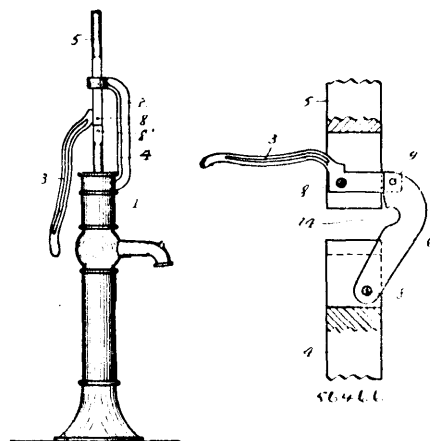


operator from interfering with the operation of the time mechanism when the receptacle is conditioned for the discharge of its contents, substantially as and for the purpose described. 9th. In a device for preventing the fraudulent reuse of bottles or similar receptacles, the combination with the receptacle, of time mechanism arranged to operate a definite length of time, means upon which the time mechanism is adapted to operate, auxiliary means under the control of the operator for closing the receptacle, and means connecting the time mechanism and the auxiliary means aforesaid so that when the receptacle is closed by said auxiliary means, the time mechanism will be prevented from operating, substantially as and for the purpose described. 10th. In a device for preventing the fraudulent reuse of bottles or similar receptacles, the combination with the receptacle, of time mechanism adapted to operate a definite length of time, means upon which the time mechanism is adapted to operate, and means for preventing the resetting of the time mechanism, said time mechanism including a quantity of a finely divided, solid substance and a chamber containing said substance and having an opening through which it escapes, substantially as and for the purpose described. 11th. In a device for preventing the fraudulent reuse of bottles or similar receptacles, the combination with the receptacle, of time mechanism arranged to operate a definite length of time, means upon which the time mechanism is adapted to operate, means for preventing the resetting of the time mechanism, auxiliary means under the control of the operator for controlling the discharge opening of the receptacle, and means connecting said auxiliary means with the time mechanism, said time mechanism including a quantity of finely divided solid substance, and a chamber containing said substance and having an opening through which it escapes, substantially as and for the purpose described. 12th. In a device for preventing the fraudulent reuse of bottles or similar receptacles, the combination with the receptacle, of two communicating chambers, a quantity of a finely divided solid substance in one of them, a spring-actuated follower controlled by said substance, and a device controlled by the follower, substantially as and for the purpose described. 13th. In a device for preventing the fraudulent reuse of bottles or similar receptacles, the combination with the receptacle, of two communicating chambers, a quantity of a finely divided solid substance in one of them, a spring-actuated follower controlled by said substance, a spring under tension, a device upon which it is adapted to operate when released, and means controlled by the follower for holding the spring under tension, substantially as and for the purpose described. 14th. In a device for preventing the fraudulent reuse of bottles or similar receptacles, the combination with the receptacle of two communicating chambers, a quantity of a finely divided solid substance in one of them, a spring-actuated follower controlled by said substance, a spring under tension, a latch engaging the spring and holding it under tension, and a stem carried by the follower and engaging the latch, substantially as and for the purpose described. 15th. In a device for preventing the fraudulent reuse of bottles or similar receptacles, the combination of a tube divided on its interior into two communicating chambers, a quantity of a finely divided solid substance in one of them, a follower controlled by said substance, a spring engaging the follower, a barrel secured to the tube and sustaining the spring, a main spring coiled around the barrel and secured at one end, a latch pivoted to the barrel and engaging the other end of the spring, a stem carried by the follower and engaging the latch, and a device upon which the main spring is adapted to operate when released, substantially as and for the purpose described. 16th. In a device for preventing the fraudulent reuse of bottles or similar receptacles, the combination with the receptacle, of time mechanism arranged to operate a definite length of time, means for preventing the resetting of the time mechanism, means upon which the time mechanism is adapted to operate, including a displaceable device, and an inscription which is normally covered by said displaceable device and which is uncovered when said device is displaced, substantially as and for the purpose described. 17th. In a device for preventing the fraudulent reuse of bottles or similar receptacles, the combination with the receptacle, of time mechanism arranged to operate a definite length of time, means for preventing the resetting of the time mechanism, and means upon which the time mechanism is adapted to operate, said means including a frangible device, substantially as and for the purpose described. 18th. In a device for preventing the fraudulent reuse of bottles or similar receptacles, the combination with the receptacle, of time mechanism arranged to operate a definite length of time, means for preventing the resetting of the time mechanism, and means upon which the time mechanism is adapted to operate, including a chamber containing a foreign substance, substantially as and for the purpose described. 19th. In a device for preventing the fraudulent reuse of bottles or similar receptacles, the combination with the receptacle, of time mechanism arranged to operate a definite length of time, means for preventing the resetting of the time mechanism, and means upon which the time mechanism is adapted to operate, said means including a valve, substantially as and for the purpose described. 20th. In a device for preventing the fraudulent reuse of bottles or similar receptacles, the combination with the receptacle and a device having automatically operating parts for preventing its reuse, of a liquid-tight enclosure located within the receptacle and enclosing said automatically operating parts so as to protect them from the liquid, a passage for the liquid being left between the receptacle and the

