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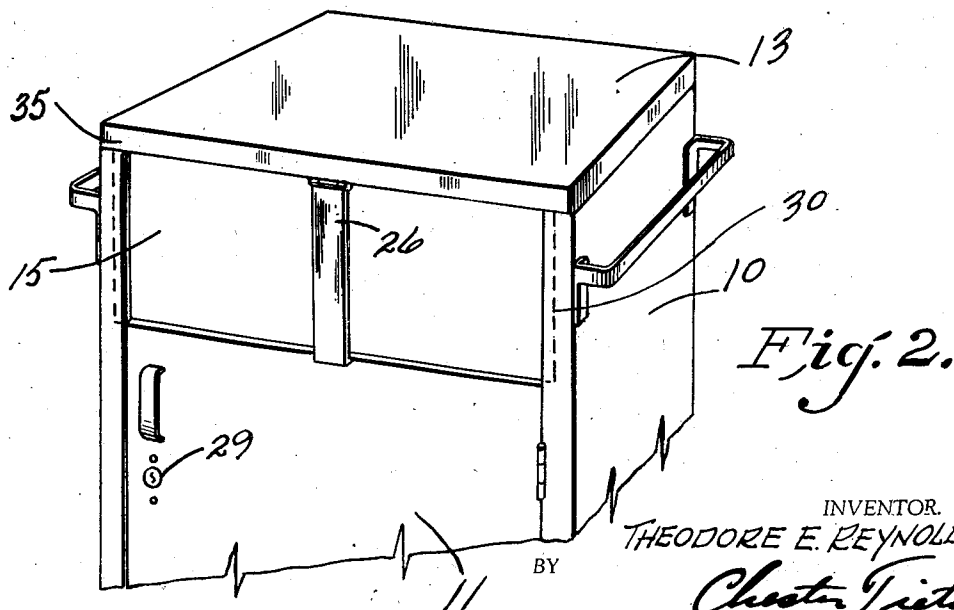
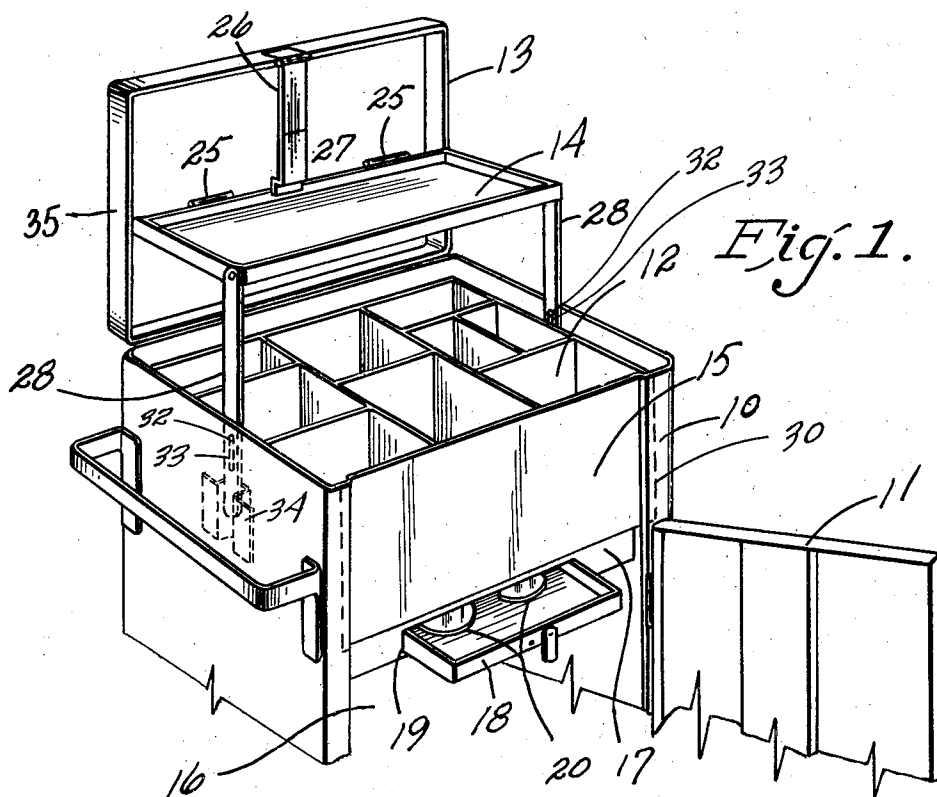
T. E. REYNOLDS

2,269,319

CABINET

Filed Sept. 22, 1939

3 Sheets-Sheet 1



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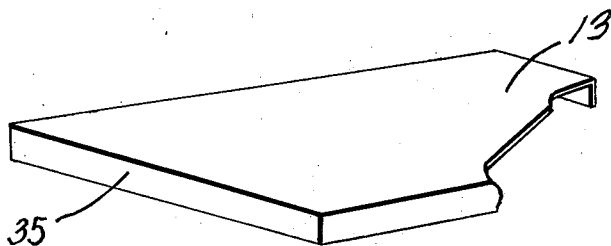


Fig. 4.

