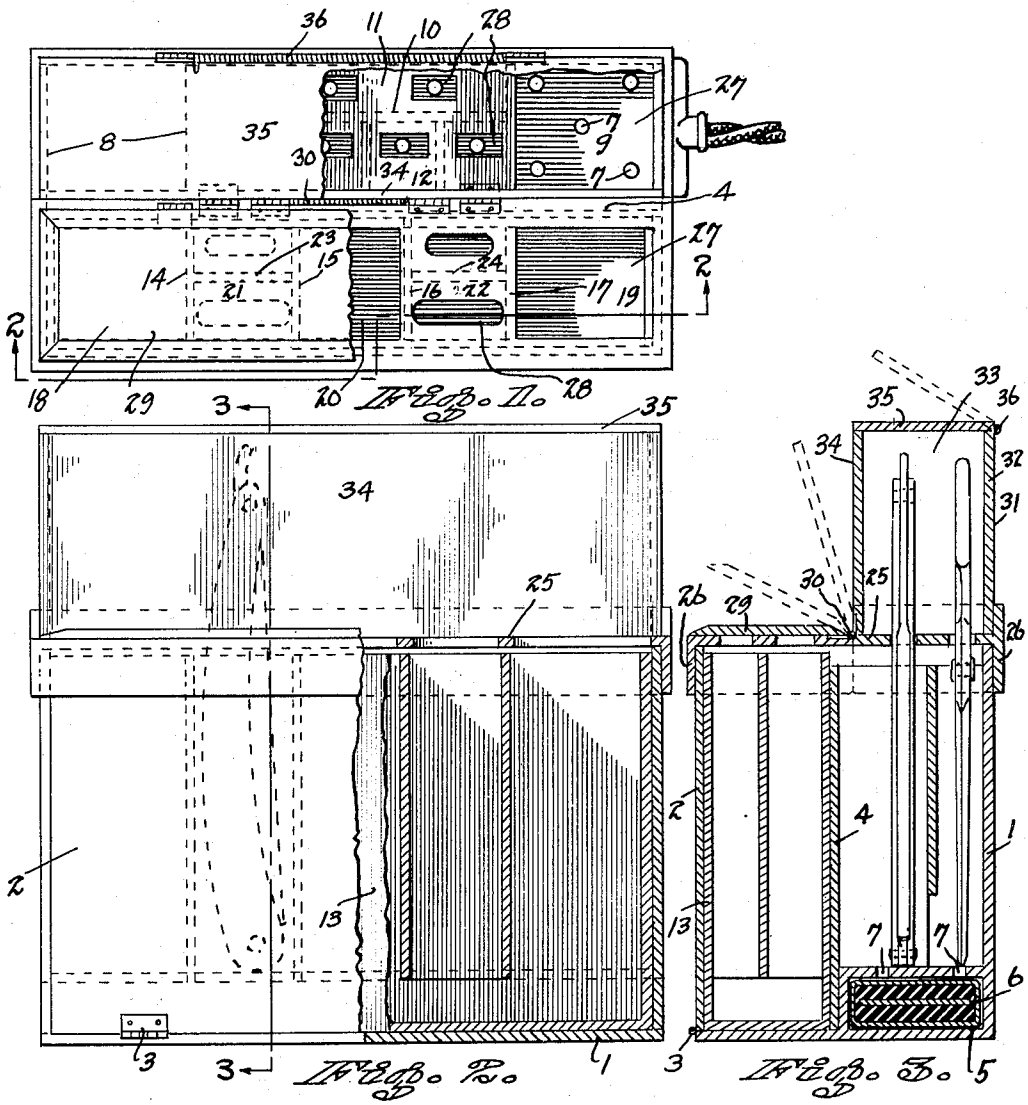
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STERILIZER FOR BARBERS' TOOLS

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STERILIZER FOR BARBERS' TOOLS

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The present invention relates to improvements in sterilizers for barbers' tools, and its principal object is to provide a sterilizer of the character described in which two compartments, similarly constructed and divided into sections for accommodating various barbers' tools, are arranged in adjacent relation, one of the compartments serving as an antiseptic fluid container into which the tools may be dipped and the second compartment serving as a drying compartment and being divided with electrical heating means.

A further object of the invention is to arrange the two compartments relative to one another so that the fluid containing compartment is also subjected to the influence of the heating device and that fumes arising from the fluid may enter the drying compartment for maintaining the air surrounding the tools in an antiseptic condition.

Another object of the invention is to provide a common cover for the two compartments, which includes means for giving access to each section in each compartment independently and to completely cover both of the compartments and also to give access to either one of the compartments as a whole.

Further objects and advantages of my invention will appear as the specification proceeds.

The preferred form of my invention is illustrated in the accompanying drawings, in which

Figure 1 shows a top plan view of my sterilizer, certain portions being broken away to disclose the interior;

Figure 2, a front view of my sterilizer, certain portions being broken away to show the interior; and

Figure 3, a vertical section through the sterilizer taken along line 3—3 of Figure 2.

While I have shown only the preferred form of the invention, I wish to have it understood that various changes or modifications may be made within the scope of the claims hereto attached without departing from the spirit of the invention.

