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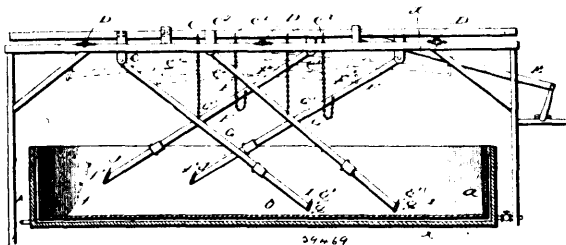
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INVENTIONS PATENTED.

NOTE.—Patents are granted for 18 years. The term of years for which the fee has been paid, is given after the date of the patent.

No. 59,469. Curd Agitator. (Moulin à caïle.)

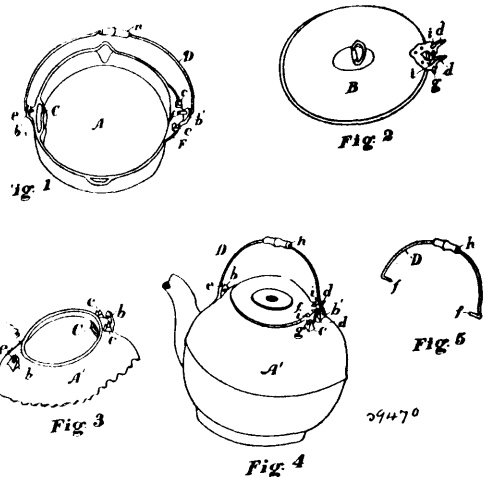


Alfred Robinson, Abercorn, Quebec, Canada, 1st April, 1898; 6 years. (Filed 10th January, 1898.)

Claim.—1st. In a curd agitator, the combination with a series of curd breakers, of means for moving them alternately in elliptical paths, in different horizontal planes, substantially as set forth. 2nd. In a curd breaker, the combination of two series of agitators with means for moving them in different paths which are reciprocally interchanged, substantially as set forth. 3rd. In a curd agitator, the combination with a vat and a carrier, which is reciprocated in a horizontal plane, of two series of curd breakers which are pivoted to the carrier and project downward into the vat, and flexible suspension-stops which limit the downward movement of the breakers but permit them to rise freely, substantially as set forth. 4th. In a curd agitator, the combination with a series of curd breakers of means for moving part of them forward in a path near the bottom of the vat while part of them are moving in a path at a greater distance from the bottom of the vat, and means for reversing the direction of travel of the breakers and also their positions relative to the bottom of the vat, substantially as set forth. 5th. In a curd agitator, the combination with a series of rake-shanks and rake-heads, of devices whereby as the rake-heads are moved to and fro their angles relative to vertical lines are changed, substantially as set forth. 6th. In a curd agitator, the combination of the vat, the reciprocating carrier mounted upon a framework above the vat, and breakers pivoted to the carrier with their free ends depending into the vat and adapted to rise and to fall by gravity in the curd independently of each other, the shanks of the breakers being reversely inclined, whereby, when the machine is in operation, part of the breakers are simultaneously pulled upward in the curd, substantially as set forth. 7th. In a curd agitator, the combination of the vat, the reciprocating-carrier mounted upon a framework

above the vat, two series of reversely-inclined rake-shanks pivoted at their upper ends to the carrier, a series of rake-heads attached to one series of shanks and depending into one end of the vat, and another series of rake-heads attached to the other series of shanks and depending into the opposite end of the vat, the two series of heads being adapted to rise and fall independently of each other, substantially as set forth. 8th. In a curd agitator, the combination of a movable carrier, a series of curd breakers suspended from the carrier and adapted to be folded close below said carrier, with means for hanging the breakers from the carrier and above the vat, substantially as set forth. 9th. In a curd agitator, the combination with a series of vertically-movable curd breakers, means for thrusting said breakers forward and downward, and stops for limiting their downward movement, substantially as set forth.

No. 59,470. Bail and Cover Attachments for Hollow Ware. (Attache de couvercles et anses pour objets creux.)



John Loring Clark, Bangor, Maine, U.S.A., 1st April, 1898; 6 years. (Filed 24th February, 1898.)

Claim.—1st. The cover and bail attachment for covered dishes consisting of the combination of bail-ears and studs with cross-grooves rising from said dish or article, with a bail having inwardly turned extremities, and a cover with projecting prongs and transverse hinge-bar adapted to hinge upon said studs, for the purpose described and substantially as set forth. 2nd. A bail and cover connection for covered dishes, consisting of a curved bail with inwardly turned ends facing each other, bail ears having bail-holes and a vertical groove extending upward from said hole, studs with cross-grooves, each side of a bail-ear, a cover with outwardly extending prongs at one edge, and a hinge-bar passing through said prongs in the manner described and substantially as set forth. 3rd. A bail and cover connection for covered dishes, consisting of the combination of a dish with protruding bail-ears and a vertical groove from the bail-hole in one or both ears, upwardly extending studs near one ear, with cross-grooves in their extremities, for the purpose described, a cover with a projection beyond its edge and transverse hinge-bar