

substantially as described. 2nd. The combination in a stove fire h^1 if the shaking grate E, operated by the handle L, on the arm K, in connection with the guards I, I, on the grate E, between the checks H, H, on the front grate G, the space of side to side motion between the guards I, and the checks H being equal to the space of movement on the arm K, between the handles L, and the wall of stove T, as described. 3rd. The combination in a stove front of the falling fire front grate G, having its lower ends J, on the open bearings X, X, on the reveal U, and its upper corner points Z, held when in a vertical position between the inner checks V, and the outer checks W, (both on the reveal U,) in connection with the central lifting device at Y, for placing the grate G, in either a vertical or horizontal position, as set forth.

No. 46,921. Process of Crystallizing Liquors.

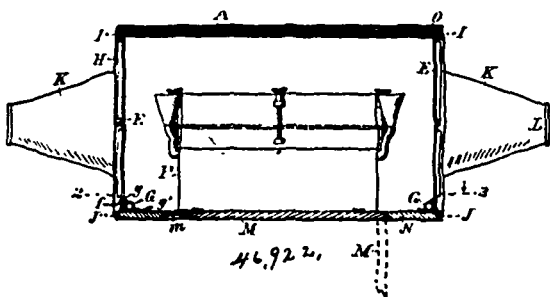
(*Procédé pour cristalliser les liqueurs.*)

Philippe Condamin, Marvejols, France, 1st September, 1894; 6 years.

Claim.—A process for crystallizing liquors by means of alcohol, perfumed or not, and syrup formed from loaf sugar, thoroughly stirred together, filtered, bottled and set aside for crystallization.

No. 46,922. Portable Dark Room.

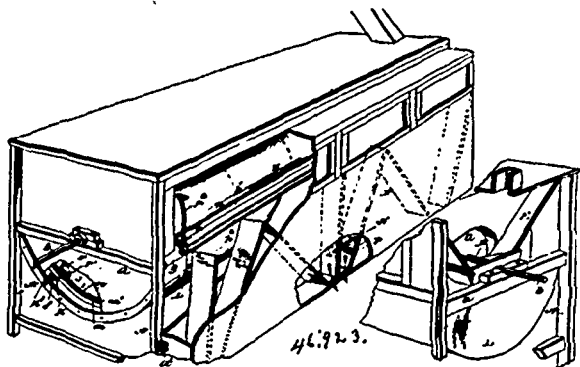
(*Chambre-noire portative.*)



Arthur D. F. Randolph, New York, State of New York, U.S.A., 1st September, 1894; 6 years.

Claim.—1st. A folding portable dark room for photographers, consisting of a top and bottom frame, flexible sides connected at their top and bottom edges with the said top and bottom frames, corner supports connected midway of their ends by a rule joint and hinged at the ends, respectively, to the said top and bottom frames and arranged to stiffen the said flexible sides at the angles when the structure is in use, said supports having depressions near one of the hinged ends, and coil springs having arms g seated in the said depressions and having arm g' secured to the contiguous frame, substantially as set forth. 2nd. The folding portable dark room for photographs herein set forth, consisting of a bottom having a downwardly opening door and grooved in the edge, a top frame having grooves in its inner edges, a frame I secured to the said top frame, flexible sides having the top edge clamped between the top frame and the frame I, and having the lower edge held in the said grooved edge of the bottom by a clamp wire, and having flexible cuffs on the opposite sides provided with contractable wrist bands, folding corner supports connected midway of their ends by rule joints and hinged at their ends, respectively, to the top and the bottom and adapted to stiffen the flexible sides when the structure is in use, and springs to hold the corner supports distended, substantially as described.

No. 46,923. Flour Bolting Reel. (Bluteau.)



Samuel D. Barr, Minerva, Ohio, U.S.A., 1st September, 1894; 6 years.

