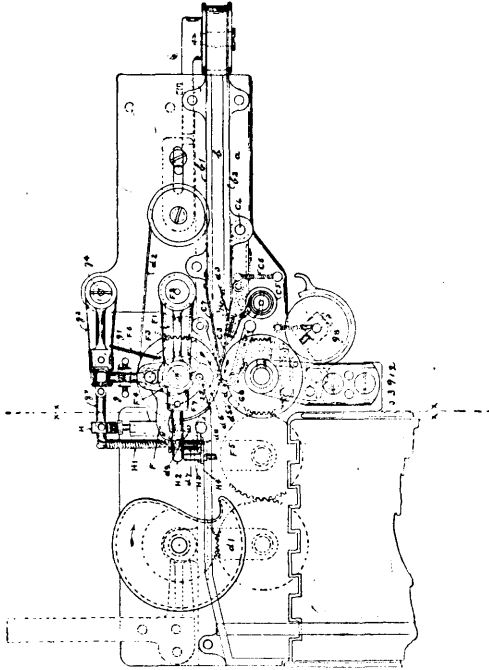


spring roller D, the back curtain C, the knobs J, adapted to engage with eyelets in the bottom of the curtain, the light metal bar I, the back valance G, side rail B, foot K, and seat iron L, substantially as and for the purpose specified. 6th. In a caleche top, the back bow and a spring roller and back curtain supported thereby, in combination with back stays and a bar or support for the upper ends of the back stays so that the back curtains will be drawn out to overlap them, substantially as and for the purpose specified. 7th. In a caleche top, the back bow and a spring roller and back curtain supported thereby, in combination with back stays and a bar or support for the upper ends of the back stays which are notched and connected partly to the said bar or support, and partly to the back bow, so that the back curtain may be drawn out to overlap said back stays, substantially as and for the purpose specified.

No. 53,912. Mail Marking Machine.

(*Machine à marquer la malle.*)



Agnes D. Carroll, Montreal, Quebec, Canada, assignee of Martin Van Buren Ethridge, Everett, Massachusetts, U.S.A., and J. Brooks Young, Montreal, Quebec, Canada, 28th October, 1896; 6 years. (Filed 12th May, 1896.)

Claim.—1st. In a mail marking machine, a letter-retaining and automatic-releasing timing clamp, and means for operating said clamp, substantially as shown and described. 2nd. In a mail marking machine, the combination of a hopper, a carrying belt therein, a letter-retaining and automatic-releasing timing clamp, and means for operating said clamp, a timing stop located at or past

the centre of the printing cylinder and impression cylinder, a continuously-rotating printing cylinder having a portion of its periphery cut away in advance of the cancelling marker and impression cylinder. 3rd. In a mail marking machine, the combination of a hopper, a horizontal and vertical carrying belt therein, a letter-retaining and automatic-releasing timing clamp, and means for operating said clamp, a roll for clamping the letter on to the vertical carrier, a printing cylinder and impression cylinder and timing stop located at or past the centre of the printing cylinder and impression cylinder. 4th. In a mail marking machine, the combination of a hopper, a carrying belt therein, a letter-retaining and automatic-releasing timing clamp, and means for operating said clamp, a letter trip and post flexibly connected to allow the trip to vibrate when the post is rigid or locked, a printing cylinder, and impression cylinder. 5th. In a mail marking machine, the combination of a hopper, a carrying belt therein, a letter-retaining and automatic-releasing timing clamp, and means for operating said clamp, a printing cylinder, and impression cylinder which moves to and from the printing cylinder by a walking beam pivoted off its centre and tipped by a cam rotated by the impression cylinder shaft. 6th. In a mail marking machine, the combination of a hopper, a conveying belt therein, a letter-retaining and automatic-releasing timing clamp, and means for operating said clamp, a printing cylinder having within its periphery and tread a locking device for holding a printing die and type, a spring to throw the die out when unlocked, a timing stop located at or past the centre of the printing cylinder and impression cylinder, a packing device. 7th. In a mail marking machine, the combination of a hopper, a horizontal and vertical carrying belt therein, a letter-retaining and automatic-releasing timing clamp, and means for operating said clamp, means for yieldingly pressing the letter against the vertical belt, a printing cylinder and impression cylinder, and timing stop located at or past the centre of the printing cylinder and impression cylinder. 8th. In a mail marking machine, the combination of a hopper, a horizontal and vertical carrying belt therein, a letter-retaining and automatic-releasing timing clamp and means for operating said clamp, means for yieldingly pressing the letter on to the vertical carrying belt, a printing cylinder and impression cylinder, and timing stop located at or past the centre of the printing cylinder and impression cylinder, a continuously-rotating printing cylinder having a portion of its periphery cut away in advance of the cancelling marker. 9th. In a mail marking machine, the combination of a hopper, a carrying belt therein, a letter-retaining and automatic-releasing timing clamp, and means for operating said clamp, an arm having one end pivoted flexibly to the hopper and the other end slotted and extending into a recess above the cylinder which carries a printing die; the slotted end of said arm moves past the letter trip when no letter is between said arm and letter trip, when a letter is between them the letter trip is depressed by the movement of said arm, said recess is formed either by a groove or disc pinned to the said cylinder shaft; an impression cylinder carrying a belt, a recess above said cylinder and belt formed either by a groove or separate disc pinned to the said impression cylinder shaft.