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Can be patented for a term of years, also, new medicines or medical com. pounds, and usefulmixtures of all kinds. When the invention consists of a 97,069.—LAMP BURNER.—J. B. Fuller, Norwich, Conn. 97,070.—GRAIN CONVEYER.—John Gardiner, Philadelphia, medicine or compound, or a new article of manufacture, or a new compo-97.071.-

Scientific American.

Official List of Latents.

97,021.-HORSESHOE MACHINE. - Wesley Anderson, Pitts-

- burgh, Pa. 97,022.-MOUTH PIECE OF BRIDLE BITS.-A. P. Baldwin,
- Newark, N. J. 97,023.—WELDING IRON AND STEEL.—John F. Beazel, Union-
- own, Pa
- town, Pa. 97,024.—KEY GUARD.—M. E. Berolzheimer, New York city. 97,025.—SCOOP AND SIFTER FOR FLOUR, ETC.—Cephus Beu-cus, Waupun, Wis. 97,026.—MAGAZINE FOR BASE-BURNING STOVES.—B. C. Bibb, Baltimore, Md. 97,027.—FIREPLACE STOVE.—B. C. Bibb, Baltimore, Md. 97,028.—FIREPLACE STOVE.—B. C. Bibb and Philip Klotz, Baltimore. Md.
- Baltimore, Ma. 97,029.—FIREPLACE STOVE.—B. C. Bibb and Philip Klotz,

- 97,045.—COMPOUND FOR INSULATING.—A. H. Castle, Ann Arbor, Mich.
 97,046.—MANUFACTURE OF CAST-METAL DIES.—Luke Chapman (assignor to Collins Co), Collinsville, Conn.
 97,047.—VEGETABLE, CUTTER.—M. H. Chrysler, Kinderhook, N. Y. Antedated Novils, 1869.
 97,048.—STEAM COOKING APPARATUS.—James O. Clay, Hud-
- son, Wis. 97,049.—COMBINED BUTTER CUTTER AND STAMP.—Nathan
- Clough, Lowell, Mass. 97,050.—FIREPLACE.—Benjamin F. Conley, Funnelton, West
- Virginia. 97.051.—MERCURIAL GAS REGULATOR FOR NITROUS OXIDE
- APPARATUS. J. B. Coolidge, Boston, Mass. 97,052.—MERCURIAL REGULATOR FOR VULCANIZING AND other Harters. J. B. Coolidge, Boston, Mass. 97,053.—BUTTER MOLD AND PRINT.—Jas. S. Corya, Dupont,
- 97,054.—Apparatus for Tempering Steel.—C. B. Cottrell,
- Westerly, R. I. 97,055.—HIVE FOR RAISING QUEEN BEES. Jewell Davis,
- Indianapolis, Ind. 97,056.—STEAM ENGINE GOVERNOR.—Rollin Defrees, Newark,
- N. J., assigns to J. D. Defrees, A. Defrees, and T. Percival three fourths of his right. Antenated Nov. 19, 1869.
 97,057.—BILLIARD-TABLE CUSHION.—Mathew Delany, Vir-
- ginia City, Nevada. 97,058.—PORTABLE STILL.—L. A. De Lime, St. Louis, Mo. 97,059.—Apparatus for Obtaining Extractive Matter
- FROM SUGAR CANE AND OTHER MATERIALS.-LOUIS A. DE LIME, St Louis, Mo.
- 97,060.—METHOD OF CONSTRUCTING ORNAMENTAL WOOD-work.—Joseph Dill aud H. E. Jordan, Grand Rapids, Mich. Antedated Sept. 22,1869.
- 97,061.—BAG FOR GATHERING FRUIT.—N. B. Dixon and M.W. Sprague, Rochester, N. Y., assignors to N. B. Dixon. 97,062.—HARVESTER CUTTER.—G. L. Du Laney, Mechanics-
- burg, Pa. 97,063.—CHAIR AND FAN.—Abraham Dyson, St. Louis, Mo.
- 97,063.—CHAIR AND FAN.—Abraham Dyson, St. Louis, Mo.
 97,064.—STEAM ENGINE VALVE GEAR.—T. Dyson and Geo. Smith, New York city. Antedated Nov. 19, 1869.
 97,065.—WATER WHEEL.—A. A. Easton, Killingly, and A. J. Harrington, Plainfield, Conn.
 97,066.—COOKING STOVE.—Richard Eaton, London, England, and Joseph Marks, Boston, Mass.
 97,067.—BEEHIVE.—W. A. Elam, Milan, Tenn.
 97,068.—EXCAVATING MACHINE.—William H. Elliott, New York city.
- Tork city. 97,069.—LAMP BURNER.—J. B. Fuller, Norwich, Conn.
- -TICKET PUNCH.-John Gardner, San Francisco, Cal.

