

BURGLAR ALARM FOR WINDOW.—Mary A. Holland, of Passaic, N. J.—This is an improvement in alarm attachments to windows for ringing bells when they are raised; and it consists in an arrangement of apparatus for imparting a vibrating movement to a vertical bell supporting rack or frame, by means of a cam or notched plate on the window sash and a spring. Both the upper and lower sashes are to be caused to sound the alarm, and they are both provided with a set of apparatus for working it, and both sets of apparatus are connected to a bell crank at the top of the window frame. The cranks of the two sashes are so arranged that the cords or wires connecting them with the bell crank extend along the bottom of a groove formed in the window frame between the sash, so that no labor is needed to provide space for them, or at least not more than for slightly deepening the groove. This admits of readily applying the apparatus to windows already built.

LATHE FOR TURNING IRREGULAR FORMS.—Henry R. Hill, Nelson W. Twiss, of New Haven, Conn.—This invention relates to mechanism arranged, in combination with a slide lathe, for cutting or turning prismatic and other forms, intended more especially for turning or cutting stone columns, stone fence posts, balusters, etc., but applicable to wood, metal, and other material; and consists in the construction and arrangement of certain parts, consisting mainly, of a lathe carriage, cutter, cutter slide, spring, eccentric, and feathered shaft, whereby, by a change in the form of the cam, a variety of irregular forms are produced. The article to be turned constantly revolves with a uniform motion, and the position of the cutter, at every moment of time, is governed by the cam. At first sight it appears difficult to cut a perfectly flat surface on a revolving body, as a prism or a polygon, or to flute a column or other article; but as the revolving cam, which governs the cutter, may be of any form, the operation is made quite easy. For turning a taper, the tail center is moved laterally, as in ordinary lathes.

BRIDLE BIT.—Smith C. Boughton, of Waterford, N. Y.—This invention has for its object to furnish an improved driving bit, which shall be so constructed that it may be differently adjusted to meet the different faults of the animals to be driven, bringing the animal in every case completely under the control of the driver. By pulling upon the driving reins, the cheek pieces are forced against the horses' mouths, and the nose band acting as a fulcrum, the bits are thrown to the roof of the animal's mouth with great force, which, together with the side pressure of the cheek pieces, causes him to yield at once. When the nose strap is not used, the bits press upon the animal's lower lips, which, with the side pressure of the cheek pieces, forces the animal's mouth open, loosening his hold upon the bits. In another arrangement, pulling upon the driving reins forces the cheek pieces against the sides of the animal's mouth, and the bits against the roof of his mouth, but not with the same force as when the first arrangement is used. Still another will not compress the sides of the mouth, and may be used for ordinary driving. For a tender mouthed animal, the arrangement may be so adjusted as not to allow the bits to press with much force against the animal's lower lip when the reins are pulled upon, thus applying the pressure to the nose and relieving the tender mouth. Various other arrangements of the bits may be made, to meet special faults of the animal to be driven.

Inventions Patented in England by Americans.

September 5 to September 11, 1871, inclusive.

[Compiled from the Commissioners of Patents' Journal.]

- CHILLED ROLLS.—G. G. Lobdell, Wilmington, Del.
FURNACE.—C. F. Pike, Providence, R. I.
FURNACE.—P. W. Mackenzie, Blauveltville, N. Y.
NAVIGABLE VESSEL.—B. T. Babbitt, New York city.
ORDNANCE.—H. Arden, Brooklyn, N. Y.
PICKLE FORK.—H. Laurence, New Orleans, La.
PREVENTING OXIDATION.—C. Godfrey, Dix Hills, N. Y.
PRINTING MACHINERY.—G. P. Gordon, Rahway, N. J.
PRINTING PRESS.—V. E. Mauger, New York city.
PRINTING PRESS.—V. E. Mauger, New York city.
STOPPER.—W. C. Street, New York city.

Official List of Patents.

ISSUED BY THE U. S. PATENT OFFICE.

FOR THE WEEK ENDING SEPTEMBER 26, 1871.

