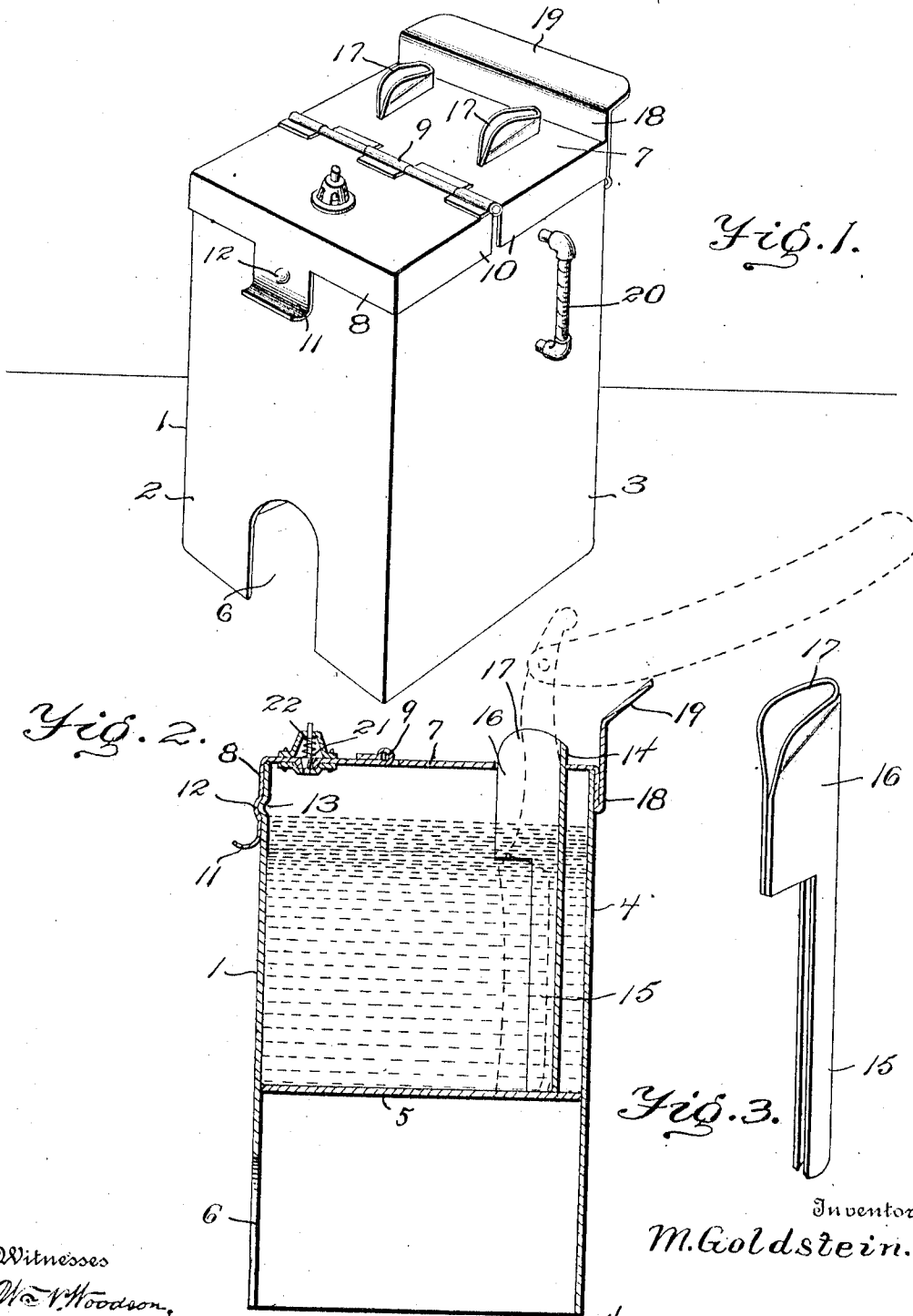


M. GOLDSTEIN.
 RAZOR STERILIZER.
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MARTIN GOLDSTEIN, OF KEYSTONE, WEST VIRGINIA, ASSIGNOR OF ONE-HALF TO
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RAZOR-STERILIZER.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, MARTIN GOLDSTEIN, citizen of the United States, residing at Keystone, in the county of McDowell and State of West Virginia, have invented certain new and useful Improvements in Razor-Sterilizers, of which the following is a specification.

This invention relates to sterilizers, and more particularly to sterilizers for use by barbers in sterilizing razor blades, and the invention aims primarily to provide a sterilizer so constructed as to obviate heating of the handle of the razor while being sterilized and to cause the blade to be subjected to thorough sterilization by heat, such as by steam or hot water.

The invention aims further to so construct the sterilizer that the razor blades to be sterilized may be placed therein without the necessity of opening the sterilizer and allowing the steam therein to escape.

