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### INVENTIONS PATENTED.

NOTE—Patents are granted for 15 years. The term of years for which the fees have been paid, is given after the date of the patent.

#### No. 21,796. Medicinal Compound.

(Composition Médicinale.)

Daniel Haerberle, Springfield, (Assignee of Peter Haerberle, Brookline,) Mo., U.S., 3rd June, 1885; 5 years.

Claim.—The combination, in a medicine of balsam of fir, glycerine, balsam of Peru, calamus root, juniper berries, blossoms of yarrow and alcohol, in the proportions and for the purposes specified.

#### No. 21,797. Horse Power. (Mauège.)

George B. Ellis, (Assignee of John Ellis,) East Coventry, Pa., U.S., 3rd June, 1885; 5 years.

Claim.—1st. The combination of bearing-wheels E, on the frame of the horse-power, with endless chains, the links of which have flanges a projecting beyond the ends of the lugs, so as to form a supporting track for the chain on its return, as set forth. 2nd. The links having inner flanges a, with guide ribs a<sub>1</sub>, as set forth. 3rd. The combination of the links having inner flanges, with ribs a<sub>1</sub>, the guide-wheels E<sub>1</sub> carried by shafts a<sub>2</sub>, and means for confining said shafts laterally to the frame of the power, as set forth. 4th. The combination of the shaft or spindle M and the centrally-grooved anti-friction rollers b<sub>2</sub>, with a wheel-hub open at both ends, internally chilled, and having a central rib b, as set forth. 5th. The combination of the sprocket-wheel, idler pulley and chains of a horse-power, with the frame having brackets H with guides d, the boxes d carrying the shaft of the idler-pulley, and set-screws d<sub>2</sub> for adjusting said boxes, as set forth. 6th. The combination of a friction brake-strap and operating-lever therefor, with a sprocket-wheel having a flange for the action of said brake-strap, as set forth. 7th. The combination of the sprocket-wheel and its flange, the friction-strap, the bracket c<sub>1</sub>, the rock-shaft L, with arms I and the operating-lever l, as set forth. 8th. The combination of the idler-pulley having a circular periphery, with a socket s, with the chain composed of connected links, each having a concave recess a<sub>3</sub>, as set forth. 9th. The links G, having at each end a vertically-projecting lug h forming an end bearing, as set forth. 10th. The links G, each having at one end a hook g<sub>1</sub>, and at the opposite end lugs g<sub>2</sub> carrying a hollow pin f, as set forth. 11th. A metallic lag for the treat of a horse-power, said lag comprising longitudinal ribs and transverse connecting-bars, as set forth. 12th. A metallic lag F comprising hollow longitudinal ribs m, and transverse braces n<sub>1</sub> extending between and across said ribs, as set forth. 13th. A metallic lag F comprising longitudinal ribs m, tapered from the center toward each end and having a top flange m<sub>1</sub>, in combination with connecting plates and braces for said ribs, as set forth. 14th. The combination of a link G having a tubular projection i, with a metallic lag F having end plates with openings i<sub>2</sub>, as set forth. 15th. The combination of the lags F, with the links G, each having inclined projections n<sub>2</sub> forming the bearings for the lag, as set forth.

#### No. 21,798. Water Heater.

(Calorifère à Eau.)

Eugène S. Manny, Montreal, Que., 5th June, 1885; 5 years.

Réclame. 1o. La combinaison de la bouilloire à double parois A, avec le couvercle double D, à l'aide des tuyaux de communication E, E, tel que décrit. 2o. La combinaison des tuyaux B, avec la bouilloire

A, tel que décrit. 3o. La combinaison des tuyaux M, M, reliant le couvercle double D aux tuyaux d'eau chaude H, H, tel que décrit et pour les fins indiquées.

#### No. 21,799. Lubricator. (Boîte à Graisse.)

Clarence B. Hodges and Elijah McCoy, Detroit, Mich., U.S., 5th June, 1885; 5 years.

Claim.—1st. In a lubricator, an equalizing steam conduit embraced fully or partially within the body of the lubricator itself, substantially as described. 2nd. The combination of the oil reservoir, the visible feed tube through which the oil rises, and the oil exit connected by a passage with the upper end of the visible feed tube with a steam conduit at the top of the reservoir, for discharging steam into the oil-exit between the latter and the upper end of the visible feed tube, substantially as described. 3rd. The combination of the oil-reservoir, the condenser, the visible feed tube through which the oil rises and the oil-exit connected by a passage with the upper end of the visible feed tube, with the steam conduit formed in the top wall of the oil-reservoir for discharging steam into the oil-exit between the latter and the passage which connects the visible feed tube with the oil-exit, substantially as described. 4th. The combination of the oil-reservoir having the neck F at its upper end, and the visible feed tube through which the oil rises, with the oil-exit connected through the said neck with the upper end of the visible feed tube, and the steam-conduit in the top portion of the reservoir for delivering steam into the oil-exit between the latter and the upper end of the visible feed tube, substantially as described. 5th. The combination of the oil-reservoir, the visible feed tubes at the sides thereof through which the oil rises, and the necks at the top of the reservoir having oil-exits connecting by passages with the visible feed tubes, with the condenser and the two steam conduits in the top wall of the reservoir, for delivering steam into the exit between the latter and the passages connecting said oil-exits with the upper end of the visible feed tubes, substantially as described. 6th. The combination of the oil-reservoir, the visible feed tubes through which the oil rises, and the neck F at the top of the reservoir, having a space o, and the oil-exit with the steam-conduit in the top wall of the reservoir, for delivering steam to the oil-exit, between the latter and the upper end of the visible feed tube, and the throttling valve governing the oil-exit and the flow of oil and steam from the said space in the neck, substantially as described. 7th. The combination of the oil-reservoir having neck F provided with an oil-exit, and the visible sight feed tube through which the oil rises to the oil-exit, with the valve H arranged in the neck to govern the oil-exit, and having an orifice through its stem, and an oil cup at its top, and a valve extending through the cup, and governing the orifice in the valve stem, whereby it may be fed from the said cup if the visible feed tube be broken, substantially as described.

#### No. 21,800. Matrix Making and Printing Machine. (Machine à Faire et Imprimer les Matrices.)

Ottmar Mergenthaler, Baltimore, Md., U.S., 5th June, 1885; 5 years.

Claim.—1st. The combination of a type wheel provided with fixed peripheral type, a cylinder concentric therewith, and a series of longitudinal sliding rolls mounted in said cylinder, and arranged to be extended endwise therefrom opposite the respective type. 2nd. The combination, substantially as described and shown, of a rotary type-wheel, rotary presser devices to sustain the paper against the type, and supporting and operating means, substantially as described, to carry the presser devices during their action in a path parallel with that of the type. 3rd. The combination of a rotary wheel and type sustained by said wheel and facing radially, a presser device opposed to the face of the type, and operating mechanism, substantially as described, which permits the type and presser devices to move in parallel concentric paths. 4th. The combination of a rotary wheel provided with fixed type, a rotary cylinder or carrier concentric with and rotating in unison with the wheel, radially movable presser devices, substantially as described, carried by the cylinder and opposed to the faces of the type, and means, substantially as described, for forcing the presser devices toward the type during the rotary motion, whereby the presser devices are caused to advance with the type while holding the paper thereon. 5th. In combination,