

tongue piece, D, when operating reversely upon the same lever with...

28,637.—W. H. Noyes (assignor to H. T. Litchfield), of Boston, Mass., for an Improved Gage for Filling Barrels:

I claim combining with the filling tube, A, the groove or chamber, B, and its float, C, furnished with an adjustable slide or indicator, as described.

28,638.—J. C. Reed (assignor to himself and S. E. Hutchison), of Cincinnati, Ohio, for an Improvement in Picks:

I claim the employment of the rebate, F, in the jaw, D, when used in connection with a spring jaw, E, and slide, H, to hold the bit, the spring being constructed so as to retain the slide, substantially as set forth.

28,639.—J. F. Schuyler (assignor to W. E. Lockwood), of Philadelphia, Pa., for an Improved Apparatus for Dressing Grindstones:

I claim the described dressing wheel, composed of a series of radiating sharp-pointed chisels, situated between two yielding washers, the whole being arranged and hung to the stem, C, or its equivalent, substantially in the manner and for the purpose set forth.

28,640.—John Tiebout (assignor to himself and William Tiebout), of Brooklyn, N. Y., for an Improved Bung-cutter:

I claim, first, The combination with the disk, F, and arms, f, of the adjustable hinges, c, as used for the purpose shown and described.

[The object of this invention is to cut different sized bungs or corks with the same set of cutters, and it consists in arranging the cutters on bent arms which are attached to movable hinges fastened to a disk that is rigidly secured to the driving shaft, and which slide up and down in adjustable guides that are secured to another disk, so that the points of the cutters are spread or brought closer together as the bent portions of the arms pass through said guides, and that by adjusting the guides and the movable hinges different sized bungs or corks may be cut.]

28,641.—Joshua Turner, of Cambridgeport, Mass., assignor to himself, F. Guild, E. C. Daniell and Warren Covell, of Dedham, Mass., for an Improved Machine for Buffing and Reducing Leather:

I claim the combination of the rotary grinder, B, the bed roller, E, the draft roller, D, and the brush, F, arranged and made to operate together, substantially as described and for the purpose as specified.

I also claim the application of the feed and bed rollers to a rocker frame, c, or its equivalent, and combining therewith devices substantially as described, whereby the two rollers may not only be simultaneously moved away from and toward the buffing cylinder, B, but the feed roller be moved from and toward the bed roller; such devices being the springs, c, the rotary windlases, H, and its connections, b' b' e, and the band and treadle, I, or other equivalent means.

I also claim supporting one of the rocker frame bearings in a slider and providing such with adjusting screws, the same being for the purpose as specified.

RE-ISSUES.

The New York Rubber Company, of New York City, assignees of C. H. Hinckley, of Stonington, Conn., for an Improved Coating for Hose-pipe. Patented Sept. 29, 1857:

I claim constructing hose of flexible tubing of textile and fibrous material with an internal waterproof coating, by first applying said coating on the outside of the cloth or other pipe, and then inverting the coating pipe by drawing it over and through a metallic cylinder, or otherwise suitably inverting the same.

Jacob Swartz, of Buffalo, N. Y., for an Improvement in Grain and Grass Harvesters. Patented Nov. 14, 1854:

I claim, first, The combination of the main frame, A, carrying the cutting apparatus, and the finger bar, C, with the vibratable coupling arm, Q, the whole constructed and operating substantially as described and for the purpose set forth.

Second, In combination with the main frame, A, vibratable coupling arm, Q, finger bar, C, shoe or shield, C', upright post, P, arm, I, hinge pins, u and v, the guiding slot, O, and set screw, d, or their equivalent; the whole arranged and operating as specified for each or all of the purposes set forth.

Third, The combination of the main frame, A, finger bar, C, and cutter bar, y, when the bar is connected to the main frame by the vibratable coupling arm, Q, and the whole is arranged so that the relation between the finger and cutter bars is not materially changed in raising and lowering the cutting apparatus, substantially as described.

Fourth, I claim the combination of the main frame, A, shoe or shield, C', and the vibratable coupling arm, Q, or its equivalent, when the whole are constructed and operate substantially as specified for the purpose set forth.

Fifth, I claim the combination of the short finger bar, c, and the shoe or shield, C', connected to the main frame by a hinged coupling arm, with the main frame, A, when the several parts are constructed, arranged and operate in the manner and for the purpose specified.

Sixth, I claim the combination of the short finger bar, c, the shoe, C', divider, g, and main frame, A, when the said finger bar, shoe and divider are each constructed in the peculiar manner specified, and the whole arranged together and with the main frame, as and for the purpose described.