Claim.—1st. The combination of a reel, having located thereunder

a concave, a sweeping blade fixed to and revolving with said reel, the bars C and D, provided with inclined faces and the adjustable plates e, and a brush, all arranged substantially as and for the purpose set forth. 2nd. The combination of a reel having located below said reel a concave, a sweeping blade attached to and rotating with the reel, the V-shaped bars O, the brush h¹, carrying the brush h, the arms h², provided with the lugs k¹, the springs k², and the bar K, substantially as and for the purpose specified. 3rd. The combination of a reel, having located to one side thereof a brush head provided with a brush, and arms carrying said brush heads and springs, substantially as and for the purpose specified.

No. 46,924. Manufacture of Floor Cloth.

(*Toile de plancher.*)

Anton Hagele, Philadelphia, Pennsylvania, U.S.A., 1st September, 1894; 6 years.

Claim.—1st. As a new article of manufacture, a floor cloth provided with a backing material such as burlap, canvas or the like, having a composition applied thereto composed of dried and ground leaves and a binder, substantially as and for the purposes set forth. 2nd. As a new article of manufacture, a floor cloth having a composition applied thereto consisting of dried and ground deciduous leaves and a binder, substantially as and for the purpose set forth. 3rd. As a new article of manufacture, a floor cloth having a composition applied thereto, consisting of dried and ground leaves and a binder such as an oil, rosin and gum, substantially as and for the purposes set forth. 4th. As an article of manufacture, a floor cloth having a composition applied thereto consisting of dried and ground deciduous leaves, an oil, rosin and gum arabic, substantially as and for the purposes set forth.

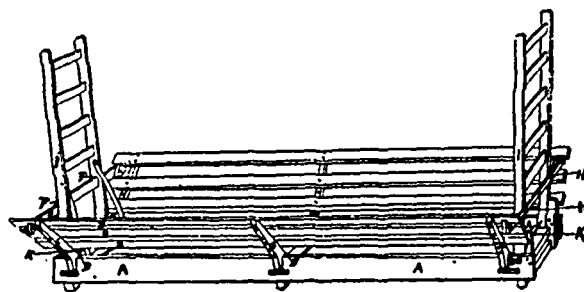
No. 46,925. Maple Syrup. (Sirop d'érable.)

Ira Allen Shanton, Carson City, Michigan, U.S.A., 1st September, 1894; 6 years.

Claim.—1st. The herein described method of producing maple syrup or sugar, which consists in finely dividing green maple wood and boiling the same, together with water and with oily matter, substantially as set forth. 2nd. The method of producing maple syrup, which consists in boiling together green maple wood, oleaginous matter, and alkaline matter in substantially the proportions stated, whereby the flavouring and colouring principles are liberated from the wood and the tanning is precipitated or absorbed. 3rd. The method of producing maple syrup, which consists in boiling comminuted green maple sugar wood, together with water and maize in substantially the proportions stated, whereby the oil of the maize is caused to aid in extracting the flavouring principle from the wood, the starch of the maize precipitates the tannin, the glucose of the maize aids in sweetening the liquor, and the alcoholic principle of the maize render it less liable to fermentation.

No. 46,926. Hay and Stock Rack.

(*Râtelier pour le foin et les bestiaux.*)



William Daniels and Ernest Clarence Daniels, both of Orangeville, Ontario, Canada, 1st September, 1894; 6 years.

Claim.—1st. The combination of arms e, c, c, right angles cut in at base of same, hinged collapsibly to sills A, A, substantially as and for the purpose hereinbefore set forth. 2nd. The combination of the trusses E, E, right angles cut in near ends of same and clamps F, F, H, H, on ladders I, I, substantially as and for the purpose hereinbefore set forth. 3rd. The combination of rods O, O, passing through vertical pieces of ladders I, I, and side sections, substantially as and for the purpose hereinbefore set forth. 4th. The combination of rods K, K, passing through the vertical pieces of ladders I, I, and sills A, A, substantially as and for the purpose hereinbefore set forth.

No. 46,927. Insect Powder Duster.

(*Machine à distribuer la poudre à insectes.*)

Herbert Clarence Adams, Mexico, New York, U.S.A., 1st September, 1894; 6 years.

Claim.—1st. An insect powder duster, comprising a bellows