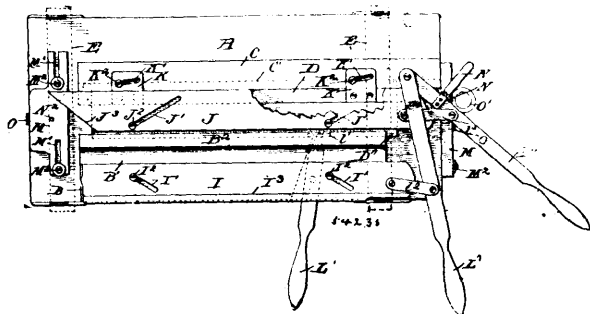


No. 54,235. Curtain Stick Forming Machine.*(Machine pour faire les bâtons de rideaux.)*

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Claim.—1st. In a machine for forming a curtain stick fastening, the combination with a bed having an inclined upper face, an adjacent depressed recess whose bottom stands in a plane parallel with said upper face, a groove adjacent the recess, and finishing mechanism co-operating with said groove, of a curtain stick adapted to fit in said recess and of slightly wedge-shaped section, a folding plate sliding on the inclined upper face of the bed and over said recess, and means for moving this plate, as and for the purpose set forth. 2nd. In a machine for forming a curtain stick fastening, the combination with a bed having an inclined upper face, an adjacent depressed recess whose bottom stands in a plane parallel with said upper face, a groove adjacent the recess, and finishing mechanism co-operating with said groove, of a curtain stick adapted to fit in said recess and of slightly wedge-shaped section, a folding plate resting on the inclined upper face of the bed with one edge adapted to stand over said recess, the body of the plate being provided with oblique slots, headed studs rising from the bed and engaging said slots, and a lever for imparting longitudinal motion to the plate, as and for the purpose set forth. 3rd. In a machine for forming a curtain stick fastening, the combination with a bed having an inclined upper face, an adjacent depressed recess whose bottom stands in a plane parallel with said upper face, a groove adjacent the recess and having a horizontal bottom, a two-part stick each of which parts is slightly wedge-shaped in section and one of which is adapted to fit in said recess, and a folding plate sliding upon the inclined upper face of the bed, of a clamp for holding the other part of the stick in said groove, and a finishing plate sliding over said clamp, as and for the purpose set forth. 4th. In a machine for forming a curtain stick fastening, the combination with a bed having an inclined upper face, an adjacent depressed recess whose bottom stands in a plane parallel with said upper face, a groove adjacent the recess and having a horizontal bottom, a two-part stick each of whose parts is slightly wedge-shaped in section and one of which is adapted to fit said recess, and a folding plate sliding upon the inclined upper face of the bed, of a clamp for holding the other part of the stick in said groove, a finishing plate sliding upon the horizontal upper face of the clamp, the body of said plate being provided with oblique slots, headed studs in the clamp engaging said slots, and a lever for imparting longitudinal motion to this plate, as and for the purpose set forth. 5th. In a machine for forming a curtain stick fastening, the combination with a bed having an inclined upper face, an adjacent depressed recess whose bottom stands in a plane parallel with said upper face, a groove adjacent the recess having a horizontal bottom, a two-part stick each of whose parts is slightly wedge-shaped in section and one of which is adapted to fit in said recess, and a folding plate sliding upon the inclined upper face of the bed, of a clamp for holding the other part of the stick in said groove, ears projecting rearwardly from said clamp and provided with oblique slots, a cleat secured to the base and over which said ears pass, headed studs in the cleat engaging said slots in the ears, and a lever for imparting longitudinal motion to the clamp, as and for the purpose set forth. 6th. In a machine for forming a curtain stick fastening, the combination with a bed having a recess and a groove, a two-part stick, one of whose parts fits the recess and both of which fit the groove, and a folding plate adapted to clamp one part in the recess, of a cleat on the base, a clamp sliding on the base toward the bed and adapted to clamp the other part of the stick in the groove, ears on the clamp moving over the cleat and provided with oblique slots, studs rising from the cleat and engaging said slots, a lever for imparting longitudinal motion to the clamp, a finishing plate sliding upon the clamp, the body of this plate having oblique slots, headed studs rising from the clamp and engaging said slots, and an independent lever for imparting longitudinal motion to this plate, as and for the purpose set forth. 7th. In a machine for forming a curtain stick fastening, the combination with a bed having a recess and a groove, a two-part stick, one of whose parts fits the recess and both of which fit the groove, and a folding plate adapted to clamp one part in the recess, of a cleat on the base, a clamp sliding on the base toward the bed and adapted to clamp the other part of the stick in the groove, a finishing plate supported by the clamp and having oblique slots in its body, headed studs rising from the clamp and engaging said slots, and a lever for imparting longitudinal motion to this plate, as and for the purpose set forth. 8th. In a machine for