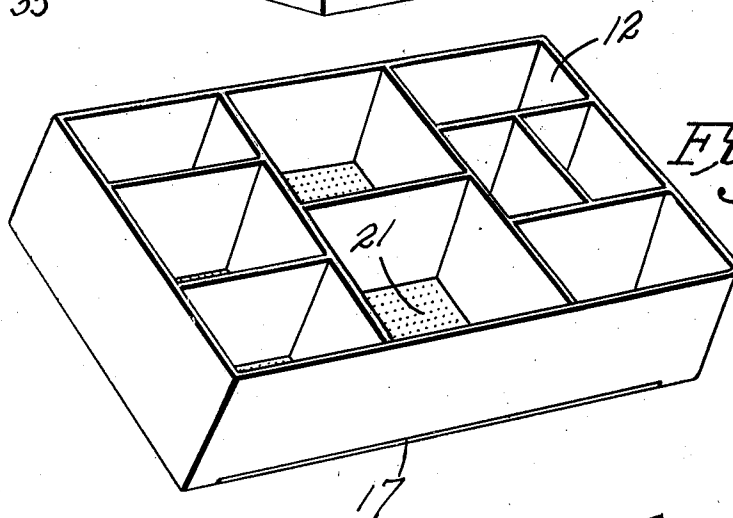


Fig. 3.

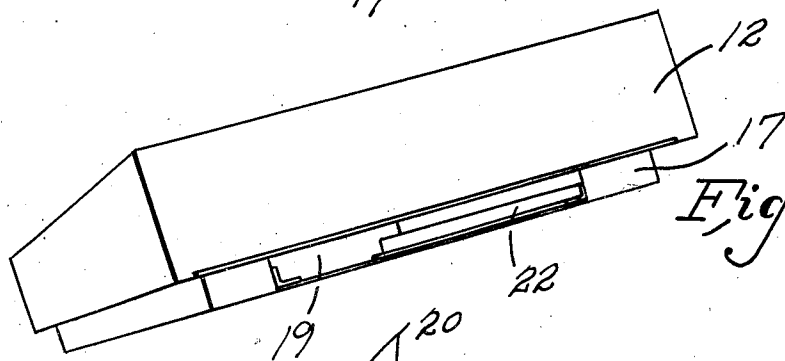


Fig. 5.

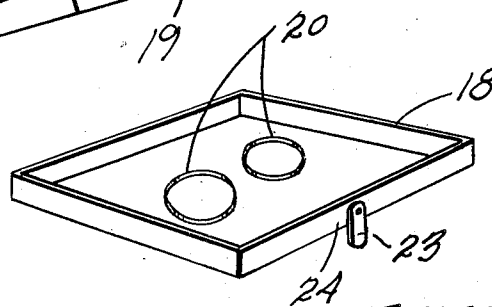


Fig. 6.

