

No. 26,406. Apparatus for Checking, Recording and Indicating the Amounts of Cash Received, Taken or Paid, etc. (*Appareil pour Contrôler ou Enregistrer et indiquer la Monnaie Reçue, Prise et Payée, etc.*)

Sidney Firth, Leeds, Eng., 6th April, 1887; 5 years.

Claim.—1st. The improved method of indicating the sums received, or other matters to be recorded, by the means and appliances severally operating substantially as hereinbefore described and shown in the drawings. 2nd. The combination for the purposes aforesaid, of the axle *d*, operated by the handle *d*, such axle *d* being fitted with the cam blocks *v*, *w*, eccentric *6*, ratchet-wheel *35* and double arm lever *38*, controlled by the pawls *36* and *37*, spring *40* and pins *39* and *41*, substantially as hereinbefore described and shown on the drawings. 3rd. The combination for the purposes aforesaid, of the levers *a*, *e*, actuated by the axle *t*, crank *n*, pin *7* and cam *v*, and the lever *12* actuated by the axle *11*, crank *10*, pin *9* and cam *w*, substantially as hereinbefore described and shown on the drawings. 4th. The method of mounting the press with the wheels and printing appliances guided by rods *p* and guides *q*, and raised and lowered by the eccentric *6* and rod *19*, substantially as hereinbefore described and shown on the drawings. 5th. The method of operating the wheel and roller *26* by means of the rod and pawl *23*, spring *24*, lever *22* and pin *21*, substantially as hereinbefore described and shown on the drawings. 6th. The combination of parts together forming my improvements in apparatus for checking, recording and indicating the amounts of cash received, taken, or paid, such apparatus being also applicable to other analogous purposes, substantially as hereinbefore described and shown on the drawings.

No. 26,407. Case for Physician's Prescription Papers, etc. (*Boîte pour Prescriptions de Médecins, etc.*)

Ferdinand G. Uhlich, St. Louis, Mo., U.S., 6th April, 1887; 5 years.

Claim.—1st. The combination, with a box, of a marker and a support therefor, said marker being movable upon said support, substantially as set forth. 2nd. The combination of the box, the supporting-rod and the marker engaging said rod and movable in a circular direction, with the rod for its axis, and also in the direction of the length of said rod, as set forth. 3rd. The combination, with the box, the marker and a support upon which said marker slides, of a separate compartment or pocket for the reception of said marker, when not in use, as set forth.

No. 26,408. Danger Signal for Railway Trains, etc. (*Signal pour Trains de Chemins de Fer, etc.*)

Halcott P. Jones, Hillsboro, N.C., U.S., 6th April, 1887; 5 years.

Claim.—1st. In a car signal, the combination, with a suitable case, of a fixed and pivoted standard, a signal-flag secured to the standards, means for holding and releasing the pivoted standard, and a spring attached to the pivoted standard at one end, and to the case at its other end, substantially as set forth. 2nd. In a car signal, the combination, with a suitable case, of a fixed and a pivoted standard, the latter being provided with a neck, a signal-flag connecting said standards, a perforated spring-catch to engage the neck, means for releasing the catch from engagement with the neck, and a spring for moving the pivoted standard away from the fixed standard, substantially as set forth. 3rd. In a car-signal, the vertical stationary standard *H*, the pivoted standard, the signal-flag secured in slits of said standards, as described, the spring secured to the pivoted standard, the spring-catch *C*, the handle *D* and the rope secured thereto, substantially as set forth.

No. 26,409. Rotary Ventilator.

(*Ventilateur Rotatif.*)

John Williams, Quebec, Que., 6th April, 1887; 5 years.

Claim.—1st. In combination with the case *A*, provided with vane wheel *E* and eyes *L*, *M*, the gravitating cover *F* pivoted to the case, and provided with weight *H*, hook *T* and cord *J*, as set forth for the purpose described. 2nd. The case *A*, provided with springs *N* for holding the case removably in position, as set forth. 3rd. The combination, with the case *A*, having a vane wheel *E*, of the wire gauze screens *O*, *Q*, for filtering the air passing through the ventilator.

No. 26,410. Sleigh. (*Traineau.*)

George A. Strickland, Lakefield, Ont., 6th April, 1887; 5 years.

Claim.—The runners *C* journaled on the axle *B*, in combination with the cross-bar *D* pivoted, as at *b*, to the body *A*, and to the runners *C*, substantially as and for the purpose specified.

No. 26,411. Railway Flag Signal.
(*Drapeau-Signal de Chemin de Fer.*)

James D'Arcey, South Quebec, Que., 6th April, 1887; 5 years.

Claim.—1st. A railway flag-signal, consisting of the staff *A*, having a suitable handle *B*, parallel shafts *D*, *D'*, *D''*, carrying flags *I* and ring *H* for locking the shafts, as set forth. 2nd. A railway flag-signal, consisting of the staff *A*, having a handle *B* and magazine *K*, in combination with shafts *D*, *D'*, *D''*, each carrying a flag *I* and a ring *H* for locking the shafts, as set forth.

No. 26,412. Gaiter Boot and Shoe.

(*Guêtre-chaussure.*)

Marcellus Walker, Cambridge, Mass., U.S., 6th April, 1887; 5 years.