forming a curtain stick fastening, the combination with a bed having a recess and a groove, a two-part stick, one of whose parts fits the recess and both of which fit the groove, and a folding plate adapted to clamp one part in the recess, of a cleat on the base, a clamp sliding on the base toward the bed and adapted to clamp the other part of the stick in the groove, ears on the clamp moving over the cleat and provided with oblique slots, studs rising from the cleat and engaging said slots, a lever for imparting longitudinal motion to the clamp, and a finishing plate sliding over the clamp, as and for the purpose set forth. 9th. In a machine for forming a curtain stick fastening, the combination with a bed having a recess and a groove, a two-part stick, one of whose parts fits the recess and both of which fit the groove, and a folding plate adapted to clamp one part in the recess, of a cleat on the base, a clamp sliding on the base toward the bed and adapted to clamp the other part of the stick in the groove, ears on the clamp moving over the cleat and provided with oblique slots, studs rising from the cleat and engaging said slots, a lever for imparting longitudinal motion to the clamp, a finishing plate sliding upon the clamp, the body of this plate having oblique slots, headed studs rising from the clamp and engaging said slots, and an independent lever for imparting longitudinal motion to this plate, as and for the purpose set forth. 10th. In a machine for forming a curtain stick fastening, the combination with a bed having a recess and a groove, a two-part stick, one of whose parts fits the recess and both of which fit the groove, and a folding plate adapted to clamp any part in the recess, of a clamp for holding the second part of the stick in said groove, and a vertically movable presser bar supported above the base and adapted to depress the sticks when in the groove, as and for the purpose set forth. 11th. In a machine for forming a curtain stick fastening, the combination with a bed having a recess in its upper face, a wedge-shaped stick adapted to fit said recess, and a plate sliding upon the upper face of the bed and over the recess and adapted to clamp the stick therein, of a presser-bar movable above the bed and adapted to bear vertically on the portion of the stick not engaged by the plate, as and for the purpose set forth. 12th. In a machine for forming a curtain stick fastening, the combination with a bed having a recess and a groove, a folding plate, a clamp, and a finishing plate, all mounted on a base, of standards supported above the base at right angles to the above members, a bar sliding in said standards transversely over the base, a pressure-bar, links pivotally connecting the presser-bar with the sliding bar, and a lever connected with the presser-bar for depressing it when desired, as and for the purpose set forth. 13th. In a machine for forming a curtain stick fastening, the combination with a bed having a recess and a groove, a folding plate, a clamp, and a finishing plate, all mounted on a base, of standards supported above the base at right angles to the above members, a bar sliding in said standards transversely over the base, a presser-bar supported by the sliding bar, means for depressing the presser-bar at will, and catches carried by the standards and adapted to check the forward movement of the presser-bar at a point over said groove, as and for the purpose set forth. 14th. In a machine for forming a curtain stick fastening, the combination with a bed having a recess and a groove, a folding plate, a clamp, and a finishing plate, all mounted on a base, of standards supported above the base at right angles to the above members and having grooves in their inner faces, a bar having feet sliding in said grooves, a presser-bar supported by the sliding bar, and means for depressing the presser-bar at will, the presser bar standing above the recess when said feet rest in the front ends of said grooves, as and for the purpose set forth. 15th. In a machine for forming a curtain stick fastening, the combination with a bed having a recess and a groove, a folding plate, a clamp, and a finishing plate, all mounted on a base, of standards supported above the base at right angles to the above members and having grooves in their inner faces, a bar having feet sliding in said grooves, a presser-bar supported by the sliding bar, means for depressing the presser-bar at will, the latter standing above said recess when said feet rest in the front ends of said grooves, and catches pivoted to the standards and having hooked front ends adapted when depressed to check the sliding bar at a point to hold the presser-bar above said groove, as and for the purpose set forth. 16th. In a machine for forming a curtain stick fastening, the combination with a base, a bed, a clamp, a finishing plate having oblique slots in its body, headed studs on the clamp engaging said slots, a lever connected with one end of the plate for moving it longitudinally, its opposite end being bevelled, and an arm projecting from said lever, of cord-carriers mounted on the base near its ends and movable transversely thereover, and studs rising from said cord-carriers, one of which studs contacts with the bevelled end of the plate and the other of which is moved by said arm, as and for the purpose set forth. 17th. In a machine for forming a curtain stick fastening, the combination with a base, a bed, a clamp, a finishing plate moving longitudinally over said clamp and having one end bevelled, and a lever connected to the other end of said plate and having a projecting arm, of cord-carriers mounted on the base near the ends thereof for transverse movement thereover, each carrier having a slotted body, studs in the base over which the slots slide, and studs rising from the carriers, one of which engages said bevelled end of the plate and the other of which is moved by said arm, as and for the purpose set forth. 18th. In a machine for forming a curtain stick fastening, the combination with a base, a bed and clamp supported longitudinally thereof, of cord-carriers mounted on the base at the ends