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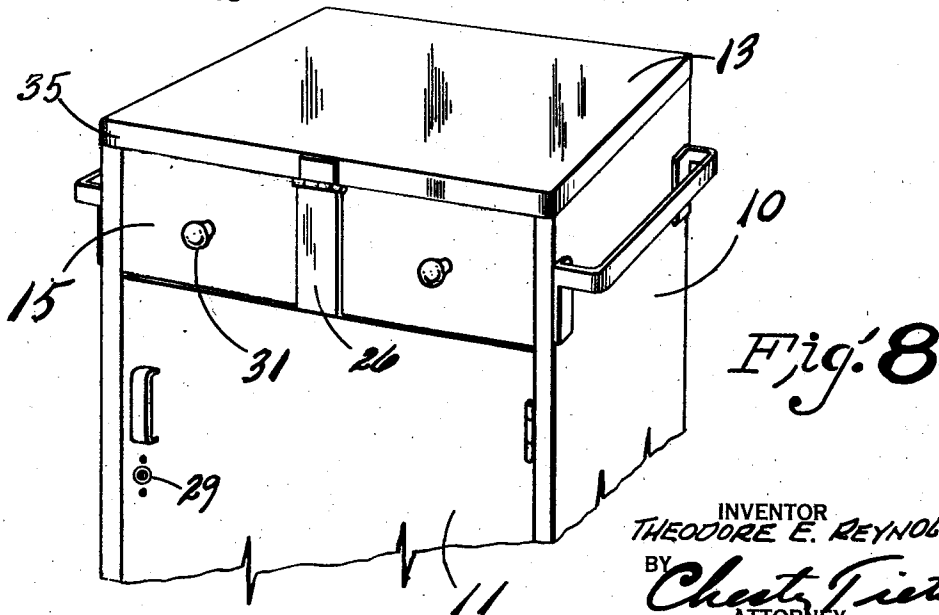
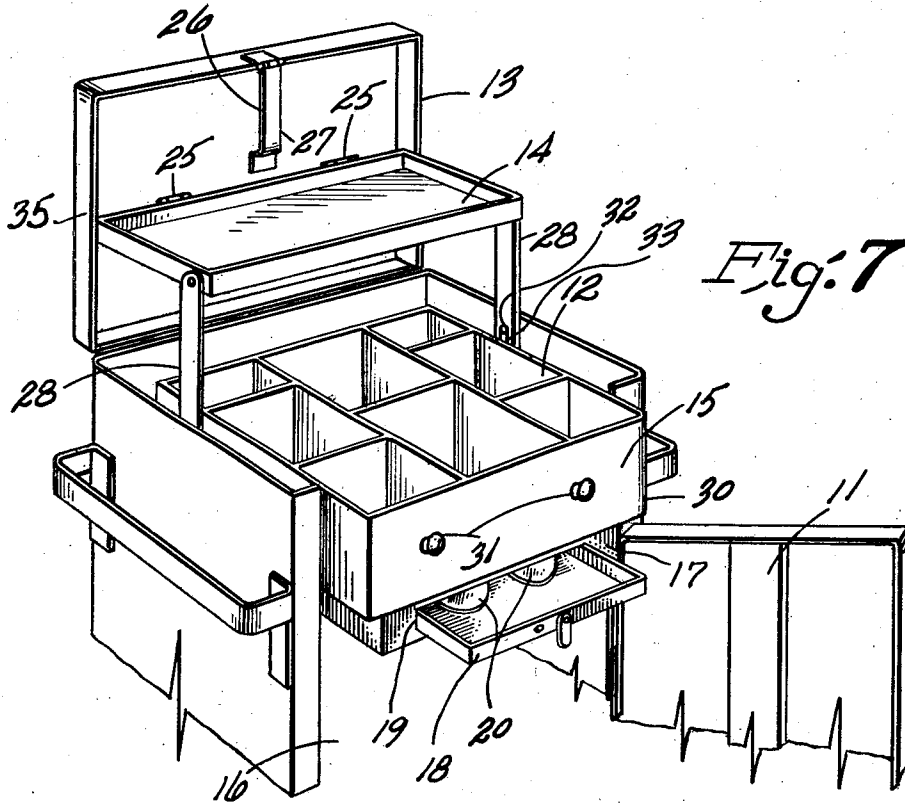
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3 Sheets-Sheet 3



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2,269,319

CABINET

Theodore E. Reynolds, Cincinnati, Ohio

Application September 22, 1939, Serial No. 296,108

4 Claims. (Cl. 312—31)

This invention relates to a cabinet which is intended primarily for use by operators in beauty shops, but which may be employed for any purpose to which cabinets are usually put.

Among the objects of the invention is the provision of a readily removable receptacle which is adapted to sterilize its contents. The receptacle is intended to be removed and exchanged for another of the same sort but containing different tools whenever a change is made from one type of beauty operation to another. A number of prepared receptacles may therefore be kept and quickly inserted or removed whenever a change in beauty treatment to be given occurs.

Another object is to provide a hinged lid and tray which latter is self-erecting when the lid is raised and is adapted to cooperate with the first mentioned receptacle in sealing the atmosphere so that fumes of disinfectants from below will diffuse into the first mentioned receptacle without being unduly diluted with air.

Another object is to provide a locking means on the lid, which means is adapted to cooperate with the drawer and body of the cabinet to prevent unauthorized access to the contents of the trays or cabinet.

Referring to the drawings,

Figure 1 is an oblique view of the upper part of my cabinet, the latter being open and showing the receptacles ready for various kinds of beauty operations.

Figure 2 is also an oblique view showing the opposite or right side, the cabinet being closed.

Figure 3 is an oblique view from above showing the tool receptacle separated from the cabinet.

Figure 4 is a fragmentary view of the lid of the cabinet.

Figure 5 is an oblique view of the receptacle shown in Figure 3, the position in which it is shown being a combination side and end view.

