R. T. CLEARY.

STERILIZING DEVICE FOR VIBRATORS.

APPLICATION FILED JUNE 21, 1918.

1,330,460. Patented Feb. 10, 1920.

Fig. 1.

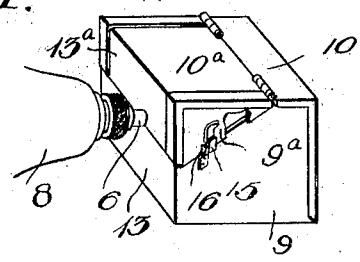


Fig. 2.

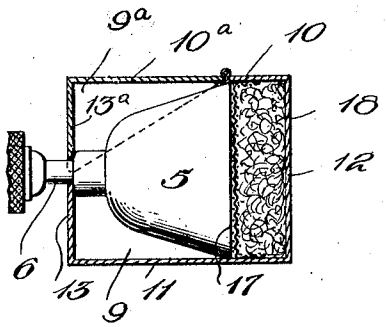
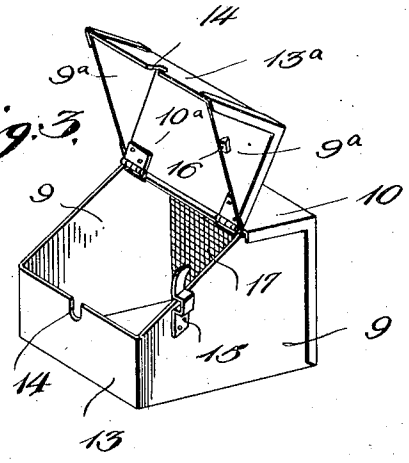


Fig. 3.



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STERILIZING DEVICE FOR VIBRATORS.

1,330,460. Specification of Letters Patent. Patented Feb. 10, 1920.

Application filed June 21, 1918. Serial No. 241,204.

To all whom it may concern:

Be it known that I, RICHARD T. CLEARY, a citizen of the United States, residing at Charleston, in the county of Kanawha, State of West Virginia, have invented certain new and useful Improvements in Sterilizing Devices for Vibrators; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

The present invention relates to sterilizing devices more particularly of a type wherein the sterilizing operation is effected by fumes given off by a suitable fumigating substance such as formaldehyde.

It is the object of the present invention to provide a device adapted for sterilizing applicators such as rubber vibrating cups of the type commonly employed in barber shops and massaging establishments, and wherein the sterilizing operation may be carried out without removing the applicator head from the motor shaft or other member to which it is normally attached.

It is further the object of the invention to provide a sterilizing device which may be secured to and carried by the shaft of the applicator in the attached position of said applicator and which essentially includes a casing for inclosing the head of the applicator and confining the fumes of the fumigating medium.

A still further object resides in the provision of such a fumigating device which may be most readily applied to or removed from an applicator and which is of exceedingly simple construction whereby to permit a low cost of manufacture.

With the above and other objects and advantages in view, the invention resides more particularly in the novel combination, formation and arrangement of parts hereinafter described and particularly pointed out in the appended claim.

In the accompanying drawings:

Figure 1 is a perspective view showing the improved sterilizing device applied to an ordinary vibrating massage cup.

Fig. 2 is a longitudinal sectional view through the device.

Fig. 3 is a perspective view of the device partly open.

Referring now more particularly to the accompanying drawings, there is shown a massage applicator of the ordinary type found in a barber shop for facial massage and comprising a head composed of a rubber cup 5 mounted on the end of a shaft 6 projecting from and carried by a motor 8. The invention comprises a casing formed of the side walls 9, top and bottom walls 10 and 11 and end walls 12 and 13. This casing is divided on an inclined plane intersecting substantially the central portions of the top wall 10 and end wall 13, thus forming side wall sections 9^a and end wall sections 13^a and a top wall section 10^a and the wall portion 10^a has its inner edge connected with the adjacent edge of the remaining section of the top wall, while the side and end wall sections 9^a and 13^a when swung adjacent the remaining wall sections lap thereover, to thus close the interior of the casing. The end wall section 13^a and the remaining wall sections are provided with mating recesses 14 adapted to receive the shaft 6 of the applicator and this casing may be readily applied about or removed from the head 5, the casing completely inclosing the head when applied thereto. For holding the casing in applied position, the major or body portion thereof carries a spring catch 15 engageable with a keeper 16 on the hinged portion of the casing.

For holding a certain amount of fumigating material in the casing, a screen partition 17 is provided, corresponding in shape to the cross sectional area of the casing, and provided with lateral flanges 18 on its sides adapted to fit frictionally against the walls of the casing to maintain the partition in place, this partition being readily removable. In the present structure a pad 18 of cotton or other absorbent material is held between the partition 17 and the end wall 12 of the casing, and this absorbent material is impregnated with formaldehyde or the like.

An exceedingly simple device has thus been provided which will efficiently meet the conditions set forth, and whereby the rubber cups of massaging applicators or the like may be readily sterilized without the necessity of removal from their carrying shafts and without necessitating any certain positioning of the applicator, since the device is directly applied to and remains on the applicator until the latter is to be used.

What is claimed is:

A sterilizing device for vibrators com-

prising a box like casing divided on an inclined plane into a body and cover hingedly connected at their rear edges and having at their front edges mating recesses adapted to inclose the vibrator shaft when the applicator stands within the casing, a catch on the body adapted to engage a keeper on the cover to hold the latter closed, and a pad within the casing impregnated with a sterilizing compound.

In testimony whereof I affix my signature in the presence of two witnesses.

RICHARD T. CLEARY.

Witnesses:
PETER E. CLEARY,
GUS S. WILLIAMS.