Cyrenus Wheeler, Jr., of Poplar Ridge, N. Y., for an Improvement in Grain and Grass Harvesters. Patented Feb. 6, 1855:

I claim, first, So combining a hinged finger bar and main frame, with levers, substantially as described, extending towards the driver's or conductor's seat, as that the occupant of said seat can, without leaving his position, raise up either end of the finger bar independently of its other end, or raise up both ends thereof at pleasure, substantially as described.

Second, I claim the platform bar, Q, as a means of securing the platform to the finger beam, and for strengthening said finger beam when it has the platform to carry, substantially as described.

Third, I claim the inclined castor wheel, S, arranged as represented and in combination with the platform, whereby the latter is elevated when the machine is being turned short around to the right, substantially as described.

Fourth, I claim, in combination with a finger beam and platform placed in rear of the main supporting wheel, the two casters, N S, arranged as described, for allowing the machine to turn short round to the right, for the purpose specified.

Fifth, I claim a revolving track-clearer when operated from a ground wheel through gearing substantially as described.

C. H. McCormick, of Chicago, Ill., assignee of L. J. McCormick, W. S. McCormick and C. H. McCormick, for an Improvement in Reaping and Mowing Machines. Patented May 11, 1858:

I claim making the finger beam of a mowing machine of a bar of iron, wedge-formed in its cross section with its forward edge, which carries the fingers made thin, that the sickle may act upon and cut leaning grass, and with its rear edge thick to obtain the required strength, and the under surface inclined and so arranged that it may set like a runner to pass and ride over the surface of the ground to keep the cutting edge of the sickle clear of obstructions, whilst at the same time it can have access to leaning grass, all substantially as described.

C. H. McCormick, of Chicago, Ill., assignee of L. J. McCormick, W. S. McCormick and C. H. McCormick, for an Improvement in Reaping and Mowing Machines. Patented May 11, 1858:

I claim, first, An improvement adapting the machine to mowing grass, consisting of the segmental pivoted frame, its gears and the driving wheel, in combination with the main frame having the cutting apparatus projecting on one side thereof and carrying the other portion of the gearing, the whole arranged substantially as and for the purpose specified.

Second, An improvement adapting the machine to reaping grain, consisting in the combination of the main frame carrying one portion of the gearing and having a platform, grain wheel, divider and cutting apparatus projecting on one side thereof with auxiliary frame work, the other portion of the gearing, the driving wheel, a pivotal connection for uniting the two portions of the gearing, and the two frames, and the toothed hinged sector and detento provide for shifting the main frame and platform to, and holding them at different heights, substantially as described.

Third, An improvement applicable to the machine when adapted for either mowing grass or reaping grain, and consisting of the combination of the sector with the reversible detent, adapted to performing the double duty of detent and guide, substantially as described.

C. H. McCormick, of Chicago, Ill., assignee of L. J. McCormick, W. S. McCormick and C. H. McCormick, for an Improvement in Reaping and Mowing Machines. Patented May 11, 1858:

I claim the guard finger, having a thin shank, a narrow neck and a strengthening rib, substantially as described.

C. H. McCormick, of Chicago, Ill., for an Improvement in Machines for Cutting Grass, &c. Patented Sept. 21, 1858.

I claim the combination of the sickle having the scalloped or indented edge and serrated reversed teeth, with a series of fingers having the back reversed angles for supporting the grain or grass to be cut to the edge of the sickle, both above and below the edge, or above the edge only, substantially as described.

I also claim cutting out the middle of the upper part of the fingers that project over the sickle, as described, in combination with the vibrating sickle, as described, for the purpose specified.

C. H. McCormick, of Chicago, Ill., for an Improvement in Cutting Apparatus for Machines for Cutting Grass, &c. Patented Sept. 21, 1858:

I claim the combination of a series of slotted fingers with a vibrating scalloped cutter, having projections on both its upper and under sides to facilitate the detachment and discharge of clogging matter, substantially as described.

C. H. McCormick, of Chicago, Ill., for an Improvement in Machines for Cutting Grass, &c. Patented Sept. 21, 1858:

I claim, in the combined blade and bar of a scalloped vibrating cutter, making the bar extend behind the blade, substantially as described, for the purpose specified.

EXTENSION.