97,089.-WHOOPING COUGH PLASTER.-Frederick Hower, 97,090.—KNIFESHARPENER.—W. H. Howland, San Francisco

- 97,091.-LUBRICATOR.-J. J. Hoyt, Chelmsford, Mass.
- 97,091.—LUBRICATOR.—J. J. HOY, Chemistord, Mass.
 97,092.—PANELING MACHINE. Nicholas Jenkins, New Tork city.
 97,093.—PLATE LIFTER AND BREAD TOASTER.—T. D. Keith Maywith: Wis.
 97,094.—FIRE PLACE STOVE.—Philip Klotz, Baltimore, Md.
 97,095.—MACHINE FOR WINDING THREAD ON BOBBINS, ETC. L. K HOWES, WARREN MASS.

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- 97,095.—MACHINE FOR WINDING THREAD ON BOBBINS, ETC –L. J. Knowles, Warren, Mass. 97,096.—LATHE FOR TURNING OVALS.—Ramsey Lawson Shelburne Falls, Mass. 97,097.—FLUID METER.—H. B. Leach, Boston, Mass. 97,098.—GRINDSTONE. Thomas Loring, Blackwoodtown
- 97,099.—COMBINATION POCKET RULE. Joel Manchester New Tork city. 97,100.—AERIAL STEAM CAR.—Fred. Marriott, San Francisco
- \$1 97,101.-COMBINED BED AND MUSICAL INSTRUMENT BOARD
 - -John McDonald, New York city. 97,102.—STUMP EXTRACTOR.— Alex. McLeod, Black River Falls, Wis. 97,103.—CHURN.—Friedrich Miller, Frostburg, Md. 97,104.—HARROW.—J. H. Miller and F. A. Pickering, Niantic
- 97,105.—WATER CLOSET.—G. R. Moore, Philadelphia, Pa.
 97,106.—POWER LOOM FOR WEAVING INGRAIN CARPETS.— Wm. Murkland and J. W. Murkland, Lewell, Mass.
- 97,107.—TIRE-BENDING MACHINE.—John Naugle, Moresville,
- Ind. Antedated Nov. 10, 1869. 97,108.—COVERING FOR STEAM BOILERS.—Chas. M. O'Hara, New York city. 97,109.—HAND CORN SHELLER.—Chas. M. O'Hara, Bolivar,
- 97,110.—VELOCIPEDE. Joseph Ives Pease, Stockbridge,
- Mass. 97,111.—FIFTH WHEEL FOR CARRIAGES.—J. A. Peck (assign-or to himself and W. L. White, Jr.), Taunton, Mass.
- 97,112.-SAW MILL.-Wm. Penny, Milton, Fla.

- 97,112.—SAW MILL.—W.M. Penny, Mitton, Fia.
 97,113.—BENDING MACHINE.—David Pierce, Almont, Mich.
 97,114.—DERRICK.—J. W. Piper, Chicago, and W. J. Hanger and J. S. Hanger, Taylor, I.I.
 97,115.—MACHINE FOR MAKING WHEELS.—Thomas Place, Alfred Centre, N. T.
 97,116.—SUSPENDER.—T. O. Potter, Boston, Mass.
 97,117.—MACHINE FOR ROLLING BARS FOR HORSESHOES.— Alfred Reclure township. Pa.
- Abram Reese, McClure townsbip, Pa. 97,118.—HORSESHOE MACHINE.—Jacob Reese and A. Reese.
- Pittsburgh, Pa. 97,119.—WEIGHINGBASKET.—C.Renne and F. Landenberger,
- New York city. 97,120.—PAFEN-CUTTING MACHINE.—Thomas C. Robinson, Bostor, Mass. 97,121.—COMBINED PLANTER AND CULTIVATOR.—J. A. Rock-
- wood (assignor to himself and S. Morris), Kinderhook, III. 97,122.—PORTABLE GAS APPARATUS AND CARBURETER.—M.
- 97,122.—PORTABLE GAS APPARATUS AND CARBURETER.—M. A. Root, Philadelphia, and J. D. Custer, Norristown, Pa.
 97,123.—SECURING THE CANNON PINIONS OF WATCHES.—E. Sandoz, Hudson City, N. J. Antedated Nov. 15, 1869.
 97,124.—BEEHIVE.—Riley Sanford, Marion, N. Y.
 97,125.—FLUTING MACHINE.—H. C. Sergeant, Newark, N. J.
 97,126.—MOWING MACHINE.—W. H. Seymour, Brockport, N.Y
 97,128.—WORK BOX AND DESK.—C.W. Small, Worcester, Mass.
 97,129.—DEVICE FOR PACKING EGGS FORTRANSPORTATION. -A. S. SMICH, LAWTERC, Mass.
 97,129.—APPA BATUS FOR BUILDING SOD FENCES.—CVIUS W

