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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. 25,074. Can Opener.

(Ciseaux à Boîte Métallique.)

Bryan S. Wakeman, Batavia, N.Y., U.S., 2nd October, 1886; 5 years.

Claim.—In a can-opener, the combination of the cutter C and thumb of the cutter C and thumb nut D, with the handle H and shank B, said shank being provided with the forwardly projecting hook K, the longitudinal slot S and the grooves or channels M, M, the latter to prevent the cutter from slipping from any point of the said shank at which it may be set constructed and operated, substantially as hereinbefore set forth.

No. 25,075. Paper Holder. (Serre-Papier.)

Joseph Burnett, Montreal, Que., 2nd October, 1886, 5 years.

Claim.—1st. The combination of the board a, having arms k and tubes et secured thereon, substantially as described, and swinging bars f, the whole constructed and arranged substantially as and for the purposes set forth. 2nd. The combination of the board a, arms k, swinging bars f, attachable and detachable base a' having tubes et, the whole constructed and arranged substantially as described. 3rd. The combination of the board a, arms k, bar f, base a' having tubes et and board s, the whole constructed and arranged substantially as described for the purposes set forth. 4th. The combination of the board a, base d having projections f and h, and projections g having slot l, also having sockets e, arms k, bars f, base a' having projections b' and tube. 5th. A having arm and eye pt, arm having eye o' and flange r, board s and catches t, the whole constructed and arranged substantially as described. 6th. The combination of the binder d, file secured therein as described, with removable and replaceable bracket K, having arms k and swinging bars f, the whole constructed and arranged substantially as described for the purposes set forth. 7th. The combination of the binder d' having bar e and sockets a, file as described, brackets k, arms k and bars f, the whole arranged and operating substantially as described.

No. 25,076. Water Closet. (Latrine à l'Eau.)

William B. Malcolm, Toronto, Ont., 2nd October, 1886, 5 years.

Claim.—1st. A water reservoir or tank composed of a series of cylinders A, connected to and leading into the cylinder B, substantially as and for the purpose specified. 2nd. A three-way valve-case C, formed substantially as shown, and having the seats a and b formed in it, in combination with a double-ended valve F, substantially as and for the purpose specified. 3rd. A water reservoir or tank composed of a series of cylinders A, connected to and leading into the cylinder B, in combination with a three-way valve-case C having a small branch to connect with the supply pipe D, and large branches to connect with the cylinder B and discharge-pipe E respectively, the said branches being separated by means of the double-ended valve F, seated alternately on the valve-seats a and b, substantially as and for the purpose specified. 4th. A three-way valve-case C, formed substantially as shown, and connected respectively to the cylinder B, supply-pipe D and discharge-pipe E, a double-ended valve F designed to be seated alternately upon the valve-seats a and b, and provided with a valve-spindle f, in combination with a pivoted crank G, and pivoted lever I, arranged substantially as and for the purpose specified.

No. 25,077. Wash Board. (Planche à Savonner.)

Melvin Jinks, Conesus Centro, N.Y., U.S., 5th October, 1886; 5 years.

Claim.—1st. The combination, in a wash-board, of the rubbing surface B and the transverse staples B', secured in transverse equidistant rows across the said surface, so as to retain soap thereon and having their joints broken so as to direct the descending lather from one row to the lower adjacent row, substantially as specified. 2nd. In a wash-board, the combination of the rubber-surface B, provided with the transverse staples B' secured to the rubbing-surface in transverse rows between the channels, and so arranged that adjacent rows break joints, substantially as specified and shown.

No. 2,5078. Process of Recovering Tin from Scraps of Tin Plates. (Procédé pour faire revenir l'Etain des Retailles de Fer Blanc.)

Wilhelm Hasenback, Mannheim, Germany, 5th October, 1886, 5 years.

Claim.—The process of obtaining tin from lyes, containing protochloride of tin and protochloride of iron which are obtained in the recovery of the tin from scraps of tin plate, consisting in treating these lyes with finely divided carbonate of lime or other carbonate of the alkaline earths, whereby the tin precipitates in the form of oxyprotochloride of tin, or as protoxide of tin.

No. 25,079. Railway Car. (Char de Chemin de Fer.)

Harrison Loring and Luther K. Jeavett, Boston, Mass., U.S., 6th October, 1886; 5 years.

Claim.—1st. The car-body and jack-screw C₃, C₅, combined with a chain to sustain one end of the jack-screw, the opposite end of the chain being fixed with relation to the car-body, the outer lower end of the said jack screw taking a bearing, substantially as described, being on a foot or plate outside the track, substantially as described. 2nd. The car-body and pivoted mast mounted thereon, and provided with a turn-table d near its bottom, combined with the rope E, connected to said pivoted mast at its top, and with the anchor adapted to be secured to the track independent of and removed from the car, substantially as described. 3rd. The car-body and trunnion-plate, combined with the bolt 16 pivoted to the car-body, and provided with the nuts 17 and 18, arranged to operate substantially as described. 4th. The car-body and trunnion-plate, combined with the pivoted trunnion-plate stop connected with the car-body, substantially as described.

No. 25,780. Method of Starching Washed Goods. (Mode d'Empeser le Linge.)

Ernest A. E. Meyer, Watertown, N. Y., U. S., 6th October, 1886; 5 years.

Claim.—The within-described method of starching collars, cuffs, and other washed goods, which consists in building up within a suitable stationary receptacle, alternate layers of hot starch, and the goods to be starched, and then driving or beating the starch into the goods by mechanically pounding the whole mass within the receptacle, substantially as specified.

No. 25,081. Lime Kiln, (Four à Chaux.)

Edward V. Wingard, Philadelphia, Penn., U.S., 6th October, 1886; 5 years.

Claim.—1st. A double limekiln having tapered cupolas separated by a wall of masonry, arched furnace openings arranged on opposite sides of each cupola at the base thereof, furnaces disconnectedly set within the arched furnace openings of the kiln with their back walls forming the walls of the cupolas between the arched openings, inclined bottoms to the cupolas extending entirely across the same having air chambers under them, and terminating in a stop arranged across the draw-holes, and draw-holes in the ends of the kilns, provided with floors arranged on a level with the bottoms of the steps of the inclined kiln-bottom, substantially as described. 2nd. A double