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## RECORD




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### INVENTIONS PATENTED.

No. 4511. FRANCIS G. WHITE, Ottawa, Ont., 19th March, 1875, for 5 years: "Manufacture of Artificial Honey." (Fabrication de miel factice.)

*Claim.*—In the manufacture of artificial honey, the compounding of alum, oil of rose, alcohol and sugar with water.

No. 4512. JAMES M. MEHARG, Montreal, Que., 19th March, 1875, for 5 years: "Improvements on Stop-valves." (Perfectionnements aux soupapes d'arrêt.)

*Claim.*—The wedge shaped valve C, in combination with the stem B, seat d, and inclines e, e, in the case A.

No. 4513. LABAN HEATH, Boston, Mass., U. S., 19th March, 1875, for 5 years: "Improvements on Shoes." (Perfectionnements aux souliers.)

*Claim.*—1st. A shoe having the quarters A, cut in one piece and moulded or crimped to fit the shape of the foot, and form the shank m; 2nd. A shoe having the quarters A, cut in one piece and moulded or crimped to fit the shape of the foot and form the shank m, and provided with the metallic shank-piece C.

No. 4514. THOMAS B. COURSEY, Spring Mills, Del., U. S., 19th March, 1875, for 5 years: "Improvements on Water Wheels." (Perfectionnements aux roues hydrauliques.)

*Claim.*—The wheel formed of the plate B, and hub or plate D, having secured thereon, the buckets E, and provided with the lips e, arranged to hold the water near the outer edge of the buckets and discharge it rearward.

No. 4515. WILLIAM C. NORTH, Cleveland, Ohio, U. S., 20th March, 1875, for 5 years: "Ventilating Faucet." (Robinet-ventilateur.)

*Claim.*—1st. The extension piece D, provided with a cleft or notch a, in combination with the stem A, of the faucet; 2nd. The rubber tube N, float o, in combination with the air tube E; 3rd. The rubber tube N, float o, and air tube E, in combination with the neck G, core b, having passage ways c, c, valve A, piston I, valve M, and cylinder H; 4th. The key U, provided with a vent or hold f, in combination with the chamber B, provided with a vent or hole ft.

No. 4516. JACOB BLOW, Bowmanville, Ont., 20th March, 1875, for 5 years: "Fire Kindler." (Allumeur de feu.)

*Claim.*—A compound of common rosin, tallow, and saw-dust.

No. 4517. WILLIAM WALKER, Montreal, Que., 25th March, 1875, for 5 years: "Tubular Lantern." (Lanterne tubulaire.)

*Claim.*—In a tubular lantern the combination of the cone F, and flange G, with the tube E, E.

No. 4518. BENJAMIN P. AYLSWORTH, Picton, Ont., 20th March, 1875, for 5 years: "Buggy-body." (Caisse de voiture.)

*Claim.*—The octagon-buggy-body, and the dove-tail corner piece.

No. 4519. BENJAMIN F. STURTEVANT, Boston, Mass., U. S., 20th March, 1875, for 5 years: "Machine for Compressing Peg-ribbon." (Machine à comprimer le bois à cheville.)

*Claim.*—1st. The combination with the compressors for compressing ribbon peg-wood or a peg strip of heating mechanism; 2nd. The combination of compressors for compressing peg-wood heating mechanism for heating such compressors and mechanism for presenting the material to such compressing mechanism; 3rd. The combination with compressors for consolidating peg-wood of rotary presenting mechanism for presenting such peg-wood to the jaws; 4th. The combination with compressors for consolidating peg-wood of mechanism to take the peg-strip from the compressors; 5th. The combination with compressors for consolidating peg-strips of mechanism to present the strip to and take it from the compressors; 6th. The feeding rollers to present the peg-strip to the compressors when provided with flanges to receive and guide such strips; 7th. A compressor for consolidating the peg-strip when provided with a ledge or flange to sustain the edge of the strip that forms the heads of the pegs; 8th. A compressor for consolidating peg-wood strip or ribbon peg-wood, having combined therewith ledges for guiding the strip at each edge; 9th. The combination with compressors for consolidating peg-wood of mechanism for moving the peg-strip and for winding it; 10th. The compressors for consolidating the peg-strip, having their faces inclined with reference to each other in the direction of their length; 11th. The compressor for consolidating the peg-strip or ribbon having their faces inclined with reference to their length, and bevelled and provided with ledges, as described; 12th. The combination with compressors for compressing the peg-ribbon by means as described, for heating the strip.

No. 4520. BENJAMIN F. STURTEVANT, Boston, Mass., U. S., 20th March, 1875, for 5 years: "Fastenings for Boots and Shoes." (Cheville de chaussures.)

*Claim.*—1st. A wooden peg having its point formed by compression; 2nd. A wooden peg-strip or ribbon, having its point forming edge compressed; 3rd. A peg-ribbon or peg-blank having its head or the edge which is to meet the peg-driver hardened or consolidated; 4th. A peg-ribbon or peg-blank condensed and hardened throughout.