-A. S. Smith, Lawrence, Mass. 97,130. - APPARATUS FOR BUILDING SOD FENCES. - Cyrus W Smith, Morrisville, N. Y. 97,131. - APPARATUS FOR MANUFACTURING CHEESE. - P. W. Strong, Evans' Mills, N. Y. 97,132. - STAIR ROD. - Josef Stuekler, Brooklyn, N. Y. 97,133. - BUCKLE. - H. R. Swan, Norwalk, Conn. Antedated Nov. 5 1960.

97,185.—Decade. A. A. S. S. M. Torgenson, P. S. Thompson, Nov. 8, 1869.
97,134.—BALANCING MILLSTONE. — George S. Thompson, Philadelphia, Pa.
97,135.—CLOSE STOOL AND CLOSET.—C. True, Pecatonica, Ill.
97,136.—WINDMILL.—W. I. Tustin, San Francisco, Cal.
97,137.—SEEDING MACHINE.—W. A. Van Brunt, Horicon, Wis
97,138.—REVOLVING SCALE.—Hermann Von Schlagintweit-Saturdunski Munich, Bavaria.

Sakunlunski, Munich, Bavaria. 97,139.—CORN PLANTER.—D. F. Wagner, West Hanover, Pa. 97,140.—PAPER-CUTTING MACHINE.—F. L. Walker, Boston,

Mass.
97,141.—MACHINE FOR MAKING NAILS FOR HORSESHOES.— wm. wickersham, Boston, Mass.
97,142.—WAGON LADDER.—Isaac Williams, Bucyrus, Ohio.
97,143.—PROCESS OF BREWING BEER.—Chas. Abresch, New

Fork city. 97,144.—Isaac Adams, Jr.—Suspended. 97,145.—CURING AND PRESERVING FISH.—R. A. Adams,

Cambridge, Mass. 97,146.—PROPELLING APPARATUS.—J. F. Alexander, New

97,147.—SPINDLE FOR LOOM SHUTTLES.—N. I. Allen and J.C.

Moody, Brunswick, Me. 97,148.—STEP LADDER.—E. R. Austin, Elmira, N. Y. 97,149.—CONCRETE PAVEMENT.—D. W. Bailey, Chelsea,

97,151.-MACHINE FOR SAWING SHINGLE BOLTS.-D. H. Ball,

97,153.—PROGRESSIVE RECIPROCATING MOTION FOR STAMPING AND OTHER MACHINES.—R. L. Barclay, Brooklyn, E. D., N. Y.
97,154.—POCKET KNIFE.—F. H. Barnard and W. L. Brace, Hartford, Conn.
97,155.—CONFECTION FROM RAISINS.—Joseph B. Bidwell, Grand Rapids, Mich., assignor to himself and J. C. Knoblock, South Bend, Ind.

97,156.—Method of Forming Sleeve Button Shanks.—

W.H. Blake, Waterbury, Conn. 97,157.—HORSE RAKE.—Olpha Bonney, Jr., San Francisco,

97,158.—Loom.—J. L. Branson, Pittsburgh, Pa.

Sinnamahoning, Pa. 97,152.—KNIFE AND FORK.—James Ball, Brooklyn, N. Y.

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97,174.—FRUIT DRYER.—Elias Dilday, South Pass, Ill.
97,175.—LOOM.—Geo. Duckworth, Wm. Duckworth, James Duckworth, and J. C. Duckworth, Pittsfield, Mass. 97,085.-TURBINE WATER WHEEL.-A. M. Harding, Oregon, City, Oregon. 97,086.—POST-HOLE DIGGER.—B. B. Herrick and C. W. Wick-97,176.-VELOCIPEDE WHEEL.-Wright Duryea, Glen Cove, er, Duquoin, III. 97,087.—Composition Fuel.—Frank N. Hopkins, Baltimore, N. Y. Anledated Nov.12, 1869. 97,177.—CARPENTERS' GROOVING PLANE.—Theodore Duval, Hartford, Conn. 97,178.—MACHINE FOR POUNCING HATS.—Rudolph Eicke-97,088.—CONGLOMERATE FOR PAVING, ROOFING, AND SIMI-LAR PURPOSES.—Frank N. Hopkins, Baltimore, Md. meyer, Yonkers, N.Y.