Claim.—1st. A gaiter boot or shoe having an elastic goring *F*,

shaped as shown, to cover the small of the leg at its back from the counter upward, and also at each side but back of the ankle-bones, and thence to project at each side with an extension *H* under and to the front of the ankle-bones, and below and in line with the instep, in combination with the upper of an inelastic material such as leather, shaped and constructed to cover the remaining portions of the foot, and the whole secured together, substantially as described for the purpose specified. 2nd. A gaiter boot or shoe having an elastic goring *F*, shaped as shown, to cover the small of the leg at its back from the counter upward, and with an extension *H* at each side, but back of and crossing under the ankle-bones, and made wider on one side than on the other of the gaiter, in combination with an upper having a rear upward extension of inelastic material, such as leather, shaped and constructed to cover the remaining portions of the foot, and the whole attached together substantially as described for the purposes specified.

No. 26,413. Horse Collar Fastening.

(*Couplière de collier de cheval.*)

Miles T. Hayes, Burlington, Wis., U.S., 6th April, 1887; 5 years.

Claim.—1st. A fastening for separable horse collars, consisting of the two parts or fasteners *B* and *Br*, the body portions of which are curved to fit in the groove of the collar, one of the said fasteners being provided with a slot, and the other with a loop, hook, or staple of suitable length to project through the said slot to receive a key, substantially as described. 2nd. A fastening for separable horse collars, consisting of the two parts or fasteners *B* and *Br*, having curved body portions provided with arms or flanges to bear against the collar, one of the said fasteners having a slot *c*, and the other a loop hook or staple *d* adapted to enter and pass through the said slot, and one or both of the said fasteners having a loop *e* to receive the martingale strap, substantially as described. 3rd. The combination, with the separable horse collar *A*, of the fasteners *B* and *Br*, and the guard or protector *D*, the latter being arranged to project across the joint where the two parts of the collar come together, substantially as described.

No. 26,414. Pump. (*Pompe.*)

George S. Ayer, Saco, Me., U.S., 6th April, 1887; 5 years.

Claim.—1st. The combination of a pump stock, a casing *b* bolted thereto, and an air chamber having a rib on its lower surface, the air chamber being adjustable relatively to the pump stock and casing, substantially as described. 2nd. The combination, with the casing *b*, of the short shaft *f* having one end projecting from the casing, a handle secured to the outer end of said shaft, and a lever pinned to the shaft inside the casing, the casing having a plugged aperture in line with the pin when the shaft is turned to proper position, substantially as described. 3rd. The combination, with the pump stock, the casing *b* and air chamber *k*, of the hollow vent plug *m* extending into the space inside the casing, and having a side perforation which may form an open passage when the plug is screwed partly out, substantially as set forth. 4th. The combination, with a wooden pump stock, of a detachable metallic cylinder forming the working cylinder for the suction valve box, said cylinder having a conical seat for the drop box, substantially as shown and set forth. 5th. The combination, with a wooden pump stock, of a detachable metallic cylinder at the lower end of said stock, said cylinder having a conical throat for the drop box, and a reverse conical section below said drop box, said section being flanged for attachment of a wooden or metallic extension of the pump, all substantially as herein shown and described. 6th. The combination, with a wooden pump stock, of the detachable casing *b*, the adjustable chamber *k* and the detachable metallic cylinder having a working chamber for the sucker, and a conical throat for the reception of the drop box, substantially as described.

No. 26,415. Cleaning Brush.

(*Brosse de nettoyage.*)

Howard P. Nichols, Reading, Mass., U.S., 6th April, 1887; 5 years.

Claim.—1st. The combination of the connecting tubing *B*, the hollow handle having the sprinkling nozzle within the cap, the cap for the attachment of the brush and the swivelled sprinkling tube attached to the handle, substantially as specified. 2nd. The combination or the connecting tube *B*, the hollow handle *A* provided with the sprinkling orifices *c*, valve *D* and branch tube *F*, the cap *C*, the swivelled sprinkler tube *G* having the sprinkling plate *h*, and deflector flange *h'* and the valve *H*, substantially as specified. 3rd. The combination of the connecting tube, the hollow handle *A* provided with the orifices *c* and valves *D* and *I*, the deflector plate *E* on the handle, and the swivelled sprinkler tube provided with the sprinkling plate *h* and the deflector flange *h'*, substantially as specified. 4th. The combination of the connecting tube *B*, the hollow handle and detachable brush, and the curved sprinkler tube connected to the handle, substantially as specified.

No. 26,416. Bob Sleigh. (*Traineau accouplé.*)

Henry Jeffrey, Auburn Junction, Ill., Jacob Liver and Calvin A. Bierce, Winona, Minn., U.S., 7th April, 1887; 5 years.

Claim.—1st. The combination, with the knee *E* having the transverse rounded arms *K*, having a longitudinal recess *I* and tapering outward slightly from said recess, of cap *L* having a projection *R* on its under side fitting within the recess *I*, and concavities on opposite sides of the said projection to receive the upper rounded and tapered surfaces of the arms *K*, the said concavities being of greater width than the tapering arms, whereby a rocking and a lateral movement is afforded, substantially as and for the purpose set forth. 2nd. The combination, with the cap *L* provided on its under side with the projection *R* rounded recesses tapering outward from opposite sides of said projection, and recessed depending lugs *O* on opposite sides of the ends of the said recessed parts of the knee *E*, having a longitudinal recess *I* on its top, rounded arms *K* tapered outward from op-