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2,441,229

HOLDER AND STERILIZER FOR HAIR CLIPPERS

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Fig. 1.

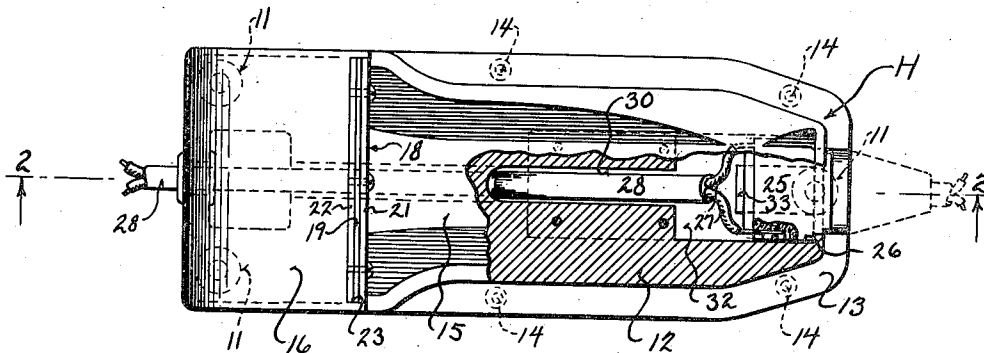


Fig. 2.

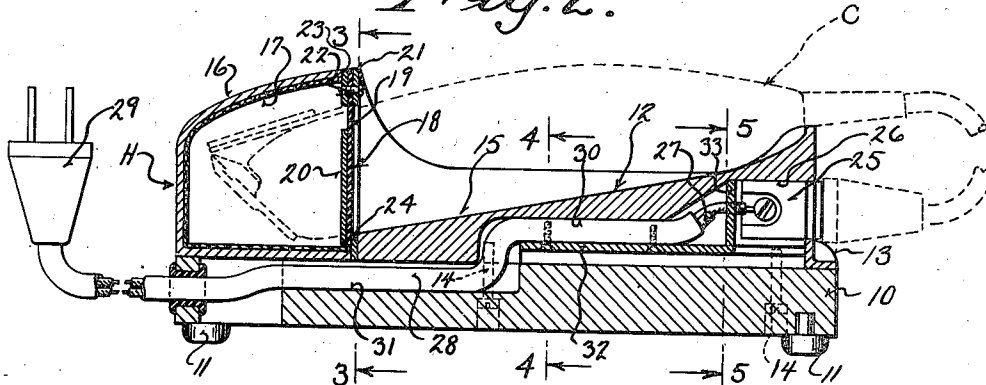


Fig. 3.

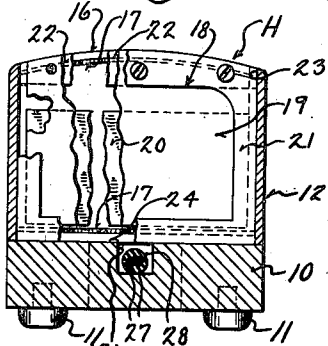


Fig. 5.

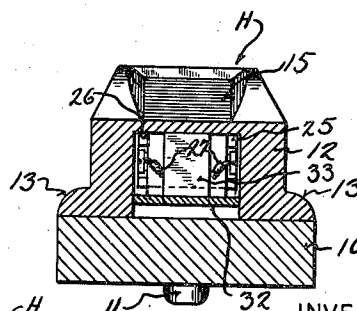
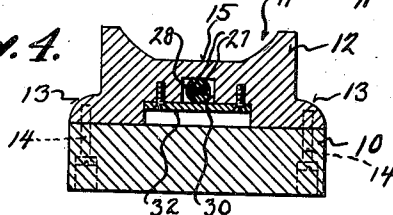


Fig. 4.



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UNITED STATES PATENT OFFICE

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HOLDER AND STERILIZER FOR HAIR
CLIPPERSJulius Schultz, Racine, Wis., assignor to Allover
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4 Claims. (Cl. 21—83)

1

This invention appertains to hair clippers and more particularly to a novel sanitary holder or case therefor.

