

# The Canadian Patent Office

## RECORD

Vol. XIX.—No. 5.

MAY, 1891.

{ Price in Canada \$2.50 per An.  
United States - \$2.50 "

### INVENTIONS PATENTED.

NOTE.—Patents are granted for 15 years. The term of years for which the fee has been paid, is given after the date of the patent.

#### No. 36,502. Steam Syphon. (*Siphon à vapeur.*)

Charles Ashley Merriam, Belleville, Ontario, Canada, 1st May, 1891; 5 years.

*Claim.*—A steam syphon for feeding air and steam to furnaces, consisting of a uniformly tapering discharge section *a*, a uniformly tapering inlet section *b*, both sections connected at the smaller ends, the inlet section closed by a head *h*, at the larger end, an air inlet section *c*, connecting by an elbow *c'*, with said section *b*, near the said head, and provided with a door *d*, at the open end, and a steam pipe *e*, passing through said head and terminating between the air inlet elbow *c'*, and the smaller end of said section *b*, as set forth.

#### No. 36,503. Machine for Ornamenting Wood, etc. (*Machine à orner le bois, etc.*)

Henry Seibert, Brooklyn, New York (assignee of Edward W. Leigh, Chicago, Illinois), U.S.A., 1st May, 1891; 15 years.

*Claim.*—1st. In a wood ornamenting machine, the combination of a table A, provided at one end with standards B, B, a die-supporting arm C, connected at one end with said standards and vertically adjustable thereon, a die Y, revolvably supported by said arm, a feed roll G, revolvably supported below said die, and means for operating said feed roll, substantially as shown and described. 2nd. In a wood ornamenting machine, the combination of a table A, provided with standards B, B, at one end thereof, a die-supporting arm C, having downwardly projecting portions D, Q, at each end thereof, connected with said standards and adjustable thereon by means of a screw I, which passes through one end of said arm, a revolvable die Y, mounted on a shaft E, having bearings in said downwardly projecting portions of said arm, a feed roll G, mounted in the top of the table below the die, and means for operating the feed roll, substantially as shown and described. 3rd. The combination, in a wood ornamenting machine, of a supporting table A, having standards B, B, at one end thereof, a vertically adjustable die-supporting arm C, connected at one end with said standards and having downwardly projecting portions D, Q, at each end thereof, a die Y, mounted upon a shaft E, having bearings in said downwardly projecting portions, a feed roll G, mounted in the top of said table in line with the die supports, and means for operating said feed roll, substantially as shown and described. 4th. In a wood ornamenting machine, the combination of the table or support A, the standards B, B, connected therewith at one end thereof, a die support C, provided with downwardly projecting portions D, Q, one of which is adjustably connected with said standards, and a die Y, mounted on a shaft E, having bearings in the downwardly projecting portions of the die support, substantially as shown and described. 5th. In a machine for ornamenting wood, the combination of a support A, provided with standards B, B, at one end thereof, having grooves on their inner sides, the die support C, having the depending portions D, Q, one of which is provided with ribs K, K, adapted to enter said grooves, the die Y, mounted on the shaft E, the table D, the feed roll G, the top of which extends slightly above the table, and means for operating the feed roll, substantially as shown and described. 6th. In machines for ornamenting wood, the arm C, provided with a depending guide Q, carrying the ribs K, K, and the depending portion D, and each depending portion provided with a bearing for the shaft E, and the die Y, thereon, in combination with the support A, and standards B, B, at the sides of the guide portion Q, with grooves therein to engage the ribs K, K, the table D, the roller G, projecting through it, the screw I, gears b, c, and lever F, as and for the purpose specified.

#### No. 36,504. Cylinder and Die for Ornamenting Wood, etc. (*Cylindre et coussinet pour orner le bois, etc.*)

Henry Seibert, Brooklyn, New York (assignee of Edward W. Leigh, Chicago, Illinois), U.S.A., 1st May, 1891; 15 years.

*Claim.*—1st. In a machine for ornamenting wood, a cylinder or die support consisting of a series of parts G, H, A, securely fastened together and adapted to turn as one cylinder upon a common shaft F, a circumferential groove E, at the junction of the parts, and a die B, provided with a flange or rib *f*, on its under surface, adapted to enter said groove, the die being placed in position before the parts of the cylinder are united, substantially as shown and described. 2nd. In a machine for ornamenting wood, a cylinder or die support consisting of a series of parts G, H, A, securely fastened together and adapted to turn as one cylinder upon a common shaft F, a circumferential groove E, at the junction of the parts, and a die B, provided with a flange or rib *f*, on its under surface adapted to enter said groove, substantially as shown and described. 3rd. In a machine for ornamenting wood, a cylinder or die support consisting of two parts G, H, A, securely fastened together, the cylinder being provided with a circumferential groove E, at the junction of the parts, in combination with a die B, having a rib or projections *f*, on its inner or concave surface adapted to enter said groove, substantially as shown and described. 4th. In a machine for ornamenting wood, a two-part cylinder G, H, A, provided with a circumferential groove E, at the junction of the parts, in combination with die B, of greater length than half the circumference of the cylinder and having a rib or projections *f*, on its inner surface adapted to enter said groove, the parts of the cylinder being securely fastened together, substantially as shown and described. 5th. In a machine for ornamenting wood, a two-part cylinder or die support G, A, one part of which is provided with a hub H, on which is placed the other part, a groove E, surrounding the cylinder at the junction of the parts, and a die B, provided with a rib or projections *f*, on its under surface adapted to enter said groove, substantially as shown and described. 6th. In mechanism for ornamenting wood, the two-part cylinder G, A, provided with an annular groove E, between said parts, in combination with the die B, removably secured thereto, and a groove E, engaging the sectional ribs *f, f*, of the die, as and for the purpose specified. 7th. In mechanism for ornamenting wood, a two-part cylinder consisting of the part G, provided with the hub H, and the part A, placed on said hub, and the part G, with its hub H, provided with a continuous bearing for the supporting shaft F, and the periphery of the cylinder provided with an annular groove E, between said parts, in combination with a segment die B, provided with a rib *f*, engaging said groove and fastened at one end to the two-part cylinder, as specified and shown.

#### No. 36,505. Bottle for Medicine.

(*Bouteille à médecine.*)

Joseph Adelard Trotter, Valleyfield, Quebec, Canada, 1st May, 1891; 5 years.

*Claim.*—1st. A bottle for poisons and the like, having an open bottomed chamber constructed in its lower part, this chamber containing a gong and suitable striking mechanism, the said striking mechanism operated by a weight falling through the open bottom of the said chamber, substantially as set forth. 2nd. A bottle for poisons and the like, having an open bottomed chamber containing a gong and suitable striking mechanism, the said striking mechanism operated by a weighted cord or band passing over a drum, and means for winding automatically the said cord on the said drum when the strain of the weight is taken off the said cord, substantially as set forth. 3rd. In a bottle for poisons and the like, the combination, with the bottle A, and open bottomed chamber B, of the framework D, secured by the arms C, the gong E secured to the said framework, the hammer F, the escapement G, H, operated by the gear wheel I, J, the said gear wheel J, connected to the shaft K, by the pawl and ratchet L, M, the drum N, operated by the weighted band O, the band P, and the spring S, substantially as set forth. 4th. In a bottle for poisons and the like, the combination, with a bottle having an open bottomed chamber containing a gong operated by suitable mechanism set in motion by a weighted band of the spring S, substantially as set forth.