upporting wheels having pivotal connections with the frame, and means for connecting them together intermediate of their pivotal connections, substantially as described, whereby the main frame is caused to have a lateral motion relative to the ground actuated by wheels in turning the machine. 2nd. The combination of the main couter ends, and having pivotal connections with the main frame at points between the wheels and its point of division, and means for causing the parts of the frame to be actuated one by the other in the stribed. 3rd. The combination of the binder-frame, a main supporting, wheel arranged in rear thereof and having a pivotal connections therein the frame of the stribed. 3rd. The combination of the binder-frame, a main supporting, wheel arranged in rear thereof and having a pivotal connections so as to move in unison substantially as described, whereby the swinging of the tongue will cause the rear wheel to be turned at alteral motion relative to the ground, as sel forth, 4th. The combination, with the front and rear supporting wheels having the carrier and binding devices located between the same, of an end wheel located at the grain due of the stribed of the same, but the sum of the same of

mechanism trip actuated by the separating arm, substantially as and for the purpose set forth. 23rd. The combination, with the intermittently rotating pinion for imparting motion to the separator, of the bifurcated pivoted rocking arm operated by the trip arm to rock said arm, and cause it to alternately disengage and engage the clutch of the pinion to throw the same into and out of action, substantially as and for the purpose set forth. 24th. The combination of the fixed jaw, the pivoted jaw, the rod or shaft provided with the disk or head, and a revolving drive-wheel provided with cams to engage the head to reciprocate the shaft and positively open and close the jaw, substantially as described. 25th. The combination of the swinging-frame carrying the gripper, the reciprocating combined cord guide and stripper, a knife, the arm or lever for reciprocating the cord guide stripper and knife, an arm connected with the knife-arm and forming a guide for and connection between the gripper-frame, cord-guide, stripper and knife, and a revolving drive-wheel with cams for reciprocating the cord-guide, stripper and knife, the gripper and knife, and a revolving drive-wheel with cams for reciprocating the cord-guide, stripper and knife and guide, stripper, and the knotter, substantially as and for the purpose set forth. 26th. The combination of the revoluble knotter-shaft, the combined cord-guide and stripper, a knife having a fixed relation to the cord-guide and stripper, a knife having a fixed relation to the cord-guide and stripper, the cam and rack-wheel for revolving the knotter and moving the knife and guide it in one direction, and the revolving ejector-arm for reciprocating the cord-guide and knife in the opposite direction to sever the cord and strip the knot from the knotter, substantially as and for the purpose set forth. 27th. The combination of the reciprocating knife, the gripper, and means, substantially as described, for connecting sking gripper and knife as set forth, whereby the knife is reciprocating mech purpose set forth.

No. 30,918. Cigar Rolling Machine.

(Machine à enrouler les cigares.)

No. 30,918. Cigar Rolling Machine.

(Machine d enrouler les cigares.)

The Universal Cigar Rolling Company, Jersey, N.J. (assignee of Oscar Hammerstein, New York, N.Y.) U.S., 8th March, 1899; 5 years.

Claim.—1st. In a cigar rolling machine, the combination, with a point-receiving thimble, of a chamber or receptacle for containing paste or the like that is connected with said thimble for supplying paste to a cigar tip, substantially as described. 2nd. In a cigar rolling machine, the combination, with a point-receiving thimble, of a chamber for containing paste or the like, connected with said thimble, and means substantially as described for forcing paste from said chamber to the thimble in the desired quantity, as specified. 3rd. In a cigar rolling machine, the combination, with a point-receiving thimble, of a chamber for containing paste or the like, connected with said thimble, and a piston within said chamber for gradually forcing the paste from said chamber to the thimble, and the thimble, substantially as described. 4th. In a cigar rolling machine, the combination, with a point-receiving thimble, of a paste chamber connected with said thimble, a piston within said chamber for gradually forcing paste from said chamber to the thimble, and with means, substantially as described for moving said piston as specified. 5th. In a cigar rolling machine, the combination of a point-receiving thimble and a paste chamber connected with said thimble, of a piston within said chamber, a screw rod connected to said piston, a sleeve p for turning said rod, a rock-shaft connected with said paste chamber connected with said thimble, a piston within said paste chamber, a screw rod connected to said piston within said paste chamber connected with said thimble, a piston within said paste chamber connected with said piston, a sleeve p for turning said rod, a rock-shaft connected with said paste chamber on said rock-shaft, the pint receiving thimble having a passage way communicating with its inner wall, combined with rapaste cham