liquid-tight enclosure, substantially as set forth. 21st. In a device for preventing the fraudulent reuse of bottles or similar receptacles, the combination with the receptacle, of time mechanism arranged to operate a definite length of time, means upon which the time mechanism is adapted to operate, and a liquid-tight enclosure, in which said time mechanism is contained, substantially as and for the purpose described. 22nd. In a device for preventing the fraudulent reuse of bottles or similar receptacles, the combination with the receptacle, of time mechanism arranged to operate a definite length of time, a spring, means controlled by the time mechanism for holding said spring under tension, and a frangible shell in which the time mechanism is contained, substantially as and for the purpose described. 23rd. In a device for preventing the fraudulent reuse of bottles or similar receptacles, the combination with the receptacle, of time mechanism, a spring under tension controlled by the time mechanism, and a shell of opaque, frangible material, in which the time mechanism and spring are contained, substantially as and for the purpose described. 24th. In a device for preventing the fraudulent reuse of bottles or similar receptacles, the combination with the receptacle, of time mechanism, a spring under tension controlled by the time mechanism, a frangible shell upon which the spring acts, and a foreign substance contained by the shell, substantially as and for the purpose described. 25th. In a device for preventing the fraudulent reuse of bottles or similar receptacles, the combination with the receptacle, of time mechanism, a spring under tension controlled by the time mechanism, a valve, and a frangible shell containing the valve and spring, substantially as and for the purpose described. 26th. In a device for preventing the fraudulent reuse of bottles or similar receptacles, the combination of a shell containing a foreign substance, and means for discharging said substance within the receptacle, substantially as and for the purpose described. 27th. In a device for preventing the fraudulent reuse of bottles or similar receptacles, the combination with the receptacle, of a valve, means for holding the valve temporarily unseated, a spring for seating the valve, and means for preventing access to the valve for thereafter unseating it, substantially as and for the purpose described. 28th. In a device for preventing the fraudulent reuse of bottles or similar receptacles, the combination with the receptacle, of a displaceable sleeve bearing an inscription, a part surrounded by the sleeve and bearing an inscription which is normally covered by the sleeve and uncovered when the sleeve is displaced, and means for displacing the sleeve, said means including time mechanism adapted to operate a definite length of time, substantially as and for the purpose described. 29th. In a device for preventing the fraudulent reuse of bottles or similar receptacles, the combination with the receptacle, of a tube, a follower arranged therein, means for controlling the position of the follower, a spring engaging the follower, a second spring, means for holding the second spring normally under tension, said means including a displaceable part engaged by the stem of the follower, and movable laterally with relation thereto, a valve for closing the receptacle, and means for preventing the unseating of the valve when once it is seated, substantially as and for the purpose described. 30th. In a device for preventing the fraudulent reuse of bottles or similar receptacles, the combination with the receptacle, of a spring, a device upon which it is adapted to operate, an escapement controlling the spring and arranged to operate a definite length of time, and means for preventing the operator from interfering with the operation of the escapement, substantially as and for the purpose described.

No. 56,466. Coupling for Pump-rod.

(Joint pour bielles de pompes.)



John Amstutz and John Amstutz, jr., both of Leo, Indiana, U.S.A., 2nd July, 1897; 6 years. (Filed 3rd June, 1897.)

Claim.—1st. A two-part pump-rod having its upper parts attached to any suitable motive power and its meeting ends vertically slotted