

No. 6225. Improvements on Paper Dampers.
(*Perfectionnements aux humecteurs de papier.*)

Charles G. C. Simpson, Montreal, Que., 21st June, 1876, for 5 years.

Claim.—The pad a, of porous material for holding water by attraction having an impervious back b; 2nd. The pad a, of porous material for holding water by capillary attraction, having an impervious back b, with a front impervious margin c, or margins c.**No. 6226. Improvements on Washing Machines.**
(*Perfectionnements aux machines à laver.*)

Jacob M. Rodkey, Peleeville, Ont., 21st June, 1876, for 5 years.

Claim.—The box A, within which is placed a false bottom formed by the fluted bars C, and platin pieces L, bound together by the end pieces D, and supported by the spring F, in combination with a fluted or corrugated roller G, pivoted within the box A, upon the crank axle II.**No. 6227. Improvements in Stump Extractors.**
(*Perfectionnements aux arrache-souches.*)

Enoch Farnsworth, Punatawney, Penn., U. S., 21st June, 1876, for 5 years.

Claim.—1st. A clevis H, resting within a notched link F, and supporting a lever G, provided with holes Q, and sheaves I, in combination with the chain or rope J, and snatch blocks K; 2nd. The leg or standard A, provided with a ring shackle D, in combination with the bolt F, and legs or standards A, A; 3rd. The take up bar M, provided with the holes K, and clevis O, for supporting the stump chains P, in combination with the pin N, and lever G; 4th. The hold up link L, fitting within the notched link F, in combination with the take up bar M; 5th. The legs A, A, connected together in the form of tripod and provided with foot pieces B, in combination with the bar C, placed sufficiently far from the ground to allow each of the legs A, A, to find a bearing upon the ground for itself; 6th. The take up bar M, provided with clevis O, in combination with the two stump chains P.**No. 6228. Improvements on Cultivators.**
(*Perfectionnements aux cultivateurs.*)

Jonathan Wade, London, (Thp.) Ont., 21st June, 1876, for 5 years.

Claim.—1st. The bars C, C, divisions E, teeth F, shoes G, slotted bars H, set or thumb screws I; 2nd. The arrangement, in combination with frame A, of a series of movable bars C, C, attached to slots in frame by eyes and bolts D; 3rd. In combination with the movable bars C, C, the roller J, ratchet and lever L, M, and chains K.**No. 6229. Churn Power.** (*Moteur de baratte.*)

Truman Cole, Shannonville, Ont., 21st June, 1876, for 5 years.

Claim.—The combination and arrangement of steel spring A, clip-holding spring B, standard G, brace D, bed piece E, lever bar F, dash handle G, balance weight H, and screw I.**No. 6230. Attachment to Street Sprinklers.**
(*Disposition aux arroseurs de rues.*)

George Trimble, Toronto, Ont., 21st June, 1876, for 5 years.

Claim.—The stop cock E, placed in the centre of the perforated pipe A, in combination with the flexible pipes B, B, attached to the cart C, and provided with valves D, D.**No. 6231. Improvements in Catapults.**
(*Perfectionnements aux catapultes.*)

John A. Knight, Montreal, Que., 21st June, 1876, for 5 years.

Claim.—A catapult composed of the handle K, and rubber ejector X, the ring R, and hole II.**No. 6232. Process of Tanning Hides.**
(*Procédé de tannage des peaux.*)

Charles Richter, Detroit, Mich., U. S., 21st June, 1876, for 5 years.

Claim.—1st. The solution composed of the ingredients before mentioned, viz. water, sulphuric acid, common salt, wheat bran or wheat middlings and sugar of lead; 2nd. The manufacture of leather from hides or skins by the application of the solutions composed of water, sulphuric acid, common salt, wheat, bran or wheat middlings and sugar of lead and water, sal soda, racoon oil and glycerine.**No. 6233. Improvement in Piston Packings.**
(*Perfectionnements dans les garnitures de pistons.*)

John T. Wright and Martin Schueble, Dayton, Ohio, U. S., 21st June, 1876 for 15 years.

Claim.—1st. The socket ring F, fitting snugly into and against the head of the stuffing-box in combination with a packing-box G, having a convex edge d, conforming to the concavity of the said ring; 2nd. In combination with a piston rod B, a packing-box and a conical chamber formed therein, the cleft rings F, G, H, in the form of a conical frustum, recessed in the said chamber and adapted to be wedged therein by the steam pressure whereby they are made to automatically contract and clamp the said piston rod and form a steam tight joint therewith; 3rd. In combination with the rings F, G, H, recessed into a chamber packing-box a piston rod and a spring S, the collar I, applied between the said spring and the packing rings; 4th. The cleft packing rings F, G, H, in the form of a conical frustum; 5th. The combination of the packing rings F, G, H, having each a cleft i, with a conically recessed packing-box G, adapted to receive the said rings and to cause them to contract around the piston rod.**No. 6234. Improvements on Door Checks.**
(*Perfectionnements aux arrêles-portes.*)

Simon R. Billings, Flint, Mich., U. S., 21st June, 1876, for 5 years.