97,179.—CHURN.—E. R. Embry, Richmond, Ky

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- 97,180.—LINIMENT.—E. C. Evens, Forrest Hill, Ind. 97,181.—DINNER PAIL.—J. O. Fairbairn, Milwaukee, Wis 97,182.—MODE OF RECOVERING THE SPENT ACID FROM OIL REFINERIES.—L. S. Fales, New York city, assignor to the American Fertilizer Company.
- 97,183.—DTCHER AND GRADER.—E. L. Foreman (assignor to Edward Foreman), Rantoul, Ill. Antenated Nov. 15, 1869. 97,184.—VEGETABLE CUTTER.—Warren Gale, Peekskill, N. Y.

- 97,193.—ANIMAL POWER.—J. B. Hall, Cheshire, N. Y.
 97,194.—SHUTTER FASTENING.—Randolph Hayden (assignor to himself and J. C. Ferrel). Middletown, Conn.
 97.195.—MOLF. OF CUTTING SHORS.—H. P. Hayward (assignor to himself. H. C. hahu in, fra Holt, Levi Sherwin, L. J. Brown, and C. N. Wilson, Flichburg, Mass.
 97,196.—LOCK.—A lexander Inglis (assignor to himself, C. W. Tyer, and John Inglis), Indianapolis, Ind.
 97,197.—N ECK-YOKE.—John Jacobs, Oneida, Ill.
 97,198.—BRAID HOLDEH.—A. F. Jennings, Fredonia, N. Y. Antedated Nov.11, 1869.
 97,199.—EVAPORATING PAN FOR SORGHUM JUICE.—A. J. Johnsen (assigner of one half his right, to James Withelm), Louisville, Ky.

- 97,200.—CORN PLANTER.—Daniel Keethler, Mount Oreb,
- 97,201.—CULTIVATOR.—A. B. King, Camden, Ohio. Anteted No 17 186

- dated Nov. 17. 1869.
 97,202. BORING MACHINE. F. L. King, Worcester, Mass.
 97,203. FLYER FOR SPINNING. Wm. La Banister and C. W. Ricker (assigners to C. W. Ricker and S. S. Wilson), Charlestown, Mass.
 97,204. CAR REPLACER. B. S. Lawson, New York city.
 97,205. COMBINED HARROW AND CULTIVATOR. John Lerch, WW. Wilson and S. S. WILSON, Market M
- Dhersville, Pa. 97,206.—Composition Boot and Shoe Heel.—Frank Mar-quard, Nowburyport, Mass. 97,207. Coat. Car and TRACK.—George Martz, Pottsville,

- 97,203.—CAR COUPLING.—Charles Maus, Danville, Pa. 97,209.—TABLE SLIDE.—Seymour May and John Hooper,
- Waterloe, N. Y. 97,310.—MOLDING MACHINE.—Wm. McConnell, Clarksville,
- 97,211.—LOCOMOTIVE HEAD-LIGHT.—Lewis Michaels, Cincinnati, Ohie. 97,212.—CAR COUPLING.—J. T. Middleton (assignor to himself
- and M. M. Harvey). Harveysburg, Olio. 213.— HOV 5L-PLOW PLATE AND POINTS.—Henry Miller, Readside, Va., assignor to himself, S. P. H. Miller, J. G. H. Miller, H. H. MLer, and J. H. Kite. 97,213.
- 97,314.—INHALING APPARATUS.—James Montgomery, New
- York city. 97,315.—BUFFER FOR INSERTING COLLED WIRE AROUT THE
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- good, Boston, Mass. 97,224.—CONSTRUC

- 97,331.—AECHTROCATING STEAM ENGINE.—John B. ROOL, New Yorkoty. Antelated November 12, 1869.
 97,332.—ME' HOD OF RENOVATING THE CUTTING EDGES OF HARVESTER GUARDS.—Jacob Rummel, Jr. (assigner to himself and F. V. Hoori, New Middletown, Ohio.
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