. April 25 1810.		Lundy, Elcazer. August 14	ib.
Lossing, Peter. August 4	ib.	Letton, Ralph. August 29	ib.
Langdon, Bar. Feb. 20 1801. May 10 1805. April 23 1807. Feb. 22 1817		Lee, James. January 14	1811
Ladd, Jeremiah. July 17	1801	Lewis, Marshall. May 24, 1811. April 12 1820.	
Leslie, Wm. November 5	ib.	Langdon, Bar. and Wm. Mowrey. June 20	ib.
Law, Andrew. May 12	1802	Lyon, Joseph. July 1 1811. Jan. 5 1815.	
Lazarus, Simon. Dec 31	ib.	Lies, B. Aug. 19, 1811. Aug. 6, 1812. June 20 1815.	
Launy, David F. March 21, 1803. Aug. 23, 1811. March 18 1813.		Landes, Abram. Aug. 28	ib.
Lownes, David. July 21	1803	Larrabee, Lebbeus. Nov. 4	ib.
Livingston, Gilbert. Oct. 22	ib.	Leonard and Enoch. Jan. 6	1812
Lord, Sam. P. jun. March 10	1804	Low, Jonathan. Feb. 24	ib.
Langstroth, Thos. May 1	ib.	Lloyd, Nichodemus. Feb. 20	ib.
Lester, Eben. May 10 1805. Feb. 12 1806. July 11 1808. May 18 1811.		Luther, C. and J. Smith. May 5	ib.
Lilie, William. Oct. 9	1805	Long, Charity S. May 27	ib.
Lippart, Fred. May 3	ib.	Livingston, Robert R. June 13	ib.
Loomis, S. & C. McLean. Sept. 25	ib.	Lathrop, Rufus. Nov. 12	ib.
La Paype. Nov. 4	ib.	Large, D. and F. Grice. Nov. 12	ib.
Lewis, Webster. July 10	1807	Lankester, Wm. Dec. 24	ib.
Longwell, Mathew. July 11	ib.	Loomis, John. Dec. 24	ib.
Lehman, Joseph. August 11	ib.	Latour, Louis M. Feb. 16	1813
Lee, Mar. and T. Barber. Oct. 1,	ib.	Lloyd, James. May 11	ib.
Lee, Martin, June 4 1808. June 8 1809. Nov. 6 1817.		Ludlum, James. Aug. 3	ib.
Loomis, Dud. and I. Millington. July 12	1808	Long, S. I. and Geo. F. H. Hauto. September 3	ib.
Lewis, W. June 24 1808. June 8 1810. Jan. 23 1818.		Lutgin, Henry. Sept. 8	ib.
Lucas, J. jun. July 12 1808.		Loring, Daniel. Dec 31	ib.
Leibette, John P. Oct. 7	ib.	Lewis, Wm. J. Feb. 1 1814. Feb. 1, 1816.	
		Lineback, John. March 31	ib.
		Lester, Eben. Avery. April 2	ib.
		Love, John. June 14	ib.
		Laighton, Luke M. Nov. 29	ib.

Lowell, F. C. and P. T. Jackson.		Laighton, L. M. & Mark.	Sept 1	1817
Feb. 23	1815	Langworthy, Wm. A.	Feb. 28	1818
Lovett, George.	April 1	Lotz, John E.	March 18	ib.
Lawrence, Wm.	April 13	Lete, Nicholas A.	June 11	ib.
Lane, Aaron.	May 14 1815. Sept.	Leaming, Sam. M.	July 6	ib.
15 1818. Sept 18 1818.	ib.	Lamb, James.	July 17	ib.
Lane, Joshua.	May 15	Little, Joseph.	July 25	ib.
Learned, Sam.	August 3	Lewis, Nath. H.	Aug. 26	ib.
Lowe, Gilbert D.	Aug. 12	Leonard, Wm. B.	Jan. 9	1819.
Liddle, Wm.	Sept. 21	Lewis, Wm. J.	Feb. 3	ib.
Lloyd, David	Jan. 7	Lloyd, Joseph.	March 2	ib.
Latting, Jacob.	April 26	Lyon, James.	April 3	ib.
Lee, David.	May 6	Lansing, John, jun.	April 30	ib.
Littleboy, Maulby J.	May 28	Langdon, B. and J. C.	June 5	ib.
L'Hommedieu, Ezra.	July 17	Lamb, Joshua.	August 21	ib.
Leibenan, Henry F.	Sept. 7	Lucas, Jonathan, jun.	Nov. 6	ib.
Lannay, Peter.	Dec. 4	Lynar, Anthony.	Dec. 24	ib.
Lothian, George B.	Dec. 18	Lick, Charles.	Jan. 22	1820
Lewis, Nathan.	March 29	Lamb, John.	March 18	ib.
Leman, Eben. sen	May 23	Lowerce, Wm. R.	March 29	ib.
Lupton, John.	July 31			

M.

Mullikin, Sam.	March 11, 1791.	Mathews, John.	August 13	1805
Jan. 15, 1795. Feb. 20, 1797.		July 6 1809.		
Feb. 11, 1807.		M'Nitt, Alex.	June 15	ib.
Macomb, James.	August 26	Mack, Elisha.	Mar. 21 1806. Nov.	
Morris, Geo.	July 10	12 1811.		
Morey, S.	Jan. 29 1793. Mar. 25	Morison, M.	Feb. 14 1806. Jan.	
1795. April 11 1796. March 27		17 1811. Aug. 15 1811.		
1799. April 24 1799. Nov. 17		Mott, Joseph S.	March 8	1806
1800. April 8 1812. June 18 1813.		M'Lean, Charles.	See <i>S. Loomis.</i>	
July 14 1815. Mar. 13 1817. Dec.		M'Combs, Solo. J. Smith, and B. D.		
11 1817. Jan. 19 1819. Jan. 20 1819.		Galpin.	May 24	ib.
Markley, John.	July 16	Mills, Zachariah.	July 17	ib.
M'Lean, James S.	May 27	Morgan, John T.	October 9	ib.
M'Kechnie, Lundin.	July 1	Montgomery, Wm.	Feb. 10	1807
Mangin, Joseph F.	July 2 1796.	M'Ilvain, Jer.	April 1	ib.
February 16 1797.		Mix, Jonathan.	April 18 1807. Jan.	
Murray, John.	Dec. 23	17 1808 June 3 1813.		
M'Callmont, James.	Feb. 20	M'Ilwham, Thos.	October 6	ib.
Martin, John.	Nov. 21 1797. April	Moon, Samuel, jun.	October 24	1808
27, 1798. Jan. 5 1820.		Mirick, Stephen.	November 30	ib.
M'Kean, Robert.	March 24	Martin, Levi.	December 19	ib.
Manning, John.	April 10	Miller, Wm.	January 6	1809
Martin, Thomas C.	June 2	Moss, Moses.	January 10	ib.
M'Farland, Moses.	October 29	Moor, Alex. D.	Jan. 19 1809. Aug.	
Mansfield, Rich.	October 24	7 1813		
Morton, John A.	Dec. 16 1801.	Mans, S. and J. Black.	Feb. 18	ib.
July 21 1815.		Millington, Ira.	March 2	ib.
Miller, Ezekiel.	July 19	Morneweck, Chas.	March 13	ib.
Miller, Martin.	July 19	Mirick, Ben.	April 20	ib.
Morre, Thos.	January 27	M'CORD, John.	June 13	ib.
Moffat, John.	February 1	Mason, Wm.	December 28	ib.
Marquam, Edw.	March 28	Mead, Henry.	February 12	1810
Morse, David.	June 10	Murray, George.	Feb. 13	ib.
Morey, Samual, R. Graves, and G.		Morgan, Joel.	Feb. 20	ib.
Richards.	June 15	Moore, Moses L.	February 21	ib.
Minor, Amos.	November 16	Melville, D.	Mar. 14 1810. Mar.	
Miller, Nath. and P. W.	June 5	18 1813. Nov. 18 1813.		
Miller, Dan. M.	Mar. 5; Mar. 8	Minor, Jonathan.	April 20	ib.
M'Mullin, Dan. and T. M'Corby.		Maverick, Andrew.	April 17	ib.
M'Bride, John.	August 8	Mosely, David C.	April 25	ib.

Mathews, Herman. May 15	1810	Meeker, Benjamin. October 21	1815
Miller, E. and J. Andrews. Aug. 15	ib.	Marshall, Ben. December 5	ib.
Miller, Wm. Sept. 26 1810. Aug. 15 1811.		Merritt, Lem. and S. C. Rogers. December 27	ib.
Miller, Jacob. March 2	1811	Moser, Joseph. January 26	1816
Mussey, Thomas. March 4 1811. June 10 1817. March 6 1820.		Mason, Joseph. February 8	ib.
Mumford, Harvey. March 28	ib.	Moody, Paul. March 9 1816. Jan. 17 1818. April 3 1819. March 13; Mar. 14 1817. May 6 1819.	
Morgan, John. April 10	ib.	Mead, John. March 13	ib.
Miller, Ezra L. May 11	ib.	Mewit, Oliver. May 22	ib.
M-Murtry, Chas. July 8	ib.	Mitchell, William. June 24 1815. March 26 1817. May 28 1818.	
Miller, Nath. and P. W. Aug. 20	ib.	Martin, Moses. July 8	ib.
Maker, Wm. November 12	ib.	Merril, Mervin. October 25	ib.
Macomber, James. November 19	ib.	Martial, Ben. December 7	ib.
May, Sam. January 11	1812	Martin, Anthony B. Dec. 26	ib.
Messer, Francis. January 23	ib.	Mallory, Meredith. March 3	1817
Moore, Nath. L. February 4	ib.	Munger, Geo. March 20 1817. June 23 1818.	
McDonald, James. April 1	ib.	M'Cluer, Heman. April 18	ib.
Mix, Eli. April 25	ib.	Morse, S. F. B. and S. E. Oct. 3	ib.
Mayo, William. May 15	ib.	Mott, Edward. October 4	ib.
Mabin, Richard. August 8	ib.	Mead, N. and J. Cutler. Nov. 3	ib.
Morril, Stephen. August 28	ib.	Maxwell, Hugh. December 26	ib.
Morrison, John H. Aug. 28 1812. March 18 1814.		M'Kamy, Alex. D. Feb. 10	1818
Morris, John. Oct. 3; March 3	ib.	Maltby, Ben. and Maltby Fowler. Feb. 23 1818. Feb. 26 1819.	
March 1 1815. March 7 1816.		Mount, R. and J. April 11	ib.
Malony, James. Nov. 20	ib.	Morton, John H. T. Bodley, and R. Huston. April 28	ib.
Mills, Zachariah. February 16	1813	Mackay, John. May 28	ib.
Millard, Ira. May 6	ib.	Mixer, Nathan. May 28	ib.
Mathes, James. May 27	ib.	Miller, Perry. October 26	ib.
Milne, Alex. July 14	ib.	Merot, Charles. November 5	ib.
Murray, Mathew. August 7	ib.	Mitchell, John K. Nov. 19	ib.
Moore, Richard. Jan. 13	1814	Manter, Grafton. Dec. 8	ib.
Merrit, Willis. February 1	ib.	M'Cormick, Stephen. Feb. 3	1819
Miller, Ben. Feb. 21; May 9	ib.	Moody, Nathan. Feb. 19	ib.
M-Thorndike, John. March 7	ib.	Mason, Silas. Feb. 20	ib.
Moore, Henry. July 2	ib.	Mudge, I. and M. Hatch. April 10	ib.
Mead, B. and G. Richards. July 2	ib.	Munson, Job L. April 26	ib.
Morgan, Jede. and J. B. Harris. October 11	ib.	Martin, Anthony B. June 2	ib.
Mervin Dan. jun. and H. Kellog.		Miner, Fred. August 21	ib.
Merriam, Lawrence. Jan. 4	1815	Martin, S. and Z. Chapin. Jan. 18	1820
Morgan, Elisha. January 24	ib.	Martin, Peter H. February 23	ib.
Miller, Thos. jun. January 25	ib.	Marshall, Philip, and J. B. Smith. March 3	ib.
Mason, John. March 30	ib.	Merrill, Pardon H. April 6	ib.
Mathews, Anson. April 26	ib.		
Manny, Gabriel. June 8	ib.		
Mastayer, Ben. June 28	ib.		
Meer, J. July 1 1815. Aug. 26 1818			
Mathew, Hemard. September 12	ib.		

