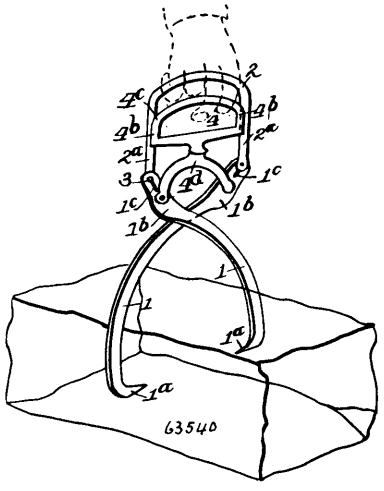
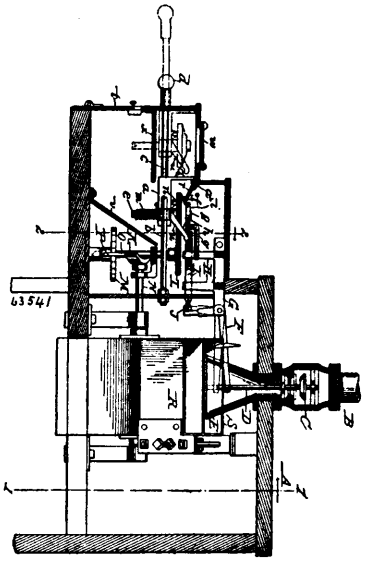
handle having end portions grooved and held to engage and slide on the side bars of the main handle, said supplemental handle having



bifurcated pendent members, pivotally joined to the grip jaws at points below their connection with the main handle, all being arranged, substantially as shown and for the purpose described.

No. 63,541. Fluid Delivery Apparatus.

(*Distributeur de fluide.*)



Cornish Curtis and the Green Manufacturing Company, assignees of Theodore L. Valerius, all of Fort Atkinson, Wisconsin, U.S.A., 2nd August, 1899; 6 years. (Filed 14th February, 1899.)

Claim.—1st.. In an automatic fluid delivery apparatus, the combination of a source of supply, a valve for controlling the same, a fluid motor, a movable check holder adapted to be moved into operative relation with the motor, and connections between said holder and the motor for moving said holder and thereby closing the valve. 2nd. In combination with a fluid supply, a valve, a fluid motor, a rotary check receiving mechanism adapted to be moved into operative relation with the motor, and to receive a deposited check for opening the valve, and connections between the motor and said check receiving mechanism for moving said mechanism and the deposited check, thereby permitting the valve to close. 3rd. In combination with a fluid supply, a valve, a fluid motor, and a movable check holding device designed to be moved into operative relation with said motor, and to receive a check for opening the valve and holding it open until a determinate quantity of liquid has been discharged. 4th. In an automatic fluid delivery mechanism, the combination of a source of supply, a valve opened by a deposited check, a fluid motor for controlling the position of said check with relation to the valve, said motor comprising two oscillating buckets provided with valves for discharging their contents alternately, and counterweights acting in conjunction with said buckets. 5th. In an automatic fluid delivery mechanism, the combination of a source of supply, a valve opened by a deposited check, a fluid motor comprising two oscillating buckets, discharge valves for said buckets, counterweights mounted upon said buckets and designed to move from side to side thereof, and means for limiting the movement of said weights. 6th. In an automatic fluid delivery mechanism, the combination of a source of supply, a valve opened by a deposited check, a fluid motor comprising two oscillating buckets, valve seats in said buckets, valves suspended above the same, counterweights mounted upon said buckets and designed to move from side to side thereof, and means for limiting the movement of said weights. 7th. In an automatic fluid delivery mechanism, the combination of a source of supply, a valve opened by a deposited check, a fluid motor comprising two oscillating buckets, valve seats in said buckets, valves suspended above the same, counterweights mounted thereon and movable from side to side thereof, means for limiting the movement of said weights, and means for limiting the elevation of the buckets. 8th. In an automatic fluid delivery mechanism, the combination of a source of supply, a valve, a fluid motor, and a reciprocating check holder movable toward and from said motor into and out of operative relation therewith, and designed to receive a deposited check for releasing the valve and causing it to remain open a determinate period. 9th. In an automatic vending apparatus, the combination of a movable check carrier and a pivoted cross bar provided with a curved recess in its edge in line with said carrier, substantially as and for the purpose described. 10th. In an automatic vending machine, the combination of a rotary check holder, means carried by said holder for determining the relation of the deposited check thereto, and means for returning said holder to its original position after the machine has been operated and the check removed. 11th. In an automatic vending machine, the combination of a reciprocating and rotary check holder, and a check remover designed to permit the holder and check to pass under in one direction, and to remove the check as the holder is withdrawn. 12th. In an automatic vending machine, the combination of a reciprocating and rotary check holder, means for rotating said holder as the machine discharges and means for maintaining said holder in its rotated position until it is withdrawn. 13th. In an automatic vending machine, the combination of a reciprocating and rotary check holder, means for rotating said holder as the machine discharges, means for releasing the check as the holder is withdrawn, and means for maintaining said holder in its rotated position until the check is discharged. 14th. In an automatic vending machine, the combination of a reciprocating frame, a check holder journalled therein, a spring and stop for maintaining said holder in a determinate position, a check releaser designed to remove the check as the holder is withdrawn, a spring detent designed to hold said check holder in its rotated position, and a cam for releasing said detent. 15th. In an automatic vending machine, the combination of a reciprocating frame, a check holder carried thereby, a check remover pivoted in line with said holder, and an arm carried by said frame for raising said check remover out of operative relation as the frame is moved forward. 16th. In an automatic vending machine, the combination of a rotary check holder, means for rotating the same and delivering the goods, and an arm extending out over said holder for retaining the check in place while being rotated. 17th. In an automatic vending machine, the combination of a valve, a rotatory check holder movable toward and from said valve, and connections for the valve adapted to be operated upon by a deposited check to open the valve, and to permit the valve to close when the check is rotated a predetermined distance. 18th. In an automatic vending machine, the combination of a valve, a rotary check holder movable toward and from said valve, a bell crank lever F connected to the valve, and a bar I, mounted in suitable bearings and forming a connection between said lever F and a deposited check. 19th. In an automatic fluid delivery mechanism, the combination of a source of supply, a valve, a fluid motor comprising two oscillating buckets to alternately receive and discharge the fluid to be delivered, an anchor O, shaft K, carrying gear L, and ratchet wheel M, a rotary check holder designed to be moved by said gear L, and means substantially as described for opening and closing the valve through the agency of a deposited check. 20th. As a new article of manufacture, an operating check for vending apparatus provided with a central opening or recess, a radial slot extending from said opening to the periphery and a nose or projection provided with a curved face formed contiguous to said slot. 21st. In an automatic fluid delivery mechanism, the combination of a source of supply, a valve, means substantially as described for opening and closing the valve through the agency of a deposited check, a fluid motor having two buckets each provided with a discharge outlet substantially as described, and a valve for said outlets comprising a rubber ball having a suspending wire passed therethrough and projecting into the outlet, and perforations formed in the lower side of the ball. 22nd. In a vending machine, the combination of a frame or casing provided with an opening for the deposit of a check or token, a reciprocating check holder normally standing beneath said opening and provided with an upstanding projection occupying a position in rear of the opening when the holder is in its normal position, and designed as the holder is moved forward into its operative position to pass to the other side of the opening and cut off access therethrough to the holder, substantially as described.