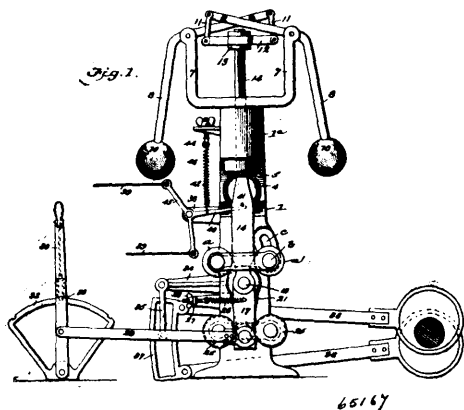
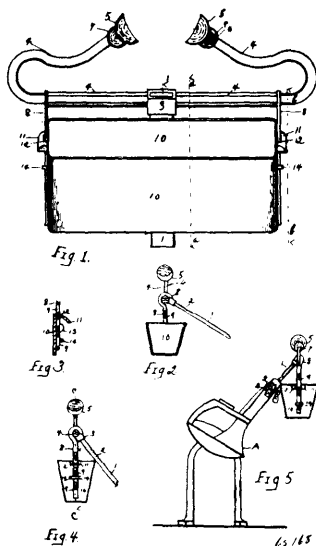


set forth. 3rd. In an automatic variable governor cut-off for steam engines, the combination of the standard 1, the vertical



sleeve 6, journaled therein and terminating at its upper end in the vertical parallel arms 7, 7, the governor levers 8, 8, fulcrumed in the upper ends of said arms, the vertical cylindrical shaft 14 journaled in said sleeve 6, the horizontal cross head 12, pivoted on the upper end of said shaft, and the rods 11, 11, connecting the outer ends of said cross head to the inner ends of the levers 8, 8, in combination with the bar 17 pivoted at its upper end to the lower end of the shaft 14, the rock shaft 23 provided with the crank 21, the bolt connecting said bar 17 and rod 29, and the horizontal arm 34 fixed on said rock shaft and in operative connection with the link 37, and means substantially as described for imparting motion to said link independently of the movement communicated to it by the governor levers 8, 8, as and for the purpose set forth. 4th. In an automatic variable governor cut-off for steam engines, the combination of governor proper, including a vertically slidable shaft, a bar 17, which is pivoted to the lower end of said shaft, and means for manually adjusting the angle of said bar to the shaft, with a rock shaft having a crank 21, carrying a guide for such pivoted bar, means for operatively connecting said rock shaft with the valve gear the spring 42, means for adjusting the tension of said spring, and the lever 40, substantially as described.

**No. 65,168. Shampoo Head Rest. (Support de têtes.)**

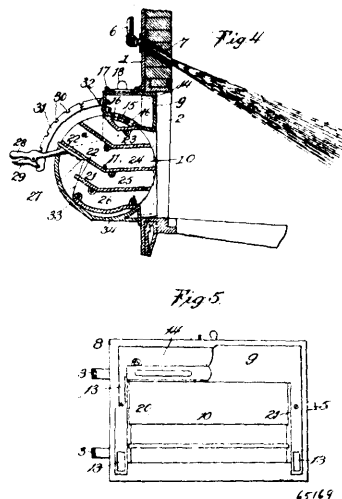


Charles Orren Bailiff and Abraham Lincoln Stafford, Alpena, Michigan, U.S.A., 2nd December, 1899; 6 years. (Filed 11th October, 1899.)

*Claim.*—1st. In a device for the purpose described, a head rest provided with a suitable head support, the head supporting end of said head support being adapted to be suitably padded or cushioned. A receptacle for holding water adapted to be detachably attached to said head rest, said water receptacle being provided with suitable means for adjustment and holding said receptacle in an upright position and proper relation to said head rest, a post or standard attached to said head rest, said standard being adapted to be adjust-

ably attached to chairs and other supports, substantially as described for the purpose set forth. 2nd. A head rest provided with one or more head supporting arms, said head supporting arms being adapted to being suitably cushioned or padded at the head supporting ends, a receptacle for holding water or other material adapted to be detachably attached to said head rest, by means of rods or other suitable connections, said receptacle being provided with suitable handles and means for adjusting and holding said receptacle in an upright position and in proper relation to said head rest, a standard suitably attached to said head rest, said standard being adapted to be adjustably attached to chairs and other desirable means of support substantially set forth. 3rd. A device for the purpose described, comprising one or more arms of suitable shape adapted to form a suitable head rest, said arm or arms being centrally connected to this standard, the head supporting end of said arm being adapted to be padded or cushioned in a suitable manner, a receptacle for holding water adapted to be detachably attached to said head rest, said water receptacle being provided with suitable means for adjustment and for holding said receptacle in an upright position, and in proper relation to said head support, a standard attached to said head rest, said standard being adapted to be adjustably attached to chairs and other desirable support, substantially as described an set forth.

**No. 65,169. Smoke Preventing Device. (Arrête fumée.)**



William Riley Mills, Jackson, Michigan, U.S.A., 2nd December, 1899; 6 years. (Filed 31st October, 1899.)

*Claim.*—1st. A smoke preventer, comprising a casing, a liner in said casing, a perforated rotary damper in said liner having partitions therein, and means for regulating the flow of air through the damper and liner. 2nd. A smoke preventer comprising a casing, a liner in said casing, provided with a register, a perforated rotary damper having partitions therein and means for regulating the flow of air through the damper. 3rd. A smoke preventer comprising a casing, a liner in said casing, a perforated rotary damper having partitions therein, and means comprising a rack and lever for operating the damper. 4th. A smoke preventer comprising a casing, a liner in said casing, provided with a register, a perforated rotary damper having partitions therein, and means for operating the same, comprising a segmental rack and lever, attached to the damper. 5th. A smoke preventer comprising a casing, a liner in said casing provided with air ducts, a register connecting with said ducts, a perforated rotary damper below the register, and means for operating the damper. 6th. A smoke preventer comprising a casing, a liner in said casing, provided with air ducts, a register in said liner perforations in the liner, adapted to register with the air partitions in the damper and means for controlling the flow of air from the damper to the furnace. 7th. A smoke preventer, comprising a casing, a liner therein, provided with air ducts, a register connecting with said air ducts, perforations in the bottom of the liner below the register adapted to register with the air partitions in the rotary damper and means for controlling the flow of air from the damper to the furnace. 8th. A smoke preventer comprising a casing, a liner therein, provided with air ducts, a register connecting with said air ducts, perforations in the bottom of the liner below the register adapted to register with the air partitions on the rotary damper and means for controlling the flow of air from the damper to the furnace, comprising a lever secured to the damper, and engaging with a rack. 9th. A smoke preventer comprising a door, a casing, a liner therein, provided with air ducts, a register located above and connecting with said air ducts, perforations in the bottom of the liner below the register adapted to register with the air partitions in the damper and means for controlling the flow of air to the furnace comprising a segmental rack