

No. 2552. HENRY HARPER, Reach, Ont., 25th July, 1873, for 5 years: "Fanning Mill Attachment." (Disposition de cribble.)

*Claim.*—The combination of the bar A, A, and the pens B, B, B, as set forth.

No. 2553. VOLNEY SMITH, Schenectady, N. Y., U. S., 25th July, 1873, for 5 years: "Compound for Dental Purposes." (Composition à dentiers.)

*Claim.*—A dental plate made of the following ingredients, viz., gum cotton prepared gum shellac, a compound for the body sulphuric ether and alcohol prepared in the manner shown.

No. 2554. SIMEON F. EMERSON & JOSEPH W. SABIN, Akron, Ohio, U. S., 25th July, 1873, for 5 years: "A Harvester Grinder." (Un rémouleur de couteaux de faucheuses.)

*Claim.*—1st. The moveable adjustable base A; 2nd. The ears I, formed on the base for limiting the movement of the standard and holding it in position; 3rd. The adjustable head C, pivoted to the standard and used for adjusting the grinder to different angles; 4th. The base A, standard B, head C, and arms D, E, in combination with a grinder and suitable grinding mechanism.

No. 2555. HENRY G. DAYTON, Maysville, Ky., & EDWIN L. JONES, Washington, D. C., U. S., 25th July, 1873, for 5 years: "Machine for Carburetting Air." (Machine à carburer l'air.)

*Claim.*—1st. The plate C, having the pipe P, and the float K, in combination with the feed pipe E; 2nd. The water chamber B, upon the bottom of the holder of the gasoline, or other hydrocarbon, and immediately under the latter as described.

No. 2556. JOHN MAY, Ottawa, & CHARLES B. PETTIT, Richmond, Ont., 25th July, 1873, for 5 years: "Cast Metal Fence Post." (Poteau de palissade en fonte.)

*Claim.*—1st. A cast metal fence post, the upper portion A, formed broad and thin with suitable perforations B, therein, and the lower portion round and tapering or of tapering cruciform webs or ribs C; 2nd. In forming the top of the post and inclined cap piece or plate F, to hold a weather board G; 3rd. In providing the post A, at or immediately below the ground line, or top of the ribs, with hooks D, or their equivalent to receive a stay bar E, as described.

No. 2557. EDWARD CHURCHILL, St. Thomas, Ont., 25th July, 1873: "Composition for Roofing." (Composition à toiture.)

*Claim.*—A composition composed of the following ingredients ordinary roofing paper: a gum composed of paraffine and gas tar; any coarse linen canvas, dry cement composed of water lime, slacked white lime, salt, pulverized mica, and clean sand, and the finishing coat composed of white lime a gum composed of paraffine and gas tar; unslacked water lime, salt, pulverized mica and pulverized potash boiled in water, the whole mixed in the proportions set forth.

No. 2558. CHARLES B. CLARK, Buffalo, N. Y., U. S., 25th July, 1873, for 5 years: "A Mop Head." (Un manche de torchon.)

*Claim.*—1st. The central annular groove B formed by uniting the two parts E, of the moveable jaw D, for operating in connection with the nut G; 2nd. The wire or moveable jaw d, provided with the bent ends, in combination with the rivets c, c, and the annular recesses f, f, in the plates E, E; 3rd. The nut G, formed with the opposite spins d, d, in combination with the grooves a, b, of the collar constructed and operating as set forth; 4th. The mop-head the shank B, provided with the double series of rack-teeth K, K, and operating in connection with the inclined feather h, of the nut G.

No. 2559. GEORGE S. CHASE, Toronto, Ont., 25th July, 1873, for 5 years: "Coal Oil Cooking Stove." (Poêle de cuisine à pétrole.)

*Claim.*—1st. The horizontal extension of stove plate forming flue A, aperture or orifice C, with raised places B, B; 2nd. The downward extension D, with hinged portion E, to admit of the adjustment of the heater to the stove plate; 3rd. The water-trough with tube for separating the flames of the burners when required.

No. 2560. ADELE E. P. BAUDVIN, Paris, France, 25th July, 1873, for 5 years: "A Metallic Alloy resembling Silver." (Un alliage métallique imitant l'argent.)

