

No. 6008. Chimney Sweeper.*(Ramoneur de cheminée.)*

Césaire Charbonneau, Montréal, Que., 27th April, 1876, for 5 years.

Résumé.—1o. La combinaison du parallélogramme G, posé à l'intérieur du caisson de la cheminée A, formé par des équerres H, avec boutons J, et coulisses I, se rétrécissant à volonté, attachées aux angles de la monture K, à ressort, qui fait mouvoir les équerres H; 2o. La combinaison de la chaîne sans fin, attachée aux deux extrémités de la monture K, passant sur les poulies C, et D, du sommet et du bas, et la manivelle E, pour faire mouvoir l'appareil; 3o. La combinaison de la brosse L, faite en brousse d'acier sur un parallélogramme M en fer de la plus petite dimension pour remplacer le parallélogramme G, pour rendre le travail plus aisé pour les cheminées courbées.

Claim.—1st. The combination of the parallelogram G, placed in the interior of the chimney flue A, formed by squares H, with buttons J, and grooves I, that may be narrowed at pleasure, attached to the angles of the frame K, with a spring which moves the squares H; 2nd. The combination of the endless chain attached to the two extremities of the frame K passing over the pulleys C, and D, at the top and bottom, and the crank E, for moving the apparatus; 3rd. The combination of the brush L, made of steel wire upon an iron parallelogram M, of small dimensions to take the place of the parallelogram G, to make the work easier in crooked chimneys.

No. 6009. Improvements on Thread Reels.*(Perfectionnements aux bobines à ficelles.)*

James Clarke, Montréal, Que., 27th April, 1876, for 5 years.

Claim.—The combination of the reel c, and reel c, friction h, and cord and weight f, and g.

No. 6010. Machine for Coiling Hoops.*(Machine à plier les cercles.)*

John B. Pike, Harwick, Ont., 27th April, 1876, for 5 years.

Claim.—The back plate revolving with the disc on which the hoops are coiled, or in its stead, a stationary back plate T, with rollers a, c, d, the hoop guide consisting of disc B, cross bar E, and rollers C, C, or instead of rollers C, C, C, a plate revolving on a centre pin placed in the disc B, and cross-bar E.

No. 6011. Improvements on Mucilage Bottles.*(Perfectionnements aux pots à mucilage.)*

John P. Haseltine, Caticook, Que., 27th April, 1876, for 5 years.

Claim.—1st. The mucilage bottle A, having a flat sided bottom b, a raised back and a neck c, inclining upwards; 2nd. The combination with the bottle A, of the cork B, having a brush c of bristles arranged around a central tube D, passing through the cork; 3rd. The cap E, in combination with the bottle A, and the brush C.

No. 6012. Improvements in Steam Governors.*(Perfectionnements aux gouverneurs de vapeur.)*

William Yates, London, Ont., 27th April, 1876, for 5 years.

Claim.—1st. The separate valve chamber P, with any number of narrow ports and valve O, to correspond whether circular or flat; 2nd. The sleeve c, arm G and other pulley H for the belt tightener; 3rd. The cranks J, and J, and shaft I, with journal box F, the mode of attaching to speeder arm for safety attachment, being applicable to any ordinary piston governor.

No. 6013. Manufacture of Barrels from Pulp.*(Fabrication des barils de pulpe.)*

George W. Laraway, Port Byron, N. Y., U. S., 27th April, 1876, for 5 years.

Claim.—1st. A moulded pulp barrel having homogeneous enlargements and body; 2nd. A moulded compressed pulp-lined barrel; 3rd. A moulded pulp barrel the fibres of the ends thereof being of stronger material than those of the body.

No. 6014. Hydraulic Brakes for Gun Carriages.*(Freins hydrauliques pour les affûts de canons.)*

Alfred Krupp, Essen, Prussia, 27th April, 1876, for 5 years.

Claim.—Forming the piston in hydraulic brakes of gun carriages in two parts and fitted with pistons, rods, valves, disc and other accessories whereby a perfect control is obtained over the traverse of the gun carriage upon its slide.

No. 6015. Improvements on Clothes Dryers.*(Perfectionnements aux séchoirs à linge.)*

Montagu A. B. Shuman, Ottawa, Ont., 27th April, 1876, for 5 years.

Claim.—1st. A clothes dryer constructed of the cross-bars A, A, B, B, diagonal bars C, D, axial bar G, and top bars E, F, the bars H, H, and bars I, I, constituting a supplementary strong frame; 2nd. The provision to the bars E, F of the main frame of the hinged or pivoted metal or wood bars J, J, adjustable horizontally and falling to a perpendicular position.

No. 6016. Canopy for Buggies, Phaetons, &c.*(Bouffet de boghies, phaetons, &c.)*

George R. McCrea, Bowmanville, Ont., 27th April, 1876, for 5 years.

Claim.—1st. The front posts B, B, having knee-shaped tops G, G, and held by the pins J, J, within the brackets I, I, preferably formed by the side plates H, H, in combination with the folding braces K, K, hinged to the front posts B, B, at L, L, and to the plates H, H, at M, M; 2nd. The side plates H, H, riveted or otherwise fastened to the frame D, and having arms R, R, R, in combination with the bows E, E, E; 3rd. The stop bar N, attached to the back posts C, C, in combination with the hinged front posts B, B.

