

# The Canadian Patent Office RECORD



Vol. XIX.—No. 7.

JULY, 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. 36,913. Method of Manufacturing Coke.

(*Mode de fabrication du coke.*)

Frederick Josiah Jones, Bedford, County of Bedford, England, 2nd July, 1891; 5 years.

*Claim.*—The herein described process of making hard or foundry coke by the passage, transversely through the charge of coal to be coked, of hot gaseous products of combustion, whereby the hot gases are brought into direct contact with the charge and the volatilizable products distilled off are carried away as they are generated, as specified.

### No. 36,914. Sweat Pad.

(*Coussinet absorbant la sueur.*)

Otto Hubner and Arthur Hubner, both of Breslau, Prussia, 2nd July, 1891; 5 years.

*Claim.*—A lining for hats, caps, and other head coverings for preventing the passage of perspiration to the exterior surface of the hat, consisting of a metallic band *b*, arranged as described, by which the inner lining is held, said band *b* being secured to the material of the hat, substantially as described.

### No. 36,915. Support for Shelves.

(*Support pour rayons.*)

Otto Frederick Wegener, Seattle, Washington, U.S.A., 2nd July, 1891; 5 years.

*Claim.*—1st. The improved shelf-support herein described, comprising the main frame and the brackets, arranged one above the other and formed from strips of metal bent to form the horizontal portions or seats *D*, the braces *F*, and the upright or connecting portions *G*, such portions *G*, being lapped against and secured to the main frame, substantially as set forth. 2nd. As an improved article of manufacture, the shelf-support herein described, consisting of the main frame having standards and cross or connecting bars and diagonal braces and the brackets, bent from strips of metal to form the horizontal portion or seat *D*, the keeper *E*, the brace *F*, and the upright or connecting portion *G*, and having such portion *G*, lapped against and secured to the standards of the main frame, substantially as set forth.

### No. 36,916. Automatic Discharge Valve for Sewer Pipes.

(*Soupape automatique de decharge pour tuyaux d'égout.*)

Charles H. Shepherd, New York, State of New York, U.S.A., 2nd July, 1891; 5 years.

*Claim.*—1st. In an automatic discharge valve for sewer pipes, the combination, with the valve *E*, and valve-closing lever *F*, provided with the spring pressed ratchet bar *I*, of the spring pressed catch lever *d*, the spring pressed catch *h*, provided with the roller *j*, the weighted lever *K*, and the inclined plane *c*, substantially as specified. 2nd. In an automatic discharge valve for sewer pipes, the combination, with the sewer pipe *A*, of the valve *E*, the rock-shaft *C*, provided with the arm *B*, the valve closing lever *F*, the spring pressed ratchet bar *I*, carried thereby, the casing *b*, furnished with the inclined plane *c*, the catch lever *d*, the spring *e*, the catch *h*, the roller *j*, the spring *i*, the weighted lever *K*, and the limit screw *l*, substantially as specified.

### No. 36,917. Wheel for Grinding Stone.

(*Roue de meule.*)

George Barney Eckhardt, Toledo, Ohio, U.S.A., 4th July, 1891; 5 years.

*Claim.*—1st. A grinding wheel, consisting of a series of connected eccentrically disposed fingers. 2nd. A grinding wheel provided with eccentrically disposed fingers, and a plate connecting said fingers. 3rd. A grinding wheel constructed with a series of eccentrically arranged fingers and removable points carried by the outer series of fingers. 4th. A grinding wheel provided with eccentrically disposed fingers, said fingers being arranged in concentric series. 5th. A grinding wheel constructed with a series of fingers arranged, substantially eccentric to their pivotal point. 6th. A grinding wheel, constructed of a series of eccentrically arranged fingers, the outer of the said series being provided with removable points, a cover adapted to fit on said wheel, and means for holding the cover in position. 7th. A grinding wheel, constructed of a series of fingers arranged, substantially eccentric to their pivotal point, the inner faces being provided with recesses.

### No. 36,918. Spike for Railways.

(*Chevillette de chemin de fer.*)

Walter J. Hammond and John Gordon, both of Rio de Janeiro, Brazil, South America, 4th July, 1891; 5 years.

*Claim.*—1st. A railroad spike, provided with a head having a beveled side, and provided with a series of steps adapted to successively engage the edges of the base of the rail when the spike is further driven after having become loose, substantially as shown and described. 2nd. A railroad spike, comprising a shank, and a head formed on the said shank and having two oppositely arranged, beveled sides, one of the said sides being provided with a series of steps or notches, substantially as shown and described.

### No. 36,919. Pipe. (Pipe.)

John Emmet McGill, Detroit, Michigan, U.S.A., 4th July, 1891; 5 years.

*Claim.*—1st. As a new article of manufacture, a pipe bowl, made of corn cob and filler applied inside and out, and consisting of clay, applied substantially as described. 2nd. As a new article of manufacture, a pipe bowl made of corn cob, and a filler applied inside and outside consisting of pipe clay, and of a finish such as shellac applied to the outside only, substantially as described. 3rd. As a new article of manufacture, a pipe bowl made of corn cob having a filler of clay on the inside and outside, an extra layer applied to the inside thereof and a finish such as shellac applied to the outside, substantially as described.

### No. 36,920. Reed Organ. (Orgue.)

F. Lewis Scribner, Chatham, Ontario, Canada, 4th July, 1891; 5 years.

*Claim.*—1st. In an organ having one or more sets or series of reeds and keys, the wind passages *W* without reeds and speaking pipes *D*, substantially as hereinbefore described and shown. 2nd. In an organ, the combination, with the flue-pipe *D*, of the opening *G*, and the movable valve *H*, substantially as and for the purposes shown and described. 3rd. In an organ, the combination, with the flue-pipe *D*, of the adjustable lip *L*, substantially as and for the purposes described and shown. 4th. In an organ, the combination, with the air-forcing and controlling mechanism of the reed tube *B*, containing the reed *R*, wind passage *W*, flue-pipe *D*, lip *L*, openings *G*, and valve *H*, substantially as hereinbefore described and shown.

### No. 36,921. Road Cart. (Désobligante.)

William Luther Pike and Byron Halsey Sykes, both of Groton, New York, U.S.A., 4th July, 1891; 5 years.

*Claim.*—1st. The combination, with the body, the axle and shafts, of a spring on each side of the body, consisting of sections united at