

taching arms, having a spring-action to better retain their hold on the object to which they are secured, a hat-holding loop and a cross-bar at the junction of the attaching arms and hat-holding loop, and acting to steady the device in the vertical position, substantially as shown and described. 2nd. In a hat-holder, the combination, with the fastening arms having a projection on the cross-bar thereof, of a hat-holding arm, the lower portion of which engages the projection on the cross-bar of the fastening arms, substantially as shown and described. 3rd. In a hat-holder, the combination, with spring fastening arms having the outer bent ends thereof pointed and provided with a projection on the cross-bar thereof, of a hat-holding arm or loop attached to said cross-bar at its lower end, the said lower end of the hat-holding arm being adapted to engage the projection of the cross-bar of the fastening arms, substantially as shown and described. 4th. A hat-holder consisting of two spring arms adapted to be fastened to a moulding or like projection, and a hat-holding arm pivotally secured to the spring arms, the lower portion of the hat-holding arm being adapted to engage the lower portion of the member forming the spring arms, substantially as shown and described. 5th. In a hat-holder, the combination, with the attaching arms having pointed ends, of the hat-holding member formed with recesses or apertures near the outer end for receiving the pointed ends of the attaching arms when the device is not in use, substantially as shown and described.

### No. 26,376. Machine for Cutting Pipes.

(Machine à couper les tuyaux.)

Earnest C. Mount, Montreal, Que., 4th April, 1887; 5 years.

*Claim.*—1st. The combination of the clamp-jaws A, A', and the adjusting screw-lever handles B, B', with the spiral spring H, H', substantially as and for the purpose described. 2nd. The operating lever handles B, B', having collars or flanges, as and for the purpose described. 3rd. In a pipe-cutter, the combination of clamp-jaw A, cutter D with feeding screw E, for the purpose described. 4th. The pipe-cutting device having double clamp-jaws A, A', friction rollers C, C', lever adjusting handles B, B' and cutter D with regulating feed screw, substantially as described.

### No. 26,377. Toboggan and Boat Slide.

(Montagne russe et quai.)

Francis Forge, Shediac, N.B., and Henry A. Hillcoat, Amherst, N.S., 4th April, 1887; 5 years.

*Claim.*—A tilting table operating on an axle or hinges, substantially as and for the purpose hereinbefore set forth.

### No. 26,378. Ticket Case. (Casier à billets.)

Richard J. Matchett, Lindsay, Ont., 4th April, 1887; 5 years.

*Claim.*—1st. A case having sides A, provided with oblique grooves a fitted with a metallic lining a' and a stop a'', a series of slides consisting of strips S, s, having lips s<sup>1</sup>, s<sup>2</sup>, runners s<sup>3</sup> having hooked ends s<sup>4</sup>, and cross ribs S<sup>1</sup>, S<sup>2</sup>, S<sup>3</sup>, substantially as set forth. 2nd. The combination of the sides A, grooves a, stop a'', the runners s<sup>3</sup> and hooks s<sup>4</sup>, substantially as set forth. 3rd. The combination of the channels S, s, lips s<sup>1</sup>, s<sup>2</sup>, ribs S<sup>1</sup>, S<sup>2</sup> and runnery s<sup>3</sup>, substantially as set forth.

### No. 26,379. Machinery for Piping or Decorating Biscuits and Cakes and making fancy designs of "Icing" and ornamental biscuits. (Appareil pour monter ou décorer les biscuits ou gâteaux et faire des dessins de "glace" et de biscuits d'ornement.)

Emile Hérisse, Brighton, Eng., 4th April, 1887; 5 years.

*Claim.*—1st. The combination of parts forming the new machinery hereinbefore described and represented in the accompanying drawings at Fig. 1 to 10, consisting of the revolving frame E, pendant screws G, H, bridge I, chamber L with perforated bottom, spindle M, held piston P, hand wheels S and S<sup>1</sup>, nut T, spring U and cam V, the whole constructed and operating as before described. 2nd. The combination of parts forming the new machinery hereinbefore described, and represented in the accompanying drawings at Figs. 11, 12, 13, consisting of the revolving frame E, pendant screws G and H, bridge I with attached chamber L, spindle M, held piston P, hand wheels S and S<sup>1</sup>, boss S<sup>2</sup> and filling table X, the whole constructed and operating as before described. 3rd. In machinery for the purposes described, expressing mixing from a chamber to hold same through a perforated bottom, by causing bottom to move towards a held piston in chamber. 4th. In machinery for the purposes described, the arrangement of parts for effecting the cut off as hereinbefore described, and represented in the accompanying drawings. 5th. In the arrangement for effecting the cut off by lowering table X, a spring or springs to prevent the table holding the tin from being jarred when lowered. 6th. In machinery for the purposes described, the combination of parts operating as described to enable a differential movement to be imparted to chamber and piston during working, consisting of the large threaded screw G, smaller threaded screw H or H<sup>1</sup>, bridge I with attached chamber L, spindle M or M<sup>1</sup> with piston P attached, and hand wheels S and S<sup>1</sup>. 7th. In machinery for the purposes described, a bottom to chamber for holding mixing formed with perforated design or designs, and having the exit of the perforations formed with an outside projection a, as described. 8th. In machinery for the purposes described, the revolving frame E, for the purpose stated.

### No. 26,380. Lubricator for Locomotives, etc. (Graisseur pour locomotives, etc.)

The Nathan Manufacturing Company, (assignee of Leopold Kaczan-der), New York, U.S., 4th April, 1887; 5 years.