Figure 6 is an oblique view from above of the sterilizer drawer for the receptacle.

Figure 7 is a perspective view of a cabinet according to my invention in which a slidable drawer is substituted for a liftable tray. This view shows the cabinet open and the drawer slid forward.

Figure 8 shows the same cabinet locked and is likewise a perspective view.

Referring now to Figures 1 and 2, 10 is the upper part of a cabinet body; 11 is a door therefor; 12 is an inset tool receptacle; 13 a hinge lid and 14 a self-erecting tray supported jointly by lid 13 and body 10. As will be seen in Figure

1, the normal position of receptacle 12 extends it below a front panel 15 of the cabinet body 10 and into the opening 16 which may be closed by door 11. Such position is made possible for the receptacle by its being under-cut as shown in Figures 3 and 4, the under-cut portion being 17 in these views.

18 is a drawer which is slidable into a recess 19 in undercut portion 17, 20—20 being shallow dishes intended for holding a disinfectant of the volatile type, such as formalin solution. It cooperates with a perforated floor 21 in receptacle 12 to surround the tools within the tray with disinfecting vapor. A slide 22 for the drawer is shown in Figure 5, there being a similar one on the left side of opening 19. A swingable catch 23 is shown in Figure 6, the function of which is to provide a handle for the withdrawal of drawer 18. Pivoted upon one of its ends, it can be locked to a horizontal position by means of a detent 24 to facilitate insertion and removal of receptacle 12.

Angle iron supports are provided within body 10 for engagement with receptacle 12 which may be carried upon them just above undercut portion 17. The latter portion is just long enough to permit drawer 18 to be slid forward below panel 15 without occupying a great deal of space 16.

Lid 13 may or may not be directly hinged to the cabinet body 10. It is preferably hinged only to the tray 14 by hinges 25 at the approximate middle of its interior surface. A hinged strap 26 is provided at its top edge, this strap being provided at its lower end with a tongue 27 which is bent in at a right angle. Lid 13 is provided with a deep flange 35 which forms as near a vapor tight seal with body 10 as can be obtained by ordinary production methods. In this way it cooperates with receptacle 12 and drawer 18 to disinfect the contained tools. It also cooperates with strap 26 to make the cover 13 impossible of removal by ordinary means when door 11 is locked over tongue 27 despite the absence of rear hinges, if the flange is, as intended, deeper than the play between the lid and the sides of the cabinet body 10. It may be possible to cant or cock the lid to some extent, but it cannot be removed without destruction.

In that modification of the cabinet in which lid 13 is hinged to the rear of cabinet body 10, a deep flange 35 is not necessary; a shallow flange will do as well. Another modification which is permissible without departing from the spirit of my invention is to make the front panels 15 and

17 the front of a forwardly slidable drawer 30, the body of which drawer is a receptacle 12 such as the modification which is shown in Figure 7 in the open position and in Figure 8 in the locked or closed position. In the drawer construction 31—31 are drawer pulls between which the strap 26 and tongue 27 may be inserted over the drawer front before the cabinet is locked. The right angled portion of tongue 27 is, of course, locked under door 11 when safe-keeping of the drawer contents is desired. The door is likewise locked when sterilization by action of the antiseptic in dishes 20 is desired. Slides are provided inside the body 10 in this modification, for the support and easy operation of the drawer 30. In Figure 7, it is shown that the shallow container 18 which contains the sterilizing dishes 20 may be mounted and supported in a front panel 17 which is the equivalent of panel 17 shown in Figure 5. It lies well within the skill of a cabinet maker in process of this disclosure to mount the container 18, so that it will be, as is essential to this invention, in fluid connection with the interior of drawer 30 through the perforated bottom 21. By this means sterilization of the contents of the drawer is brought about.

Tray 14 is supported not only by hinges 25 but also by a pair of pivoted legs 28. The latter are attached to the sides of tray 14 at the forward corners thereof and to the inner sides of body 10 near the middle of said sides by means of pivots 32 extending through a slot 33 in each leg 28. Legs 28 are received in sockets 34 below the level of the widest portion of receptacle 12. The sockets 34 are adapted to prevent legs 28 from moving from an erect position unless they are first pulled upward. Pivots 32 cooperate with hinges 25 in supporting the tray 14. Enough horizontal space is left forward and rearward of pivots 32 in body 10 to accommodate the length of the legs 28 when they pivot about 32 and are folded into the cabinet body. Enough vertical space is left above receptacle 12 to accommodate these legs and receptacle 14.