A further aim of the invention is to provide a novel form of blade-holder for a sterilizer and a novel support for the handle of a razor, the blade of which is fitted in the holder.

For a full understanding of the invention reference is to be had to the following description and accompanying drawing, in which:—

Figure 1 is a perspective view of the sterilizer comprising the present invention. Fig. 2 is a vertical sectional view thereof through from front to rear. Fig. 3 is a perspective view of one of the blade holders removed from the sterilizer.

Corresponding and like parts are referred to in the following description and indicated in all the views of the accompanying drawing by the same reference characters.

In the drawing, the container of the sterilizer is indicated in general by the numeral 1 and includes a front wall 2, side walls 3 and a rear wall 4. The bottom of the container is indicated by the numeral 5 and is located a sufficient distance above the lower edges of the walls 2, 3 and 4 to permit of the disposal of a lamp or other heating device beneath the said bottom 5. In order that the heating device may receive proper draft, and may be readily inserted and removed, an opening 6 is formed in the front wall 2 of the container below the plane of the bottom 5. The container is provided

with a cover which consists of a section 7 secured to the container and a section 8 which is hinged to the section 7 as at 9. The section 8 is provided with a flange 10 which fits about the upper end of the container and serves to retain the steam in the container. The section 8 is held closed by means of a tongue 11 preferably integral with its flange 10, at the front thereof, this tongue being formed with an indentation 12 receiving a projection 13 stamped in the forward wall 2 of the container body.

One or any number of razor blade holders are secured through the fixed section 7 of the cover and depend into the container, and each of these blade holders is preferably formed from a sheet metal blank bent to form a back 14 and sides 15 which are spaced and preferably extend the entire length of the back. The sides 15, at their upper portions are relatively wide as indicated by the numeral 16 and converge in the direction of their forward edges, at which edges they are soldered or otherwise secured together. Below the portions 16, the sides 15 are relatively narrow as will be observed by referring to Figs. 2 and 3 of the drawing. The upper ends of the blade-holders are secured through the fixed section of the cover 7 and the portions 16 of the sides are preferably flared above the said section of the cover to form throats 17 designed to permit of the ready insertion of the blades to be sterilized.

In conjunction with the blade holders there is provided a support for the handles of the razors and this support is preferably a continuation of the flange at the rear of the section 7 of the cover, it including a portion 18 which is bent to rest against the flange of said cover section at the rear thereof and projects thereabove and is bent to form a rearwardly extending handle supporting ledge 19.

A water-gage 20 is preferably provided upon one side wall 3 of the container for the purpose of indicating the water level in the container and an escape valve 21, normally held closed by a spring 22 is preferably provided upon the hinged section 8 of the cover and is designed to permit of the escape of steam from the container when a predetermined pressure is reached.

From the foregoing description of the invention it will be readily understood that the razors to be sterilized are to have their blades

inserted into the holders by way of the throats 17 which open above the cover section 7 and that the blades will have their backs resting against the backs of the respective holders 5 and will be exposed to the sterilizing action of the hot water and steam within the container. The shanks of the blades will fit between the portions 16 of the holder and the handles of the razors will be swung back 10 and allowed to rest upon the ledge 19. It will be readily appreciated that the blades may be inserted into place and removed without the necessity of opening the sterilizer which would result in an escape of 15 steam accumulated in the container thereof. Also, the handles of the razors, being supported in the manner shown and described, will be kept cool and will not be subjected to the action of the steam and hot water. 20 The sides 15 of the blade-holders, throughout their relatively narrow portions, are slightly sprung inwardly so as to seat in the grooves in the sides of the razor blade, at the back thereof, and thereby grip the said 25 blade.

Having thus described the invention what is claimed as new is:—

1. A sterilizer comprising a container having a cover, a blade-holder opening 30 through and supported by the cover and depending into the container, and a handle support upon the cover in juxtaposition to the blade-holder.

2. A sterilizer comprising a container, a cover for the container comprising a relatively fixed section and a section hinged thereto, a blade-holder fitted through the fixed section of the cover and depending into the container, and a handle support upon the fixed section of the cover in juxtaposition to the blade-holder. 35 40

3. A sterilizer comprising a container having a cover for the container comprising a relatively fixed section and a section hinged thereto, and a blade-holder supported by the relatively fixed section of the cover and depending into the container, and having its throat presented at the top of the cover. 45

4. A sterilizer comprising a container, a cover for the container comprising a relatively fixed section and a section hinged thereto, the sections having flanges fitting the mouth of the container, one of the flanges having an extension bent to project 50 above the plane of the cover to afford a handle support, and a blade-holder supported by the fixed section of the cover in juxtaposition to the said support and depending into the container. 55 60

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

MARTIN GOLDSTEIN. [L. S.]

Witnesses:

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