N.

Nazro, John. Jan 6, 1797. Jan. 6, 1797		Newell, T. July 7, 1809. Apr. 12, 1820.	
Newbold, Charles. June 26	ib.	Nicholson, Thos. Aug. 10	1809
Newell, Jonathan. Aug. 12	ib.	April 29 1817.	
Naylor, John. March 7, 1803. Mar. 31, 1804.		Nichols, Israel. Oct. 12	ib.
Newton, Simon. Dec. 2	1804	Nichols, M. and Israel. Oct. 12	ib.
Newton, Israel. Feb. 28	1806	Noble, Sylvester. Feb. 1	1810
Nichols, Jonathan. July 11	1807	Norton, Lewis Mills. April	ib.
Nicholson, R. and T. Dec. 13	1808	Nicholson, John. April 28	ib.
Nichols, Daniel. March 1	1809	Nichols, Perkins. May 18	ib.
Newman, John. June 27	ib.	Newell, Daniel. July 26	ib.

Nichols, Robert Lloyd. Feb. 23 1811	Nichols, Jonathan, jun. Apr. 12. 1815
Neff, George. March 19	ib. Newbury, Joshua W. June 23 ib.
Noyes, Josiah. June 21	ib. Norton, John. June 13 1816
Norton, Abraham. Feb. 11 1812	Newhall, Timothy. Sept. 7 1816
Neall, Daniel. Feb. 26	ib. Dec. 27 ib.
Norton, T, and J. Biddis. Apr. 15	ib. Noble, R Dec. 17, 1816. May 17,
Nicholson, Robert. June 23	ib. 1819
Newton, Martin. Sept. 23	ib. Northrop, Isaac. Jan. 7 1817
Nine, Daniel, jun. May 4 1813	Nold, Henry. Jan. 22 ib
Noble, John June 10	ib. Noys, D.E. Sept. 6, 1817. Oct. 14
Nicholson, Thos. and Sam. Gunn.	1819
August 6	ib. Nixon, Samuel. Feb. 28 1818
Noble, David. May 9 1814	Nash, Sylvester. April 11 ib.
Nourse, Asa. July 5	ib. Noth, Linus. May 28 ib.
Nelson, Martin. Oct. 17	ib. Nott, Eliphalet. Feb. 3 1819
Nash, Aaron. Dec. 17	ib.

O.

Ormsbee, Elijah. March 21 1798	Obert, Peter. Dec. 18 1813
Osborne, Jacob. Nov. 24 1803	Ogden, Francis B. Dec. 31 ib.
Otis, Millville. See <i>Rogers, Samuel</i> .	Osgood, Christopher. March 26 1814
Osborn, Levi. July 12 1804	Olds, Jared. April 14 ib.
O'Conner, Thomas. July 9. 1807	Orth, C. H. and F. Strohn, Oct. 11 ib.
Olds, Ezekiel. June 30 1808	Orwan, Frederick. Feb. 25, 1815
Osgood, Thomas. July 11, ib.	Otis, Bass. March 14 ib.
Osgood, Gardiner June 7, 1809	Ormsby, J. and Thomas Cohoon,
Olds, Ezekiah and Pleny Upham	Jan. 4 1816
Dec. 21, ib.	Osborne, Horace. and William L.
Osborn, Ezra. Jan. 8 1810	Fraser. April 25 ib.
Osborn, David. Jan. 8 ib.	Olney, James. March 29 1817
Olds, Ezekiel and Phiny Upham,	Olney, Anthony. Dec. 11 ib.
Dec. 26 ib.	Otis, Melvin, Dec. 31 ib.
Osburn, John, jun. May 29 1811	Ogle, Samuel. July 9. 1818
Owins, John. March 5, 1812 Jan.	Oakly, G. P. Nov. 25 ib.
25, 1814. Sept. 9 1816	Ordronau, John. April 26 1819
Owen, Ethen. Oct. 1 1812	

P.

Putnam, Aaron. Jan. 29 1791	Parsons, Stephen. Nov. 20 1797
Parkinson, Geo. March 17. 1791.	October 25 1810.
June 16, 1794	Palmer, Timothy. Dec. 17 ib.
Pollard, William. Dec. 30 ib.	Payne, Wm. Dec. 10 ib.
Pope, Joseph. Jan. 26 1793. July	Peale, Raphael. Dec 14
22 1802	Pratt, Phineas. April 12 1798
Perkins, Thomas. Feb 7 1794	Payne, Thos. Dec. 2 1799
Perkins, J. Jan. 16, 1795. Feb.	Percy, John. March 3 1800
14 1799. March 19 1799. July	Philips, G. N. Aug. 25 ib.
9 1802. June 26 1809. June 16	Palmer, Wm. Aug. 25 1801
1810. July 17 1814 March 23	Power, Thos. Sept. 19 ib.
1813. June 26 1813. June 29	Poole, John. Oct. 13 ib.
1813. Nov. 1 1815 Feb. 27 1819.	Peirce, Joel. April 10 1802
Pitman, John. May 25 1795. Dec.	Paine, W. Aug. 24 ib.
24 1799. March 14 1817.	Putman, Elisha. Aug. 24 1802,
Perkins, Elish. February 19 1796	Dec. 31 1816. Nov. 18 1818.
Passmore, Thos. Dec. 23 ib.	Peers, Valentine. Dec. 18 ib.
Peale, Chas. W. Jan. 21; Nov. 16 1797	Pettibone, D. E. Chapman, and J.
July 16 1801.	Nichols, Dec. 22, ib.
Pettibone, D. Nov. 16 1797. Mar.	Peasley, Jedediah. Feb. 1 1803
21 1806. Oct. 28 1808. May 12	Platt, Benjamin. April 27 ib.
1812 May 5 1813. Feb. 12 1814.	Pills, B. Paul. Oct. 25 ib.
Aug. 11 1818. Aug. 21 1819.	Paine, Asahel E. Nov. 19 ib.
Nov. 10 1819.	

- Peirce, Thomas February 21 1804
 May 24 1805. June 24 1809. Feb.
 27 1819
- Power, Thos. July 12 1804. Jan.
 7 1817.
- Platt, Joseph. May 4 1805
- Poyzer, Geo. May 10 ib.
- Pryor, Thomas W. May 21 ib.
- Poole, Wm. December 29 ib.
- Purdon, Wm. March 19 1806
- Payne, Stephen. March 31 ib.
- Pearse, James A. April 7 1807
- Peacock, David. April 1 ib.
- Pope, Thos. April 18 ib.
- Pollock, A. April 23 1807. June
 17 1808. July 31 1815
- Phabus, Wm. June 9 1807. June
 27 1810. Nov. 28 1817.
- Pitkins, J. and T. Kimball. Oct. 19 ib.
- Pierson, Jeremiah H. Dec. 24 ib.
- Pierson, Isaac. Dec. 24 ib.
- Pratt, Phineas. Mar. 5 1808
- Pondrell, Joseph. April 6 ib.
- Pierpont, Daniel. April 22 ib.
- Pitkin, Roswell. April 23 ib.
- Patten, Robert. June 13 ib.
- Parsons, Osborne. June 23 1808.
 April 4 1820.
- Paine, Asahel E. July 1 ib.
- Parker, Sam. July 9 1808. April
 26 1809. April 5 1813.
- Prince, Sam. August 31 ib.
- Parmele, Dan. Sept. 8 ib.
- Parmele, Mar. B. Sept. 21 1808.
 August 25 1812.
- Pillsbury, Paul. Sept. 22 ib.
- Parke, James P. December 19 ib.
- Parmantier, Nich. S. Jan. 30 1809
- Pratt, Jonathan. Jan. 14 ib.
- Patten, Robert. Feb. 17 ib.
- Perry, N. Oct. 13 1809. Sept. 25 1811.
- Philips, Rozel. October 14 ib.
- Parmele, Dav. Nov. 20; Oct. 25 ib.
- Parkhurst, Jo'n, jun. Feb. 13 1810
- Parmele, Henry. February 15 ib.
- Peabody, Wm. H. June 8 ib.
- Parry, Ben. July 7 ib.
- Parsons, Eli. August 16 ib.
- Perkins, E. Sept. 16 1810. Feb.
 26 1811.
- Philips, John, and Jas. Smallman.
 September 18 ib.
- Potter, Hezeah E. Nov. 20 ib.
- Paul, Thomas. Feb. 23 1811
- Pond, William. Feb. 28 ib.
- Paine, Otis. March 1 1811. June
 18 1813.
- Price, Nchemiah. March 2 ib.
- Pierson, Azeal. March 2 ib.
- Palmerlee, Herman May 25 ib.
- Parker, D. & J. Sandford. May 30 ib.
- Putnam, Archelaus. July 20 ib.
- Pratt, Thos. Sept. 12 ib.
- Power, Thos. Sept. 27 1811. Jan.
 7 1817.
- Pierson, Jacob. Oct. 17 1811
- Pennock, Moses. Feb. 18 1812
- Phinney, Zina. June 19; Oct. 31 ib.
 Jan. 16 1814. Mar. 4; Feb. 6 1816.
- Parsons, Hezekiah. July 9 ib.
- Pease, A. and S. Bester. July 27 ib.
- Pollock, A. and J. Perkins. Aug. 6 ib.
- Palmer, Joseph. August 21 ib.
- Phelps, John. August 27 ib.
- Partarrien, John B. Nov. 30 ib.
- Peabody, Wm. H. Dec. 14 ib.
- Philips, Gabriel N. Feb. 6 1813.
 June 28 1814.
- Patrick, Mather. June 2 ib.
- Pope, Samuel. June 15 ib.
- Pettee, Simon. June 15 ib.
- Perkins, Jacob, and Geo. Murray.
 June 25 ib.
- Pierson, Daniel. July 16 ib.
- Pye, W. Aug. 5, 1813. April 28,
 1818.
- Pease, Horace. Aug. 28 ib.
- Powel, Thomas. Dec. 3 ib.
- Postley, C. March 7 1814. April
 26 1815.
- Platt, Chas. and Dan. March 7 1814
- Porter, Benjamin May 18 ib.
- Pulsifer, John. May 24 ib.
- Peck, Benjamin. July 5 ib.
- Petton, David. Sept. 30 ib.
- Patrick, George. Nov. 8 ib.
- Pettibone, Ozias. March 1 1815
- Peck, George. April 26 ib.
- Puffer, Timothy May 23 ib.
- Pomroy, Thomas M. June 21 ib.
- Parker, Fielding. July 25 ib.
- Palmer, Urban. July 31 ib.
- Porter, Aaron, James Mead and
 James Steadwell. July 31 ib.
- Pendergast, Garret E. Aug. 18 ib.
- Philips, Charles, jun. Oct. 21 ib.
- Pearson David. Jan. 24 1815
- Porter, David. Feb. 8 ib.
- Price, W. Mar. 4, 1816. Apr. 30 ib.
- Paddleford, Peter. May 18 ib.
- Pullen, Thomas. June 20 ib.
- Parmele, Samuel. July 15 ib.
- Porter, and Mead. Aug. 22 ib.
- Power, T. and Isaac. Aug. 31 ib.
- Potter, Bradford A. Sept. 26 ib.
- Perkins, J. and T. Galpin. Dec.
 18 ib.
- Parnell, William. Jan. 19 1817
- Pinkney, Israel. April 16 ib.
- Parsons, Bishop N. April 16 ib.
- Peacock, David. May 29 ib.
- Purdy, Jeremiah. Oct. 4 ib.
- Purdell, William Nov. 1 ib.
- Paine Ephraim. Dec. 11 ib.
- Prescot, Jonathan. March 6 1818
- Porter, Nathan. April 7 1818