Operation occurs as follows: Starting with the open position as shown in Figure 1, receptacle 12 can be lifted out if desired. The forward end should be lifted first and the receptacle then slid forward and upward. If tray 12 is built in the form of a drawer, the drawer-pull 31 need only be grasped and pulled forward. To close lid 13, tray 14 is first lifted sufficiently to pull the lower ends of legs 28 out of sockets 34. During this movement, slot 33 permits pivot 32 to be received in the opposite or lower end of the slot. Tray 14 together with lid 13 is then pulled forward and down and legs 28 fold into body 10 above receptacle 12, with a pivoting motion about pivot 32. Strap 26 is then guided through drawer-pull 31, if the cabinet has the drawer construction. In either case, tongue 27 is fitted below panel or drawer front 15, drawer 18 having meanwhile been closed. Door 11 is then closed and locked over tongue 27 thus securely holding down lid 13. Door 11 is then locked by means of lock 29 thus making the cabinet tamper-proof and substantially vapor tight so that the disinfectant contained in the dishes 20 may permeate the entire cabinet and sterilize its contents.

It is to be understood that the floor of the undercut portion 17 of tray 12 is not identical with perforated floor 21. The floor of portion 17 consists only of enough structure to support drawer slides 22 and that these slides in turn

support drawer 18. The area between points of support for slides 22 is entirely cut away so that the fumes from the disinfectant in dishes 20 may reach the lower part of the cabinet as well as the upper part.

I claim as my invention:

1. In combination in a cabinet, a body, a door for the front of said body and hingedly mounted thereon, a panel above said door, a receptacle supported within said body substantially behind said panel, a multi-perforated floor in said receptacle, an undercut portion on said receptacle, said portion extending below said panel into the opening closable by said door, a lid closable over the top of said cabinet, a flange on said lid, a strap hingedly mounted on the forward portion of said flange, and an angled tongue on the free end of said strap whereby when said door is closed over said tongue, said lid is locked to said body in a substantially vapor-tight manner.

2. In combination in a cabinet, a body, a door hingedly mounted on the front of said body, said door being adapted to close optionally an opening in said body, a panel above said door, a receptacle supported within said body behind said panel, an undercut portion on said receptacle, said portion being adapted to receive supporting means at the shoulder thereof, said undercut portion extending below said panel into the opening closable by said door, a drawer extending into said undercut portion and extensible forwardly through the opening which may be covered by said door, a lid adapted to cover the top of said cabinet in a substantially vapor-tight manner, a second tray hingedly attached to the inner surface of said lid, supporting legs pivotably mounted on said tray at the forward corners thereof, said tray being adapted to fit into said body between said lid and said first mentioned receptacle when said lid is closed, and a strap extending downward and hingedly from the forward edge of said lid, a right angled tongue at the free end of said strap, said tongue being adapted to fit under the upper edge of said door and to be retained by said door when said door is locked.

3. In combination in a cabinet, a body, a door for the front of said body, hinged mountings for said door, a drawer above said door, a multi-perforated floor in said drawer, an undercut portion at the bottom of said drawer, a smaller drawer fitting into said undercut portion below said perforated floor, a lid hingedly mounted on the rear edge of said body and adapted to fit over the top of said body, a strap on the forward edge of said lid said strap being adapted to fit the front of said drawer, a tongue on said strap, said tongue being adapted to fit under the front panel of said drawer and to be retained by said door when the latter is closed, said door and said lid making said cabinet substantially vapor tight.

4. In a cabinet, a body open at the top and in its lower front portion, said body being adapted to retain a receptacle in its upper portion, a receptacle so retained, a multi-perforated bottom in said receptacle, an undercut portion about the bottom on said receptacle, said undercut portion being adapted to receive and to retain a small drawer, a small drawer fitting into said undercut portion, a solid panel extending across the front of said cabinet at its upper part and above the undercut portion of said receptacle, a lid hingedly mounted on the rear edge of said

body, a tray hingedly mounted at the approximate middle of the inner surface of said lid, a pair of legs pivotably mounted on the inner sides of said body at the approximate middle thereof, sockets adapted to receive the lower ends of said legs, said sockets being attached to the inner sides of said body, vertical slots in said legs, pivots extending through said slots and rigidly mounted near the upper edge of said body above said sockets, pivots joining said legs to said second mentioned tray, a door hingedly mount-

ed on the front of said body and adapted to close the opening in the front of said body, a strap hingedly mounted on the front edge of said lid, a tongue on said strap, said tongue being adapted to be received under the front panel of said cabinet and to be retained when said door is closed over it to prevent unauthorized access to said cabinet and to hold said lid in substantially vapor tight junction with said body.

THEODORE E. REYNOLDS.