

No. 29,064. Composition of Matters (Pills) for the Cure of Jaundice, Constipation, Diseases of the Kidneys, Heartburn, Sick Head-Ache and King's Evil. (*Composition de matières (pilules) pour la guérison de la jaunisse, constipation, des maladies des reins, de la pituite, migraine et des écrouelles.*)

Joseph E. P. Racicot, Montréal, Que., 2nd May, 1888; 5 years.

Résumé.—La composition de matières suivante, savoir: jalap en poudre, aloès, racine de mandragore, gouttes royales (Tonique), laudanum, gomme de sapin, huile de croton, et gomme arabique, le tout mélangé tel que décrit et pour les fins indiquées.

No. 29,065. Composition of Matters for the Diseases of the Urinary Organs and analogous diseases. (*Composition de matières pour les maladies des voies urinaires et des maladies analogues.*)

Joseph E. P. Racicot, Montréal, Que., 2nd May, 1888; 5 years.

Résumé.—La composition de matières comme remède consistant en baume canadien, baume de copahu et térébenthine, dans les proportions mentionnées et pour les fins indiquées.

No. 29,066. Composition of Matters for the Cure of Dyspepsia, Liver Complaint, etc. (*Composition de matières pour la guérison de la dyspepsie, des maladies du foie, etc.*)

Joseph E. P. Racicot, Montréal, Que., 2nd May, 1888; 5 years.

Résumé.—La composition de matières pour remède comprenant du capsioum, poivre blanc, camphre, clou moulu, cannelle, muscade, huile de cajuput, frêne piquant, eau et alcool, le tout mélangé ensemble dans les proportions décrites et pour les fins indiquées.

No. 29,067. Composition of Matters to be used as a Remedy for the Evacuation of the Tapeworm. (*Composition de matières devant servir comme remède pour l'évacuation du ver solitaire.*)

Joseph E. P. Racicot, Montréal, Que., 2nd May, 1888; 5 years.

Résumé.—La composition de matières constituant un remède pour l'évacuation du ver solitaire, consistant en fougère mâle et térébenthine, dans les proportions décrites.

No. 29,068. Cooking Stove for Burning Straw, etc. (*Poêle de cuisine consommant la paille, etc.*)

Thomas J. McBride, Winnipeg, Man., 2nd May, 1888; 5 years.

Claim.—1st. A cooking stove consisting of a combustion chamber having at the front an outwardly curved swell 5, tapering inwardly towards the bottom, and divided from an ashpit by a grate 15, an oven 2 surrounded by a flue 20, said flue above the oven provided with a partition 21, and dampers 22, 23, to cause a return circulation under the top of the stove, without passing around the oven, and a smoke outlet 25, near the combustion chamber, said smoke outlet having an inlet below the top of the stove, and another above its bottom, as set forth. 2nd. A cooking stove consisting of a combustion chamber, having a circularly swelled side tapering downwardly, a straw fuel magazine 9 seated on the top of the stove and over the combustion chamber, an oven 2 surrounded by a flue 20, a partition 21 and dampers 22, 23, to cause a return circulation under the top of the stove, and a smoke outlet 25 close to the combustion chamber, said outlet having an inlet below and above the oven, as set forth. 3rd. The combination, with the straw fuel magazine, of the lever 11, chain 12 and pull-handle 13, to start the descent of the fuel, as set forth. 4th. The forked lever 15, fulcrumed to the magazine and extending downwardly into the combustion chamber, for the purpose set forth.

No. 29,069. Method of Transmission through Submarine Cables, and Apparatus therefor. (*Mode et appareil de transmission par câbles sous-marins*)

John Gott, Weston-Super-Mare, Eng., 2nd May, 1888; 5 years.

Claim.—1st. A self-acting device, by which currents of an opposite polarity are sent into a telegraph cable, after the main signal current is sent, and the signal current may be of any duration, this device automatically connects the cable to earth after the reverse current has been sufficiently prolonged to neutralize, or partly neutralize the main signal current, in the manner described. 2nd. The combination, herein described, of an electro-magnet relay, a polarized differential relay, and two hand keys so connected that the two relays are simultaneously actuated by the same pole of the local battery, whichever key is depressed, in order more effectually to accomplish the object aimed at, namely, to send automatically and with perfect regularity reverse currents after each signal current.

No. 29,070. Cover for Pots, Kettles, Pails, etc. (*Couvercle pour marmites, bouilloires, seaux, etc.*)

George Durrand, Hamilton, Ont., 2nd May, 1888; 5 years.

Claim.—1st. In combination with a pot, kettle, or pail cover, of a

series of ventilating openings made therein, and a sliding plate with corresponding openings made to slide back and forth under said openings in the cover to open and close them, to act as a combined ventilator and strainer, substantially as and for the purpose specified. 2nd. In combination with a pot, kettle, or pail cover, of the openings b in the cover slot c, and a plate d provided with corresponding openings e, made to slide underneath openings b in grooves f, and a thumb button g attached to plate d and made to pass through slot c, to open and close said openings b for ventilation and straining, substantially as and for the purpose specified.

