(No Model.)

H. L. BENNETT.

DISINFECTING DEVICE.

No. 500,734. Patented July 4, 1893.

FIG: 2

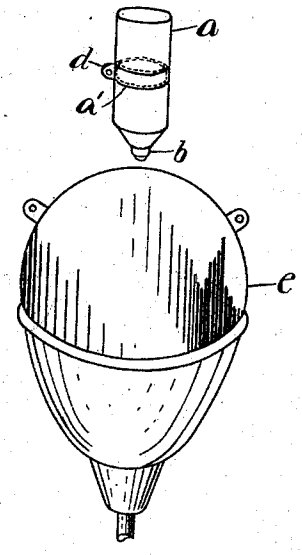


FIG: 3

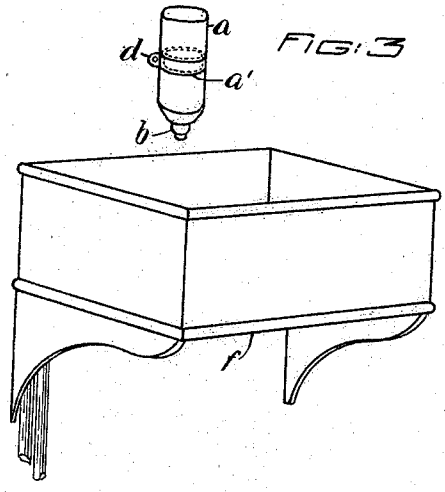
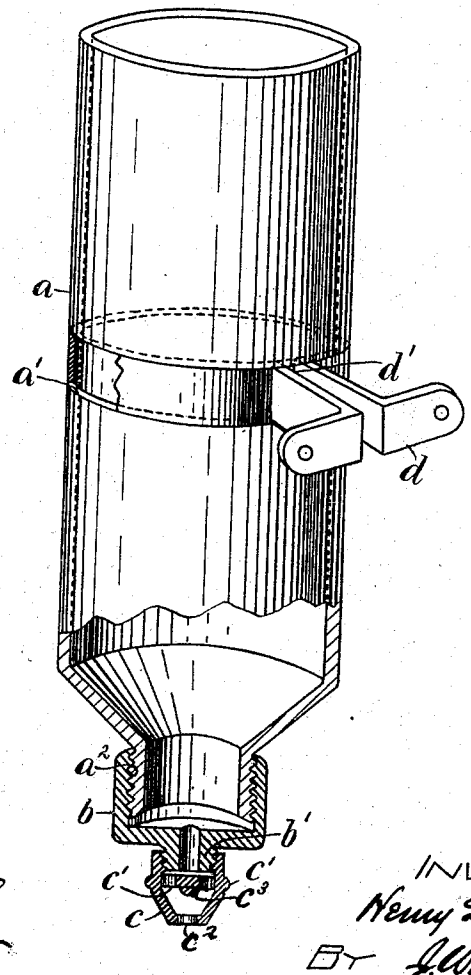


FIG: 1



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ATT'Y.

UNITED STATES PATENT OFFICE.

HENRY L. BENNETT, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR TO HARLAN PAGE, OF SAME PLACE.

DISINFECTING DEVICE.

SPECIFICATION forming part of Letters Patent No. 500,734, dated July 4, 1893.

Application filed April 5, 1893. Serial No. 469,082. (No model.)

To all whom it may concern:

Be it known that I, HENRY L. BENNETT, a citizen of the United States, residing at the city of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Disinfecting Devices, of which the following is a specification.

The principal object of my present invention is to provide a neat, attractive, efficient, durable and comparatively inexpensive jar or similar device for supplying disinfectant fluid to water-closets, urinals and the like.

My invention consists of the improvements hereinafter described and claimed.

The nature, characteristic features and scope of my invention will be more fully understood from the following description taken in connection with the accompanying drawings forming part hereof; and in which—

Figure 1, is a perspective view partly in section illustrating a disinfectant jar or similar appliance embodying features of my invention. Fig. 2, is a similar view illustrating the disinfectant jar or similar device illustrated in Fig. 1 in application to a urinal; and Fig. 3, is a similar view showing the disinfectant jar or device in application to the supply tank of a water-closet.

In the drawings a is an open top cylindrical vessel of glass or other preferred material, provided with a peripheral groove a', and with a sloping bottom terminating in a depending externally threaded neck a^2.

b, is a tapped thimble of hard rubber or other preferred material adapted to be screwed onto the neck a^2, and provided with an externally threaded discharge-nozzle b'.

c, is a tapped cap of hard rubber or other preferred material, adapted to be screwed onto the nozzle b, and terminating at its lower extremity in a discharge opening c^2.

c^3, is a bridge-piece carried by the cap c, and provided with inlet openings c', disposed on opposite sides of the opening in the discharge-nozzle b', so that the bridge-piece c^3, may be shifted in respect to the open end of the thimble b, in order to regulate the rate of discharge therefrom.

d, is a loop-like bracket having the extremities thereof disconnected as at d', in order to permit the circular portion of the bracket to be sprung into the groove a'.

In use the hereinabove described device may be secured to place above a urinal bowl e, as illustrated in Fig. 2, or a water-closet supply tank f, as illustrated in Fig. 3, or any other receptacle or substance requiring disinfection. In any case the cylinder a, is filled with a suitable liquid disinfectant and the same is permitted to slowly drop from the discharge opening c^2. The rate of discharge of the disinfectant may be increased or diminished by turning the cap c, in the required direction for adjusting the position of the bridge-piece c^3, in respect to the discharge opening of the nozzle b.

The hereinabove described device possesses among many others the following advantageous features; first, it may be manufactured of materials as glass and rubber, which are not corroded or otherwise deleteriously affected by chemicals entering into the composition of ordinary disinfectants; second, the rate of discharge of the disinfectant may be readily and accurately controlled; and third, the cylinder of the reservoir may be readily detached in order to clean or otherwise repair the same.

Having thus described the nature and objects of my invention, what I claim as new, and desire to secure by Letters Patent, is—

The combination, in a disinfectant device of an open top vessel, having a sloping bottom terminating in an integral externally threaded neck, and provided with a peripheral groove for the accommodation of the loop of a detachable bracket, a threaded thimble removably applied to said neck and provided with a nozzle, and a screw cap for regulating the rate of discharge from said nozzle, substantially as and for the purposes set forth.

In testimony whereof I have hereunto set my signature in the presence of two subscribing witnesses.

HENRY L. BENNETT.

Witnesses:
THOMAS M. SMITH,
RICHARD C. MAXWELL.