Pennock, Abram. and Jas. Sellers.		Parsons, Seth.	March 2	1819
April 23, 1818. July 6	1818	Peck, Seth.	April 23	ib.
Prescot, Levi and J.	Nov. 5	Pommer, Charles	Aug. 30	ib.
Peasley, Aaron M.	Nov. 11	Pignatelli, John B.	Dec. 2	ib.
Potts, Joseph.	Nov. 7	Pool, Daniel.	March 22	1820
Palmer, John.	Dec. 29			

Q.

Quintard, Isaac.	April 5	1806	February 17, 1812. May 21, 1812.	
Quinby, Joseph.	April 25	ib.	June 13, 1812.	
Feb. 3, 1812.			Quin, Henry.	Feb. 21
Quincy, Abraham.	March 20	1811	Quigley, Moses A.	June 15
Quincy, Abram. H.	Sept. 3, 1811.			1819

R.

Rumsey, James.	Aug. 26	1791	Rogers, S.	Dec. 15, 1807. Jan. 26
Read, N.	Aug. 26, 1791. Jan. 3,		1814. Oct. 21, 1814. Jan. 24, 1818	
1798. Feb. 21, 1817. Feb. 22,			Reed, Aaron.	April 25
1817. Dec. 23, 1817. Feb. 18,			Reeve, Joseph.	April 25
1818.			Rider, Daniel.	April 26
Ridgway, David.	March 7 1792.		Rhodes, William.	May 16
October 26 1809.			Reed, Jesse I.	June 3
Ryan, E.	April 29, 1793. Nov. 16		Ramsey, Robert.	June 24, 1808
1796			July 9	1808
Robotham, Rich.	April 12, 1794.		Ross, Henry, jun.	June 28
June 1794. Aug. 14, 1799. Oct.			Ricketts, John T.	Aug. 8
10, 1801			Rogers, Geo.	Dec. 31, 1808. Dec.
Roberts, Jonathan. jun.	Feb. 13 1796		18, 1816.	
Rigg, Elisha.	July 29	ib.	Ross, W.	Jan. 14 1809. July 10 1809
Reutgen, Clement.	Nov. 17 1796.		Rew, Ephraim.	Feb. 22
June 27 1810.			Robinson, John.	Feb. 25
Ring, Elias.	Dec. 10	1797	Reed, Jacob	June 9
Reeve, M.	Dec. 14, 1798. June		Richardson, William H.	June 9
26, 1816			Ritter, Christian.	Aug. 11
Reed, Ezekiel.	Feb. 14	1799	Robetsen, Robert.	Nov. 3
Reed, Jesse.	June 9, 1801. July		Russel, William.	Dec. 1
15, 1802. Feb. 22, 1807. April			Raymond, Eben.	Feb. 21
15, 1809. Sept. 16, 1810. Aug. 14			Reid, B. R.	March 8, 1810. Aug.
1811. Oct. 22, 1814. Dec. 16, 1814			18, 1810.	
Aug. 1, 1816			Ruggles, L. and Dan. Tomlinson.	
Robins, Nathaniel.	March 21	1802	March 17	ib.
Richardson, Hez. jun. and Levi.			Robinson, Robert.	March 19
April 28	ib.		Richardson, Oliver.	April 18
Richardson, John.	Sept. 13, 1802		Richards, R. W. and Mills.	Apr. 24
April 4, 1803.			Roberts, Jesse.	April 25
Rawson, Thos. H.	July 24, 1802		Rogers, George A.	July 3
April 4, 1803.			Richards, Jedediah 3rd.	Aug. 13
Rowse, Simeon.	Jan. 1	1803	Ruggles, Levi.	Aug. 16
Ruggles, Lazarus.	Oct. 18	ib.	Robinson, Nat. P.	Aug. 31
Rogers, S. and M. Otis.	Dec. 7	ib.	Reid, Upton.	Aug. 31
Richardson, Edward.	Dec. 16	ib.	Randall, Sam.	Oct. 1, 1810. Jan.
Ross, Talmage	Jan. 19	1804	11 1812. March 12 1811.	
Robertson, Archibald.	March 5	ib.	Robinson, William.	Nov. 27
Robinson, G. W.	March 24 1804.		Reuck, Aaron.	Dec. 5
June 27, 1809. May 14, 1812.			Robinson, D.	Dec. 15, 1810. May
March 17, 1813. July 17, 1818.			3, 1811.	
Robert, John, Amos D. Allen, and			Russell, Barzillai	March 4
Ezekiel Kelsey.	Sept. 5	ib.	Randolph, John F.	April 24
Roberts, Owen.	April 12	1805	Rowey, John.	May 7
Richards, G.	Feb. 14 1806. Feb.		Ruggles, Joseph.	June 6
8 1813.			Righter Jonathan.	July 23
Rogers, Levi.	Feb. 4	1807	Reynolds, Charles.	Aug. 21 1811.
Richards, Edward	Oct. 3	ib.	July 23 1814.	

Read, Daniel. Sept. 10	1811	Russel John Oct. 14	1815
Rogers, James. Sept. 27	ib.	Rapp, William A. Dec. 4	ib.
Real, Josiah. Oct. 5	ib.	Russel, Frederick. March 14	1816
Reeve, Mark, and Richard. Nov. 13, 1811. Feb. 3, 1812. Oct. 31, 1812. April 16, 1813. Sept. 23, 1813.		Raymond G. B. March 26	ib.
Rotch, Fran. Nov. 29 1811. Aug. 3 1812.		Rand, Ebenezer. March 27	ib.
Rogers, Richard E. Nov. 29	ib.	Reich, J. and Ed. Starr. May 11	ib.
Raymond, Ephraim. Jan. 17	1812	Robeson, Joseph. May 22	ib.
Rood, Job. Jan. 23	ib.	Rudd, Stephen. June 14	ib.
Rich, Joseph. Jan. 27	ib.	Richardson, W. June 15; Sept. 26	ib.
Roots, Joel. Feb. 13	ib.	Richardson, Jacob. Oct. 16	ib.
Richards, William. March 2	ib.	Robinson, Joseph B. Oct. 14	ib.
Richards, John D. Feb. 27	ib.	Rumsey, E (executor.) Nov. 14; Nov. 15	ib.
Richards, Robert U. May 23	ib.	Ross, James. Dec. 3	ib.
Richardson, Joseph and Benjamin Sout. June 6	ib.	Ricketson, Humphrey. Dec. 13	ib.
Rose, Samuel. June 15	ib.	Ruffner, David and J. Jan. 18	1817
Rogert, Robert C. June 23	ib.	Rogers Obijah. March 14	ib.
Robertson, George. Nov. 16	ib.	Rocco, Jules. March 29	ib.
Russel, James D April 10	1813	Richmond, James. June 28	ib.
Robinson, E. July 24, 1813. Mar. 6, 1816.		Rogers, Solomon A. July 31	ib.
Roy, Robert. Nov. 13	ib.	Remington, Eliphalet. Aug. 13	ib.
Rogers, M. Feb 9, 1814. Mar. 3, 1815. Jan. 7, 1817.		Richardson, R. B. Aug. 22	ib.
Russel, Emery. April 18	1814	Rogers, S. and Thos. Blanchard. Oct. 3	ib.
Richardson, Benjamin. Mar. 17	ib.	Richardson, Israel I. Oct. 13	ib.
Ricketts, G. H. and J. Kinney, jun. July 12	1814	Ruckle, William. Nov. 28	ib.
Ridgway, James. Sept. 22	ib.	Rice, John. Dec. 6	ib.
Ricketts, George H. Oct. 24	ib.	Ronaldson, James. Feb. 2	1815
Reynolds, Thomas. Nov. 8	ib.	Raymond, A and G. V. Feb. 7	ib.
Rogers, Benjamin. Nov. 24	ib.	Read, John. March 6	ib.
Roosevelt, Nicholas I. Dec. 1	ib.	Richards, Joseph. May 28	ib.
Rhodes J. and Adam. Dec. 6	ib.	Ramage, Adam. May 28	ib.
Rittal, Francis. Jan. 28	1815	Richardson, John, jun. July 24	ib.
Richards, Lemuel M. March 30	ib.	Reading, Peirson. Aug. 1	ib.
Reynolds, Jonathan. June 24	ib.	Rogers, Daniel. Aug. 26	ib.
Randolph, D. M. August. 1, 1815. Aug. 2,	ib.	Raffner, Tobias. Dec. 22	ib.
		Rudder, James. Feb. 5	1819
		Reynolds, G. N. Apr. 29; Apr. 30	ib.
		Redmond, Arthur. May 20	ib.
		Ranson, Wm. H. Sept 8	ib.
		Russel, Wm. jun. Nov. 8	ib.
		Russel, James. Jan. 29	1820

S.

