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No. 649,062. Patented May 8, 1900.

L. & M. H. LEVETT.

DISINFECTING DEVICE.

(Application filed May 11, 1899.)

(No Model.)

Fig. 1.

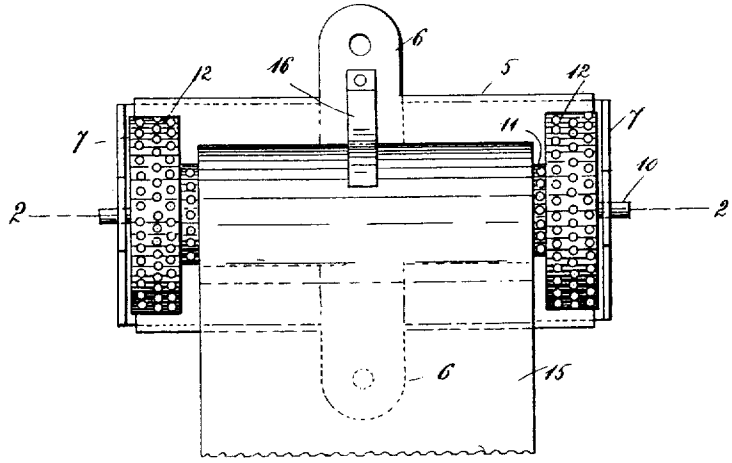


Fig. 2.

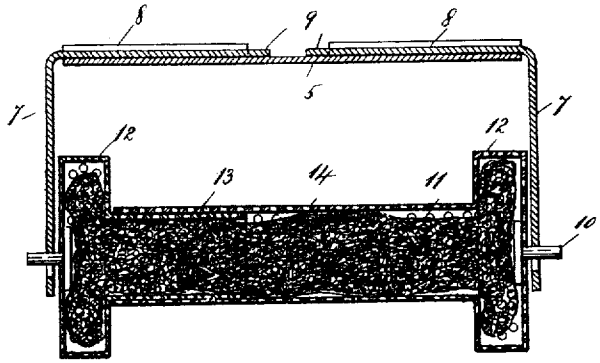
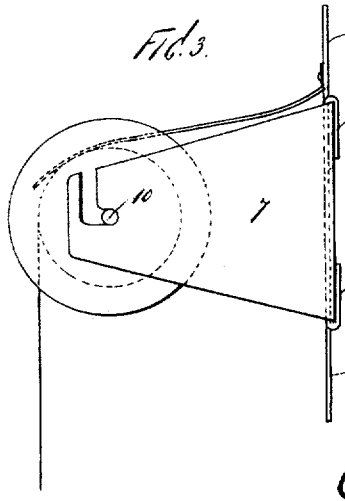


Fig. 3.



WITNESSES

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DISINFECTING DEVICE.

SPECIFICATION forming part of Letters Patent No. 649,062, dated May 8, 1900.

Application filed May 11, 1899. Serial No. 716,366. (No model.)

To all whom it may concern:

Be it known that we, LOUIS LEVETT and MORRIS H. LEVETT, citizens of the United States, residing at New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Disinfecting Devices, of which the following is a full and complete specification, such as will enable those skilled in the art to which it appertains to make and use the same.

This invention relates to devices for disinfecting or deodorizing closets and compartments in dwellings, hotels, restaurants, and other places; and the object thereof is to provide an improved device of this class which is simple in construction and operation and comparatively inexpensive and may be employed wherever such devices are required.

The invention is fully disclosed in the following specification, of which the accompanying drawings form a part, in which the separate parts of our improvement are designated by numerals of reference and in which we have shown our improvement as adapted for use in a water-closet.

In the drawings forming a part of this specification, Figure 1 is a view in elevation of our improved device; Fig. 2, a section on the line 2 2 of Fig. 1, and Fig. 3 an end view.

In the practice of our invention we provide a suitable support which, as shown in the drawings, consists of a base-plate 5, provided with side projections 6, by which it may be secured to a wall or other support, and the base-plate 5 is provided with end portions 7, which project at right angles thereto, and these end portions 7 are preferably longitudinally adjustable on the base-plate 5, and for this purpose said base-plate is provided with guides or ways 8 and the end portion 7 with angular members 9, which are adapted to slide in said guides or ways. Mounted in the ends or end portions 7 is a detachable shaft 10, on which is placed a hollow cylindrical receiver 11, which is preferably provided at each end with enlarged circular heads 12, and the body or central portion of the receiver and the heads 12 thereof are preferably finely perforated, as shown in Figs. 1 and 2; but any suitable openings may be substituted for these perforations. The body or central portion of the receiver is also composed of two parts, one of which is connected with each of the heads 12, and one of said parts is adapted to be inserted into the other, as shown at 13 in Fig. 2, and in the practice of our invention we place within the receiver any suitable disinfecting or deodyrizing material. As shown in the drawings, this material consists of a sponge 14, saturated with disinfecting or deodorizing chemicals or substances suitable for the purpose described; but said disinfecting or deodorizing material may be of any desired form or be in any preferred condition and may be placed in the receiver so as to fill the same. We have also shown a roll of toilet-paper 15 mounted on the central cylindrical portion of the receiver, and our improvement may thus be made to serve a double purpose—namely, that of deodorizing or disinfecting and also as a support for a roll of toilet-paper—and the operation of pulling off the toilet-paper in the usual manner will turn or rapidly revolve the receiver and cause the disinfecting or deodorizing fumes to be thrown off through the perforated receiver. The base-plate 5 of the support is also provided with a spring-arm 16, which bears on the paper-roll 15 and serves to prevent the too-free revolution of said roll or of the receiver on which it is mounted in the operation of pulling off the paper.

Any suitable frame or support may be provided, and in the drawings forming part of this specification we have shown the receiver as provided with two short stub axles or shafts, and the said receiver constitutes, when made as shown and described, a reel on which the paper is mounted.

It will be apparent that changes in and modifications of the construction herein described may be made without departing from the spirit of our invention or sacrificing its advantages.

Having fully described our invention, we claim as new and desire to secure by Letters Patent—

1. A disinfecting device which is spool or reel shaped in form and revolubly mounted, said device being provided with enlarged hollow perforated ends, which are adapted to receive a disinfectant, and the portion of said

device between said ends consisting of two telescoping parts, substantially as shown and described.

2. A disinfecting apparatus which is revolubly mounted and which comprises a hollow perforated central portion and enlarged hollow perforated end portions in communication with the central portion, said central portion being composed of separate detachable telescopic parts, substantially as shown and described.

3. A disinfecting device, comprising a yoke-shaped frame, and a spool-shaped device revolubly mounted therein, said spool-shaped device being hollow and perforated, and the central portion thereof being composed of separate telescopic detachable parts, substantially as shown and described.

In testimony that we claim the foregoing as our invention we have signed our names, in presence of the subscribing witnesses, this 10th day of May, 1899.

LOUIS LEVETT.
MORRIS H. LEVETT.

Witnesses:
F. A. STEWART,
C. C. OLSEN.