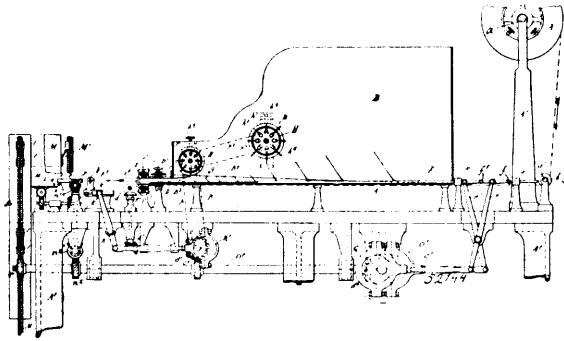
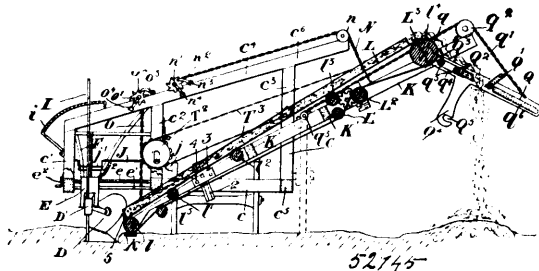


No. 52,144. Cigarette Making Machine.*(Machine à cigarettes.)*

Jules Amédée Allagnon and Gaston Jules Allagnon, both of Vitry-sur-Seine, France, 1st May, 1896; 6 years. (Filed 16th March, 1896.)

Claim.—1st. The combination, with the hopper B, of the needle forks F, F', and the regulating wheels H, H', and means for operating the same, substantially as and for the purpose set forth. 2nd. The combination, with means for supplying tobacco and a paper strip for surrounding the same, of the willing wheels and forming tubes for the formation and compression of folds upon the edges of the paper strip for the attachment of the same, in the manner described. 3rd. The combination, with means for manufacturing and feeding a roll of tobacco in a tube, of scissors for cutting same into lengths, adapted to be moved parallel and at equal velocity with the table, and means for giving reciprocating movement to the scissors, for the purpose described. 4th. The receiver M, for the cut-off cigarettes in combination with means for moving same to and fro and lowering same at each stroke, for the purpose set forth. 5th. The combination, in one machine of a plurality of working sets for the manufacture of cigarettes, means for simultaneously operating all such sets, a receiver for the cigarettes and means for laterally moving said receiver step by step for an amount equivalent to the distance separating said sets and for returning said receiver rapidly in the reverse direction and lowering same, for the purpose set forth. 6th. A cigarette of which the wrapper has two longitudinal seams or joins produced by the folding and compression of the edges of paper strips and without adhesive material.

No. 52,145. Road Grading Machine.*(Appareil de régalage des rues.)*

Alexander Barbite, Toronto, Ontario, Canada, 1st May, 1896; 6 years. (Filed 11th March, 1896.)

Claim.—1st. In a road grading machine, the combination with a wheeled carriage carrying a frame, of a plough adjustably mounted on said frame, a transverse inclined conveyor upon which the plough deposits the earth, having at its upper end with an adjustable discharge chute, substantially as described. 2nd. In a road-grading machine, the combination with a wheeled carriage carrying a frame, of a plough adjustably mounted on said frame, a transverse inclined endless conveyor adjustably secured within said frame upon which the plough deposits the earth having at its upper end with a downwardly inclined discharge chute adjustably connected to said frame and conveyor, and means for holding said chute in its adjusted position, substantially as described. 3rd. In a road-grading machine, the combination with a wheeled carriage carrying a frame, of a plough adjustably mounted on said frame, a transverse inclined conveyor upon the lower end of which the plough deposits the earth, a protecting cross-bar beneath the lower end of the conveyor and an adjustable discharge chute at the upper end of the conveyor as and for the purpose specified. 4th. In a road-grading machine, the combination with a wheeled carriage carrying a frame, of a plough adjustably mounted on said frame, a transverse inclined conveyor upon the lower end of which the plough deposits the earth, a protecting cross-bar beneath the lower end of the conveyor, a clearing scoop secured to the frame in front of the cross bar and an adjustable discharge

