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INVENTIONS PATENTED.

No. 9608. Remedy for Dyspepsia. (Remède pour la dyspepsie.)

William F. Teetzel, Kincardine, Ont., 23rd January, 1879, for 5 years.

Claim.—A compound of heira pica, brandy and water (the same being preferably flavored with the essence of winter green) mixed.

No. 9609. Improvements on Paper Boxes. (Perfectionnements aux boîtes en papier.)

Charles M. Arthur, Ansonia, Ct., U. S., 23rd January, 1879, for 5 years.

Claim.—A paper box constructed from a blank having the sides A C B D in a continuous piece, and the two sides C D, each constructed respectively with a projection C' D', at one or both ends, and the said projections having a V-shaped notch a cut in the corresponding hedge.

No. 9610. Improvements on Saw Teeth. (Perfectionnements aux dents des scies.)

William E. Brook, Trenton, N. J., U. S., 24th January, 1879, for 5 years.

Claim.—1st. The combination with the saw blade of the spring locking plate B and its retaining screw c inserted partly in the saw blade and partly in the spring locking plate; 2nd. The saw tooth, provided with the recess b and groove b', in combination with the spring locking plate B having hooks e and tongue c' fitted into groove; 3rd. A saw plate provided in its tooth holding recess with d', in combination with the spring locking plate retaining screw and tooth all arranged and operating for joint support.

No. 9611. Improvements on Reaping Machines. (Perfectionnements aux moissonneuses.)

Adam Kay, Georgetown, Ont., 24th January, 1879, for 5 years.

Claim.—1st. The driving wheel A, mounted on the stud pin c of the gear Jack D and provided with the inside gear wheel A', in combination with the piston B and driving shaft B'; 2nd. The gear Jack D provided with the arms d d' and arranged in connection with the driving wheel, driving shaft and channel wheel E; 3rd. The wheel E, with inflected channel cut or sunk in its periphery, in combination with the pivoted lever F; 4th. The pivoted lever F in combination with the wheel E, connecting rod F' and the knife of a reaping and mowing machine; 5th. A reaping machine in which the driving gear is supported on the front knife board and in which a direct connection is made from the driving wheel to the knife operating mechanism and rake head; 6th. The combination and arrangement of the draught pole and table tilting lever with the gear jacket and table; 7th. The rakes of a reaping machine, independently connected to a stud or pin placed off the centre of rotation of the rakes; 8th. The rakes O, each independently connected to the eccentrically placed pin Q by an elongated link, in combination with the eccentric plate M; 9th. The rakes of a reaping machine mounted on a plate L, which is detachable from the crown wheel or other operating medium, for the purpose of allowing rake plates with varying numbers of rakes to be used as the character of the grain to be cut requires; 10th. The rake bracket R, provided with the vertically pivoted projecting latch R', in combination with the rake arm provided with a slot into which the latch automatically hangs, thus forming a fastening; 11th. The rake arm latch R' in combination with the pivoted switch block S; 12th. The pivoted switch block S mounted in such manner, in connection with the bell crank S', that it cannot be moved out of place until said bell crank is turned by the operator.

No. 9612. Improvements on Brush Binders. (Perfectionnements aux serres-pinceaux.)

Mark W. Marsden, Connolesville, Pa., U. S., 24th January, 1879, for 5 years.

Claim.—A cylindrical or other shape tube of India rubber or similar elastic material.

No. 9613. Improvements in Saw Mill Dogs. (Perfectionnements aux clameaux des scieries.)

George W. Rodebaugh, Detroit, Mich., U. S., 24th January, 1879, for 5 years.

Claim.—1st. In combination with a vertically adjustable dog head B and guide standard A, the flat carrying perforated bar C, bell crank e with spring pivoted thereto and resistance pin f; 2nd. In combination with the standard A, with eccentric B pivoted thereto, connecting rod D and perforated carrying bar C, the lower dog F actuated by the pin and slot h. 3rd. In combination with the dog-head B, carrying its laterally adjustable dog, the lower dog F, each of said dogs being actuated by the perforated carrying bar C by means of the eccentric B, 4th. The laterally sliding dog, provided with a series of notches b', in combination with the mortised head tooth a' and spring a. 5th. The combination of an upper and lower dog, each operating vertically, with laterally working dogs W W', when all of said dogs are actuated by one common eccentric E; 6th. The combination of the standard A, the eccentric B pivoted thereto, the arm G pivoted to said eccentric, the strap k pivoted to said arm and provided with a segmental slot r, the strap u pivoted to said strap k and the laterally working dogs W W', pivoted to said strap u.

No. 9614. Machine for Cutting Sickles. (Machine à tailler les faucilles.)

Samuel Collinson, St. Catharines, Ont., 31st January, 1879, (Extension of Patent, No. 3063) for 5 years.

No. 9615. Improvement on Tongs used for Machinery. (Perfectionnement aux tenailles à l'usage des mécaniciens.)

Samuel Collinson, St. Catharines, Ont., 31st January 1879, (Extension of Patent, No. 3064) for 5 years.

No. 9616. Improvements on Trolling Spoons. (Perfectionnements aux cuillers à trôler.)

Gardiner M. Skinner, Gananoque, Ont., 3rd February, 1879, (Extension of Patent, No. 3067) for 5 years.

No. 9617. Improvements in Inhaling Tubes. (Perfectionnements aux tubes inhalateurs.)

William H. Cutler, Buffalo N. Y., U. S., 4th February, 1879, (Extension of Patent, No. 3109) for 5 years.

No. 9618. Improvements on Milk Coolers. (Perfectionnements aux garde-lait.)

Samuel H. H. Greenhorn, and Benjamin L. Proutice, Hardwick, Vt., U. S., 31st January, 1879, for 5 years.

Claim.—The cylindrical can B, having ventilated orifice b b', cone C, the cover and collar a, the arrangement of these covers and collars when used to set's and the arrangement of the partitions, in combination with and partially surrounded by the ice or water tank A A.

No. 9619. Improvement on Tap Attachments. (Perfectionnement aux joints des robinets.)

John H. Guest and George Guest, Toronto Ont. 31st Jan 1879, for 5 years
Claim.—The combination of the cup U, outlet A and joint B with the tap attachment.

No. 9620 Improvement on Stove Attachments. (Perfectionnement aux ventilateurs des poëles.)

John G. Malcolm, Innorkip, Ont., 31st January, 1879, for 5 years.

Claim.—1st. The attachment of an air chamber D F to the under surface of the hearth or bottom plate of stove A U, so as to enclose the ash box E;