Sampson, Joseph S. Aug. 6 1790. July 5, 1793. June 26, 1797.		Seymour, Benjamin. June 26	1797
Stone, John. March 10, 1791. Dec. 4, 1814.		Stickney, Thomas. Nov. 16	ib.
Stevens, John, jun. Aug. 26	1791	Sanford, Isaac. March 27	1798
Saltonstall, Richard R. Feb. 28	1793	Smallman, James and N. J. Rosevelt. May 31, 1798	
May 1, 1793.		Stoulinger, Charles. June 2	1798
Simpson, Joseph. March 4	1794	Sears, John. Jan. 24	1799
Staples, John J. jun. April 25	ib.	Spooner, Eliakim. Jan. 25	ib.
Feb. 17, 1804.		Shotwell, John. March 16	ib.
Sprague, William P. June 19	1795	Shackford, Josiah. March 21	ib.
Stanneld, James. Nov. 16	1796	Stackland, John. Nov. 29	ib.
Spence, James. Feb. 16	1797	Shotwell, Wm. Feb 7 1800. June 24 1800.	
Stuart, Richardson. Feb. 24	ib.	Stone, Silas. May 6	1800
Starr, Jehoshaphat. April 23	ib.	Smith, Robert. May 19	ib.
Jan. 6, 1813.		Strong, Joseph. Jan. 29 1801 May 14, 1803. June 11, 1811. April. 13, 1813. Jan. 15, 1818.	
Stickney, John. June 3, 1797. May 1, 1804. May 4, 1805.			

Stillman, Wm. March 16	1801	Sherman, Elihu. March 2	1809
Saitonstall, Gurden F. August 21, 1801. Sept. 2, 1801. Jan. 4, 1803. Dec. 31, 1817.		Stearns, Abner. March 22	ib.
Strong, John. March 24	ib.	Stubbs, William. May 1	ib.
Sharpless, James. Sept 15	ib.	Story, Elizabeth. Ex. of William Story. June 9	ib.
Spicer, Asher. April 22	1802	Shultz, William. June 14 1809 June 16, 1809. June 24, 1809.	
Stillwell, Stephen. July 9	ib.	May 26, 1812. Jan. 26, 1816.	
Staples, John. Dec. 15 1802. July 18, 1811.		Smith, Daniel. June 14	ib.
Stowell, Abel. Feb. 14 1802. July 19 1809. Feb. 4 1813. June 15 1813.		Sacket, Augustus. July 3	ib.
Staples, John, jun. March 18 1803 March 8, 1803.		Stanly, Timothy July 6 1809. Jan. 6, 1812.	
Stevens, John. April 11 1803. Jan. 3, 1810. May 21, 1811. March 14, 1816. March 16, 1816.		Stowe, David. July 27	ib.
Standring, Ben. June 28	1803	Smith, John. October 14 1809 March 28 1815.	
Stanly, Liberty. June 25	ib.	Smith, Samuel 2nd. Oct. 17 1809 July 6, 1810.	
Stroebell, John C. Sept. 19	ib.	Simons, David P. and Candy Ra- guet, Nov. 7	ib.
Steward, Stephen. Dec. 6 1803 June 20, 1807. Dec. 31, 1813		Syme, J. Merywether. Nov. 29 ib. 1809. Dec. 12 1816	
Selby, John. Dec 30 1803		Schrack, Lewis. Dec. 8	ib.
Smith, Moses. March 16	1804	Sheffield, Wm E. Dec. 21,	ib.
Stevens, Levi. May 8	ib.	Sweet, John. Feb. 15; April 11 1810. Feb. 26, 1811.	
Saniford, John, jun. and Amos D. Allen, May 10	ib.	Schenck, Peter H. Feb. 15	1810
Simons, James. and J. M. James. May 17	ib.	Spies, John P. Jan. 8	ib.
Spencer, Asa. June 8,	ib.	Sawin, John P. and Thos B. Wait, Feb. 1 1810 Jan. 23, 1811.	
Smith, Simon. Oct. 23	ib.	Shaler, Nathaniel. Feb. 21	ib.
Stodder, David. Nov. 16	ib.	Smith, Roger. March 8; April 24,	ib.
Stanton, Wm. jun. Dec. 26	ib.	Shiver, David. March 17	ib.
Scott, Isaac. Dec. 26	ib.	Smith, Aaron. April 11	ib.
Smith, Wm. May 9 1805. Aug. 12, 1808.		Sage, Joseph. April 14	ib.
Spafford, Horatio G. Mar. 3 1805. Nov. 23, 1814.		Snedeker, Samuel. April 27	ib.
Share, Joseph. Oct. 22	1805	Sprague, Eleazer. May 9	ib.
Swift, Boriah. May 25, 1806 May 24 1810. Feb. 1 1817. July 1 1814.		Sawin, John P. and Jacob Skinner, May 17 1810. Feb. 8, 1811.	
Smith, Stand June 12 1806. June 13,	1806	Smith, Wm P. and Jacob Odel. July 17	ib.
Selden, Roger. July 7	ib.	Sizer, Edward. August 14	ib.
Shee, Park. Feb. 7	1807	Simons, Charles D. and Jean J. Blondel, Aug. 15	ib.
Stansbury, A. O. Feb. 11	ib.	Strong, Elisha and Cotton Killog. Aug. 31	ib.
Tellers, J. and A. Bartle. May 5	ib.	Smith, Eli. Nov. 6	ib.
Syre, Stephen. May 9	ib.	Stetson, Oliver. and Wm Sebrec. Dec. 11	ib.
Smith, Jacob, jun. May 20	ib.	Sawin, John P. Jan. 24	1811
Spafford, Jacob. June 23	ib.	Steward, Henry. Jan. 24	ib.
Shaw, Ralph. July 2	ib.	Sanders, John. Feb. 7	ib.
Scripture, John. Dec 15	ib.	Stubbs, James and N. Parsons. Feb 23	ib.
Smith, Eleazer. March 30	1808	Sheldon, W. jun. March 2	ib.
Stockhouse, Stephen. March 11	ib.	Swan, Israel. March 7	ib.
Stowell, E. April 26 1808 Feb. 2, 1815. Aug. 20, 1813.		Sternbergh, Peter. March 20	ib.
Stillwell, Sam. and D. T. Windell. June 5	1808	Swain, Jacobs, Henry and Joshua. April 10	ib.
Stewart, Simon. Eleazer Hovy, and James Henderson June 21	ib.	Sherwood, Andrew. April 25	ib.
Seely, Obadiah. Aug. 6	ib.	Silby, Jeremiah. April 25	ib.
Stansbury, Samuel. Jan. 6	1809	Schoolfield, B. C. and Wm. Stanton. April 10	ib.

Stone, Samuel. May 3	1811	Sperry, Austin. Aug. 22	1814
Smith, Samuel. June 11	ib.	Sarchet, Peter, sen. Sept. 27	ib.
Shearer, Jacob and A. Killon, June 17	ib.	Spoon, Adam. Sept. 22	ib.
Smith, Hezakiah. July 19	ib.	Sherwood, A. C. Oct. 18	ib.
Sommer, Leonard. July 22	ib.	Scott, A. and A. Solden, Nov. 8	ib.
Scaley, Richard. July 25	ib.	Shurly, Thomas. Nov. 18	ib.
Sanford, John. Aug. 20 1811 Dec. 12, 1812.		Soper, Joel. Dec. 3 1814. Aug. 12 1815.	
Strong, Stephen. Sept. 2	ib.	Smith, Brown, and Chas. Stewart. Dec. 8	ib.
Shepard, Joseph H. Oct. 1	ib.	Shultz, Henry, Dec. 17	ib.
Sillers, Charles W. Oct. 11	ib.	Squire, William. Jan. 17	1815
Sizer, J. Oct. 15: Nov 6 1811. June 12, 1818.		Snow, Sullivan. March 2	ib.
Sternberg Peter. Oct. 28; Nov. 19,	ib.	Smith, Joseph. April 29	ib.
Shaw Jonathan Nov. 13	ib.	Smith, Silas. May 23 1815, Aug. 23, 1817.	
Sheble, Adam. Nov. 27	ib.	Shaw, F. B. July 27	ib.
Spencer, Asa. Feb. 11	1812	Starger, Jacob and. D. H. Miller Aug. 16	ib.
Shaw, William. Feb. 19; June 5	ib.	Sedan, Henry. Sept. 6	ib.
Shoemaker, Daniel. Mar. 27	ib.	Seger, John. Nov. 14	ib.
Shepard, Silas. April 27	ib.	Springer, Jesse. Dec. 27	ib.
Shaw, James. April 27	ib.	Seebold, Christopher, jun. Feb. 1 1816	1816
Stanton, Wm May 12	ib.	Smith, Daniel A. Feb 23	ib.
Sexton, Jacob W. July 18	ib.	Sperry, Ely. March 28	ib.
Seabolt, Henry. Nov. 11	ib.	Sandford, Elias B. April 11	ib.
Sommer, John. Nov. 16	ib.	Sergeant, John, jun. April 24	ib.
Skiff, Samuel. Dec. 5	ib.	Start, Wm. May 3	ib.
Smether, Robert. Dec. 10	ib.	Smith, John D. May 24	ib.
Silliman, Isaac. Dec. 17	ib.	Stevens, Montgomery. June 17	ib.
Spencer, John. Feb. 8	1813	Scammon, E. B. June 20	ib.
Seitz, John. Feb. 8	ib.	Shepard, and Thorp, July 25	ib.
Share, Joseph. March 30	ib.	Sprinkle, Jacob. Aug. 23	ib.
Stoat, Jacob. May 4	ib.	Shulldean, and McCoston. Oct. 24	ib.
Smelzer, John. May 6	ib.	Swain, Albertus Feb. 1	1817
Staples, John J. May 10	ib.	Swope, Jacob. March 14	ib.
Smith, George. May 28,	ib.	Starr, Eli. March 20	ib.
Sawyer, Abraham. July 20	ib.	Simpson, Joseph. April 5	ib.
Shotwell, Wm and Arthur Kinder, July 23; Nov. 4	ib.	Scott, Isaac. May 2	ib.
Steell, Hezekiah. Sept 3	ib.	Smith, Jarvis. July 1	ib.
Schench, J. T. Oct. 22	ib.	Stewart, Adam. July 5, 1817. Apr. 8 1819.	
Seper, Timothy, jun. and C. Reynolds, Dec. 2	ib.	Seaman, Cornelius. Aug. 15	ib.
Sugden, Robert. Dec. 2	ib.	Salisbury, William. Aug. 16	ib.
Shalcross, Stephen. Jan. 21	1814	Strowhaven, G and Fred. Sanxay. Sept. 1	ib.
Stearns, Daniel. March 10	ib.	Shepard, Caleb. Oct. 4	ib.
Smith, Eben. March 23 1814. Dec. 31 1818.		Seargent, Charles L. Oct. 4	ib.
Sandford, Isaac. March 26	ib.	Smith, Henry. Jan. 15	1818
Sprinkle, Jacob. April 27	ib.	Smith, M ^c Pherson. Jan. 28	ib.
Sullivan, John L. April 2 1814 Dec 4, 1816 Mar. 24, 1817. Feb. 28; Dec. 29, 1818. Dec. 10, 1819.		Steams, A. and W. Barrett. Jan. 30; Sept. 8	ib.
Schaffer, William. June 6	ib.	Simpson, William. Feb. 19	ib.
Stiles, Chauncy. June 28	ib.	Sherwood, Stephen. April 11	ib.
Shurtliff, Simeon. July 5	ib.	Shepherd, Isaac. May 28	ib.
Swan, Jonathan. July 5	ib.	Storm, Thos. T. May 28	ib.
Sharman, Daniel July 6	ib.	Smith, Burrows. June 9	ib.
Siddall, Thomas. July 9 1814 Nov. 14; Nov. 26, 1815		Sprangh, Luis A. M. June 29	ib.
Scott, Andrew. Aug. 15	ib.	Stedman, Simon. July 25	id.
Spickard, Henry. Aug 16	ib.	Swan, John B. Sept. 29	ib.
		Stansbury, Daniel. Oct. 26	ib.
		Smith, Mathew. Jan 20	1819
		Sheldon, William. Feb. 26	ib.