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- 119,215.—ROCK DRILL.—C. Bernard, Florida, Mass.
119,216.—STEAM WAGON, ETC.—W. C. Bibb, Madison, Ga.
119,217.—SEWING MACHINE.—J. L. Borsch, Philadelphia, Pa.
119,218.—FIRE ARM.—A. Burgess, New York city.
119,219.—LOCOMOTIVE ENGINE.—W. A. Carns, Malden, Mass.
119,220.—WATER WHEEL.—J. T. Case, Bristol, Conn.
119,221.—HORSE POWER.—R. J. Cheney, Petaluma, Cal.
119,222.—LAMP CHIMNEY.—M. H. Collins, Chelsea, Mass.
119,223.—SHAWL STRAP.—G. Crouch, Westport, Conn.
119,224.—PAPER PULP.—A. K. Eaton, Brooklyn, N. Y.
119,225.—GENERATOR.—J. Eberhardt, Conshohocken, Pa.
119,226.—LADDER HOOK.—S. D. Fish, Schuylers Falls, N. Y.
119,227.—GAS.—T. B. Fogarty, Brooklyn, N. Y.
119,228.—FEEDING MACHINE.—J. C. Gould, Oxford, N. J.
119,229.—SHEARS.—I. Grass, Sandusky, Ohio.
119,230.—CHAIR, ETC.—M. A. Hayward, Brooklyn, N. Y.
119,231.—BOLT CUTTER.—J. Johnson, Cochranville, Pa.
119,232.—SUCKER ROD.—D. Jones, Boston, Mass.
119,233.—TRUSS.—N. Jones, Syracuse, N. Y.
119,234.—CRIMPER.—M. R. Lemman, W. A. L. Kirk, Hamilton, O.
119,235.—SPINDLE.—T. E. McDonald, Trenton, N. J.
119,236.—FENDER.—W. H. Miller, Philadelphia, Pa.
119,237.—ANIMAL TRAP.—J. H. Mooney, G. A. Lloyd, San Francisco, Cal.
119,238.—TANNING.—W. Morris, Philadelphia, Pa.
119,239.—BLACKING.—J. H. Patterson, Glen's Falls, N. Y.
119,240.—BENDING WOOD.—S. Patterson, Berlin Heights, O.
119,241.—GRAIN BINDER.—A. Philippi, St. Louis, Mo.
119,242.—ACCELERATING GROWTH.—A. I. Pleasonton, Phil., Pa.
119,243.—FAUCET.—O. Salgee, Brooklyn, N. Y.

