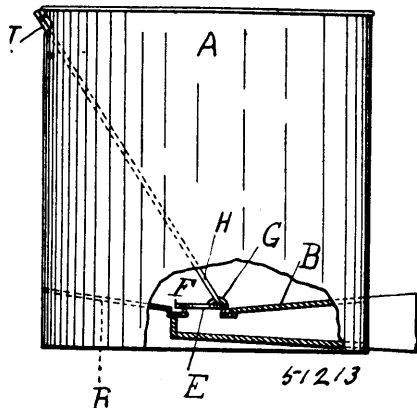


Claim.—1st. A pulley adapted to be continuously rotated, a pulley to be driven, loose with relation thereto, the adjacent faces of said pulleys having annular grooves therein, a friction-wheel interposed between the grooved faces of said pulleys, and a rocking support for said wheel, combined with means connected to one of said pulleys to cause positive movement thereof toward the other pulley to effect the engagement of the friction-wheel and both the grooved pulley faces, to thereby rotate the loose pulley, or to positively withdraw said connected pulley from such engagement with the friction-wheel to stop the rotation of the loose pulley, and a device independent of the position or of the means for actuating said pulleys to turn the rocking support to attain the desired relative speed of the pulleys, substantially as described. 2nd. A pulley adapted to be continuously rotated, a pulley to be driven, loose with relation thereto, the adjacent faces of said pulleys having annular grooves therein, a rocking support, and a friction-wheel mounted thereon in a yielding manner between the grooved faces of said pulleys, combined with means to cause positive relative lateral movement of the pulleys and thereby bring the friction-wheel into joint engagement with the grooved faces of said pulleys, to rotate the loose one, reverse relative movement of the pulleys by said means permitting the yielding of and thereby withdrawing the friction-wheel from said joint engagement and stopping the rotation of the loose pulley, substantially as described. 3rd. A pulley adapted to be continuously rotated, a pulley to be driven, loose with relation thereto, and axially in alignment therewith, said pulleys being relatively movable laterally and having annular grooves in their opposite adjacent faces, a rocking support having fixed bearings, and a friction wheel mounted thereon, between the grooved faces of the said pulleys, combined with means to move said pulleys relatively to bring their grooved faces into engagement with opposite portions of the friction wheel whereby the loose pulley is rotated by but oppositely to the continuously rotated pulley, a device to turn the rocking support and thereby alter the angle of the friction wheel to attain the desired relative speed of the pulleys, and a common actuator, to operate either the support turning device or the means for relatively moving the pulleys, substantially as described. 4th. A pulley adapted to be continuously rotated, a pulley to be driven, loose with relation thereto, and axially in alignment therewith, the adjacent opposite faces having annular grooves therein, a series of rocking supports, a friction wheel mounted in each support and interposed between the grooved faces of the pulleys, and connections between and to rock said supports in unison, combined with means independent of either of said pulleys to actuate said connections and turn the rocking supports to attain the desired relative speed of the pulley, and independent mechanism connected to one of said pulleys to cause positive movement thereof toward or from the other pulley and thereby engagement or disengagement of the friction wheels and the grooved faces of the pulleys, to thereby rotate, or stop the rotation of the loose pulley, substantially as described. 5th. A pulley adapted to be continuously rotated, a pulley loose with relation thereto, and to be driven in either direction, the adjacent opposite faces of said pulleys having annular grooves therein, a clutch member concentric to and rotatable with the loose pulley and adapted to be directly engaged at times with the continuously rotated pulley, to thereby rotate the loose pulley at the same speed and in the same direction and a friction wheel interposed between the grooved faces of the pulleys, combined with means to cause relative movement of the clutch member and continuously rotated pulley, and also to cause engagement or disengagement of the friction wheel and grooved pulley faces, to thereby rotate the loose pulley oppositely the continuously rotated pulley, or to stop the said loose pulley, as desired, substantially as described.

No. 51,213. Milk Receiver. (Récepteur à lait.)

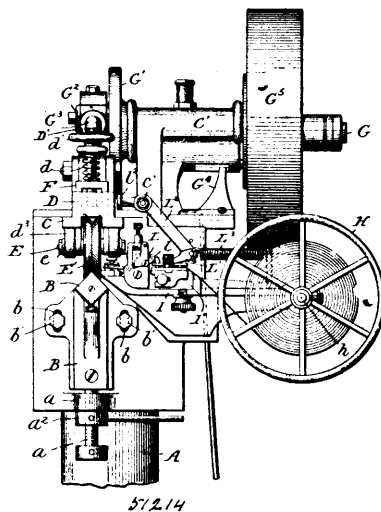


Joseph Anselme Gosselin, Drummondville, Québec, Canada, 4 février, 1896; 6 ans. (Filé le 31 décembre, 1895.)

Résumé.—Un récepteur à lait A, pourvu d'un fond de forme conique B, d'un anneau métallique D, d'une trappe E, (articulée sur le

dit anneau au moyen d'une penture F) et du dallot J, le tout tel que décrit et pour les fins indiquées.

No. 51,214. Machine for Applying Adhesive Strips to Boxes and other Articles. (Machine pour appliquer des bandes adhésives aux boîtes et autres objets.)



Horace Inman and Harry Ansel Inman, both of Amsterdam, New York, U.S.A., 4th February, 1896; 6 years. (Filed 25th, January, 1896.)

Claim.—1st. In a machine for applying adhesive strips to boxes and other articles, the combination of a support for the box or other article, a head to reciprocate in a direction substantially parallel with the surface of the box or other article and a roller carried by said head and having its working face conformed to the surface of the box or other article to be operated upon and arranged to lay the adhesive strip upon said box or other article and to roll over the same, substantially as shown and described. 2nd. In a machine for applying adhesive strips to boxes and other articles, the combination of a support for the box or other article, a head to reciprocate in a direction substantially parallel with the surface of the box or other article, means to feed forward an adhesive strip over the box or other article, and a roller carried by said head and having its working face conformed to the surface of the box or other article to be operated upon and arranged to lay the adhesive strip upon said box or other article and to roll over the same, substantially as shown and described. 3rd. In a machine for applying adhesive strips to boxes and other articles, the combination of a support for the box or other article, a head reciprocating in a direction substantially parallel with the surface of the box or other article, a vertically movable yoke carried by said head, and a roller carried by said yoke and having its working face conformed to the surface of said box or other article to be operated upon and arranged to lay the adhesive strip upon said box or other article and to roll over the same, substantially as shown and described. 4th. In a machine for applying adhesive strips to boxes and other articles, the combination of a support for the box or other article, a head reciprocating in a direction substantially parallel with the surface of the box or other article, a vertically movable yoke carried by said head, a spring arranged to press said yoke yieldingly toward said support, and a roller carried by said yoke and having its working face conformed to the surface of said box or other article to be operated upon and arranged to lay the adhesive strip upon said box or other article and to roll over the same, substantially as shown and described. 5th. In a machine for applying adhesive strips to boxes and other articles, the combination of a support for the box or other article, a head reciprocating in a direction substantially parallel with the surface of the box or other article, a roller carried by said head and having its working face conformed to the surface of said box or other article to be operated upon and arranged to lay the adhesive strip upon said box or other article and to roll over the same, a feed roll to feed the adhesive strip forward, a cam carried by said reciprocating head, and intermediate connections whereby the movement of said cam with said head is caused to effect a forward rotation of said feed roll, substantially as shown and described. 6th. In a machine for applying adhesive strip to boxes and other articles, the combination of a support for the box or other article, a head reciprocating in a direction substantially parallel with the surface of the box or other article, a roller carried by said head and having its working face conformed to the surface of said box or other