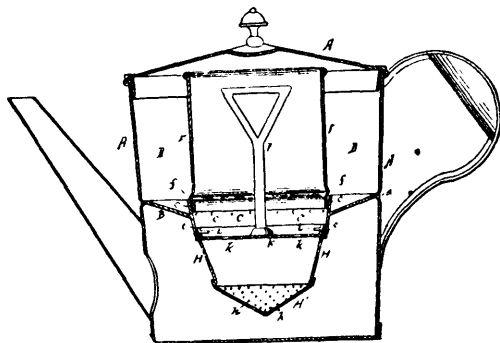


for the operating parts, in combination with a pump-handle pivotally fulcrumed in the upper pump-rod section, and having its inner end extended for the purpose specified, and means for pivotally connecting said handle with the adjacent end of the lower pump-rod section, whereby its said sections can be rigidly connected at pleasure, and the said lower section can be operated by means of said handle pivotally connected in said upper section without disengaging the said parts, substantially as described. 2nd. In a pump operated by a wind engine or other motive power, a pump-rod consisting of an upper and lower section connected at their meeting ends by a coupler constructed as described, pivotally connected to the lower section of said rod, and at its upper end pivotally connected to the short arm of a pump-handle, which handle is pivotally fulcrumed upon the lower end of the upper section of the pump-rod, and so arranged that when the free end of the handle is depressed the said coupling at its upper end will be seated upon said fulcrum bolt of said handle and thus rigidly connect the two sections of said rod together for operating the pump by motor-power attached to said upper section, and that when the free end of the handle is elevated the coupling will be disengaged from its seat upon said fulcrum bolt, and the meeting ends of the two sections will be separated but still in alignment, and connected by said coupling, and that the pump can then be operated by the pump-handle independently of the motor-power attachment, in combination with said pump-handle and a proper motor-power attachment. 3rd. The combination in a pump operated by a motive-power of a two-part pump-rod, consisting of an upper and lower section connected at their meeting ends by a coupler as described, pivotally connected at its lower end to said lower section, and at its upper part to the short arm of a pump-handle, the handle being pivotally fulcrumed upon the lower end of the upper section of a pump-rod as shown, a boxing or casing 10, secured to the upper section of the pump-rod and extending below the meeting ends of the two sections as a guide for said lower section and to keep it in constant alignment with the upper section, and means for connecting said pump-rod to the motive-power, all arranged substantially as described. 4th. The combination of a pump operated by mechanical power, of a pump-rod comprised of an upper and lower section having a pump-handle pivotally fulcrumed upon the lower end of the upper section and a coupler constructed as described pivotally secured to the inner short arm of said handle and also pivotally secured to the upper end of the lower section of said rod, and so arranged that by depressing the free end of said pump-handle the adjacent ends of the said sections will be rigidly secured together, and that by elevating said free end of the handle the adjacent ends of the pump-rod sections will be separated and the pump can then be operated by means of the pump-handle independently of the motor, and without disconnecting the coupler from either of the two sections, in combination with said pump-handle and a suitable motor-power, all substantially as described.

No. 56,467. Coffee Pot. (*Cafetière*.)



56467

Charles H. Chase, Newport, Rhode Island, U.S.A., 2nd July, 1897; 6 years. (Filed 3rd June, 1897.)

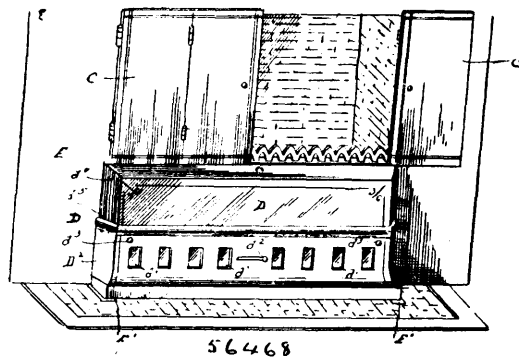
Claim.—The herein-described improved coffee pot, comprising the ordinary sides A, the downwardly-inclined partition B, provided on its inner edges with the tapered perforated ring C', and supported by said sides, the cylinder F, supported by said ring, said cylinder, ring and partition constituting, with the sides of the coffee pot, a separate water chamber, the cone-shaped coffee-holder H, supported in and by the lower portion of the ring C, and provided with the perforated bottom H', and the perforated disc K', resting in and supported by the upper portion of the sides of the coffee holder H and provided with the handle P, extending into the central cylinder, substantially as described.

No. 56,468. Fireplace. (*Foyer*.)

Jacob R. Donaldson, Oliphant Furnace, Pennsylvania, U.S.A., 2nd July, 1897; 6 years. (Filed 3rd June, 1897.)

Claim.—1st. The combination with a fireplace and hearth, the hearth having slotted plates and recesses below said plates, of a front and fender made up of two sections held in sliding engagement with

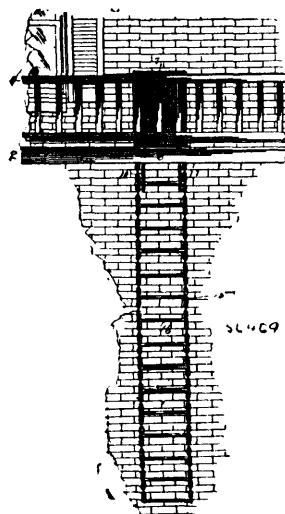
each other, the lower section having projections which engage the slotted plates, substantially as shown, for pivotally connecting the



front and fender to the hearth, so that the same may be used either in a vertical or in a horizontal position, for the purpose set forth. 2nd. The combination, in a fireplace, of a front, as E, having outwardly-projection portions or plates E', which extend over the hearth and are slotted as shown, together with a fender having plates which pass through the slots, said plates having hooked ends e', for the purpose set forth. 3rd. In combination with a fireplace and grate supported therein, of a fender and front supported by the hearth, the combined fender and front being made up of two sections, the lower section having projecting portions at its side for engagement with a plate E, said plate having continuous horizontal and vertical slots, the lower section also having openings and a damper, and the upper section which is carried thereby adapted to engage with the grate so as to support the front in a vertical position in front of the grate, substantially as shown and for the purpose set forth. 4th. In combination with a fireplace and grate, of a combined and front made up of two sections, the inner section being held in sliding engagement with the cutter section and the outer section being connected to the hearth to be supported in vertical and horizontal positions, together with means carried by the grate or sliding section for holding the sections in engagement with each other when the inner section is in an extended vertical position, substantially as shown and for the purpose set forth.

No. 56,469. Fire Escape.

(*Sauveteur d'incendie*.)



Joab J. Markel, Nankin, Ohio, U.S.A., 2nd July, 1897; 6 years. (Filed 3rd June, 1897.)

Claim.—1st. In a fire escape, the combination with a balcony provided with an opening, of a hinged trap door adapted to close said opening, a flexible ladder connected to the balcony, a catch, and a locking rod adapted for engagements with said catch, said rod being adapted to hold the ladder raised, and to be operated when the trap-door is removed, so that the ladder is released. 2nd. In a fire escape, the combination with a balcony provided with an opening, of a hinged trap-door adapted to close said opening, locking-rods pivoted to the trap-door, catch-loops connected to the