- 119,244.—WASHER.—J. H. Schmidt, Stockertown, Pa.
119,245.—DENTAL PLATE.—F. M. Shields, Sacramento, Cal.
119,246.—SEWING MACHINE.—D. M. Smyth, Orange, N. J.
119,247.—PISTON, ETC.—E. Sullivan, Mount Washington, Pa.
119,248.—PACKING.—E. Sullivan, Mount Washington, Pa.
119,249.—CAR HEATER.—B. D. Thompson, New York city.
119,250.—DISINFECTANT.—H. A. Tilson, New Lebanon, N. Y.
119,251.—FISHING ROD.—T. Tout, Cambridge, Mass.
119,252.—SALT.—A. C. Twining, New Haven, Conn.
119,253.—CAR SPRING.—R. Vose, New York city.
119,254.—CAR SPRING.—R. Vose, New York city.
119,255.—PROPELLER.—H. Waterman, Brooklyn, N. Y.
119,256.—RETURN BEND.—S. L. Wiegand, Philadelphia, Pa.
119,257.—GENERATOR.—S. L. Wiegand, Philadelphia, Pa.
119,258.—LOCK SPINDLE.—C. O. Yale, New York city.
119,259.—MOLDING PIPE.—W. D. Alford, Cuyahoga Falls, O.
119,260.—MOTIVE POWER.—J. N. Bethune, Warrenton, Va.
119,261.—CULTIVATOR.—D. Boggs, H. Rohs, Cynthia, Ky.
119,262.—GAME TABLE.—E. Brunswick, Chicago, Ill.
119,263.—LATCH.—C. B. Clark, Buffalo, N. Y.
119,264.—AMALGAMATION.—A. B. Crosby, Greene, Me.
119,265.—WRENCH.—A. Cumberworth, Toronto, Canada.
119,266.—BLIND FASTENER.—G. K. Dearborn, Smithfield, R. I.
119,268.—WARDROBE, ETC.—O. L. and W. Gardner, Glen Gardner, N. J.
119,269.—LUBRICATOR.—J. Harper, New Haven, Conn.
119,270.—DAMPER.—W. B. Hayden, Columbus, Ohio.
119,271.—FASTENER.—A. Haye, Morrisania, N. Y.
119,272.—FLOWER POT.—A. D. Judd, New Haven, Conn.
119,273.—PICTURE NAIL.—H. L. Judd, Brooklyn, N. Y.
119,274.—WATER WHEEL.—J. C. Kelly, Groveland, N. Y.
119,275.—ADJUSTER.—L. B. Lathrop, San José, Cal.
119,276.—LOOM.—I. Lindsley, Pawtucket, R. I.
119,277.—LOOM.—I. Lindsley, Pawtucket, R. I.
119,278.—LOOM.—I. Lindsley, Pawtucket, R. I.
119,279.—HORSE POWER.—J. Marshall, New Orleans, La.
119,280.—VISE.—R. Phillips, Boston, Mass.
119,281.—AXLE SHIELD.—B. F. Robbins, Harwich, Mass.
119,282.—POLISHING.—A. Saffer, New York city.
119,283.—SPINDLE BEARING.—J. H. Sawyer, Lowell, Mass.
119,284.—SEWING MACHINE.—A. Shattuck, Buffalo, N. Y.
119,285.—SEEDER, ETC.—W. D. Stroud, Oshkosh, Wis.
119,286.—DIE.—W. Terrell, Ansonia, Conn.
119,287.—LUBRICATOR.—S. Ustick, Philadelphia, Pa.
119,288.—LUBRICATOR.—S. Ustick, Philadelphia, Pa.
119,289.—WARDROBE.—H. Whittemore, Orangetown, N. Y.
119,290.—WASHSTAND, ETC.—H. Whittemore, Orangetown, N. Y.
119,291.—POLISHING LEATHER.—L. Wolfson, Boston, Mass.
119,292.—FLAG HALYARD.—W. Albert, Brooklyn, N. Y.
119,293.—HANDLE STRAP.—A. Alexandre, New York city.
119,294.—LAND ROLLER.—W. W. Andrew, La Porte, Ind.
119,295.—HUB.—S. Atha, West Liberty, Ohio.
119,296.—WHIP STOCK.—H. W. Avery, Westfield, Mass.
119,297.—WAGON TONGUE.—C. J. Babcock, Rives, Mich.
119,298.—BATTERY.—L. Bastet, Tarrytown, N. Y.
119,299.—FIXTURE.—J. E. Baum, Philadelphia, Pa.
119,300.—WASH BOILER.—S. Bennett, Newcastle, Pa.
119,301.—MEDICAL COMPOUND.—T. W. Bethel, Brooklyn, N. Y.
119,302.—COUPLING.—C. Brigham, St. Cloud, Minn.
119,303.—CLOTH MEASURER.—T. M. Brintnall, Medina, Ohio.
119,304.—SHUTTER WORKER.—A. Brown, Boston, Mass.
119,305.—ELEVATOR.—G. W. Brown, New York city.
119,306.—WEDGE.—T. B. Brown, J. N. Dinsmore, Kendall's Mills, Me.
119,307.—BAG.—J. M., J. P., S. H. Bryant, Temperanceville, Pa.
119,308.—STEAM WAGON.—O. H. Burdett, New Athens, Ohio.
