

# The Canadian Patent Office

## RECORD

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### INVENTIONS PATENTED.

#### No. 5719. Valve Indicator.

(Indicateur de soupape.)

John S. Wallace, Brettlund, Ohio, U. S., 21st February, 1876, for 5 years.

Claim.—The combination of the sliding rod A, pointer D, and indicator scale C, with a slide valve.

#### No. 5720. Machine for Stretching and tacking Carpets. (Machine à étendre et clouer les tapis.)

James W. Bradshaw and James A. Carnrike, Trenton, Ont., 21st February, 1876, for 5 years.

Claim.—The combination of the foot A, teeth B, handle C, tack tube D, spring tube E, hammer E, spring G, cord H, pulleys J, and J', hopper K, and india rubber band L.

#### No. 5721. Improvement in Harrows.

(Perfectionnement des herses.)

Addison H. Whiteside and Milton S. Whiteside, Onarga, Ill., U. S., 21st February, 1876, for 5 years.

Claim.—1st. A harrow tooth connected to the beam by a right angled arm at the upper end fitted in a hole oblique to the cross section of the beam; 2nd. The combination of the staple C, having the outward swell and rearward extension, with a harrow tooth connected with the beam by a right angled arm of the upper end in a hole oblique to the cross section.

#### No. 5722. Seed and Plaster Sower.

(Semoir à grain et à plâtre.)

James W. Gamble, Aylmer, Ont., 21st February, 1876, for 5 years.

Claim.—1st. The arrangement of lugs C, axle A, and seed box B, as a mode of attaching the seed box; 2nd. The shaker D, in combination with the seed box B; 3rd. In combination with the shaker D, the seed box B, the operating devices consisting of pitman rod K, crank J, shaft H, bevel wheel and pinion E, G, and traction wheel F; 4th. In combination with the seed box B, the frame M, roller N, chains Q, ratchet O, lever P, seat T, and chains S.

#### No. 5723. Improvements on Plough-clevises.

(Perfectionnements aux volées de charrues.)

John G. Miller, Fredericksburg, Va., U. S., 21st February, 1876, for 5 years.

Claim.—The combination of the adjustable notched clevis E, the adjustable tree clevis F, and the rod H, with each other, and with the beam and handles of a plough.

#### No. 5724. Shirt-front Board.

(Planche à devant de chemise.)

Henry Woodward, Toronto, Ont., 21st February, 1876, for 5 years.

Claim.—1st. The bosom board A, with neck B; 2nd. The binder frame C, C, with pins D, D, and springs d, d, for pressing upon the adjusting bar E; 3rd. The combination of the bosom board A, with binder frame C, C.

#### No. 5725. Improvements on Condensers and Heaters for Steam Engines.

(Perfectionnements aux condensateurs et aux bouilleurs des machines à vapeur.)

Franklin D. Cummer, Detroit, Mich., U. S., 21st February, 1876, for 5 years.

Claim.—1st. In a jet condenser the perforated saddle or its equivalent sliding upon or within the perforated injection pipe; 2nd. The valve P, in the perforated injection pipe E; 3rd. In a jet condenser and pump, the suction main B, extended to form a junction with the exhaust water pipe I, and the combination therewith of the stop valves C, and J; 4th. The combination with a jet condenser the feed water heater M, provided with the inclined diaphragm O, perforated injection pipe N, and eduction pipe N; 5th. The enlargement or pocket d, in the top of the feed water eduction pipe N, communicating with the interior of the heater M, through one or more orifices e; 6th. In combination with a condenser, a pump having the lower end of its discharge pipe submerged.

#### No. 5726. Cheese-safe. (Garde-fromage.)

Frank Northrup and Robert A. Little, Detroit, Mich., U. S., 21st February, 1876, for 5 years.

Claim.—The rectangular cheese-safe with a folding door, the combination therewith of the turn-table C, pivoted therein.

#### No. 5727. Manufacture of Plumbers' Traps.

(Fabrication des outils de plombiers.)

Charles S. Watson and James Rose, Montreal, Que., 21st February, 1876, for 5 years.

Claim.—1st. The novel manufacture of plumbers traps in casting the part a, with the bridge di, in one and the same piece therewith; 2nd. The novel manufacture of plumbers traps in casting them in two agreeing parts a, a, and b, and uniting them; 3rd. The novel manufacture of plumbers traps in casting them in two agreeing parts a, and b, and uniting them; 4th. The manufacture of plumbers traps the part a, arranged to agree with another part a, the two being united forming an S, trap and further arranged to agree with a part b, whereby the same part a, with the part b, united forms a P trap.

#### No. 5728. Improvements on Bedsteads for Invalids.

(Perfectionnements aux couchettes de malades.)

Edward S. Piper, Toronto, Ont., 21st February, 1876, for 5 years.

Claim.—The movable bracket C, in combination with a socket B, (attached to bedstead A), and tray E, and stand F, exchangeable for each other.

#### No. 5729. Burglar-alarm. (Alarme-voleur.)

Carmi H. Williams, Chicago, Ill., U. S., and Henry C. Voigt, Kingston, Ont., 21st February, 1876, for 5 years.

Claim.—1st. The folding tooth n, and spring j; 2nd. The combination of the lever l, provided with the lip k, and the tooth n, provided with a projection for starting or opening the tooth; 3rd. The folding tooth n, and spring j, in combination with the lever l, and inclined pin m, and the case A, B, C.

#### No. 5730. Hot Air Furnace.

(Calorifère à air chaud.)

Adam Laidlaw, Hamilton, Ont., 21st February, 1876, for 5 years.

Claim.—1st. The recess E, in the front of the fire pot D, in connection with the grate H, the covering teeth M, and the sloping top of the ash pit O; 2nd. The covering teeth M, in connection with the grate H, the recess or opening E, and the sloping top of ash pit O.