Daniel Carmichael, of Brooklyn, N. Y., and Jason C. Osgood, of Chittenango, N. Y., for an Improvement in Dredging Machines. Patented May 30, 1846:

I claim the manner described in which we have connected and combined the scraper staff or arm with the machine, so that it may be raised or lowered by means of the racks and pinions (by the aid of the triangular piece), arranged and operating as set forth, thereby dispensing entirely with the hollow mast and with the toothed gearing and chain combined with said mast as used for that purpose in the original machine of Otis.

NOTE.—In the above list of claims, issued for the week ending June 6th, we recognize typographical errors of the number which were omitted through this office.—Eps.

MONEY RECEIVED

At the Scientific American Office on account of Patent Office business, for the week ending Saturday, June 9, 1860:—

- J. C. C. of Conn., \$73; J. H. of Pa., \$25; J. E. C. of Ind., \$30; L. A. of Wis., \$25; W. W. of Wis., \$25; J. A. of Ill., \$10; J. T. of La., \$53; L. E. of Mich., \$45; J. K. of N. Y., \$25; E. C. G. of Mass., \$10; H. F. of Ga., \$38; B. J. of Ky., \$35; C. V. S. of Ill., \$30; McC. & J. of N. J., \$30; J. A. V. of Cal., \$25; C. A. T. of Ill., \$25; G. K. P. of Mass., \$30; J. O. C. of Conn., \$25; H. & P. of N. J., \$25; J. M. of N. Y., \$75; S. T. V. of R. I., \$25; M. & B. of R. I., \$30; F. H. of S. C., \$30; J. P. A. of Ga., \$25; N. M. of Ohio, \$25; W. W. M. of Ill., \$30; J. H. S. of La., \$30; J. S. D. of Ohio, \$30; G. W. R. of N. Y., \$100; E. W. F. of La., \$25; D. P. of Ill., \$30; M. B. of N. H., \$25; H. E. of N. Y., \$20; J. S. of Ill., \$25; R. W. P. of Mass., \$30; C. M. of Wis., \$30; A. L. of Mich., \$25; E. A. L. of L. I., \$25; H. A. W. of N. Y., \$28; W. T. of Conn., \$25; T. & S. of Ill., \$25; D. B. of Mich., \$55; E. G. E. of Wis., \$30; W. T. Z. of Tenn., \$55; C. G. of La., \$25; A. S. B. of Iowa, \$20; J. P. M. of Ill., \$10; J. P. H. of La., \$15; I. W., of Vt., \$30; T. W. of Iowa, \$25; P. F. of Miss., \$30; S. E. T. of N. J., \$30; J. G. of Mass., \$25; J. B. L. of N. J., \$30; E. L. P. of Conn., \$30; C. D. of Mass., \$5; D. B. of Mich., \$25; K. & H. of N. Y., \$25; N. Q. M. of Wis., \$25; G. A. L. of Ill., \$25; J. H. of Iowa, \$30; D. W. M. L. of Ohio, \$25; F. A. G. of Ill., \$25; C. B. C. of Mass., \$30; G. Van C. of N. J., \$28; B. S. P. of Conn., \$15; J. S. B. of N. Y., \$25; O. & W. of Ill., \$30; O. & L. of N. Y., \$25; J. S. McC. of N. Y., \$40; J. M. of N. Y., \$30; A. O. of Pa., \$70.

Specifications, drawings and models belonging to parties with the following initials have been forwarded to the Patent Office during the week ending Saturday, June 9, 1860:—

- H. & P. of N. J.; A. P. T. of Ga.; E. A. L. of L. I.; C. T. P. of I. I.; H. F. of Ga.; T. & S. of Ill.; J. S. of Ill.; L. & W. of Tenn.; B. J. of Ky.; T. W. of Iowa; H. A. W. of N. Y.; J. H. of Pa.; W. T. of Conn.; J. P. A. of Ga.; P. N. B. of N. Y.; J. P. H. of La.; J. K. of N. Y.; C. A. T. of Ill.; E. G. E. of Wis.; J. G. of Ky.; D. B. of Mich.; G. G. of Wis.; S. T. V. of R. I.; L. A. of Wis.; E. C. C. of Mass.; N. M. of Ohio; W. W. of Wis.; J. G. of Mass.; W. H. A. of Iowa; M. B. of N. H.; J. M. of N. Y.; (3 cases); D. W. L. of Ohio; A. L. of Mich.; N. Q. M. of Wis.; J. C. C. of Conn.; E. G. P. of N. Y.; K. & H. of N. Y.; G. Van C. of N. J.; F. A. G. of Ill.; G. A. L. of Ill.; O. & L. of N. Y.; J. S. McC. of N. Y.; A. O. of Pa.

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