

No. 5958. Improvements on Stamps, Cheques, Bonds, &c.*(Perfectionnements aux timbres, bons, billets, &c.)*

Joseph E. Winner and Henry K. Fox, Philadelphia, Pa., U. S., 21st April, 1876, for 5 years.

Claim.—1st. A protecting film B, firmly secured at all points to a part of the piece A, and forming an integral portion of the surface of the printed piece; 2nd. The protecting film secured to the piece A, and having a color different therefrom whereby said film protects the stamp or monetary paper as stated and indicates the denomination thereof. 3rd. The protecting film formed of a series of bars, strips or figures, connected together and applied to the sheet on which a series of stamps or other monetary papers is to be printed.

No. 5959. Improvements on Reed Organs and Melodeons.*(Perfectionnements aux orgues et aux melodeons à anches.)*

George T. McLaughlin & Thomas F. Saulan, (Assignees of S. J. C. Crockett), Boston, Mass., U. S., 21st April, 1876, for 5 years.

Claim.—1st. In combination with the pedal E, bellows C and the exhauster hinged at its lower edge the link c, and lever h, secured to the front of the exhauster; 2nd. The exhauster of an organ bellows provided with the lever b, made adjustable thereon.

No. 5960. Improvements on Stove Grates.*(Perfectionnements aux grilles de poêles.)*

Thomas B. Griffith, South Carver, Mass., U. S., 21st April, 1876, for 5 years.

Claim.—The grate or fuel holder B, formed with open and tapering sides, and with a flange d, extending outwardly and resting upon ledges c, formed on the inner walls of the stove, in combination with the deflecting plate or plates dt, arranged on the said inner walls.

No. 5961. Improvements on Fertilizer and Seed Sowers.*(Perfectionnements aux semailles à grains distributeurs d'engrais.)*

Richard L. Galer, Durham, and Elijah E. Spencer, St. Armand, Que., 21st April, 1876, for 5 years.

Claim.—1st. The combination of the cone pulley M, or its equivalent, revolving either the brushes R, or the seed drums S, with the double cone pulley L, or its equivalent set on the wheel axle D; 2nd. The combination of the boots T, having two flukes, one for the fertilizer U, and one for the seed V, the slides to shut up the seed flukes said boots T, having drills V, at their lower end with the fertilizer boxes J, and the seed boxes K; 3rd. The S-shaped movable boots T, which may be cast in one piece with or without drills V, for changing the width apart of sowing the rows of fertilizer and seed; 4th. The combination of the movable boot T, having an eye bolt and a bolt f, running through its back side and an eye and a bolt g, to fasten it to the frame A, with the wooden half boot d; 5th. The combination of the rollers Z, and the covers X, to cover the seed and fertilizer with the boots T, of a sowing machine A; 6th. The revolving spike drums O, the movable and revolving seed drums S, brushes R, slides and pads c, in combination with a sowing machine; 7th. The hand lever E, the two rectangular slides P, P', to close up the fertilizer flukes; 8th. The hand lever E, having a crutch at its lower end, the sleeve F, the torsional spring G, in combination with the double cone pulley L, to sow either fast or slow; 9th. The combination of the hand lever E, sleeve F, double cone pulley L, and belts (or their equivalent), fertilizer cone pulley M (or its equivalent), spiko drums O, hand lever E, and rectangular slides P, and P', seed cone pulley M, (or its equivalent), seed drums S, the slides, pads c, boots T, either straight or crooked and divided into two flukes U, V, drills V, covers X, rollers Z, and tra e a, with fertilizer boxes J, seed boxes K, axle wheel D, and frame A.

No. 5962. Improvements on Farm Gates.*(Perfectionnements aux barrières.)*

John Y. Williams, Wisbeach, Ont., 21st April, 1876, for 5 years.

Claim.—The combination of the supplementary post C, the double brace E, having intermediately a cap F, pivotally connected to the end of the post C, and lower ends engaging in a notched horizontal slot H, in the lower rail of the gate.

No. 5963. Improvements on Saw File Guides.*(Perfectionnements aux guide-lignes à scies.)*

Ellis Roth, North Oxford, Pa., U. S., 21st April, 1876, for 5 years.

Claim.—The combination of the file and sliding rod of file carrying frame with a graduated indicator, having adjustable piece at one end and recess at the other.

No. 5964. Improvements on Sewing Machines.*(Perfectionnements aux machines à coudre.)*

Richard M. Melhuish, Hoxton, Eng., 21st April, 1876, for 5 years.

