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## RECORD



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### INVENTIONS PATENTED.

NOTE.—Patents are granted for 18 years. The term of years for which the fee has been paid, is given after the date of the patent.

#### No. 39,264. Motor. (Moteur.)

Willard C. Carpenter, St. Johnsbury, Vermont, U.S.A., 13th July, 1892; 6 years.

*Claim.*—In a device of the character described, the combination with the frame bearing a rotary grinder shaft provided with a pulley, of the shaft *f*, mounted in said frame, the fly wheel mounted loose thereon, and provided with the chambered pulley hub, belted to the grinder pulley, the chambered clutch wheel loose on said shaft, and disposed in said hub chamber, the spring within said clutch wheel, balls working in peripheral cam grooves in the clutch wheel, and engaging the hub chamber walls, a treadle, and a belt wound on the clutch wheel hub and connected with said treadle.

#### No. 39,265. Art of Making Brushes.

(*Art de faire les brosses.*)

John Hepner, Port Elgin, Ontario, Canada, 13th July, 1892; 6 years.

*Claim.*—The method of fastening each knot of the stock of brushes separately into the blocks, by means of a metal fastener, either bevelled or not; passed through a loop of the stock and driven into the solid wood of the block at the bottom of each hole in the block, thus holding the stock of the brush, substantially as described.

#### No. 39,266. Reversible Plow Point.

(*Charrue tourne-soc.*)

George Clarence Westervelt, South Bend, Indiana, U. S. A., 13th July, 1892; 6 years.

*Claim.*—1st. The plow point described, having a wedge shaped toe, and the rearwardly extending tapered integral tang *B*, having the longitudinal offsets *c*, laterally extending flanges *v*, angled shoulders *S*, and pin holes *r* for inserting a pin, all arranged to operate substantially as and for the purpose set forth. 2nd. The combination of the plow point *A*, having a wedge shaped toe, a reversible and rearwardly extending integral tapered tang *B*, having the reversed longitudinal offsets *c*, and having the laterally extending flanges and pin hole groove *r*, and having the angled shoulders *S*, and the share *D*, having a recess in its toe corresponding in form to that of the said tang, and having the reversed offsets *c*<sup>1</sup>, *c*<sup>1</sup>, and the recesses *r*<sup>1</sup>, substantially as and for the purpose set forth. 3rd. The reversible plow point, shown and described, having a wedge shaped toe, and a rearwardly extending tang or shank *B*, having the longitudinal offsets *c*, the offsets on the one side being reversed from those on its opposite side, and having rearwardly extending projections *v*, for fitting corresponding recesses *r*<sup>1</sup> in the plow point, and having the angled shoulders *S*, and pin grooves *r*, substantially as and for the purpose set forth.

#### No. 39,267. Horse Collar. (*Collier de cheval.*)

Herman Clement Etzkorn, Fort Madison, Iowa, U. S. A., 13th July, 1892; 6 years.

*Claim.*—1st. The herein described collar, each of the sections of which consists of the front facing, the rear facing secured at its outer edge to the front facing, and having its inner edge folded upon itself, and overlapping the inner edge of the front facing, the flexible rim consisting of the strip of leather doubled upon itself longitudinally, interposed between the two facings, securing devices passed through the inner and outer facing and rim, the buckles having their frames secured between the upper meeting edges of the front and rear facings of the opposite sections, the pad located under the collar below the buckle frames, the leather section stitched thereto and provided at each side of its centre with a transverse slot forming an intermediate loop, the billett passed through the loop, secured at its centres thereto, and having its ends projecting through the slots and connected with the buckle, the wire frame secured to the lower end of one of the collar sections, and consisting of the opposite terminals laterally bent in alternately opposite directions and combining to form transverse openings, the staple secured to the opposite section and engaging the openings, and the locking strap secured to one of the sections and adapted to be passed through the staple, substantially as specified. 2nd. The herein described collar, comprising the opposite sections, each consisting of a front facing, a rear facing secured at its outer edge to the front facing and having its inner edge brought around and overlapping the inner edge of the front facing, the flexible rim interposed between the two, the stiff spacing strip *b*, and securing devices passed through the inner and outer facing strip and rim, substantially as specified. 3rd. The herein described collar, comprising the opposite sections, each of which consists of a front facing, rear facings secured at their outer edges to those of each of the front facings, and having their inner edges doubled upon themselves and bent around upon the front facings, the longitudinally doubled strips of leather forming the rims, interposed between the overlapped portions of the front and rear facings, the sections of stiff leather interposed between each front facing and its rim, and the staples driven through each of the two front and rear facings, rims and sections of stiff leather and having their points clinched, substantially as specified.

#### No. 39,268. Frame for Stretching Fabrics.

(*Métier pour tendre les tissus.*)

Samuel Hough, Allegheny, Pennsylvania, U.S.A., 13th July, 1892; 6 years.

*Claim.*—1st. In a frame for stretching fabrics, a bar composed of two sections, each having the L-shaped head herein described, and being mortised at one end to form a joint, the one section having two rows of pins, one row extending from the head of said section to the mortise, the second row extending from the mortise to the end of said section, the other section having a single row of pins extending its whole length and being provided with a back piece, to which are attached a clamp and a guide, as and for the purposes described. 2nd. A frame for stretching fabrics, having two side bars, each provided with the L-shaped head herein described, and a row of pins, an upper bar having a row of pins, and a lower bar having two sections, each provided at one end with the L-shaped head herein described, and being mortised at their other ends to form a joint, the one section having two rows of pins, the other but one, and having a back piece fitted with a clamp and guide, as and for the purposes described. 3rd. A frame for stretching fabrics, each having a row of pins and a scale on one and a leg on the other, in combination with the L-shaped head herein described, an upper bar having a row of pins, and a lower bar made up of two sections, both