Stith, Obadiah. March 16	1819	Swartwout, James. Nov. 13	1819
Salisbury, Hezekiah. May 24	ib.	Swain, William W. Jan. 14	1820
Strattan Benjamin. June 23	ib.	Smith, Abiel. March 23	ib.
Spedden, Robert. Aug. 26	ib.	Skinner, I. and Samuel F. Hooker.	
Smith Ezekiel F. Nov. 8	ib.	March 23	ib.

T.

Taylor, Ben. March 23 1794. April 25 1803.		May 21	1811
Taylor, J. June 30 1795. Oct. 28 1815		Turbut, Nicholas. September 7	ib.
Taylor, Ben. April 15 1796. Feb. 26 1799. March 19 1804. Feb. 20 1820.		Thayer, Solomon. Oct. 9	ib.
Thomson, Wm. August 2 1791		Tanner, Archibald. Oct. 24	ib.
Terry, Eli. Nov. 17 1797. June 12 1816.		Turner, Robert. Nov. 25 1811. February 21 1814.	
Thompson, Thos. Jan. 3 1799		Tousley, Roswell. Jan. 11	1812
Tryon, Isaac. Feb. 22 1798		Thayer, Elijah. March 14	ib.
Thayer, Amos. June 9 1801. July 7 1817. May 1 1818.		Thorp, John. March 28	ib.
Templeton, James. Aug. 17 1802		Treadwell, Stephen. April 27	ib.
Todd, Isaac. See <i>Augustus Day</i> .		Twombly, Ephraim. Aug. 28	ib.
Turner, Jedediah T. Oct. 19 1803		Tuder, Frederick. Dec. 17	ib.
Thornton, Wm. Oct. 28 1803. Dec. 13 1807. Jan. 16; Sept. 7 1809. Dec. 23 1814.		Thompson, Sam. March 2	1813
Tunstall, Wm. June 30 1804		Thorne, R. V. W. April 29	ib.
Thomas, John James. Oct. 2	ib.	Tousley, Sylvanus. May 28 1813. Feb. 7 1815.	
Taylor, Aaron. October 4	ib.	Thrall, Luke K. November 10	ib.
Tomlinson, Daniel. May 27 1805		Talmage, Ezra. April 9 1814	
May 20 1812		July 8 1816. Sept. 12 1816. April 26 1817. Aug. 27 1818. Jan. 10 1820.	
Taylor, John G. November 15	ib.	Todd, Alpheus. April 18	ib.
Tatterson, James. Nov. 27	ib.	Tuly, Joseph. May 17	ib.
Thompson, Cephas. Feb. 5 1806		Tousley, R. and J. Swan. Nov. 9	ib.
Tripe, Richard. April 1	ib.	Tomlinson, Peter. March 7	ib.
Tullock, Wm. October 28	ib.	Tanner, H. S. July 1	ib.
Tobey, Cornelius. May 7 1807		Tisdale, Ephraim. July 17 1815. July 31 1818.	
Townsend, Wm. W. March 22 1803. June 18 1812.		Tiffany, Wm and P. Allen. July 17	ib.
Tallman, Jedediah. March 31	ib.	Tabb, George. Feb. 23	1816
Trescot, Enos. July II	ib.	Tatham, Wm. April 18	ib.
Townsend, Erastus. July 12	ib.	Trumbull, Shadrach. April 23	ib.
Tuller, Martin. July 29	ib.	Talbot, Sylvester W. May 4	ib.
Templeman, John. Aug. 16 1807. March 16 1809.		Thorp and Shepard. Oct. 14	ib.
Tucker, Septimus. January 12 1809		Thacher, David. Oct. 24	ib.
Truman, James. June 24 1809. Dec. 3 1811. Aug. 21 1812.		Tucker, James. Dec. 13	ib.
Thomas, Luther. June 24	ib.	Tyler, B. and J. Feb. 1	1817
Toppan, Enoch C. Feb. 12	ib.	Troost, Gerret. March 3	ib.
Thorne, Richard V. W. and John. March 6 1809. March 26 1810. April 29 1813.		Thomas, Ben. March 20	ib.
Tuthill, Abram. Gulielmus Dominy. March 22	ib.	Tilton, Thos. P. May 6	ib.
Tobey, Augustus. June 21 1810		Thomas, G. T. June 10	ib.
Teale, John C. Sept. 11	ib.	Thomas, Spencer. Oct. 10	ib.
Tibbals, Sam. jun. Dec. 26	ib.	Tieman, Anthony. April 27	1818
Thornton, Wm. and John S. Hall.		Trott, John S. June 2	ib.
		Taylor, Abram. Nov. 18	ib.
		Thomas, Robert. May 29	1819
		Tice, A. and J. Aug. 21	ib.
		Tilge, John Henry. Sept. 23	ib.
		Taylor, Asa. Oct. 9	ib.
		Tucker, John. Nov. 10	ib.
		Town, Ithiel. January 28	1820

U.

Upham, Plmv. January 6 1809. March 21 1811.		Uplike, Daniel. Feb. 19	1818
Underwood, Wm. Sept. 6 1810		Ulman, M. and M. Isaacs. March 17	ib.
Utley, Joseph. November 5 1811		Usher, Sophia. September 11	ib.

Voight, Henry. Aug. 10	1791	Vanderpool, Jas. and John Eagle.	
Veltenair, Christ Aug. 10	1804	April 8	1812
Varle, Charles May 2	1804	Valentine, Roswell. June 13	ib.
Valcourt, Lewis. June 25	1805	Van Duzer, Wm. June 30	ib.
Vinton, Seth. November 18	1807	Vanini, Joseph. Dec. 4	ib.
Votee, George. May 10	1809	Vorjon, Bernard E. April 26	1816
Vansant, Nicholas. May 21	ib.	Verger, P. C. August 19	ib.
Van Voorliis, Dan. March 21	1811	Van Sicler, John F. July 3	ib.
Vernon, John. October 21	ib.	Valentine, George T. Aug. 26	ib.
Van Houton, Rulef C. March 28	1812	Veales, Louis. October 29	ib.

W.

Williams, J. jun. March 13	1793	Willard, Simon, jun. Apr. 25 1807.	
Whitney, Eli. March 14	1794	Nov. 30; Dec. 1 1807.	
Wynkoop, B. Sept. 13 1794. June 19 1795. June 26 1797.		Weaver, Abram. April 23	ib.
Wardrop, James November 5	1794	Webb, Orange. October 14	ib.
Whittemore, Amos. Nov. 17 1796		Wheatley, R. and James Beumont. November 14	ib.
June 5 1797.		Watson, Daniel. March 4	1808
Watkins, Robert. Dec. 23	1799	Warner, Ephraim. April 12	ib.
Wheaton, Caleb March 29	1797	Willard, Simon B. May 18; Nov. 17 1808. Nov. 3 1813	
Wilkinson, David. Dec. 14	1798	West, John. October 27	ib.
Whiting, Charles. March 2	1799	Wallis, Randall November 9	ib.
Wigglesworth, Michael June 26	ib.	Williams, Michael. Feb. 24.	1809
Wild, Ezra. June 26 1799. Sept. 17 1800. May 16 1804.		Wheeler, Ben. April 17 1808. March 28 1810.	
Wilder, Abijah. Dec. 14	ib.	Wilmot, Sam. jun. April 21	ib.
Walker, Peter. April 10	1800	Woodcock, John. May 8	ib.
West, Edward. May 19 1800. July 6 1802.		Worthington, David. April 27	ib.
Wheaton, Jesse. Jan. 17	1801	Wells, John J. June 13	ib.
Whiting, E. Jan. 22 1801. April 1 1802. June 18 1810.		Woodward, Fred. July 18 1809. July 27 1811.	
Weems, Richard. March 16 1801. Sept. 20 1804.		Walworth, Jos. Oct. 17; Nov. 22	ib.
Wallis, Sam. Sept. 21	ib.	Williamson, Peregrine. Nov. 22, 1809. May 12 1813. Mar. 20 1820.	
Willard, Simon. February 8	1802	Wetmore, John. December 8	ib.
Whitlock, Thos. B. February 23	ib.	Williamson, Ennion. Jan. 19	1810
Warrell, Jacob. March 17	ib.	Wadsworth, John. Feb. 10	ib.
Wallcot, Ben. S. Sept. 4	ib.	Wright, Abel. March 7	ib.
Wigton, Wm. January 30	1803	Williams, David, 3d. March 28	ib.
Wood, Israel. February 21	ib.	Webster, Alpheus. Mar. 31 1810. December 21 1812.	
Williams, John. March 23	ib.	Wilde, Ohver. April 16	ib.
Whiting, Colvin, and Eli Parsons. April 14 1804		Wright, R H. April 25; June 9	ib.
Withers, Michael. April 30 1804. August 24 1813.		Whiting, Nathaniel P. April 25	ib.
White, Eben. and J. Bellows, jun. December 31	ib.	Webster, John. May 1	ib.
White, Jos. Nov. 27 1804. Mar. 14 1810. Jan. 11; May 15 1812. October 19 1819.		Williams, John H. July 26	ib.
Welsh, Jacob. May 6	1805	Williams, Thaddeus. August 31	ib.
Witmer, H. May 17 1805. Sept. 19 1811.		Winter, Elisha. Sept. 4	ib.
Wing, Wm. August 28	ib.	Willard, Elias. October 8	ib.
Wing, W. & H. Salisbury. Aug. 29	ib.	White, Wm. November 1	ib.
Wing, Abner. May 26	1806	Witherle, Joshua. Jan. 6; May 28 1811. Feb. 9; March 7 1815. February 24 1817.	
Wadsworth, Wm. July 17 1806. March 5; March 15 1808.		Willbor, B. and T. Soper. Feb. 4 1811	
Wordsend, Thos. August 7	ib.	Walker, James W. February 9	ib.
Weightman, James P. Oct. 21	ib.	Willbor, Borden. Feb. 4 1811. Feb. 10 1814. April 26 1815.	
Wippie, Sylvester G. April 17	1807	Willmarth, Ezra. Feb. 28	ib.
		Wheeler, Dexter. March 2	ib.
		Watson, Wm. March 2	ib.

