

# The Canadian Patent Office

## RECORD

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### 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. 36,687. Artificial Fuel.

(Combustible artificiel.)

Louis Michael Heinig, assignee of Emile Karl Baoyerlin, Louisville, Kentucky, U. S. A., 1st June, 1891; 5 years.

Claim.—The composition of matter described, consisting of coal, wood-charcoal, carbonate of soda, saltpetre, nitric acid, chlorate of potash, black oxide of manganese, permanganate of potash, and borax, retained, covered by a suitable binding material, treated and combined, substantially as set forth and for the purpose specified.

#### No. 36,688. Inhaler. (Inhalateur.)

Henry Thomas Welch and August W. R. Borr, both of San José, Cal., U. S. A., 1st June, 1891; 5 years.

Claim.—1st. An inhaler for horses, consisting of a hollow medicine receptacle having top perforations and bent to fit the upper lip of the horse below the nostrils, substantially as herein described. 2nd. An inhaler for horses, consisting of the hollow medicine receptacle having screw capped ends and top perforations, and suitable straps to hold said receptacle in place under the nostrils of the horse, substantially as herein described. 3rd. An inhaler for horses, consisting of the curved hollow medicine receptacle having the top perforations, the cross strip connected with said receptacle, and the front strap connected with said receptacle, and with the cross strap, substantially as herein described. 4th. An inhaler for horses consisting of the curved hollow receptacle having top perforations, the cross and front straps for suspending the receptacle in place and the side straps for connecting it with the head gear of the horse, substantially as herein described.

#### No. 36,689. Magneto Telephone.

(Magnéto-téléphone.)

Elias Mushback Greene, assignee of Noel Becar Ginochio, both of New York, State of New York. U. S. A., 1st June, 1891; 5 years.

Claim.—1st. A magneto telephone in which a plurality of permanent magnets have their common poles of one name connected to the diaphragm, and their common poles of the other name connected to a core arranged opposite the centre of the diaphragm, substantially as described. 2nd. A magneto telephone in which a plurality of permanent magnets have their common poles of one name connected to a ring supporting the diaphragm of magnetic material, and their common poles of the other name connected to a plate supporting a common core opposite the centre of the diaphragm, substantially as described. 3rd. In a magneto telephone, the combination with the permanent magnets, a ring of magnetic material joining all the poles of one name and supporting the diaphragm, and a plate of magnetic material joining all the poles of the opposite name and supporting a core of five wires opposite the centre of the diaphragm, substantially as described. 4th. In a magneto telephone, the combination with the permanent magnets, of a plate connecting all the poles of one name, a flange on said plate, a core of five wires supported in said flange, a ring of magnetic material connecting the poles of the opposite name, and a diaphragm supported on said ring, substantially as described. 5th. In a magneto telephone, the compound electro magnet consisting of a central core, yoke pieces connected to said core and supporting the independent cores, and helices surrounding said independent cores, the connected poles being all of the same polarity, substantially as described. 6th. In a magneto telephone, the combination of a plurality of permanent magnets, a soft iron core common to all the magnets, yoke pieces connected to said core and supporting independent cores, and helices connected in series in the line surrounding said independent cores, substantially as described.

#### No. 36,690. Bolt and Fastening. (Arrête-écrou.)

Edwin Albert Selwyn, assignee of Cyrus H. McCargar, both of Ottawa, Ontario, Canada, 1st June, 1891; 5 years.

Claim.—1st. A bolt-head constructed substantially as hereinbefore shown and described, and as and for the purposes set forth. 2nd. The combination with the parts or numbers A, B, C, of the parts D, d, and e, substantially as and for the purposes set forth.

#### No. 36,691. Motor for Sewing Machines.

(Moteur pour machines à coudre.)

Francis L. Clark, John R. Cave and James M. Stewart, all of Hicks City, Missouri, U. S. A., 1st June, 1891; 5 years.

Claim.—The combination, with a fly-wheel, a shaft for the same, and a collar arranged at one side of the wheel and concentric with the shaft, of a pair of clutch levers, one of which is extended at one side of its pivot and both of which are loosely mounted on the shaft, a connecting rod pivoted to the extension of one of said levers and means for operating the rod, a shorter connecting rod pivoted to the connection lever and hinged to the first mentioned rod, and a stop or buffer arranged at the upper end of the first mentioned connecting rod and adapted for contact with the opposite roll, thereby limiting the separation of the clutch levers, substantially as specified.

#### No. 36,692. Suspender. (Bretelle)

Henri Beaudry, Montreal, Quebec, Canada, 1st June, 1891; 5 years.

Claim.—As a new article of manufacture, a suspender end or button hole formed of braid, cord or other material threaded.

#### No. 36,693. File Board. (Serre-papier.)

Frederick Roger, Ottawa, Ontario, Canada, 1st June, 1891; 5 years.

Claim.—1st. A file or pamphlet holder having a hinge on its left hand side, as shown or across the head of board A. 2nd. A file or pamphlet holder comprising a base or under board B, and a cover or top board A, having a hinge C, and attached with a fastener or lacing cord, as shown and described. 3rd. A file or pamphlet holder, comprising a base or under board B, and cover or top board A, having a hinge C, protected corners, and attached together by a fastener or lacing cord, as shown and described.

#### No. 36,694. Tooth Brush. (Brosse à dents.)

Rosario Roy, Richmond, Virginia, U. S. A., 1st June, 1891; 5 years.

Claim.—1st. The combination of a tooth brush, in cylindrical form mounted on a shaft provided with a pinion and journaled in bearings, of a frame having a fixed handle portion, a movable handle portion attached at its outer end to the outer end of the fixed portion of the handle by a joint permitting oscillating motion, and a segmental toothed rack fitted to slide in the frame to engage the aforesaid pinion and connected with the free end of the movable portion of the handle, substantially as described. 2nd. The combination of a handle 9, having the slideway 10, and the bearing 8, the segmental rack 11, fitted to the said slideway, the pinion 12, provided with a shaft 13, journaled in the bearing 8, to engage the rack 11, a rotatory brush 5, connected with the said shaft, and a handle portion 14, connected at its outer end with a handle 9, by a spring 15, and connected at its inner end with the said rack 11, a shaft journaled therein, means for rotating the shaft, a shield connected with the handle, a socket-bearing in the outer end of the said shield, a spring impelling the socket-bearing inward, and a cylindrical brush provided with a shaft adapted to be journaled at one end in the said socket and having a removable socket connection at its other end with the aforesaid pinion shaft, substantially as described.