

No. 41,181. System of Cheeking Fares and Baggage.*(Système de marquer les cachets et le bagage.)*

James Philip Martin, Montreal, Quebec, Canada, 12th December, 1892; 6 years.

Claim.—1st. In a combined fare and baggage checking system, the issuance of a coupon with the passenger ticket adapted to bear particulars of the quantity and weight of the baggage accompanying the holder of such ticket. 2nd. The combination with a passenger ticket, of a baggage coupon. 3rd. The combination of a passenger and baggage coupon the latter adapted to bear particulars of the quantity and weight of the baggage accompanying the holder of the ticket and both bearing corresponding numbers, as set forth.

No. 41,182. Transfer Ticket. (Billet de transfert.)

Emil C. Boeckh, Toronto, Ontario, Canada, 12th December, 1892; 6 years.

Claim.—1st. A ticket having printed on its surface a column of twelve figures indicating the hours, and opposite to said column two other columns with figures arranged in pairs opposite to each hour figure to denote, when punched, the half hour before and the half hour after each particular hour, the column being differently marked or coloured to indicate night and day, substantially as and for the purpose specified. 2nd. A ticket having printed on its surface a column of names or symbols indicating the transfer routes, the said column being divided by a line, the punching on one side of which indicates the direction of the route for which the transfer ticket is issued, substantially as and for the purpose specified. 3rd. A ticket having printed on its surface a column of twelve figures indicating the hours, and opposite to said column two other columns with figures arranged in pairs opposite to each hour figure to denote, when punched, the half hour before and the half hour after each particular hour, the column being differently marked or coloured to indicate night and day, a column of names or symbols indicating the transfer routes, the said column being divided by a line, the punching on one side of which indicates the direction of the route for which the transfer ticket is issued, substantially as and for the purpose specified.

No. 41,183. Gas Governor. (Régulateur à gaz.)

James Love, Linton Road, Barking, Essex, England, 12th December, 1892; 6 years.

Claim.—1st. In a gas regulator or governor, the combination of the diaphragm *d*, bell *e*, float *f*, annular chamber *h*, nut *e*, valve rod *g*, controlling valve *i*, *j*, and valve seatings *j*, *j*, with the valve *u*, in a casing *l*, substantially as herein described and according to the accompanying drawing. 2nd. In a gas regulator or governor, the combination of the diaphragm *d*, bell *e*, nut *e*, valve rod *g*, vent hole *h*, and the screw plug *a*, with the controlling valve, substantially as herein described and according to the accompanying drawing.

No. 41,184. Gate. (Barrière.)

William Richard White, Bloomington, Illinois, U. S. A., 12th December, 1892; 6 years.

Claim.—1st. The combination with a swinging gate, of the operating levers *G*, *G*¹, a laterally projecting frame or arm *I*, extending outward from the side of the gate, and a rod *b*, between the outer end of the said frame or rod and the inner ends of the operating lever, substantially as described. 2nd. The combination of a swinging gate provided with a lock or latch *m*, the laterally movable arm *2*, connected with the said lock or latch, the operating levers *G*, *G*¹, and the connecting parts between the inner ends of the operating levers and the said arm *2*, substantially as described. 3rd. The combination of a swinging gate provided with the bolt or latch *m*, the gate operating levers *G*, *G*¹, a laterally projecting frame *I*, consisting of the bracing pieces *3* and *4*, and a laterally movable member *2*, connected with the bolt, lock or latch and the rod connecting the said frame *I*, with the gate operating levers, substantially as described. 4th. The combination of a swinging gate having a sliding latch or bolt *m*, the gate operating levers *G*, *G*¹, and frame *I*, projecting outward from the side of the gate having a laterally movable member *2*, connected with the bolt, lock or latch, and the two bracing members *3* and *4*, the said bracing members being hinged or pivoted to a support adjusted to the gate hinges, and connecting rod *b*, substantially as described. 5th. The combination of the gate with the post *B*, composed of the two parts *5* and *6*, set at an angle to each other to form a recess *7*, substantially as described. 6th. The combination of a swinging gate, the operating levers *G*, *G*¹, the vibrating steady arm *c*, to which one of the levers is directly connected, the arm *F*, uniting the other lever to the arm, and the rod *b*, connecting the arm *c*, with the gate, substantially as described. 7th. The combination with a swinging gate of the means for adjustably connecting the gate to the post, consisting of vertically arranged staples *22*, upon which the gate swings, and a bracket *25*, sliding upon one of the staples, substantially as described. 8th. The combination with a gate, of the hinges consisting of the gate member *21*, and the post member *22*, provided with abutments *24*, substantially as and for the purposes set forth.

No. 41,185. Land Roller. (Rouleau d'agriculture.)

David A. Grant, Township of Raleigh, County of Kent, Ontario, Canada, 12th December, 1892; 6 years.