119,309.—CARRIAGE BOLT.—O. C. Burdett, New Haven, Conn.
119,310.—GENERATOR.—G. F. Burkhardt, Boston, Mass.
119,311.—CLOTHES PIN.—B. Burling, Whitehall, N. Y.
119,312.—BEDSTEAD.—S. S. Burr, Boston, Mass.
119,313.—PROJECTILE.—J. G. Butler, Fortress Monroe, Va.
119,314.—STEAM PUMP.—L. and T. E. Button, Waterford, N. Y.
119,315.—GOVERNOR.—H. Camp, G. W. McIntosh, Rouseville, Pa.
119,316.—DESK.—W. C. Carter, J. P. Emery, Galva, Ill.
119,317.—DRILL, ETC.—T. A. Chandler, Rockford, Ill.
119,318.—FRAME.—H. Chatain, Washington, D. C.
119,319.—HINGE.—P. P. Child, St. Louis, Mo.
119,320.—HAY RAKE.—A. L. Chubb, Grand Rapids, Mich.
119,321.—FIXTURE.—H. Clayton, Lexington, Ky.
119,322.—LIGHTNING ROD.—A. Coddington, Bound Brook, N. J.
119,323.—ICE SHAVER.—W. H. Collins, Boston, Mass.
119,325.—SEED DROPPER.—L. H. Converse, J. K. Welter, Springfield, Ill.
119,326.—STRAW CUTTER.—J. A. Cornish, Marshfield, Mo.
119,327.—VISE.—J. W. Coyne, Madrid, N. Y.
119,328.—WATER WHEEL.—J. M., W. L. Cress, Taylorsville, Tenn.
119,329.—GAS.—D. Davison, New York city.
119,330.—TORPEDO.—J. C. Dickey, Titusville, Pa.
119,331.—CAR SEAT.—A. B. Dinsmore, Springfield, Mass.
119,332.—SLATE.—F. D'Ossone, Philadelphia, Pa.
119,333.—BOLT.—G. R. Dunn, Newark, N. J.
119,334.—EXCAVATOR.—J. M. Dunn, Erin, Miss.
119,335.—KEY BOARD.—W. D. Edgar, Ottawa, Kan.
119,336.—BEE HIVE.—J. C. Edwards, Cattleville, Mo.
119,337.—INSECT TRAP.—S. Endslow, Blain, Pa.
119,338.—WASHING MACHINE.—J. P. Eshleman, West Salem, O.
119,339.—WHEELBARROW, ETC.—H. J. Evans, Christieville, Can.
119,340.—FANNING MILL.—F. Eves, Fountain City, Wis.
119,341.—TRUNK.—H. S. Farley, Sing Sing, N. Y.
119,342.—WATER CLOSET.—B. G. Fitzhugh, Frederick, Md.
119,343.—STOVE GRATE.—C. O. Foley, Troy, N. Y.
119,344.—SEAT.—M. T. Glynn, J. L. Goodman, Boston, Mass.
119,345.—MARINE RAILWAY.—J. H. Gosline, Hampton, Va.
119,346.—COTTON PRESS.—G. W. Grader, Memphis, Tenn.
119,347.—LAMP POST.—J. W. Graham, Chillicothe, Ohio.
119,348.—TRUNK.—N. Groel, Newark, N. J.
119,349.—VENTILATOR.—G. B. Hall, J. Shaffer, Kansas City, Mo.
119,350.—SEWING MACHINE.—H. M. Hall, New York city.
119,351.—FAN.—W. DeLancey Hall, Memphis, Tenn.
119,352.—TEAPOT, ETC.—H. J. Hammond, Newburgh, Ohio.
119,353.—GRADING MACHINE.—J. F. Hanna, Moline, Ill.
119,354.—MOLE TRAP.—G. W. Hardwick, Wyandotte, Ind.
119,355.—LANTERN.—J. F. Harly, Kipton, Ohio.
119,356.—HARVESTER.—G. W. Harrison, Lansing, Mich.
119,357.—CARTRIDGE SHELL.—A. C. Hobbs, Bridgeport, Conn.
119,358.—TOY.—E. V. B. Hoes, Green Bay, Wis.
119,359.—COUPLING.—C. L. Horack, Hastings, Minn.
119,360.—LOCKING NUT.—J. M. Horton, Milwaukee, Wis.
119,361.—CLOD BREAKER, ETC.—H. H. Hull, Bergen, N. Y.
119,362.—MOTIVE POWER.—J. B. Hunter, Ashley, Ill.
119,363.—PROPELLER.—H. Jackson, Brooklyn, N. Y.
119,364.—VALVE.—J. Jonson, New York city.
119,365.—MELTING COPPER.—J. Kintz, West Meriden, Conn.
119,366.—BEE HIVE.—A. H. Klepper, Muscatine, Iowa.
119,367.—COTTON PRESS.—J. B. Knight, New Orleans, La.
119,368.—SLATE FRAME.—W. Knight, Covington, Ky.
119,369.—HARVESTER.—J. Lamburn, Boonville, Ind.
119,370.—HOLD BACK.—J. A. Lannert, Cleveland, Ohio.
119,371.—WHIFFLETREE.—J. A. Lannert, Cleveland, Ohio.
119,372.—FENCE.—H. Lathshaw, McKnightstown, Pa.