chute at the upper end of the conveyor, as and for the purpose specified. 5th. The combination with a wheeled carriage carrying a frame, of a plough adjustably mounted on said frame and a forked clasp which is supported on the frame and straddles the plough, as and for the purpose specified. 6th. The combination with a wheeled carriage carrying a frame, of a plough adjustably mounted on said frame, a forked clasp designed to straddle the plough-beam, a plain supporting rod and a threaded supporting rod and means for turning the latter rod to adjust the clasp laterally, as and for the purpose specified. 7th. The combination with a wheeled carriage carrying a frame, of a plough the beam of which is provided with a supplemental bar, a chain connecting the supplemental bar to a supporting spindle, which is provided with a ratchet-wheel, co-acting dog and crank handle, as and for the purpose specified. 8th. The combination with a wheeled carriage carrying a frame, of a plough adjustably mounted on the frame and provided with the usual whiffletrees, jaw and clevis and connecting link, and the co-acting curved springs secured to the frame and extending in front of the clevis, as and for the purpose specified. 9th. The combination with a wheeled carriage carrying a frame, of a plough adjustably mounted on the said frame and spring bar connected to the rear of the plough-beam and of the frame, as and for the purpose specified. 10th. The combination with a wheeled carriage carrying a frame, of a plough adjustably mounted on the said frame, and a spring bar connected to the rear of the plough-beam and of the frame and a quadrant secured in the frame and designed to hold the top of the spring bar into any position to which it may be swung, as and for the purpose specified. 11th. The combination with a wheeled carriage carrying a frame, of a plough adjustably mounted on the said frame, spring bar connected to the rear of the plough-beam and of the frame, a rod extending forwardly from the L-shaped end of the spring bar and a crank shaft provided with a crank and swinging link designed to co-act with the rod and a crank handle for turning the crank shaft, as and for the purpose specified. 12th. In a road-grading machine, the combination with a wheeled carriage carrying a frame, of a plough adjustably mounted on said frame, a transverse endless inclined conveyor supported on rollers in suitable side boards and supporting side chains extending from the side boards over supporting spindles provided with means for winding and holding the chain as and for the purpose specified. 13th. In a road-grading machine, the combination with a wheeled carriage carrying a frame, of a plough adjustably mounted on said frame, a transverse endless inclined conveyor supported on rollers in suitable side boards, means for supporting the conveyor frame, and inclined guide-ways at the sides of the main frame and pins on the side bars of the conveyor frame extending into the guide ways as and for the purpose specified. 14th. In a machine of the class described the combination with the conveyor frame and endless conveyor belt supported on suitable rollers and the rack for supporting the journals of one roller held in suitable guide-ways and co-acting pinions and dog operated as shown and for the purpose specified. 15th. In a machine of the class described the combination with a wheeled carriage carrying a frame, of a plough adjustably supported on said frame, a transverse endless conveyor supported on rollers and means connecting the rear wheel to the enlarged upper roller for driving the conveyor belt as and for the purpose specified. 16th. In a machine of the class described the combination with a wheeled carriage carrying a frame, of a plough adjustably supported on said frame, a transverse endless conveyor supported on rollers, a bevel gear-wheel secured on the inside of one rear wheel, a bevel pinion meshing therewith mounted on the end of a shaft suitably journaled in the frame, a sprocket-wheel on the end of the shaft and chain connecting such sprocket-wheel to a sprocket-wheel on the end of the spindle of the upper roller of the conveyor as and for the purpose specified. 17th. In a machine of the class described the combination with a wheeled carriage carrying a frame, of a plough adjustably supported on said frame, a transverse endless conveyor supported on rollers, a bevel gear-wheel secured on the inside of one rear wheel, a bevel pinion meshing therewith mounted on the end of a shaft suitably journaled in the frame a sprocket-wheel on the other end of the shaft and chain connecting such sprocket-wheel to a sprocket wheel on the end of the spindle of the upper roller of the conveyor, a sleeve secured on the shaft of the bevel pinion and having a pin extending outwardly therefrom and a lever having a slot fitting over the pin and designed to be operated as and for the purpose specified. 18th. In a machine of the class described the combination with the endless conveyor suitably supported, of a scraper arranged in proximity to the discharging roller as and for the purpose specified. 19th. In a machine of the class described the combination with the endless conveyor suitably supported, of a discharging chute having a discharge opening provided with a hinged cover, as and for the purpose specified. 20th. In a machine of the class described, the combination with the endless conveyor suitably supported, of a discharging chute and a supplemental endless conveyor in proximity to the discharging roller, as and for the purposes specified. 21st. In a machine of the class described, the combination with the endless conveyor suitably supported, of a discharging chute and a chain-support for such chute, as described. 22nd. In a machine of the class described, the combination, with the endless conveyor suitably supported, of a discharging chute and supplemental arms for the chute, secured at right angles thereto and supplemental braces for holding the chute in an alternate position, as and for the purpose specified. 23rd. In a machine of the class described, the