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### INVENTIONS PATENTED.

No. 2602. GILES H. CROSBY, Rome, Ohio, U. S., 12th August, 1873, for 5 years: "A Sled." (Un traîneau.)

Consists in the attachment of the runners to the sled beams by means of a free joint whereby a vertical vibratory movement is obtained.

*Claim.*—1st. The sled runner A, consisting of the part E, shoe F, and web G, provided with angular flanges H, H<sup>1</sup>; 2nd. The stay I, in combination with the sled runner A, and beam B; 3rd. The wooden runner J, stay K, in combination with the stay I, and sled beam B.

No. 2603. JOHN BOYLE, New York, U. S., 12th August, 1873, for 15 years: "Wooden Soled Shoe." (Chaussure à semelle de bois.)

*Claim.*—In combination with textile or other similar fabric B, and a grooved or recessed sole A, the binding clamp C, for attaching the fabric firmly thereto as described.

No. 2604. JOSEPH C. TILTON Pittsburg, Penn., U. S., 12th August, 1873, for 5 years: "Steam Wash Boiler." (Chaudière de buanderie.)

The object being to make the false bottom water tight or nearly so and force the heated water to pass out through the pipes provided for that purpose.

*Claim.*—The false bottom B, having the V shaped sides D, D, in combination with the boiler A, having the grooves C, C, and hot water passages F, F, when arranged and operating as specified.

No. 2605. ALEXANDER ANDERSON, London, Ont., 12th August, 1873, for 5 years: "A Door Spring." (Un ressort de porte.)

*Claim.*—1st. A rubber or elastic strap A the one end of which is fastened to the door by the creased plate B and the other end thereof attached to the thumb screw C which is fastened by the side plate D to the side jamb of the door; 2nd. The combination of the thumb screw C and the side plate D which has notches on the upper surface thereof surrounding the hole through which the thumb screw passes.

No. 2606. JOSEPH BEAUDRY & GEORGE J. WILSON, Ottawa, Ont., 12th August, 1873, for 5 years: "A Turning Lathe." (Un tour.)

*Claim.*—1st. The cylindrical arrangement of the material to be turned between flanges C, secured to a revolving shaft B, whereby only a portion of the material is cut by the knife or tool, to form one side of a polygon; 2nd. In placing the material to be cut between rotary points in revolving flanges whereby the position of the material can be changed by a rotary motion to present a new face to the cutting tool; 3rd. A machine for turning polygonal sides to material the employment of flanges C, secured adjustably to a revolving shaft B; 4th. In combination with the revolving flanges C, and shaft B, the application intermediately of a removable cylinder E; 5th. In combination with the revolving flanges

C, the arrangement and application of the rotary knives I, as set forth; 6th. In securing the cutting knives I, to a shaft revolving in journal boxes affixed to sliding blocks H, whereby their adjustment to or from the material to be cut may be effected by screws J, or other devices.

No. 2607. WILLIAM WEBSTER, Howick, Ont., 12th August, 1873, for 5 years: "Log Canting Machinery." (Appareil à retourner les bil-lots.)

Relates to a device whereby saw or other logs can be easily and readily turned over in the process of sawing while on the feed carriage.

*Claim.*—1st. The combination of the purchase wheel F, having a rope G, shaft E, provided with a ratchet and pawl H, I, and chain and hook M, N, applied as set forth for turning the log on its carriage; 2nd. In combination with the wheel and shaft F, E, the arrangement of the ratchet H, pawl I, and lever J, operating as described.

No. 2608. JOHN RITCHEY, Ottawa, Ont., 12th August, 1873, for 5 years: "Dyspepsia Cordial." (Remède contre la dyspepsie.)

*Claim.*—A medical compound or cordial prepared by boiling the bark of the spotted alder shrub, the bark of the prickly ash tree and the bark of the black cherry tree, in about the proportions specified, and mixing such obtained decoction with about an equal quantity by measurement of gin, and sweetening the same with loaf or crushed sugar, to render the mixture a palatable cordial.

No. 2609. WILLIAM S. FISH, Glasgow, Scotland, 12th August, 1873, for 5 years: "Asbestos Packing for Piston Rods, &c." (Garniture d'asbeste pour les tiges de pistons, &c.)

*Claim.*—The packing composed of asbestos or amianthus and constructed according to either of the modes described.

No. 2610. JOHN ROBERTSON, Nitshill, Scotland, 12th August, 1873, for 5 years: "Process of Generating and Communicating Heat." (Mode de produire et répandre la chaleur.)

The gases employed in this process are common coal gas, carburetted hydrogen, the vapour of hydro-carbons, hydrogen gas, carbonic oxide gas, or the mixture of hydrogen and carbonic oxide obtained by passing steam over heated coke or other carbonaceous material.

*Claim.*—1st. The mixing of air with any one of the several gases described, or with mixtures of any two or more of such gases under pressure in pipes or passages, vessels, or in gas holders, also supplying and using the same for the purposes of generating or communicating heat; 2nd. The respective combination of the pipes B, D, a, b, and d, with chambers A, a, and b, and burners C, c, and e, in combination respectively with any boiler, furnace, fire grate, cooking stove, or range, or singeing apparatus, as set forth.

No. 2611. WILLIAM WALKER, Fort Bridger Wyoming Territory, U. S., 12th August, 1873, for 5 years: "A Railway Snow Plough." (Une charrie à neige de chemin de fer.)

*Claim.*—1st. The platforms D, D, hinged to the frame A, at b, b, and the side plates f, f, hinged at their lower edges to the platforms D, D, and operated by suitable means as described, whereby said