No. 29,071. Flexible Water Pipe.

(*Tuyau d'eau élastique.*)

Herrmann O. Tiedemann, Victoria, B.C., 2nd May, 1888; 5 years.

Claim.—1st. The combination, A, B, C, D, of closing spigot and faucet of pipes hermetically, with vulcanized caoutchouc rings, substantially as and for the purpose hereinbefore set forth. 2nd. The combination, E, F, G, H, of mooring anchors of pipes, substantially as and for the purpose hereinbefore set forth.

No. 29,072. Sash Fastener. (*Arrête-croisée.*)

John E. Brown, Honolulu, Hawaiian Ids., 2nd May, 1888; 5 years.

Claim.—1st. In a window fastener, the combination, with a standard provided with a horizontal recess in its lower front edge and a horizontal base, and a lever pivoted in said standard, provided with a weighted projection upon its outer end, and an oval-shaped inner end having a locking pin secured transversely therein, of a U-shaped finger plate pivoted upon a horizontal base, having the extremities of its members weighted, and provided with vertical lugs above their pivotal points, adapted to engage said locking pin, substantially as shown and described and for the purpose herein set forth. 2nd. In a window fastener, the combination, with a standard having a concave outer edge, and provided with a horizontal base, and a horizontal recess in its forward edge, near said base, a lever pivoted in said standard, provided with a weight at its outer end, adapted to normally engage the rear surface of the standard and limit the inward throw of the lever, and an oval-shaped inner end, provided with a transverse locking pin, of a U-shaped finger plate pivoted upon a horizontal base, having the extremities of its members weighted and inclined, and provided above their fulcrum with vertical lugs having convex outer edges adapted to engage the locking pin, all arranged to operate substantially as shown and described.

No. 29,073. Nut Lock. (*Arrête-écrou.*)

Edwin C. Rolls, Chatham, Ont., 2nd May, 1888; 5 years.

Claim.—1st. A nut lock consisting of a base-plate, loosely supported, so as to have limited vertical movement, and provided with lower arms extending beneath the nuts and arranged at an angle to the body of the base-plate, substantially as described. 2nd. A nut lock consisting of a base plate loosely supported, so as to have limited vertical movement, and provided with extensions or arms, which bear against the nuts, substantially as described. 3rd. A nut lock consisting of a base-plate, having an elongated central slot, and loosely supported, so as to have limited vertical movement, a post for supporting the same, upper bearing surfaces for the nuts, and a lower bearing flange therefor bent at an angle to the body of the plate and on the line of the opening for the nut, substantially as described. 4th. A nut-lock consisting of a base-plate having an elongated central slot, and loosely supported, so as to have limited vertical movement, a post for supporting the same, and upper and lower bearing surfaces for the nuts, substantially as described.

No. 29,074. Sash Supporter for Windows.

(*Supporte-croisée de fenêtre.*)

Christian W. Cook, West Jordan, U.T., U.S., 2nd May, 1888; 5 years.

Claim.—1st. In a sash supporter, the combination, with the attaching plate, as A, of the roller frame, as B, mounted in guides on said plate, whereby it is connected to, and may slide on, the latter, the rollers mounted in the ends of said roller frame, the arched spring resting at two points on said frame, and a thumb-screw, as E, for varying the tension of said spring, said screw having its head exposed and convenient for manipulation, as set forth. 2nd. In a sash supporter, the combination, with the attaching plate, as A, provided with transversely arranged slots, as a, having bevelled margins of the roller frame, as B, its rollers C and the axle of said rollers, the conical ends of said axles projecting into and engaging the slots a, thus forming attaching devices, and guides for said roller frame, and the spring, as D, for pressing the rollers up to the window frame, as set forth. 3rd. In a sash supporter, the combination, with the roller frame and rollers, of the screw E, its nut-plate, the spring D resting at two points on said roller frame, and provided with a block d having an inclined face, the guide a5 and the wedge-block a4 in said guide and bearing on said block d, said screw bearing on said block a5, substantially as set forth.

No. 29,075. Baling Press. (*Presse d'emballage.*)

Peter K. Dederick, Londonville, N.Y., U.S., 2nd May, 1888; 15 years.

Claim.—1st. The plate steel or iron baling press tube or case, with the power fulcruming to the one end thereof, and the plates forming the top and bottom of the bale chamber, provided with flanges to stiffen and strengthen them, and to form a guide to, and increase the friction on the column of pressed material. 2nd. The extensions or projections D, provided with flanges and with the power bearings fulcrumed or secured thereto, substantially as described. 3rd. The plate steel or iron baling press case or tube, arched or built out at the power end to accommodate the pitman, substantially as and for the purpose set forth. 4th. The cast plates K, in combination with the flanged plates A and B, as and for the purpose set forth. 5th. The plate metal baling press tube or case adjustable at the one end and having the pressing power fulcrumed to the other end thereof, sub-