Claim.—1st. The combination with the cloth plate a, vibrated by cam i, of the adjustable radius link K, by which plate a, is connected to the feed screw nut and is also guided in its vibrations; 2nd. The improved construction of clamp for securing the work consisting of a bent arm m, extending from the top of a pillow n, fitted on a pin u, fixed to plate a; 3rd. In combination with plate a, a long bearing composed of a half tube g, affixedly studs to the under side of said plate and of a spring h, fixed to plate a and pressing with its two ends against the shuttle arm to maintain the bearing g, against the cam rod e; 4th. The combination with the triple faced cam i, by which the plate a, is vibrated of a friction roller j, for said cam to work against; 5th. The combination with the feed screw m, of the leather band m', fixed to b, said band encircling a collar on said screw and serving as a brake for the screw m.

No. 5965. Machine for Sewing Straw-Braid.*(Machine à coudre la paille tressée.)*

Mary P. Carpenter, New-York, U. S., 21st April, 1876, for 5 years.

Claim.—1st. The combination with the eye-pointed circular needle J, and a work feeder of the loop catching and spreading hook B, and operating mechanism, whereby three distinct motions are imparted to said hook, namely an oscillating motion on its own axis, a vibratory motion in a transverse relation with the feed, and a re-coiling motion in direction of the feed; 2nd. The oscillating feeder I, in combination with the oscillating needle J, having the shank or carrier O, arranged to pass through the feeder, and to work or oscillate between the centre of motion of the feeder and its feeding surface; 3rd. The work table and presser-foot support or carrier D, in combination with the main frame A, carrying the feeder and sewing mechanism, said supporter or carrier being hung at its rear end to the rear portion of the main frame A, whereby the work supporting and holding devices and the work itself may together be thrown up or back without interfering with or disturbing the sewing and feeding devices; 4th. The combination of the shaft or carrier O, carrying the oscillating piercing-needle J, and constructed with a screw S, with the cam P, and shaft B, arranged parallel with said shaft or carrier O, and the lever Q, working as a nut on said screw, whereby the proper oscillating motion is given to said needle; 5th. The combination of the presser foot P, the lever K, carrying the presser foot, and the roller guide E.

No. 5966. Improvements on Horse Rakes.*(Perfectionnements aux râteaux à ch.)*

William S. Archer, Ephraim M. Wood, Charles B. Clegg and George A. Archer, Dayton, Ohio, U. S., 21st April, 1876, for 5 years.

Claim.—1st. A vertically adjustable and swinging rake head, hinged at its rear side to the shaft of the machine, it being arranged with reference to the stub axes whereby the position of the outer end of the rake teeth can be regulated with reference to the ground and whereby the resistance offered by the material to be gathered is made to aid in swinging the head to a position below the stub axes for the purpose of facilitating the discharge of the load. 2nd. The slotted curved lever N, in combination with the connecting link c, plate P, and rake head A; 3rd. The slotted plate j, and plate j', combined with the stub axle i, adjustable plate b, and rake head A, when the respective parts are connected in the manner specified; 4th. The combination of the slotted lever n, pin d, beams L, and M, pivoted foot lever O, connecting links f, and e, and the rake head A, 5th. The foot lever U, pivoted in the rear to the rake head A, and in front to the stirrup piece u, that is pivoted to the under side of the beam F; 6th. The seat beam T, provided on its under side with orifices in which the stud r, secured upon the beam R, fits to adjust the height of the seat.

List of Patent issued up to 17th May, 1876, but not yet Officially published in the Patent Office Record.

No. 6020. L. Gathmann, Chicago, Ill., U. S. A., "Middlings Purifiers," 28th April, 1876.

No. 6021. R. Carroll & W. M. Jamieson, Toronto, Ont., "Bick Kilns," 28th April, 1876.

No. 6022. J. C. Harper (Assignee of C. G. Besse), Wilton, Me., U. S. A., "Flat Iron Heaters and Ovens Combined," 28th April, 1876.

No. 6023. C. E. Moyer, Berlin, Ont., "Art or Process for making Felt Waterproof," 28th April, 1876.

No. 6024. H. McAdams, Toronto, Ont., "Machine by which Circles, Walls and Irregular Figures can be marked or Cut out with Rapidity," 28th April, 1876.

No. 6025. S. B. Fyler, Lynn, Mass., U. S. A., "Jig or Fret Saw Attachment," 28th April, 1876.

No. 6026. H. Martyn, Medford, Mass., U. S. A., "Improvements on Boxes or Pans, and on Dies for their Manufacture," 28th April, 1876.

No. 6027. S. W. Dickinson, Petersburg, Ont., "Mortise-marking Machine," 28th April, 1876.

No. 6028. J. W. Van Norman, Hastings, Ont., "Dumping Waggon," 28th April, 1876.

No. 6029. R. Burt, South-Dumfries, Ont., (Assignee of W. Carey, Beverly, Ont.), "Thrashing Machine Attachment," 28th April, 1876.