*Claim.*—The manufacture of an alloy resembling silver by combining the following metals copper, nickel, tin, inc. cobalt, and iron, with sometimes the addition of a small quantity of aluminium in the proportions set forth.

No. 2561. LEWIS M. HILLS, New Haven, Ct., U. S., 25th July, 1873, for 15 years: "Paneling and Molding Machine." (Machine à lambrisage et moulage.)

*Claim.*—1st. In combination with a revolving cutter, and a holding device having both a longitudinal and transverse movement a templet as a guide for the path of said cutter, when the said templet is made adjustable as to length and width; 2nd. In combination with the adjustable templet, described, and revolving cutter, the collar guides I, or I; 3rd. A templet as a guide for paneling machines the sides of which are formed in several parts secured together by a covering plate and the other two sides adjustable as to length as set forth; 4th. The shaft C, provided with cylinders E, and combined with cylinders F, and G, and a curved irregular templet constructed as described; 5th. In combination with a revolving cutter the table Fig. 14, provided with the stud or guide d, in axial line with the said cutters; 6th. In combination with a revolving cutter the table Fig. 14 provided with a stud or guide d, in axial line with the said cutters, and with a series of collar guides upon the said stud or guide; 7th. Combination with a revolving cutter the table Fig. 14, provided with the stud or guide d, in axial line with the said cutters, and with the adjustable bar b.

No. 2562. ISAAC ATKINSON, Hamilton, Ont., 25th July, 1873, (Re-issue of Patent No. 1780): "Process of Curing and Packing Hams and Bacon, &c." (Procédé de conservation du jambon et du lard, &c.)

*Claim.*—The art or process of curing and packing meat, the same consisting in rolling the meat or meats in fine alum after being salted and washed, and packing with a sheet of paper or analogous material between, or around each piece to prevent injurious contact as specified.

No. 2563. ROBERT L. WALTON, Stratford, Ont., 25th July, 1873, for 5 years: "Stake Holder for Flat Cars." (Porte-ridelles de wagons plats de chemin de fer.)

Consists in pivoting the stake holder to the sills instead of attaching them rigidly thereto which admits of the stake being folded.

*Claim.*—1st. The combination of the disc a, and stake holder D pivoted on the bolt E; 2nd. In the combination of the stake holder D, stake C, and longitudinal rail H.

No. 2564. MALCOLM LEISHMAN, Montreal, Que., 25th July, 1873, for 5 years: "A Shirt." (Une chemise.)

So made that it will open all the way down, the necessity of drawing it over the head being thus obviated.

*Claim.*—A shirt provided with a fly, c, as set forth.

No. 2565. WILLIAM BERRY, Montreal, Que., 25th July, 1863, for 5 years: "Improvements on Cocks and Valves." (Perfectionnements aux robinets et valves.)

Relating to cocks, valves, &c. of that class in which by the sliding, moving or revolving of the stopper or valve upon its seat an opening is either opened or closed as desired, also causing the valves or cocks to work with less friction.

*Claim.*—1st. The cock K, having two or more openings opposite each other as shown at r, and p, as described; 2nd. The valve in combination with the recess h, and with or without extensions X, by which communication is had with one or more passages C, C with or without passage d; 3rd. The valve f, constructed as described, having the pressure within and without the same.

No. 2566. WILLIAM MOORE, Barnston, Que., 25th July, 1873, for 5 years: "A Double Spring Bed Bottom." (Un fond de lit à doubles ressorts.)

*Claim.*—The combination of springs and slats, viz: longitudinal slats A, A, stationary pins B, B, cross slats C, C, cross slat springs E, E, with cross slat pins F, F, stretchers D, D, and stretcher springs G, G, as described.

No. 2567. HENRY S. FLOOD, San Francisco, Cal., U. S., 25th July, 1873, for 5 years: "A Corset Clasp." (Une agrafe de corset.)

The corset can be partially opened and turned down in front without the necessity of unfastening it entirely.

*Claim.*—1st. The corset steels b, b, either provided with a hinged flap or section d, or constructed in two parts which are hinged together in the manner described; 2nd. The improved corset A, having the hinged corset steels b, b, as described.