Claim.—1st. The combination, of four drums of same size, coupled in pairs *A*, *A*, and *B*, *B*¹, revolving on steel arms *E*¹, and cast iron sleeve *E*, substantially as and for the purposes hereinbefore set forth. 2nd. The combination of drums *A*, *A*¹, and *B*, *B*¹, revolving on arms *E*¹, and cast iron sleeve *E*, with the oscillating head *H*, working on bars *K*, and the collars *I*, *I*, substantially as and for the purposes hereinbefore set forth. 3rd. The combination of drums *A*, *A*¹, *B*, *B*¹, the arms *E*¹, cast iron sleeve *E*, the oscillating head *H*, transverse bars *K*, with the foot lever *C*, attached, and operating a cleaning device *G*, for each pair of drums, all substantially as and for the purposes hereinbefore set forth.

No. 41,186. Pulley. (Poulie.)

William Henry Standish and William Taylor Reid, both of Toronto, Ontario, Canada, 12th December, 1892; 6 years.

Claim.—1st. A split pulley, comprising two sections, the rim of each of said sections made one continuous piece of material bent into a semi-circular shape, substantially as and for the purpose set forth. 2nd. A split pulley, comprising two sections, the rim of each of said sections made of one continuous piece of material bent into a semi-circular shape, each end of said section of the rim mortised, in combination with an arm, tenons formed on the end and adapted to fit into the mortised ends of the section of the rim, substantially as described. 3rd. In a split pulley consisting of two sections, each of said sections provided with an arm, said arms parallel to each other when the sections are put together, the combination of a hub comprising two sections, said sections secured one to either of said arms, one of said sections having a groove, the other one of said sections having a tongue adapted to enter the groove of the other section, substantially as described. 4th. In a split pulley having a split hub, the combination of a bushing comprising two sections, one of said sections being more than one-half the size of the cavity, so that its ends will project beyond the dividing line, the ends of said section arranged at an angle of about sixty degrees to the inner circumference, the other section being proportionately less than one-half the size of said cavity, and the ends of this section being inclined at the same angle at the ends of the other section, substantially as and for the purpose described.

No. 41,187. Valve. (Soupape.)

George K. Tower, District of Moilega, County of Queen's, Nova Scotia, Canada, 12th December, 1892; 6 years.

Claim.—1st. The combination of the central or facing spindle *F* and the valve proper *E*, substantially as and for the purpose hereinbefore set forth. 2nd. The combination of the central or facing spindle *F*, and the check nut *L*, and cross bar *M*, substantially as and for the purpose hereinbefore set forth. 3rd. The combination of the central or facing spindle *F*, with the main or regulating spindle *H*, substantially as and for the purpose set forth.

No. 41,188. Frame for Tiles. (Cadre pour tuiles.)

Riverius Marsh, New Brunswick, New Jersey, U.S.A., 12th December, 1892; 6 years.

Claim.—1st. A tile frame composed of a sheet metal base or backing, having an upturned edge and an overhanging bead for holding the tile, and an outwardly curved frame edge, substantially as herein set forth. 2nd. A tile frame composed of a sheet metal base or backing, having an upturned edge and an overhanging bead, said backing having perforations and slots for receiving screws, substantially as herein set forth. 3rd. A sheet metal base or backing having an upturned edging for the tile, and an overhanging bead for retaining the tile, and a curved frame edge, in combination with a sheath or covering for said frame edge, substantially as herein set forth. 4th. A sheet metal base or backing, perforated and slotted, having an upturned edging for the tile, and an overhanging bead for retaining the tile, in combination with a wooden structure or frame, and the set screws for holding the tile frame, substantially as herein set forth. 5th. A tile frame having an overhanging bead for retaining the tile, in combination with a decorated sheath strip for covering the tile frame, substantially as herein set forth. 6th. A tile holder composed of a single piece of sheet metal having upturned edges and intervening crimped ribs and tongues for holding and retaining the tiling, substantially as herein set forth. 7th. A tile holder having the back, edges and strips between the different rows of tiling formed of one piece, substantially as herein set forth. 8th. An adjustable tile holder having the back or base of the frame, the side walls and ledges for retaining the tile, and the tongues for holding the tile in position made integral with each other, substantially as herein set forth. 9th. In a tile holder, the base plate having suitable upturned edges, and overhanging ledges, and intervening walls, and ledges, and tongues, in combination with tiling, substantially as herein set forth. 10th. A tile holder composed of a single piece of sheet metal having upturned edges and intervening crimped ribs and tongues for holding and retaining the tiling, in combination with the tiling, substantially as herein set forth. 11th. A tile holder having the back, edges and strips between the different rows of tiling formed of one piece, in combination with the tiling, substantially as herein set forth. 12th. An adjustable tile holder