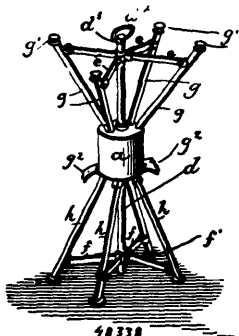


water service pipes of buildings, extending upward to the ground surface, and supplied with a jet of steam substantially as herein shown and for the purpose set forth.

No. 48,338. Pedestal for Burial Caskets.

(*Pédestal pour cercueils*)

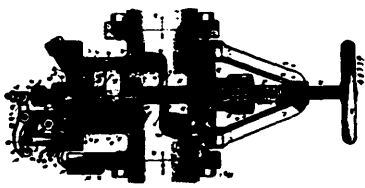


Sherman N. Hiser, Ed. N. Luffer, Charles H. Hiser and Seijuo E. Baker, all of Springfield, Ohio, U.S.A., 4th March, 1886; 6 years.

Claim.—1st. In a pedestal for burial caskets, a central block or support having oppositely-arranged plates at the ends thereof, hinged arms and legs connected to said plates, and a flexible covering at each end of said support, said flexible coverings being respectively clamped between the end of said support and the said plates at one end and at the other end connected to said pivoted arms and legs, and means, substantially as described, for moving said arms and legs to fold and unfold the said pedestal, substantially as specified. 2nd. In a folding pedestal for burial caskets, a central block or support and hinged arms and legs connected to each end of said block, flexible coverings extending in opposite directions from said supporting block to the ends of the respective arms and legs, a sliding rod connected to said arms and legs above and below said central block or support, and a folding handle attached to one end of said sliding rod, substantially as specified. 3rd. In a folding pedestal for burial caskets, a central support having pivoted arms connected thereto at each end, a rod extending through said support and connected by pivoted links to the arms and legs on opposite sides of said block, a stop on said rod to contact with said block, said stop being so arranged that the upper end of the rod will stand flush with the tops of the arms when the same are extended, substantially as specified. 4th. In a folding pedestal for burial caskets, a central support, plates at each end of said support, pivoted arms and legs connected to said plates, a supporting rod extending through said plates and said support and connected by pivoted links to said arms and legs on opposite sides of said support, a flexible cover clamped between the respective plates and support at each end of said support, said cover being connected to the free ends of said arms and legs, and a handle connected to said rod to operate said arms and legs, to fold and unfold the said pedestal, substantially as specified.

No. 48,339. Apparatus for Controlling Valves.

(*Appareil pour contrôler les soupapes, etc.*)

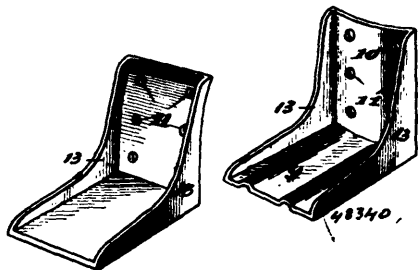


The Standard Valve Company, assignee of Benjamin Franklin, both of Chicago, Illinois, U.S.A., 4th March, 1886; 6 years.

Claim.—1st. An apparatus of the character described, comprising a cylinder, a differential piston within said cylinder, suitable channels for admitting fluid under pressure to both ends of said cylinder, and for allowing the escape of fluid from one end thereof, and a valve for controlling said escape of fluid, all substantially as and for the purpose described. 2nd. An apparatus of the character described, comprising a casing having a port 4, therein for the pas-

age of fluid through said casing, and having a cylinder and a differential piston E, within said cylinder, said piston being provided with a trunk or rod d, that is permanently protected against access of fluid pressure on its outer end, a valve connected to said trunk or rod d, for closing the port 4, an escape port or channel in the end of the cylinder opposite the larger area of the piston, a release valve for controlling said escape port, and an electro-magnet and suitable intermediate mechanism for controlling said release valve, substantially as described. 3rd. An apparatus of the character described, comprising a cylinder and a differential piston within said cylinder, an escape port for said cylinder provided with an escape valve, an electro-magnet for controlling said escape valve and suitable means for determining the extent of movement of the armature of said magnet, substantially as described. 4th. An apparatus of the character described, comprising a cylinder with ports whereby fluid may be admitted to both ends of said cylinder and with an escape passage whereby fluid may escape from one end of said cylinder, a valve for controlling said escape passage, a differential piston within said cylinder provided with an annular flange or rim, and an annular space at the end of said cylinder into which said flange or rim of the piston will enter, substantially as described. 5th. An apparatus of the character described, comprising the combination with a cylinder, of a differential piston within said cylinder, an escape passage for fluid at the end of said cylinder opposite the larger area of said piston, an escape valve F, for controlling said escape passage, and a supplemental piston F', for operating said valve F, substantially as described. 6th. An apparatus of the character described, comprising a cylinder, a differential piston within said cylinder, an escape passage in one end of said cylinder whereby fluid may escape therefrom, a release valve F, for controlling said escape passage, a hollow trunk or rod d, connected to said piston E, and a plunger passing through said trunk or rod d, and said piston E, and arranged to close said escape valve F, substantially as described. 7th. An apparatus of the character described, comprising a cylinder, a differential piston E, within said cylinder and provided with a hollow trunk or rod d, a plunger H, passing through said trunk or rod, a spindle K, for operating said plunger, and a release valve F, at the end of said cylinder opposite the head of said plunger, whereby said release valve may be closed by said plunger, substantially as described. 8th. An apparatus of the character described, comprising a cylinder, a differential piston E, within said cylinder, an escape valve F, for controlling the escape of fluid from said cylinder, a piston F', for shifting said escape valve F, a lever R, connected to the rod of said piston F', an elbow lever T, an armature lever V, for engaging said elbow lever and an electro-magnet for releasing said elbow lever, substantially as described. 9th. An apparatus of the character described, comprising a cylinder, a differential piston within said cylinder, suitable ports whereby fluid under pressure may be admitted to both sides of said piston, a trunk or rod for said piston extending outside the casing, a spindle K, adapted to contact with said trunk or rod, an escape port whereby the release of fluid from one end of said cylinder may be had, and a release valve for controlling said escape port of the cylinder, substantially as described.

No. 48,340. Supporting Bracket. (Console)



George Henry Drake, Omaha, Alfred Martin Castle, Chicago, Illinois, and William Jarvin Wickes, Saginaw, Michigan, all in the U.S.A., 4th March, 1886; 6 years.

Claim.—The herein described lug or bracket, constructed from a sheet metal blank, wider at its middle than at its ends by bending said blank transversely to provide body portions angularly disposed, with referer to each other, and simultaneously turning up the edges of said blank to provide marginal strengthening ribs or flanges integrally connecting the angular portions, said flanges being widest at the angle and gradually tapering toward and terminating at the extremities of the angular members, substantially as described.

No. 48,341. Valve. (Soupape.)

John H. Eastwood, assignee of Henry Frisbie, both of Belleville, New Jersey, U.S.A., 5th March, 1886; 6 years.

Claim.—1st. The combination in a valve, of a body, a bracket