Wolverton, C. and B. Ridgeway, jun. May 24	1812	Waring, W. & C. Philips. Oct. 21	1815
Walcox, Ben. May 29	ib.	White, Joseph. Jan 15	1816
Witherall, Sam. October 29	ib.	Webster, George. Feb. 28	ib.
Walton, Azariah. January 6	1812	Woodruff, S H. and A. Mathews. March 21.	ib.
Walton, Peter T. January 6	ib.	Willson, James. March 9	ib.
Whitlow, Chas. January 11	ib.	Weaver, Samuel. March 11	ib.
Walgamore, Sam. February 23	ib.	Whips, John. April 23	ib.
Waldron, Daniel. March 4	ib.	Weston, Nathan. May 24	ib.
Wernwag, Lewis. March 28	ib.	Warrall, Henry. June 12	ib.
Weston, T. June 25 1812. Feb. 13 1815.		Weaver Wm. I. June 14	ib.
Woolson, Thos. jun. July 3	ib.	Wilkinson, Jephth A. July 3	ib.
White, Sam. G. August 11	ib.	Walwoath, T. P. July 15	ib.
Wood, P. and B. Allison. Aug. 20	ib.	Wheeler, Zaccheus. July 18	ib.
Weldon, Jacob T. and T. Oct. 31	ib.	Webb, Benjamin. Aug. 22	ib.
Williams, John S. March 2	1813	Wall, John. Oct. 29	ib.
Whitcomb, Hiram. March 2	ib.	Woods, Pence. Sept. 29	ib.
Warrel, George. March 30	ib.	Wells, Lewis J. B. Jan. 24	1817
Wipple, John T. June 10	ib.	Wright, James. Feb. 23	ib.
Ware, Alfred, jun. June 18	ib.	Whitlock, Samuel. March 3	ib.
Williams, Thomas K. July 3	ib.	Wall, Richard. April 18	ib.
Williams, Goliath. August 24	ib.	Webb, Joseph. May 3	ib.
Wereley, John. Oct. 4	ib.	Way, Baruch. June 7	ib.
Wheatley, James. Nov. 13	ib.	Webb, Orange. July 5	ib.
Whiting, Colvin. Feb. 1	1814	Waters, Asa. Oct. 15 1317. Dec. 21 1818.	
Wright, H. & O Roberts. Mar. 26	ib.	Watson, Joseph. Jan. 15	1818
Wollias, M. B. W. & H. P. Barlow. May 6	ib.	Wright, Daniel. Jan. 15	ib.
Wolworth, Dan. May 27	ib.	Willson, Increase. March 6	ib.
Willson, Andrew. June 11	ib.	Waterman, John. May 28	ib.
Wood, Jethro. July 1 1813. Sept. 1 1819.		Wheeler,, A. June 10 1818. Feb. 19 1819.	
Welsh, J. and T. Evans. Aug. 13	ib.	Warren, Edmund. Aug 27	ib.
Wright, William. Oct. 12	ib.	Willson, Henry. Dec. 29	ib.
Wells, James. Dec. 17	ib.	Wheatley, Henry Wm. Dec. 30	ib.
Wells, John J. Jan. 24	1815	Weed, Shadrack H. Feb. 3	1819
Feb. 8 1819.		Wilson, Thomas. Feb. 8	ib.
Worsley, J. & F. Parker. Feb. 21	ib.	Watkins, Horatio. March 18	ib.
White, Rand. March 3	ib.	Whiting, Nathan. March 19	ib.
Warner, Thos. May 11	ib.	Wisheart, James. May 25	ib.
Wood, James. June 13	ib.	Whiting, Preston. June 11	ib.
Whitmell, Thos. Sept. 2	ib.	Wilmer, Benjamin. Aug. 20	ib.
Warner, Erastus. Sept. 12	ib.	Whitehead, John. Aug. 30	ib.
Ware, Jacob. Sept. 20	ib.	Williams, Charles. Jan. 18	1820
Widdefield, James. Oct. 11	ib.	White, Canvass. Feb. 1	ib.
		Willcox, Richard. April 20	ib.

Y.

Youle, John. May 25	1795	1809. July 5 1814	Mar. 19 1819.
Young, Frederick. Aug. 23	1800	Young, Thomas. May 11	1807
Young, W. Nov 20 1800. May 20 1807. June 10 1819.		Yarwood, Joseph. March 11	1809
Young, N. May 14 1802. June 28 1803		Youngs, Seth. May 1	1810
Youle, C. Aug. 25 1803. Mar. 21 1806. May 21 1806. July 27		Yeomans, Roger. May 28	ib.
		Yeaman R. Jan. 9 1815. Nov. 20 1819.	
		Young, Daniel. April 17	1819

Z.

Zacharie, P. Nov. 24 1791. May 4 1796. May 10 1805.		Zorger, Michael. April 2	1812
		Zuisler, James. July 1	1814

MODE OF APPLYING FOR A PATENT.

Every inventor before he presents his petition to the Secretary of State, signifying his desire of obtaining a patent, shall pay into the treasury of the United States thirty dollars, for which he shall be furnished with duplicate receipts, one of which he shall deliver to the Secretary of State, when he presents his petition; and the money thus paid shall be in full for the sundry services to be performed in the office of the Secretary of State, consequent to such petition. This petition must be addressed to the Secretary of State, and may be in the following, or in a similar style:

TO THE HON. _____ SECRETARY OF STATE OF THE
UNITED STATES:

The Petition of A. B. of _____, in the county of _____, and State of _____ respectfully represents:

That your petitioner has invented a new and useful improvement [“ or art, machine, manufacture or composition of matter, or any new and useful improvement in any art, machine, manufacture, or composition of matter] in _____ not known or used before his application,” the advantages of which he is desirous of securing to himself and his legal representatives, he therefore prays that letters Patent of the United States may be issued, granting unto your petitioner, his heirs, administrators or assigns, the full and exclusive right of making, constructing, using and vending to others to be used, his said improvement, (art, invention, machine, manufacture or composition of matter, &c.) agreeably to the act of Congress in such case made and provided; your petitioner having paid thirty dollars into the treasury of the United States, and complied with other provisions of the said acts. A. B.

The *specification* or description of the machine, art, discovery, or invention, must be given in clear and specific terms, designating it from all other inventions, and describing the whole in such a manner, as to comprehend not only the form and construction, (if a machine) but also the mode of using the same; and if it be only an improvement on a certain machine already invented by the applicant or any other, it ought to be so mentioned or described; and as this specification, description or schedule, enters into, and forms part of the patent, it must be without any references to a model or drawing, and must be signed by the applicant or applicants, before two witnesses. It is material that this be in good language, and correctly written, as it is transcribed into the patent, and the original papers will be deposited in an office, that will hand them down to posterity; by which the honour of the country is concerned in this attention. The modest inventor will no doubt, exclude those panegyrics on the excellence of his invention or discovery, which abound sometimes in the productions of the inferior genius, but which ought not to enter into the patent.

The following, or a similar oath or affirmation, taken [before a judge of any of the courts, or a justice of the peace, or any person qualified to administer an oath] by the applicant or applicants, must be subjoined to the specification, if citizens of the United States.

FORM.

County of _____ }
State of _____ } ss.

On this _____ of _____, 18____, before the subscriber, a Justice of the Peace, in and for the said county, personally appeared the aforementioned A. B. and made solemn oath [or affirmation] according to law, that he verily believes himself to be the true and original inventor or discoverer of the art, [machine, invention, or improvement, composition of matter, &c.] above specified and described, for _____ (mention here the object or intention) _____ and that he is a citizen of the United States. _____, Just. Peace

If not a citizen (or citizens) the following addition must be made to the declaration, “ that he verily believes himself to be the true and original inventor or discoverer of the art, &c. And that the same hath not, to the best of his or her knowledge, or belief, been known or used, either in this or any foreign country

“ ——— ” Also, that he (or she) hath resided in the United States for two “ years and upwards.”

It is not necessary that the time of residence should immediately precede the application.

If any inventor or discoverer should die intestate before an application be made for a patent, his legal representatives may apply for the patent, in trust for the heirs at law ; otherwise in trust for the devisees.

The specification must be accompanied by a good drawing, in perspective, of the whole machine or apparatus, “ where the nature of the case admits of drawings, or with specimens of the ingredients, and of the composition of matter, sufficient in quantity for the purpose of experiment, where the invention is of a composition of matter.” “ and such inventor shall, moreover, deliver a model of his machine, provided the Secretary shall deem such model to be necessary.” It is requisite, in giving a drawing of the machine, to give also sectional drawings of the interior, when the machine is complex ; and every drawing should be accompanied with explanatory references. If the machine be complex, a model will likewise be necessary, not only to explain and render it comprehensible to a common capacity, but also to prevent infringements of rights ; for many will plead ignorance of drawings, who cannot avoid conviction by wheels and pinions.

The drawings ought not to exceed a quarto size, and if confined to octavo, they would be still better, where it can be done conveniently and distinctly.