Claim.—The body a, flanges - latch c, having incline g, recess h, stop s, shoulder j, in combination with the spring i, and hole n.**No. 6235. Improvements on Soap for Washing Clothes, &c.**
(*Perfectionnements au savon à laver le linge, &c.*)

Henry DeLewis, Halifax, N. S., 21st June, 1876, for 5 years.

Claim.—A compound of sal-soda, soap, borax, sulphate of soda and carbonate of ammonia.**No. 6236. Improvements on Straw-cutters.**
(*Perfectionnements aux hache-paille.*)

Andrew Tolton and David Tolton, Guelph, Ont., 21st June, 1876, for 5 years.

Claim.—1st. The attachment to a straw cutter frame A, having a wheel B, carrying radial cutting knives of a fan box C, having a tube F, through which the cut straw is carried off by pneumatic force; 2nd. The attachment to the knife wheel B, of a straw cutter, of buckets or fans G, for the creation of a blast for forcing the cut straw through a pneumatic tube F, connecting with a fan box C; 3rd. The combination of a fan box C, having pneumatic tube F, and a knife wheel B, carrying fans or buckets G, for the creation of a pneumatic blast whereby the cut straw is carried through the tube to a place of deposit.**No. 6237. Improvements on Harrows.**
(*Perfectionnements aux herces.*)

William T. McGhee and Jacob Waters, Wheeling, Mo., U. S., 21st June, 1876, for 5 years.

Claim.—1st. The XX-shaped harrow frames I pivoted together laterally at their front and rear ends and suspendedly attached to the wheeled frame 2nd. In combination with the X frames I, hinged together at their front and rear ends the shaft E, mounted on the wheeled frame C, having the winding discs F, F, and chains U, H, connecting with the harrows and operated by the lever handle J; 3rd. In the XX frames I hinged together at their front and rear ends the front ends, connected to the double tree K, and king bolt L, of the wheeled frame C; 4th. In combination with the XX frames double tree K, and king bolt L, the shaft E, having winding discs G, and chain M, connecting with the double tree K, of the wheeled frame; 5th. The XX harrow frames I, suspended at their front ends by the double tree K, and king bolt L, and chain M, and at their centres by chains H, H, in combination with the shaft E, having discs F, F, and G, for winding the chains by the hand lever J; 6th. The foot pawl O pivoted to the axle A, and disc G, having ratchets Q, in combination with the shaft E.**No. 6238. Improvements on Curtain Fixtures.**
(*Perfectionnements aux ajustages de rideaux.*)

William E. Skinner, Milford, Mich., William O. Spaight, Tiffin, Ohio, and John Spaight, Cal., U. S., 21st June, 1876, for 5 years.

Claim.—1st. The combination with the bracket A, of the ratchet wheel D, and the gravitation pawl G, said pawl being suspended between the sides of said bracket below the bearing for the curtain roller; 2nd. A roller composed of sections telescoping for adjustment; 3rd. A curtain bar or rod composed of a tube and a rod sliding therein, said rod being provided with means for retaining the pieces in frictional contact; 4th. The combination with the corrugated roller C, of a flexible covering or jacket I; 5th. The combination with the bracket A, of the ratchet wheel D, pulley E, flange J, gravitation pawl G, and the guard H.**No. 6239. Improvements on Grain Binding Machines.**
(*Perfectionnements aux machines à lier le grain.*)

Sarah L. Whitney, (Administratrix of the Estate of John H. Whitney deceased.) St. Louis, Mo., U. S., 21st June, 1876, for 5 years.

Claim.—1st. A twister for grain binders consisting of the rotating shaft C, having attached rigidly thereto the eccentric spindle a, provided with a laterally projecting finger or lip b; 2nd. The clamping device consisting of the stationary pin r, and the spring lever or jaw d, the latter being pivoted eccentrically to the pin r, whereby the wire is held tight when drawn in one direction and released when drawn in the opposite direction; 3rd. The finger b, pin r and conical beveled roller u; 4th. The shaft C, provided with the rigidly attached spindle a, finger b, incline l, and cutting lip c, in combination with the stationary lip o, and the clamping device r, d.**No. 6240. Flour and Grocery Bag.**
(*Sac à farine et épicerie.*)

Thomas Phillips, Akron, Ohio, U. S., 21st June, 1876, for 5 years.

Claim.—A paper bag having one surface of bleached pulp for the sake of merchantable appearance and the other surface of unbleached or slightly bleached pulp for the sake of cheapness and strength.**No. 6241. Improvements in Spring Beds.**
(*Perfectionnements aux lits à ressorts.*)

John E. Townshend, Montreal, Que., 21st June, 1876, for 5 years.

Claim.—The mode and manner of securing together the mattress A, and spring bed B, leaving a sufficient space around the edges to admit of the clothes being securely held in place.**No. 6242. Improvements in Door Knobs.**
(*Perfectionnements aux boutons des portes.*)

William H. Gonne, Chatham, Ont., 26th June, 1876, for 5 years.

Claim.—1st. The spindle E, and nut A, passing entirely through knobs B, B, to prevent them from being pulled off or from being separated from necks C, C, and as a means of adjusting them to suit any thickness of door 2nd. The ribs on neck and on rose to prevent them from turning the one in the knob and the other in the door.