- 119,373.—WASH BOILER.—G. J. Leach, Rome, N. Y.
119,374.—LATCH.—J. H. Lee, Marshall, Texas.
119,375.—FILTER.—R. M. Linn, Lookout Mountain, Tenn.
119,376.—EARTH CLOSET.—J. M. Loewenstein, N. Orleans, La.
119,378.—STOP VALVE.—H. G. Ludlow, Troy, N. Y.
119,379.—TRUSS PAD.—J. B. Marsh, Brooklyn, N. Y.
119,380.—ELEVATOR.—I. Mayfield, Mayfield, Ky.
119,381.—CALENDER.—W. McAdams, Newton, Mass.
119,382.—SADDLE.—W. B. McClure, Alexandria, Va.
119,383.—THREAD CUTTER.—J. J. McLoughlin, Nashville, Tenn.
119,384.—WRINGER.—C. V. Mead, Trenton, N. J.
119,385.—BUTTER WORKER.—P. P. Meredith, Stevensville, Mon.
119,386.—GUN LOCK.—A. Miller, Daleville, Ala.
119,387.—CHURN.—H. H. Montgomery, Greensburg, Ind.
119,388.—DROP PIPE.—G. C. Morgan, Chicago, Ill.
119,389.—INSECT DESTROYER.—D. G. Mosher, Mosherville, Mich.
119,390.—DESK.—H. Mott, Troy, N. Y.
119,391.—BILLIARD CUSHION.—J. Murphy, New York city.
119,392.—WHISTLE.—A. Neuhausen, Wheeling, W. Va.
119,393.—BENDING WOOD.—H. Ocor, Sheboygan, Wis.
119,394.—ARTIFICIAL STONE.—J. O'Friel, Brooklyn, N. Y.
119,395.—TOOL HEAD.—S. W. Paine, Williamsport, Pa.
119,396.—WASHING MACHINE.—J. H. Palmer, Yonkers, N. Y.
119,397.—HARROW.—D. A. Parkman, Union City, Tenn.
119,398.—HARROW.—J. M. Payne, Benton, Ill.
119,399.—WASHER.—H. W. Pell, Rome, N. Y.
119,400.—EQUIPMENTS.—W. H. Penrose, Fort Lyon, Col.
119,401.—ELEVATOR.—F. B. Perkins, Boston, Mass.
119,402.—NAIL.—C. H. Perkins, Providence, R. I.
119,403.—ALARM LOCK.—C. E. Pierce, New York city.
119,404.—CULTIVATOR.—W. M. Pitts, Holden, Mo.
119,405.—GOVERNOR.—J. B. Potter, Conneautville, Pa.
119,406.—TEMPERING.—H. H. Ray, Arena, Wis.
119,407.—HEEL.—C. A. Read, Bridgeport, Conn.
119,408.—WAGON SEAT.—J. L. Reed, Hastings, Mich.
119,409.—COUPLING.—H. R. Robbins, Baltimore, Md.
119,411.—SEED PLANTER, ETC.—J. Sample, Franklin Co., Miss.
119,412.—JOURNAL.—J. Sault, South Manchester, Conn.
119,413.—CEMENT.—D. O. Saylor, Allentown, Pa.
119,414.—CLAMP.—A. Schmackers, Cincinnati, Ohio.
119,415.—HORSESHOE.—R. Seiffert, Chicago, Ill.
119,416.—COUPLING.—G. C. Sherman, Chicago, Ill.
119,417.—FIFTH WHEEL, ETC.—E. W. Silsby, Ottumwa, Iowa.
119,418.—HOE.—Z. B. Sims, Bonham, Tex.
119,419.—STEEL PLATE.—W. W., D. D. Skinner, Des Moines, Iowa.
119,420.—WAGON HOUND.—F. Smith, Tiffin, Ohio.
119,421.—GATE.—B. Snyder, Clinton, Wis.
119,422.—BURNISHER.—V. K. Spear, Lynn, Mass.
119,423.—PLOW, ETC.—W. W. Spear, Allegheny city, Pa.
119,424.—WATER WHEEL.—B. Stetson, Uxbridge, Mass.
119,425.—TILLER, ETC.—J. W. Strange, Bangor, Me.
119,426.—BOILER COMPOSITION.—C. A. Sweet, Ripon, Wis.
119,427.—VALVE.—J. F. Sweet, Cedar Rapids, Iowa.
119,428.—HEATER.—J. F. Taylor, Charleston, S. C.
119,429.—KNOB.—N. Thompson, Brooklyn, N. Y.
119,430.—PULLEY, ETC.—N. Thompson, Brooklyn, N. Y.
119,431.—COUPLING.—E. M. Van Hoesen, N. H. Brown, Syracuse, N. Y.
119,432.—WASHING MACHINE.—J. Varney, Batavia, Ill.
119,433.—PLOW.—J. C. Vertrees, Gallatin, Tenn.
119,434.—STOVE COVER.—J. V. Vrooman, Schenectady, N. Y.
119,435.—TRAP.—W. I. Webb, Phila., Pa.
119,436.—STILL.—E. Werner, Canton, Ill.
119,437.—MOTION.—H. F. Wheeler, Boston, Mass.
119,438.—GATE.—F. Whitaker, Bel Air, Md.
119,439.—BRUSH.—G. Willett, St. Albans, Vt.
119,440.—BRUSH.—G. Willett, St. Albans, Vt.
119,441.—OH. CAN.—G. D. Winchell, Cincinnati, Ohio.