In its preferred form, my sterilizer comprises a rectangular box 1 open on top and provided with a front 2 hinged at the bottom as shown at 3. This box is longitudinally divided into two parts by means of a partition 4 running through the center of the box in parallel relation to the front and rear walls thereof. In the rear section of the box formed by this partition which is removable, there is provided a small rectangular compartment 5 running from end to end and open at both ends, which is adapted to hold a flat electrical heating unit 6, the latter being adapted for introduction from either end.

The top of this small compartment is formed with a plurality of perforations 7, through which heat may rise into the space above.

The latter space is divided into a series of smaller sections by partition walls fastened to the main partition 4 and extending rearwardly therefrom immediately above the heating compartment 5. I preferably provide two comparatively large sections 8 and 9 at the ends of the rear compartment, while the intervening space is again divided into two sections by a partition wall 10, the extreme rear section, indicated at 11, being used for accommodating shears, while the section between the partition wall 10 and the main partition 4 is again divided into a plurality of stalls 12 adapted to hold individual razors in upright position. The sections 8 and 9 are preferably used to accommodate a clipper and a hairbrush respectively.

The compartment in front of the main partition 4 is occupied by a container 13 for an antiseptic fluid, the said container occupying the entire space and resembling in form the rear compartment and divided by a number of partitions 14, 15, 16 and 17 running parallel to the sides of the box into a number of sections, two end sections 18 and 19 corresponding to the sections 8 and 9 for holding a clipper and a hairbrush respectively, the central section between the partitions 15 and 16, shown at 20, serving to hold a plurality of combs and the intervening sections 21 and 22 being subdivided by partitions 23 and 24 to accommodate shears and razors respectively. All the partitions stop short of the bottom of the container so that

the antiseptic fluid may freely flow from one section into the other.

It should also be noted that all the partitions thus far described, as shown particularly well in Figure 3, stop short of the top edge of the box 1 so that even when the box is covered, fumes may freely enter from the fluid container into the rear compartment for maintaining the air in the latter compartment in an antiseptic condition.

To cover the box, I provide a flat top plate 25 having an all-around flange 26 depending therefrom and adapted to be telescoped on the box so as to hold the hinged front piece 2 in place. This flat top 25 is formed with a number of perforations corresponding substantially to the number of sections provided in the two compartments of the box, the perforations 27 for the end sections being substantially coextensive with the area thereof, while the perforations 28 giving access to the smaller sections are made somewhat smaller than the sections themselves to serve as guide means for the razors and scissors to be accommodated in the smaller sections.

The top plate 25 has a lid 29 hinged thereto at its transverse center line, as shown at 30, the lid being adapted to cover the front section of the plate 25. Over the rear section of the cover 25, there is provided a superstructure, shown at 31, including a rear wall 32 forming an extension of the rear wall of the box, two sides 33 forming extensions of the rear sections of the side walls of the box, a front wall 34 hinged to the cover 25 at its transverse center line, so that it may be dropped on the lid 29 for giving access to the tools assembled in the rear compartment and a top cover 35 hinged to the top of the rear wall, as shown at 36.

My sterilizer is used as follows:

The heating element 6 may be introduced into the small rear compartment from either end. The container 13 is filled to a suitable height with an antiseptic fluid, and after a tool has been used, it is dipped into the particular section of the container reserved for the particular tool after the lid 29 has been raised. Thereupon, the lid 29 may be dropped and the front cover 34 is pulled forward to lean on the lid 29 and the tool is introduced into the rear compartment in its respective section. The heat emanating from the lower compartment quickly dries the tool and keeps the entire rear compartment in a dry condition, while at the same time, fumes from the container in the front compartment are allowed to enter the rear compartment for maintaining the air therein antiseptic.

I claim:

1. A sterilizer for barbers' tools comprising a rear compartment divided into a plurality of sections for containing barbers' tools and a front compartment of similar shape adapted to contain an antiseptic fluid, means for holding the compartments in adjacent relation, a passage between them to allow fumes rising from the fluid of the front compartment to enter the rear compartment and a common cover for both compartments having guide openings leading to the various sections.

2. A sterilizer for barbers' tools comprising a rear compartment divided into a plurality of sections for containing barbers' tools and a front compartment of similar shape adapted to contain an antiseptic fluid, means for holding the compartments in adjacent relation, a passage between them to allow fumes rising from the fluid of the front compartment to enter the rear compartment and a common cover for both compartments having guide openings leading to the various sections with a superstructure for the first compartment for covering the tools when in place.

3. A sterilizer for barbers' tools comprising a rear compartment divided into a plurality of sections for containing barbers' tools and a front compartment of similar shape adapted to contain an antiseptic fluid, means for holding the compartments in adjacent relation, a passage between them to allow fumes rising from the fluid of the front compartment to enter the rear compartment, a common cover for both compartments having guide openings leading to the various sections with a superstructure for the first compartment for covering the tools when in place and a hinged cover plate for the second compartment, the superstructure including a hinged front plate adapted to be dropped on the front cover plate for giving access to the tools in the rear compartment.

4. A sterilizer for barbers' tools comprising a front compartment for containing an antiseptic fluid, a rear compartment, a passage between them to allow fumes rising from the fluid of the front compartment to enter the rear compartment, a passage open at both ends underneath the rear compartment and adjacent to the front compartment for allowing a heating unit to be introduced thereto, and a cover for independent access to either compartment.

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