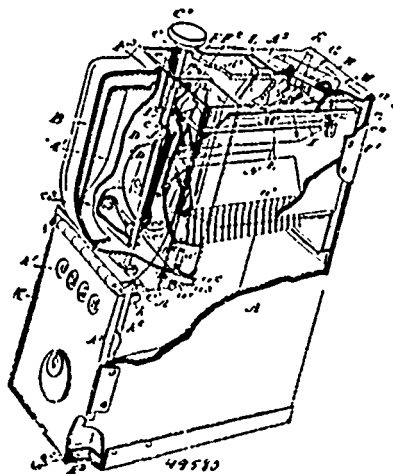


7th. In a fare box, the combination with the receiving slot, of a closing plate suitably supported by a loop shaped rod held in guid-



ing brackets attached to the side of the fare box and a plunger having a plate secured thereto, provided with a slot, partially oblique, formed to operate against the end of the loop, as and for the purpose specified. 8th. The combination, with the receiving slot and closing plate and means for operating such closing plate, of a ridge plate pivoted below the closing plate and having an upwardly extending end with the closing plate is designed to come in contact, as and for the purpose specified. 9th. The combination, with the receiving slot and closing plate having fingers *h*, and means for operating such closing plate, of a ridge plate pivoted below the closing plate and having an upwardly extending end with which the closing plate is designed to come in contact and slots in the ridge plate to permit of its free upward movement past the fingers *h*, as and for the purpose specified. 10th. The combination, with the receiving slot, closing plate and ridge plate operated from the closing plate and having a narrow end *m'* as specified, and cut away end portions *m'*, of a diaphragm *I*, provided with a notch *l*, as and for the purpose specified. 11th. In combination, the top having a transparent glass plate *A'* receiving slot made in top, the ridge plate *M*, and the transparent diaphragm *M* all arranged, as and for the purpose specified. 12th. The combination, with the top hinged at one end as specified, of the retaining bolts *a'* passing down through the fare box, and means within such fare box for securing the lower ends of the bolts rigidly, as and for the purpose specified. 13th. The combination with the top hinged at one end as specified, of the retaining bolts *a'*, passing down through the fare box below the plate *A'*, and key slots *a''*, and tapered keys *a''*, constructed as shown and for the purpose specified. 14th. The combination with the plunger having an outwardly extending arm at its bottom end, of the dog *k*, designed to be pressed by the arm at the bottom of the plunger, so as to operate the registering mechanism, as and for the purpose specified. 15th. In a fare box a locking flap having the hinge consisting of loops *k'* and lips *k''*, fitting beneath loops *k'*, at the edge of the opening and a pin to extend through the loops, as and for the purpose specified. 16th. In a fare box a locking flap having a hinge consisting of loops *k'* and lips *k''*, and an inwardly extending edge *k'*, extending around the flap into grooves *k''*, made at the edge of the opening and in the casing, as and for the purpose specified. 17th. In a fare box the combination with the final receiving chamber, of a ridge plate extending throughout the length of the chamber at the top thereof and a series of flat fingers pivoted beneath the edge of the ridge plate and abutting each other and arranged, as and for the purpose specified. 18th. The combination with the plunger having notches *c'*, of a forked plate *O*, held in suitable guides and designed to be brought when desired so that the members of the fork will extend into the notches of the plunger, as and for the purpose specified.

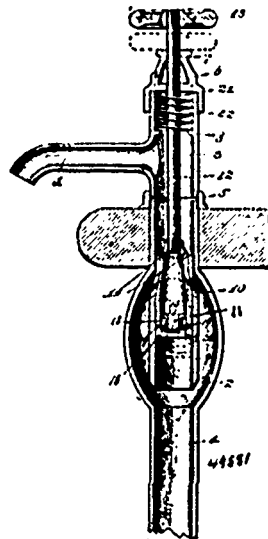
No. 49,581. Self Closing Cock or Faucet.

(Robinet ou fausset automatique.)

George S. Murphy, Sherman, Texas, U.S.A., 1st August, 1895; 6 years.

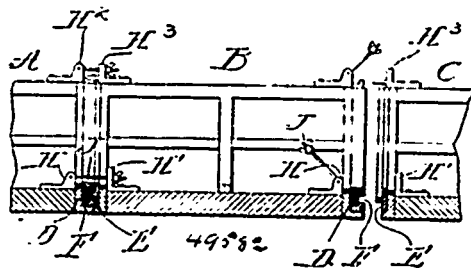
Claim.—1st. A self-closing cock or faucet, comprising a section of pipe having an elongated chamber formed therein, a nozzle fixed to the upper end of said pipe, an inner pipe vertically arranged within the chamber, and constructed with a series of apertures in its upper end, a cylindrical valve with a conical upper end located and operating within the upper end of the inner pipe, a spring-actuated plunger, rod fixed to and extending upwardly from the upper end of the cylindrical valve, a handle fixed to the upper end of the plunger rod, and a perforated drop valve arranged to automatically form and close the passage through the lower end of the cylindrical valve.

2nd. A self closing cock or faucet, comprising a length of pipe having an elongated chamber formed adjacent to the upper end thereof, a pipe



having a faucet-nozzle and fixed to the upper end of the first mentioned pipe, an inner pipe having a slightly conical upper end and provided with a series of perforations in said conical upper end, said pipe being vertically arranged within the chamber in the first mentioned pipe, a cylindrical valve having a slightly conical upper end and constructed to fit snugly within the upper end of the inner pipe, said cylindrical valve having a series of perforations in its conical upper end, a spring-actuated plunger-rod attached to, and extending upwardly from the cylindrical valve, and a drop valve held to move vertically within the lower end of the cylindrical valve and provided with a series of perforations in its lower end. 3rd. In a self-closing cock or faucet, the combination of a vertically arranged valve-seat or inner pipe located within the supply pipe and provided with a series of perforations in its upper end, a vertically moving cylindrical valve having perforations in its upper end, the same lying in a plane above the upper end of the valve-seat, a plunger-rod for operating the cylindrical valve, and a drop-valve constructed with a series of perforations in its lower end and held to move vertically in the lower end of the vertically moving valve. 4th. In a device of the class described, a vertically moving valve having a plurality of apertures in its upper end and provided at its lower end with an annular cutaway portion, and a drop-valve constructed with a closed bottom, a series of apertures above said closed bottom, and an annular flange at its lower end to engage the annular cutaway portion in the vertically moving valve. 5th. In a device of the class described, the combination of a cylindrical valve operating vertically within a cylindrical valve-seat to close the passage of water from the supply pipe to the faucet, and a drop valve located and held to move vertically in the lower end of the vertically moving valve and operated by the water pressure to cut off the passage through the vertically moving valve.

No. 49,582. Bont. (Vaisseau.)



Charles C. Heimbaugh, Moline, Illinois, U.S.A., 1st August, 1895; 6 years.

Claim.—1st. A sectional boat having joining members at the ends of the sections, one of which joining members provided with a receptacle in which is placed a gasket and the other joining member having a projection for engaging said receptacle and gasket, combined with means for fastening the parts together in the manner shown for the purpose described. 2nd. In a sectional boat the combination of joining members for the ends of the sections, one of which joining members having a receptacle in which is placed a