One of the primary objects of my present invention is to provide a novel device particularly adapted for use by barbers for receiving, sterilizing and holding a hair clipper when the same is not in use.

Another salient object of my invention is to provide a holder or case for hair clippers which can rest on the back counter of a barber shop in convenient reach of the barber and his chair, the holder being so constructed that the major portion of the clipper will be displayed to the customer.

A further object of this invention is to provide a holder or stand for a clipper embodying an open body portion and a normally closed end portion receiving a sterilizing solution, the closed end portion detachably receiving the blade end of the clipper and the open body portion receiving the main part of the clipper; said end portion functioning to keep the blade end of the clipper in a clean, sanitary, and sterilized condition; the open body portion being so shaped as to prevent accidental displacement of the clipper from the holder.

A further important object of the invention is to provide means forming a part of the holder or case, whereby the clipper can be conveniently connected to an electric outlet, the construction being such that detachment of the clipper from the outlet is eliminated when the clipper is not in use.

A further object of my invention is to provide the holder with a heavy sole plate whereby slipping of the holder on the counter is eliminated.

A still further object of my invention is to provide a holder or case for barber's hair clippers which will effectively hold the clipper against displacement and in a sterilized condition and which will present an attractive appearance to the eye and one which can be manufactured and placed upon the market at a reasonable cost.

With these and other objects in view the invention consists in the novel construction, arrangement and formation of parts, as will be hereinafter more specifically described, claimed and illustrated in the accompanying drawing, in which drawing:

Figure 1 is a top plan view of my novel hair clipper holder, parts of the view being shown broken away and in section to illustrate structural detail.

2

Figure 2 is a central longitudinal sectional view through the holder taken on the line 2—2 of Figure 1 looking in the direction of the arrows, a clipper being shown in dotted lines.

Figure 3 is a transverse sectional view through the holder taken on the line 3—3 of Figure 2 looking in the direction of the arrows illustrating swinging closure plate for the normally closed end of the holder.

Figure 4 is a transverse sectional view through the body portion of the holder taken on the line 4—4 of Figure 2 looking in the direction of the arrows.

Figure 5 is a transverse sectional view through the body portion of the holder taken on the line 5—5 of Figure 2 looking in the direction of the arrows.

Referring to the drawing in detail, wherein similar reference characters designate corresponding parts throughout the several views the letter H generally indicates my novel holder for a hair clipper C.

The hair clipper C forms no part of the present invention and has merely been shown in dotted lines in Figure 2 to indicate the position thereof in said holder when the clipper is not in use.

The holder H includes a base or sole plate 10, preferably formed from heavy material, so that the same will rest solid on the surface against creeping movement. If preferred the lower face of the plate 10 can be provided with rubber feet 11 so that the plate will not mar the surface upon which the same may be placed.

Fastened to the upper surface of the plate 10 is the body portion 12 of the holder and this body portion can be formed from any desired material, such as metal, molded plastic, or the like. However, the same can be in the nature of a solid block and provided on its marginal edges with flanges 13, and these flanges can be secured to the plate 10 by fastening elements 14. The upper surface of the body portion 12 is recessed and moulded to form a bed 15 for the body portion of the clipper C. This bed can be in the nature of a groove and this groove inclines downwardly toward a cup portion 16. This cup portion 16 has an open inner end which faces the bed or groove 15, so that the blade end of the clipper C can be readily inserted within said cup. The cup can be provided with a felt or like lining 17. The cup can also receive a piece of raw cotton (not shown) which is adapted to be saturated with a sterilizing solution.

The cup 16 is adapted to be normally closed by a swing door or closure 18. This door preferably,

but not necessarily is formed from a sheet of flexible rubber 19, and the inner face thereof has secured thereto a metal plate 20 which reinforces the rubber sheet and adds sufficient weight and body thereto to insure the downward swinging movement thereof. This closure or door is mounted in a rectangular shaped open frame 21 and the upper edge of the rubber or other flexible sheet 19 is secured to the upper end of the frame.

