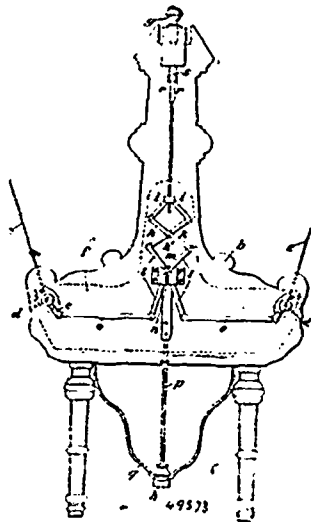


the current of vapour and air, substantially as and for the purpose set forth. 12th. In a vapour lamp, the combination with the hydrocarbon reservoir, the metal-sided retort arranged upon the reservoir, the inner porous lining of the retort, the sucking wick depending from the lower edge of the lining into the reservoir, the valve controlling the outlet of the retort, the guide-tube of the valve rod extending downward through the bottom of the reservoir, gear for operating the said valve and the short thick-sided Bunsen burner seated upon the retort of a fan wheel so arranged within the top portion of the burner as to be rotated by the current of vapour and air, substantially as shown and described and for the purpose specified. 13th. In a vapour lamp, the combination with the hydrocarbon reservoir, the retort arranged upon it and having a porous lining, the sucking wick connecting the lining with the liquid volatile hydrocarbon, the valve controlling the outlet of the retort, the tube wherein the valve-rod is guided and which extends downward through the bottom of the reservoir, the spring arranged to urge the valve to its seat, the weight connected to the valve, the valve operating rod guided in the said guide-tube, the gear for operating the said rod and the short thick-sided Bunsen burner seated on the retort of a fan wheel so arranged within the top portion of the burner as to be rotated by the current of vapour and air, substantially as shown and described and for the purpose set forth. 14th. In a vapour lamp, the combination with the hydrocarbon fount, the retort arranged upon the same and having a porous lining, the sucking wick connecting the said lining with the liquid hydrocarbon, and the Bunsen burner seated upon the metal-sided retort, and having so short and thick well conducting sides as to be enabled to sufficiently heat the retort, and a closed perforated top, of a pin extending downward from the centre of the top side of the burner, and a fan wheel having its boss adapted to revolve round and to slide along the said pin, substantially as described. 15th. In a vapour lamp, the combination with the hydrocarbon fount, the metal sided retort arranged upon the same and having a porous lining, the sucking wick depending from the lining into the fount, the thick-sided short Bunsen burner seated upon the retort and having a closed and perforated top, the valve controlling the communication between the retort and the burner, the guide-tube of the valve-rod extending downward through the bottom of the fount and gear for operating the said valve-rod, of a pin extending downward from the centre of the top side of the burner, and a fan wheel having its boss adapted to revolve round and to slide along the said pin, substantially as and for the purposes set forth. 16th. In a vapour lamp, the combination with the hydrocarbon fount, the retort arranged upon the same and having a porous lining, the sucking wick connecting the lining with the liquid hydrocarbon, the thick-sided short Bunsen burner seated upon the retort and having a closed, perforated top, the valve controlling the passage between the retort and the burner, the guide tube of the valve rod extending downward through the bottom of the fount, the spring arranged to urge the valve to its seat, a weight connected with the valve, the valve operating rod guided in the said guide tube and gear for operating the said rod, of a pin extending downward from the centre of the top side of the burner, and a fan wheel having its boss adapted to revolve round and to slide along the said pin, substantially as shown and described and for the purposes specified.

No. 49,573. Spittoon (Crachoir.)

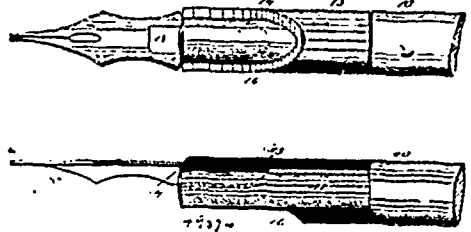


Fredinand Diederich, Halle on the Saale, Germany, 1st August, 1895; 6 years.

Claim.—A hygienic spittoon in the form of a stand, characterized by a vessel *a*, adapted to be closed within a cover *c* and removably supported in a frame *b*, the opening of the vessel taking place by

pressing with the hand upon the knob *g* or by pressing with the foot upon the foot lever *h* through the intervention of a lever mechanism *i, k, l, o*, and the cranks *c*, and the closing taking place on the cessation of the pressure with the hand or foot while the vessel is caused to remain open continuously by turning the knob *g*, so that on the turning back of the knob and the cessation of the pressure the closing takes place automatically, substantially as herein described and shown and for the purpose set forth.

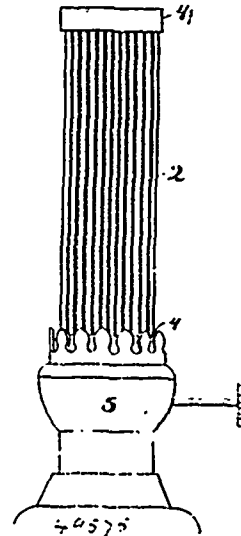
No. 49,574. Pen Holder. (Porte-plume.)



Bertram John Young, Sheffield, England, 1st August, 1895; 6 years.

Claim.—1st. The combination, with the pen holder, of a pen holding sheath mounted thereon, the sheath having a longitudinal opening in one side, substantially as described. 2nd. The combination, with the pen holder, having a reduced end, of the revoluble sheath on the reduced end, the sheath having a longitudinal opening on one side, substantially as described. 3rd. The combination, with the pen holder, having at one end and on one side a pen-holding recess, of the sheath mounted on the holder so as to cover the recess, the sheath having a longitudinal opening on one side, substantially as described.

No. 49,575. Chimney. (Cheminee.)



Samuel Bernheim, New York, State of New York, U.S.A., 1st August, 1895; 6 years.

Claim.—1st. A chimney for gas or other burners, composed of separate glass rods held in position, substantially as shown and described. 2nd. A chimney for gas or other burners, composed of separate tubular glass rods, provided with heads having annular U-shaped chambers, by which the rods are held in the proper form, substantially as shown and described. 3rd. A chimney for gas or other burners, composed of tubular rods united, substantially as and for the purposes set forth. 4th. A chimney for gas or other burners, composed of separate glass rods held in the required form by means of heads having annular U-shaped chambers filled with cement, substantially as shown and described.

No. 49,576. Paper Feeding Machine.

(Machine d'alimentation de papier.)

Nelson E. Funk, Elkhart, Indiana, U.S.A., 1st August, 1895; 6 years.

Claim.—1st. A paper feeding machine comprising a table to receive a quantity of sheets of paper or similar material, a roller adapted to rest and revolve upon the material at the forward end of the machine, and a rotary cutting disc to rest upon the rear edges of said sheets, substantially as described. 2nd. A feeding machine