REISSUES.

- 4,567.—WHEEL.—J. R. Baird, Vincennes, Ind.—Patent No. 117,142, dated July 19, 1871.
4,568.—STOVE.—M. A. Boughton, Norwalk, Conn.—Patent No. 113,842, dated April 18, 1871.
4,569.—AUGER.—J. Swan, Seymour, Conn.—Patent No. 116,509, dated June 27, 1871.
4,570.—WRINGER.—W. Whitney, Winchendon, Mass.—Patent No. 33,961, dated December 3, 1861.
4,571.—GLASS MOLD.—W. C. King, Pittsburgh, Pa.—Patent No. 114,569, dated May 9, 1871.
4,572.—LAMP.—C. B. and S. Mann, Baltimore, Md.—Patent No. 114,354, dated May 16, 1871.

DESIGNS.

- 5,276.—CAN.—J. J. Bockee, Jr., New York city.
5,277.—CIGAR BOX.—A. Lis, Covington, Ky.
5,278 & 5,279.—CARPET PATTERN.—W. McCallum, Halifax, Eng.
5,280 & 5,281.—CARPET PATTERN.—D. Paton, New York city.
5,282.—FRAME FOR SEAT.—H. M. Sherwood, Chicago, Ill.
5,283.—KNITTED FABRIC.—J. Taylor, Phila., Pa.
5,284.—ICE PITCHER.—G. Wilkinson, Providence, R. I.
5,285 & 5,286.—STAND.—A. Wunder, New Haven, Conn.
5,287.—BRACKET.—A. Wunder, New Haven, Conn.
5,288.—FASTENER.—P. Bradford, New Haven, Conn.
5,289 & 5,290.—ORGAN CASE.—L. K. Fuller, Brattleborough, Vt.
5,291.—TROLLING SPOON.—J. H. Mann, Syracuse, N. Y.
5,292.—FRUIT BOX.—J. Sherman, Burlington, N. J.
5,293.—PIANO FRAME.—J. Whitney, Boston, Mass.
5,294.—LIFTER.—E. B. Wilbur, Raynham, Mass.
5,295.—DOOR BOLT.—A. Wunder, New Haven, Conn.

TRADE-MARKS.

- 446.—LINIMENT.—W. H. Adams, F. A. Young, Bangor, Me.
447.—MEDICINE.—Atchison & Bro., Frankfort, Ind.
448.—MEDICINE.—Dunn & Co., London, England.
449.—LEATHER.—Eagle Works, Chicago, Ill.
450.—PLASTER.—C. W. Massonneau, Red Hook, N. Y.
451.—CORN SALVE.—J. McKee, New Orleans, La.
452.—MEDICINE.—J. Scott, New York city.
453.—MEDICINE.—Thompson, Steele & Price Manufacturing Company, Chicago, Ill.

EXTENSIONS.

- ELASTIC GORE CLOTH.—C. Winslow, Lynn, Mass.—Letters Patent No. 17,950, dated August 4, 1857; reissue No. 492, dated September 15, 1857.
CUPOLA AND OTHER FURNACES.—P. W. MacKenzie, Jersey City, N. J.—Letters Patent No. 18,051, dated August 25, 1857; reissue No. 1,403, dated February 10, 1863; reissue No. 1,843, dated December 27, 1864.
APPARATUS FOR SUSPENDING EAVES TROUGH.—J. A. Watrous, Green Spring, Ohio.—Letters Patent No. 18,113, dated September 1, 1857.
MOWING MACHINE.—G. C. Dolph, West Anover, Ohio.—Letters Patent No. 18,141, dated September 8, 1857; reissue No. 904, dated February 21, 1860.
EXTENSION GAS TUBE.—C. Monson, New Haven, Conn.—Letters Patent No. 18,154, dated September 8, 1857.
CULTIVATOR.—C. H. Sayre, Utica, N. Y.—Letters Patent No. 18,073, dated August 25, 1857.
SEPARATING ORE.—T. J. Chubb, New York city.—Letters Patent No. 18,038, dated August 25, 1857.
TYPE SETTING AND DISTRIBUTING MACHINE.—H. W. Alden, New York city.—Letters Patent No. 18,175, dated September 15, 1857; reissue No. 3,572, dated July 27, 1869.