A retaining plate 22 can be employed for engaging against the flexible door above the reinforcing plate 20. The forward end of the cup can be provided with a guideway 23 at each side thereof for slidably receiving the frame 21 and the bottom wall of the cup can be grooved, as at 24 for receiving the lower edge of the frame.

Obviously when the forward blade end of the clipper is inserted within the cup the closure will be swung upwardly and will rest upon the clipper and the clipper will occupy the major portion of the opening in the door frame 21. The body of the clipper will rest within the bed or groove 15. The sterilizing chemical will function to maintain the cutting blades in sterilized condition and when the clipper is removed from the holder the closure or door 19 will function to hold the fumes within the cup.

In order to aid in the operation of the clipper, my holder can be provided with an electric outlet or receptacle 25. The forward end of the body portion 12 is provided with an opening 26 in which the receptacle 25 is placed and the same is secured in position in any desired way. The terminals of the receptacle have secured thereto the lead and return wires 27 of an electric cord 28. This cord extends out through the rear end of the base and has connected therewith a plug 29 for connection with the conventional wall socket or receptacle which can be connected with the house current. It is to be noted that the lower face of the body 12 at its front end, is grooved longitudinally as at 30 for receiving the cord and that the upper face of the plate 10 adjacent to its rear end is provided with a longitudinal groove 31 for receiving the cord. A holding plate 32 can be secured to the lower face of the body 12 to hold the cord in the groove 30. The forward end of the holding plate 32 can be provided with a struck-up tongue 33 against which the receptacle 25 is adapted to abut.

The plug for the electric cord of the clipper C can be inserted within the receptacle 25 and left permanently attached thereto if desired, and this receptacle 25 forms a convenient means for electrically connecting the clipper with a source of current supply and allows sufficient cord for the clipper to reach a customer in the barber's chair.

From the foregoing description it can be seen that I have provided an exceptionally simple and novel holder and sterilizer for barbers' clippers.

Changes in details may be made without departing from the spirit or the scope of my invention, but what I claim as new is:

1. A holder and sterilizer for hair clippers comprising a base, a receptacle open at its forward end carried by one end of the base, said receptacle being adapted to receive the blade end of a clipper, a hinged door normally closing the open end of the receptacle and said base having a grooved upper surface leading toward the open end of the receptacle and constituting a stand for the body portion of the clipper.

2. A holder and sterilizer for hair clippers comprising a base, a receptacle at one end of said base having its forward end open, the receptacle being adapted to receive the blade end of a clipper, said base having a downwardly inclined cavity on its upper surface leading toward the open end of the receptacle constituting a stand for the body portion of the clipper, and a normally closed hinged door carried by said receptacle for closing the open end thereof and adapted to be swung rearwardly to an open position upon the insertion of the blade end of a clipper in said receptacle.

3. A device for holding and sterilizing a barber's hair clipper on the counter comprising a base plate for resting flat upon the counter, a receptacle on one end of said base plate having one end open for receiving the blade end of a clipper, a body portion on said base plate having a downwardly inclined cavity on its upper face constituting a stand for the body portion of the clipper, said cavity leading toward the open end of the receptacle, an open rectangular frame carried by the front end of the receptacle, and a swinging door carried by the frame normally closing said receptacle and normally held in its closed position by gravity.

4. A sterilizer and holder for hair clippers comprising a base plate, a receptacle on one end of said base plate for receiving the blade end of a clipper, said receptacle having one end open, a body portion on said base plate having a downwardly inclined cavity on its upper face leading toward the open end of the receptacle and constituting a stand for the body portion of the clipper, an electric outlet carried by the front end of the holder for detachably receiving the plug of the clipper, and means electrically connecting the outlet of the holder with the wall electric outlet of a building.

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