An Act for the Encouragement of Learning, by securing the Copies of Maps, Charts and Books, to the Authors and Proprietors of such Copies, during the times therein mentioned.”

SECT. 1. *Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,* That from and after the passing of this act, the author and authors of any map, chart, book or books already printed within these United States, being a citizen or citizens thereof, or resident within the same, his or their executors, administrators or assigns, who hath or have not transferred to any other person the copy-right of such map, chart, book or books, share or shares thereof ; and any other person or persons, being a citizen or citizens of these United States, or residents therein, his or their executors, administrators or assigns, who hath or have purchased or legally acquired the copy-right of any such map, chart, book or books, in order to print, reprint, publish or vend the same, shall have the sole right and liberty of printing, reprinting, publishing and vending such map, chart, book or books, for the term of fourteen years from the recording the title thereof in the clerk’s office, as is hereafter directed : And that the author and authors of any map, chart, book or books already made and composed, and not printed or published, or that shall hereafter be made and composed, being a citizen or citizens of these United States, or resident therein, and his or their executors, administrators or assigns, shall have the sole right and liberty of printing, reprinting, publishing and vending such map, chart, book or books, for the like term of fourteen years from the time of recording the title thereof in the clerk’s office as aforesaid. And if, at the expiration of said term, the author or authors, or any of them, be living, and a citizen or citizens of these United States, or resident therein, the same exclusive right shall be continued to him or them, his or their executors, administrators or assigns, for the further term of fourteen years : *Provided,* he or they shall cause the title thereof to be a second time recorded and published in the same manner as is herein after directed, and that within six months before the expiration of the first term of fourteen years aforesaid.

SECT. 2. *And be it further enacted,* That if any other person or persons, from and after the recording the title of any map, chart, book or books, and publishing the same as aforesaid, and within the times limited and granted by this act, shall print, reprint, publish or import, or cause to be printed, reprinted, published, or imported from any foreign kingdom or state, any copy or copies of such map, chart, book or books, without the consent of the author or proprietor thereof, first had and obtained in writing, signed in the presence of two or more creditable witnesses ; or knowing the same to be so printed, reprinted, or imported, shall publish, sell or expose to sale, or cause to be published, sold,

or exposed to sale, any copy of such map, chart, book or books, without such consent first had and obtained in writing as aforesaid, then such offender or offenders shall forfeit all and every copy and copies of such map, chart, book or books, and all and every sheet and sheets, being part of the same, or either of them, to the author or proprietor of such map, chart, book or books, who shall forthwith destroy the same: And every such offender or offenders shall also forfeit and pay the sum of fifty cents for every sheet which shall be found in his or their possession, either printed or printing, published, imported or exposed to sale, contrary to the true intent and meaning of this act, the one moiety thereof to the author or proprietor of such map, chart, book or books, who shall sue for the same, and the other moiety thereof, to and for the use of the United States, to be recovered by action of debt in any court of record in the United States, wherein the same is cognizable. *Provided always*, That such action be commenced within one year after the cause of action shall arise, and not afterwards.

SECT. 3. *And be it further enacted*, That no person shall be entitled to the benefit of this act, in cases where any map, chart, book or books, hath or have been already printed or published, unless he shall first deposit, and in all other cases, unless he shall before publication deposit a printed copy of the title of such map, chart, book or books, in the clerk's office of the district court where the author or proprietor shall reside: And the clerk of such court is hereby directed and required to record the same forthwith, in a book to be kept by him for that purpose, in the words following, (giving a copy thereof to the said author or proprietor, under the seal of the court, if he shall require the same.)

“ District of _____ to wit: *Be it remembered*, That on the day of _____ in the _____ year of the independence of the United States of America, A. B. of the said district, hath deposited in this office the title of a map, chart, book or books, (as the case may be) the right whereof he claims as author or proprietor, (as the case may be) in the words following, to wit: [here insert the title] in conformity to the act of the Congress of the United States, intituled, “An act for the encouragement of learning, by securing the copies of maps, charts, and books, to the authors and proprietors of such copies, during the times therein mentioned.” C. D. clerk of the district of _____”

” For which the said clerk shall be entitled to receive sixty cents from the said author or proprietor, and sixty cents for every copy under seal actually given to such author or proprietor as aforesaid. And such author or proprietor shall, within two months from the date thereof, cause a copy of the said record to be published in one or more of the newspapers printed in the United States, for the space of four weeks.

SECT. 4. *And be it further enacted*, That the author or proprietor of any such map, chart, book or books, shall, within six months after the publishing thereof, deliver, or cause to be delivered to the Secretary of State a copy of the same, to be preserved in his office.

SECT. 5. *And be it further enacted*, That nothing in this act shall be construed to extend to prohibit the importation or vending, reprinting or publishing within the United States, of any map, chart, book or books, written, printed, or published by any person not a citizen of the United States, in foreign parts or places without the jurisdiction of the United States.

SECT. 6. *And be it further enacted*, That any person or persons who shall print or publish any manuscript, without the consent and approbation of the author or proprietor thereof, first had and obtained as aforesaid, (if such author or proprietor be a citizen of, or resident in these United States,) shall be liable to suffer and pay to the said author or proprietor all damages occasioned by such injury, to be recovered by a special action on the case founded upon this act, in any court having cognizance thereof.

SECT. 7. *And be it further enacted*, That any person or persons shall be sued or prosecuted for any matter, act, or thing done under or by virtue of this act, he or they may plead the general issue, and give the special matter in evidence.

FREDERICK AUGUSTUS MUHLENBERG,

Speaker of the House of Representatives.

JOHN ADAMS,

Vice-President of the United States,

and President of the Senate.

Approved—May 31, 1790.

GEO. WASHINGTON, *President of the United States.*

An ACT to promote the Progress of useful Arts ; and to repeal the Act heretofore made for that purpose.

SECT. 1. *Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled,* That any person or persons being a citizen or citizens of the United States, shall allege that he or they have invented any new and useful art, machine, manufacture, or composition of matter, or any new and useful improvement on any art, machine, manufacture or composition of matter, not known or used before the application, and shall present a petition to the Secretary of State, signifying a desire of obtaining an exclusive property in the same, and praying that a patent may be granted therefor, it shall and may be lawful for the said Secretary of State, to cause letters patent to be made out in the name of the United States, bearing test by the President of the United States, reciting the allegations and suggestions of the said petition, and giving a short description of the said invention or discovery, and thereupon granting to such petitioner or petitioners, his, her or their heirs, administrators or assigns, for a term not exceeding fourteen years, the full and exclusive right and liberty of making, constructing, using and vending to others to be used, the said invention or discovery, which letters patent shall be delivered to the Attorney General of the United States, to be examined ; who, within fifteen days after such delivery, if he finds the same conformable to this act, shall certify accordingly at the foot thereof, and return the same to the Secretary of State, who shall present the letters Patent thus certified, to be signed, and shall cause the seal of the United States to be thereto affixed : and the same shall be good and available to the grantee or grantees, by force of this act, and shall be recorded in a book, to be kept for that purpose, in the office of the Secretary of State, and delivered to the patentee, or his order.

SECT. 2. *Provided always, and be it further enacted,* That any person, who shall have discovered an improvement in the principle of any machine, or in the process of any composition of matter, which shall have been patented, and shall have obtained a patent for such improvement, he shall not be at liberty to make, use or vend the original discovery, nor shall the first inventor be at liberty to use the improvement : and it is hereby enacted and declared, that simply changing the form or proportions of any machine, or composition of matter, in any degree, shall not be deemed a discovery.

SECT. 3. *And be it further enacted,* That every inventor, before he can receive a patent, shall swear or affirm, that he does verily believe, that he is the true inventor or discoverer of the art, machine, or improvement, for which he solicits a patent, which oath or affirmation may be made before any person authorized to administer oaths, and shall deliver a written description of his invention, and of the manner of using, or process of compounding the same, in such full, clear and exact terms, as to distinguish the same from all other things before known, and to enable any person skilled in the art or science, of which it is a branch, or with which it is most nearly connected, to make, compound, and use the same. And in the case of any machine, he shall fully explain the principle, and the several modes, in which he has contemplated the application of that principle or character, by which it may be distinguished from other inventions ; and he shall accompany the whole with drawings and written references where the nature of the case admits of drawings, or with specimens of the ingredients, and of the composition of matter, sufficient in quantity for the purpose of experiment, where the invention is of a composition of matter ; which descriptions signed by himself, and attested by two witnesses, shall be filed in the office of the Secretary of State, and certified copies thereof shall be competent evidence, in all courts, where any matter or thing, touching such patent-right, shall come in question. And such inventor shall moreover, deliver a model of his machine, provided the Secretary shall deem such model to be necessary.

SECT. 4. *And be it further enacted,* That it shall be lawful for any inventor, his executor or administrator, to assign the title and interest in the said invention, at any time, and the assignee having recorded the said assignment, in the office of the Secretary of State, shall thereafter stand in the place of the original inventor, both as to right and responsibility, and so the assignees or assigns, to any degree.

SECT. 5. *And be it further enacted,* That if any person shall make, devise and

use, or sell the thing so invented, the exclusive right of which shall as aforesaid, have been secured to any person by patent, without the consent of the patentee, his executors, administrators or assigns, first obtained in writing, every person, so offending, shall forfeit to pay the patentee, a sum that shall be at least equal to three times the price, for which the patentee has usually sold or licenced to other persons, the use of the said invention; which may be recovered in an action on the case founded on this act, in the circuit court of the United States, or any other court having competent jurisdiction.

SECT. 6. *Provided always and be it further enacted*, That the defendant in such action shall be permitted to plead the general issue, and give this act and any special matter, of which notice in writing may have been given to the plaintiff or his attorney, thirty days before trial, in evidence, tending to prove, that the specification filed by the plaintiff, does not contain the whole truth relative to his discovery, or that it contains more than is necessary to produce the described effect, which concealment or addition shall fully appear to have been made, for the purpose of deceiving the public, or that the thing, thus secured by patent was not originally discovered by the patentee, but had been in use, or had been described in some public work, anterior to the supposed discovery of the patentee, or that he had surreptitiously obtained a patent for the discovery of another person: in either of which cases, judgment shall be rendered for the defendant, with costs, and the patent shall be declared void.

SECT. 7. *And be it further enacted*, That where any state before its adoption of the present form of government, shall have granted an exclusive right to any invention, the party claiming that right, shall not be capable of obtaining an exclusive right under this act, but on relinquishing his right under such particular state, and of such relinquishment, his obtaining an exclusive right under this act shall be sufficient evidence.