*Claim.*—1st. The combination of the oil reservoir, the condenser, the two sight feed tubes and their connections, the two oil exit pipes and auxiliary conduits leading from the condenser to the upper, sight feed connections for discharging steam into the oil exit directly over the upper ends of the visible food tubes, the parts being so arranged that the upper ends of the sight feed tubes are between the oil exit pipes and the discharge ends of the auxiliary steam conduits, substantially as and for the purposes hereinbefore set forth. 2nd. The combination of the oil reservoir, the condenser, the two visible feed tubes and their connections, the oil exit pipes and two separate and independent auxiliary steam conduits having no communication with each other and discharging steam from the condenser, each into its appropriate oil exit pipe, substantially as and for the purposes hereinbefore set forth. 3rd. The combination of the oil reservoir, the condenser, the two visible feed tubes and their connections, the two separate and independent auxiliary steam conduits connected each with its appropriate upper sight feed connection, the oil pipe O, and the single cross-channel O' through which oil is supplied to both of the lower sight feed connections, substantially as and for the purposes hereinbefore set forth. 4th. The upper sight feed connection, formed with a passage for connecting the auxiliary steam conduit and the oil exit pipe, in combination with the sight feed tube and the screw valve B<sup>1</sup>, movable towards and away from the sight feed tube, and constructed and arranged to open and close the upper end of said tube without closing said passage, as and for the purposes hereinbefore set forth. 5th. The combination of the oil reservoir, the sight feed tube and its lower connection, with the upper sight feed connection, provided with two independent oil outlet passages, the one for oil from the reservoir, the other for oil from a hand oiler, the condenser and auxiliary steam conduit leading therefrom to said upper sight feed connection, and the auxiliary hand oiler under the arrangement and for operation, substantially as hereinbefore set forth. 6th. The upper sight feed connection provided with passage n<sup>2</sup>, n<sup>1</sup>, by passage n, neck n<sup>3</sup>, oiler H and valve B<sup>2</sup>, in combination with the sight feed tube and its lower connection, the oil reservoir, the condenser and the auxiliary steam conduit, as and for the purposes hereinbefore set forth.

### No. 26,381. Composition for the Preservation of Fresh Fish. (Composition pour la conservation du poisson frais.)

Frederick Langton and William Rodden, Montreal, Que., 4th April, 1887; 5 years.

*Claim.*—The compound of glucose and dextrine in about the proportions herein set forth, and used as a paste or solution, as and for the purposes described.

### No. 26,382. Fire-Escape. (Sauveteur d'incendie.)

George Larkin, William Michelsteller and D. H. Stevenson, Seymour, Wis., U.S., 4th April, 1887; 5 years.

*Claim.*—1st. The combination of the framework, the arms B of the lazy-tong frame having their lower ends bent and pivoted to blocks which slide in suitable grooves on the inner side of the supporting timbers Q, the shaft, the ropes and the pulleys connected to their lower ends with the ladder, the eyebolts G connected to the lazy-tong frame, the ropes H connected to the eyebolts and the ladder, substantially as shown. 2nd. The combination of the lazy-tong frame, a suitable framework upon which it is mounted, and a mechanism for extending it with the ladder, the eyebolts G, the ropes H, and the rope connected to the upper joint of the lazy-tong frame, whereby the ladder is steadied while being extended or contracted, substantially as described.

### No. 26,383. Grain Cradle. (Javelier.)

Peter B. Nally and Munroe R. Beames, Majors, S.C., U.S., 4th April, 1887; 5 years.

*Claim.*—1st. The combination of a snath having a fixed vertical bar at one end, the fingers connected to the vertical bar at one end, the adjusting sleeves fitted on the fingers independently of each other and adjustable longitudinally thereof, and provided with means for securely connecting them thereto at any point, the brace rods intermediate of the said sleeves and the snath, the retaining sleeves also fitted and secured on the fingers, and the rigid cross-bar connecting the retaining sleeves and movable therewith, substantially as described and for the purpose set forth. 2nd. The combination of a snath, the vertical fixed bar C thereon having the apertures or sockets c, c<sup>1</sup>, the fingers fitted at their inner ends in the openings or sockets, the adjusting sleeves fitted on the fingers and having the transverse openings f<sup>2</sup> and the fixed lugs f<sup>1</sup> on one side, the keys passing through the openings f<sup>2</sup> and the fixed lugs f<sup>1</sup> on one side, the keys passing through the openings f<sup>2</sup> of the said sleeves for securing the same to the fingers, the brace rods secured at one end to the lugs of the sleeves and at the opposite end to the snath, the retaining sleeves also fitted on the fingers and a rigid transverse bar I connecting the retaining sleeves, substantially as described. 3rd. The combination of a snath carrying a fixed vertical bar C at one end, the fingers connected to the bar, the adjusting sleeves fitted on and keyed to the fingers, the brace rods intermediate of the adjusting sleeves and the snath, the retaining sleeves also fitted on the fingers and having the parallel arms provided with the transverse aligned slots h<sup>2</sup>, the rigid bar I passing through the aligned slots of the retaining sleeves, and the keys for connecting the fingers, the sleeves and the bar detachably together, substantially as described for the purpose set forth.

### No. 26,384. Means of Controlling the Supply of Atomized Fuel for Steam Generators, etc. (Moyens de régler l'alimentation du combustible liquide pulvérisé, pour générateurs de vapeur, etc.)

John Gillies & Co., Carleton Place, Ont., (assignee of George W. Davison, Rochester, N.Y., U.S.), 4th April, 1887; 5 years.