No. 6017. Improvements on Door Springs and Locks.*(Perfectionnements aux ressorts et aux serrures de portes.)*

William H. Myers, Edwin H. Osborn and James M. Fox, Oregon, Wis., U. S., 27th April, 1876, for 5 years.

Claim.—In combination with the two pivoted arms C, E, the arm F, having a stop lug I, on its free end, the spring G, the pivot screw h, nut J, washer K and shell L.

No. 6018. Guide for Bench Planes.*(Guide-rabot.)*

Harrison P. Taylor, Franklin A. Perdue and Jeremiah M. Perdue, Minerva, Ohio, U. S., 27th April, 1876, for 5 years.

Claim.—The combination of plate A, slide single set screw C, and quadrant D.

No. 6019. Station Indicator.*(Indicateur de station.)*

George Allan, Waterloo, Arthur J. M. Tenny, St. Johns, John Allan, St. Vincent de Paul, and James Allan, Montréal, Que., 27th April, 1876, for 5 years.

Claim.—1st. The combination of the case A, with opening A, slide A, rollers D, D, with ends d, d, band G, and guides T, F, 2nd. The combination with the box A, and partition B, the bearings C, C, with elastic packing e, and set screws L, 3rd. In combination with the rollers D, D, with ends d, d, the ratchet wheels g, g, with pawls H, H, and rod K.

No. 6020. Middlings Purifier.*(Epurateur des gruaux.)*

Louis Gathmann, Chicago, Ill., U. S., 28th April, 1876, for 5 years.

Claim.—1st. The combination with the screens G, G, G, made of bolting cloth and the sneshes of said screens increasing in size consecutively of the discharging board L, carrying aprons H, H, and J, J, bottom board h, and points m, m, 2nd. The combination with the screens G, G, G, of the aprons H, H, and J, J, 3rd. The combination with the screens G, G, G, of the discharging board L, aprons H, H, and J, J, of the openings g, and valves g; 4th. The combination with the screens G, G, G, of the reciprocating bar R, arms T, and scrapers t.

No. 6021. Brick Kilns.*(Four à chaux.)*

Robert Carroll and William M. Jamieson, Toronto, Ont., 28th April, 1876, for 5 years.

Claim.—1st. The side arches C, C, into which the furnaces open, arranged in connection with the end arches D, D, for the purpose of forming a continuous passage around the body of the kiln for the fire and provided with the cut off dampers F, 2nd. The centre arch C, divided into independent sections by the draft walls c, and connected to the side arches C, C, by the ordinary arches D, the entrances to the said arches D, being fitted with cut off dampers D, operated by the pivoted lever E, or any equivalent mechanical device from the exterior of the kiln case; 3rd. The flues H, placed at suitable intervals at or near the crown of the arches C, C, or leading direct from the crown of the furnace and provided with cut off dampers H, operated from the exterior of the kiln by the rods H, the said flues being arranged to lead the heat from the arches or furnaces upwards to the scintling courses 4th. The hopper bottomed fuel reservoir I, placed over the furnaces and provided with the leading pipes I, the said pipes being fitted with the cut off dampers J, draw valve J, and rose K, 5th. The shield block G, placed in front of the furnaces B, within the arches C, C.

No. 6022. Flat Iron Heater and Oven Combined.*(Poêle à chauffer les fers à repasser et fourneau combinés.)*

James C. Harper, (Assignee of Charles G. Besse), Wilton, Mo., U. S., 28th April, 1876, for 5 years.

Claim.—The heater A, provided with the opening B, grate D, and cover I.

No. 6023. Process for Making Felt Water Proof.*(Procédé pour rendre le feutre imperméable.)*

Cyrus E. Moyer, Berlin, Ont., 28th April, 1876, for 5 years.

Claim.—The process of making Felt Water proof by the use of alum and sugar of lead.

No. 6024. Machine for marking out and Cutting Irregular Figures, &c.*(Machine à tracer et couper les objets de forme irrégulière.)*

Hugh McAdams, Toronto, Ont., 28th April, 1876, for 5 years.

Claim.—1st. The slotted bar F, pivoted to the plate A, and provided with a stud pin I, and roller J, in combination with the groove C; 2nd. The carriage head H, fitted to the bar F, and pivoted with a roller M, in combination with a pivoted head N, provided with a knife Q.

No. 6025. Improvements on Fret Saws.*(Perfectionnements aux scies à évider.)*

Sylvester B. Fuller, Lynn, Mass., U. S., 28th April, 1876, for 5 years.

Claim.—1st. The combination of the handle C, its guides F, F, and operative spring G, with the saw carrier B, and the supporting frame D, E, 2nd. The combination of two plates D, E, and the connecting linkage H, with the saw carrier B, its handle C, and the guides F, F, thereof; 3rd. The combination of the extension leg I, and its clamp screw L, the frame D, E, the saw carrier B, and the handle C.