SECT. 8. *And be it further enacted*, That the persons, whose applications for patents, were, at the time passing of this act, depending before the Secretary of State, Secretary at War, and Attorney General, according to the act, passed the second session of the first Congress, intitled, "An act to promote the progress of useful arts," on complying with the conditions of this act, and paying the fees herein required, may pursue their respective claims to a patent under the same.

SECT. 9. *And be it further enacted*, That in case of interfering applications the same shall be submitted to the arbitration of three persons, one of whom shall be chosen by each of the applicants, and the third person shall be appointed by the Secretary of State; and the decision or award of such arbitrators, delivered to the Secretary of State, in writing and subscribed by them, or any two of them shall be final, as far as respects the granting of the patent: And if either of the applicants shall refuse or fail to choose an arbitrator, the patent shall issue to the opposite party. And where there shall be more than two interfering applications, and the parties applying shall not all unite in appointing three arbitrators, it shall be in the power of the Secretary of State to appoint three arbitrators for the purpose.

SECT. 10. *And be it further enacted*, That upon oath or affirmation being made, before the judge of the district court, where the patentee, his executors, administrators or his assigns reside, that any patent which shall be issued in pursuance of this act, was obtained surreptitiously, or upon false suggestion, and motion made to the said court, within three years after issuing the said patent, but not afterwards, it shall and may be lawful for the judge of the said district court, if the matter alledged shall appear to him to be sufficient, to grant a rule, that the patentee, or his executor, administrator or assign, shew cause why process should not issue against him to repeal such patent. And if sufficient cause shall not be shown to the contrary, the rule shall be made absolute, and thereupon the said judge shall order process to be issued against such patentee, or his executors, administrators or assigns, with costs of suit. And in case, no sufficient cause shall be shown to the contrary, or if it shall appear, that the patentee was not the true inventor or discoverer, judgment shall be rendered by such court for repeal of such patent; and if the party, at whose complaint the process issued, shall have judgment given against him, he shall pay all such costs, as the defendant shall be put to, in defending the suit, to be taxed by the court, and recovered in due course of law.

SECT. 11. *And be it further enacted*, That every inventor, before he presents his petition to the Secretary of State, signifying his desire of obtaining a patent, shall pay into the Treasury thirty dollars, for which he shall take duplicate receipts; one of which receipts he shall deliver to the Secretary of State, when he presents his petition: and the money, thus paid, shall be in full for the sundry services, to be performed in the office of the Secretary of State, consequent on such petition, and shall pass to the account of clerk-hire in that office. *Provided nevertheless*, That for every copy which may be required at the said office, of any paper respecting any patent, that has been granted, the person obtaining such copy, shall pay at the rate of twenty cents, for every copy-sheet of one hundred words, and for every copy of a drawing, the party obtaining the same, shall pay two dollars: of which payments, an account shall be rendered, annually to the treasury of the United States, and they shall also pass to the account of clerk-hire in the office of the Secretary of State.

SECT. 12. *And be it further enacted*, That the act passed the tenth day of April, in the year one thousand seven hundred and ninety, intituled, "An act to promote the progress of useful arts," be, and the same is hereby repealed. *Provided always*, That nothing, contained in this act, shall be construed to invalidate any patent, that may have been granted under the authority of said act; and all patentees under said act, their executors, administrators or assigns, shall be considered within the purview of this act, in respect of the violation of their rights, *Provided*, such violations shall be committed, after the passing of this act.

JONATHAN TRUMBULL,

Speaker of the House of Representatives.

JOHN ADAMS,

*Vice-President of the United States, and
President of the Senate.*

Approved,---February 21, 1793:

GEORGE WASHINGTON, *President of the United States.*

An ACT to extend the privilege of obtaining patents for useful discoveries and inventions, to certain persons therein mentioned, and to enlarge and define the penalties for violating the rights of Patentees.

SECT. 1. *Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled*, That all and singular the rights and privileges given, intended or provided to citizens of the United States, respecting Patents for new inventions, discoveries, and improvements, by the act, intituled "An act to promote the progress of useful arts, and to repeal the act heretofore made for that purpose," shall be, and hereby are extended and given to all aliens, who at the time of petitioning in the manner prescribed by the said act, shall have resided for two years within the United States, which privileges shall be obtained, used, and enjoyed, by such persons, in as full and ample manner, and under the same conditions, limitations, and restrictions, as by the said act is provided and directed in case of citizens of the United States. *Provided always*, That every person petitioning for a Patent for any invention, art or discovery, pursuant to this act, shall make oath or affirmation before some person duly authorized to administer oaths, before such Patent can be granted, that such invention, art or discovery hath not, to the best of his or her knowledge or belief, been known or used either in this or any foreign country; and that every Patent which shall be obtained pursuant to this act, for any invention, art or discovery, which it shall afterwards appear had been known or used previous to such application for a Patent, shall be utterly void.

SECT. 2. *And be it further enacted*, That where any person hath made, or shall have made, any new invention, discovery or improvement, on account of which a Patent might, by virtue of this or the abovementioned act, be granted to such person, and shall die before any Patent shall be granted therefor, the right of applying for and obtaining such Patent, shall devolve on the legal representatives, of such person in trust for the heirs at law of the deceased, in case he shall have died intestate; but if otherwise, then in trust for his devisees, in as full and ample manner, and under, the same conditions, limitations and restrictions, as the same was held or might have been claimed or enjoyed by such person, in his

or her life time : and when application for a Patent shall be made by such legal representatives, the oath or affirmation provided in the third section of the beforementioned act, shall be so varied as to be applicable to them.

SECT. 3. *And be it further enacted,* That where any Patent shall be, or shall have been granted pursuant to this or the abovementioned act, and any person without the consent of the Patentee, his or her executors, administrators or assigns first obtained in writing, shall make, devise, use, or sell the thing whereof the exclusive right is secured to the said Patentee by such Patent, such person so offending shall forfeit and pay to the said Patentee, his executors, administrators or assigns, a sum equal to three times the actual damage sustained by such Patentee, his executors, administrators, or assigns, from or by reason of such offence, which sum shall and may be recovered, by action on the case founded on this and the abovementioned act, in the circuit court of the United States, having jurisdiction thereof.

SECT. 4. *And be it further enacted,* That the fifth section of the abovementioned act, intituled "An act to promote the progress of useful arts, and to repeal the act heretofore made for that purpose," shall be and hereby is repealed.

THEODORE SEDGWICK,

Speaker of the House of Representatives.

THOS. JEFFERSON,

*Vice President of the United States, and
President of the Senate.*

Approved—April 17th, A. D. 1800

JOHN ADAMS, *President of the United States.*

An ACT supplementary to an Act, entitled "An Act for the encouragement of Learning, by securing the Copies of Maps, Charts, and Books, to the authors or proprietors of such copies, during the time therein mentioned," and extending the benefits thereof to the arts of designing, engraving, and etching, historical and other prints

SECT. 1. *Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,* That every person who shall, from and after the first day of January next, claim to be the author or proprietor of any maps, charts, book or books, and shall thereafter seek to obtain a copy-right of the same, agreeable to the rules prescribed by law, before he shall be entitled to the benefit of the act, entitled "An Act for the encouragement of learning, by securing the copies of maps, charts, and books, to the authors and proprietors of such copies during the time therein mentioned," he shall, in addition to the requisites enjoined in the third and fourth sections of said act, if a book or books, give information, by causing the copy of the record which, by said act, he is required to publish in one or more of the newspapers, to be inserted at full length in the title page, or in the page immediately following the title, of every such book or books; and if a map or chart, shall cause the following words to be impressed on the face thereof, viz.—"Entered according to Act of Congress, the —— day of —— 18—— [here insert the date when the same was deposited in the office] by A. B. of the state of —— [here insert the author's or proprietor's name, and the state in which he resides.]

SECT. 2. *And be it further enacted,* That from and after the first day of January next, every person, being a citizen of the United States, or resident within the same, who shall invent and design, engrave, etch or work, or, from his own works and inventions, shall cause to be designed and engraved, etched or worked, any historical or other print or prints, shall have the sole right and liberty of printing, reprinting, publishing and vending, such print or prints, for the term of fourteen years, from the recording the title thereof in the clerk's office, as prescribed by law for maps, charts, book or books: *Provided,* he shall perform all the requisites in relation to such print or prints, as are directed in relation to maps, charts, book or books in the third and fourth sections of the act to which this is a supplement, and shall, moreover, cause the same entry to be truly engraved on such plate, with the name of the proprietor, and printed on every such print or prints, as hereinbefore required to be made on maps or charts.

SECT. 3. *And be it further enacted,* That if any printseller, or other person what-

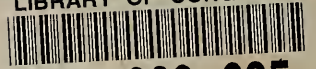
soever, from and after the said first day of January next, within the time limited by this act, shall engrave, etch or work, as aforesaid, or in any other manner copy or sell, or cause to be engraved, etched, copied, or sold, in the whole or in part, by varying, adding to, or diminishing from, the main design, or shall print, reprint, or import for sale, or cause to be printed, reprinted, or imported for sale, any such print or prints, or any parts thereof, without the consent of the proprietor or proprietors thereof, first had and obtained, in writing, signed by him or them respectively, in the presence of two or more creditable witnesses; or, knowing the same to be so printed or reprinted, without the consent of the proprietor or proprietors, shall publish, sell or expose to sale, or otherwise, or in any other manner, dispose of any such print or prints, without such consent first had and obtained, as aforesaid, then such offender or offenders shall forfeit the plate or plates on which such print or prints are or shall be copied, and all and every sheet or sheets (being part of, or whereon, such print or prints are or shall be copied or printed) to the proprietor or proprietors of such original print or prints, who shall forthwith destroy the same: and further, that every such offender or offenders shall forfeit one dollar for every print which shall be found in his, her, or their custody, either printed, published, or exposed to sale, or otherwise disposed of, contrary to the true intent and meaning of this act; the one moiety thereof to any person who shall sue for the same, and the other moiety thereof to and for the use of the United States, to be recovered in any court having competent jurisdiction thereof.

SECT. 4. *And be it further enacted,* That if any person or persons, from and after the passing of this act, shall print or publish any map, chart, book or books, print or prints, who have not legally acquired the copy-right of such map, chart, book or books, print or prints, and shall, contrary to the true intent and meaning of this act, insert therein, or impress thereon, that the same has been entered according to act of Congress, or words purporting the same, or purporting that the copy-right thereof has been acquired; every person so offending, shall forfeit and pay the sum of one hundred dollars, one moiety thereof to the person who shall sue for the same, and the other moiety thereof to and for the use of the United States, to be recovered by action of debt, in any court of record in the United States having cognizance thereof: *Provided always,* That in every case for forfeitures hereinbefore given, the action being commenced within two years from the time the cause of action may have arisen.

[*Approved, April 29, 1802.*]



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