June 16, 1931. G. FLINTERMANN 1,810,652

SHAVING KIT

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Fig. 1,

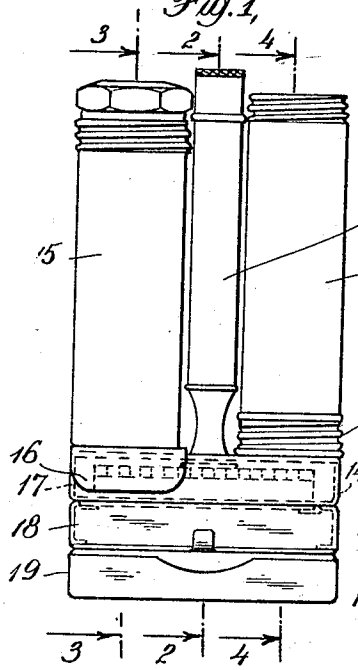


Fig. 2,

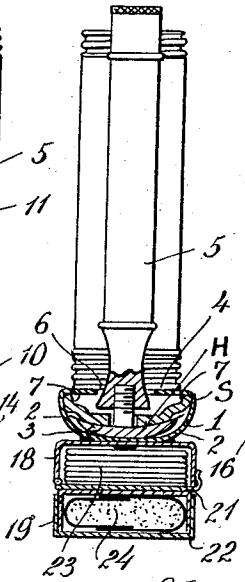


Fig. 3,

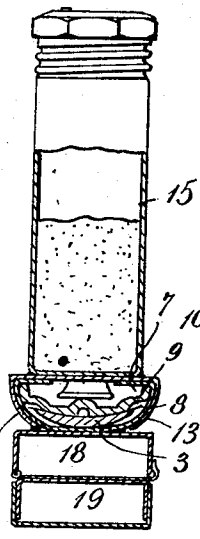


Fig. 4,

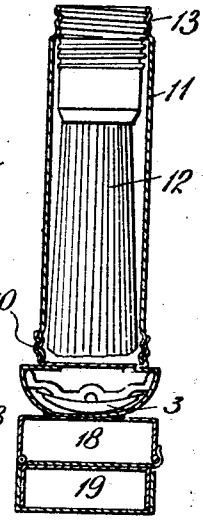


Fig. 5,

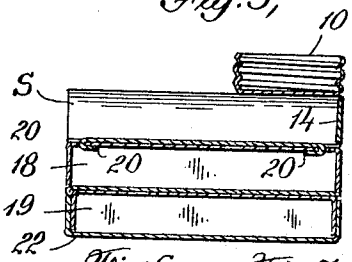


Fig. 6

Fig. 7,

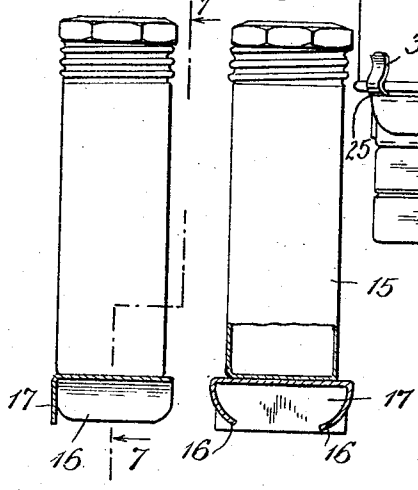


Fig. 8,

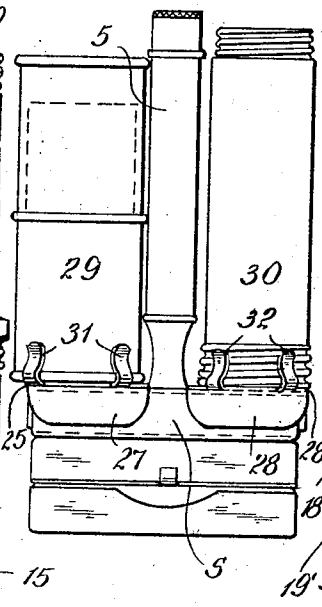
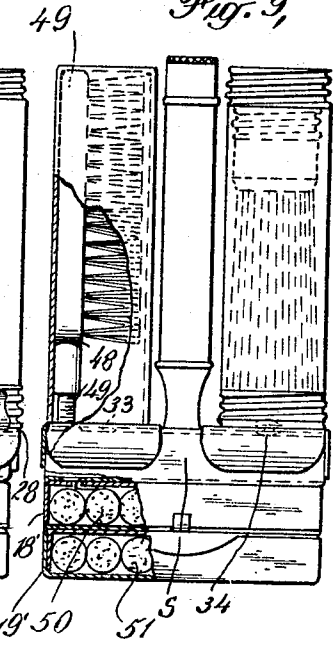


Fig. 9,



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Fig. 10,

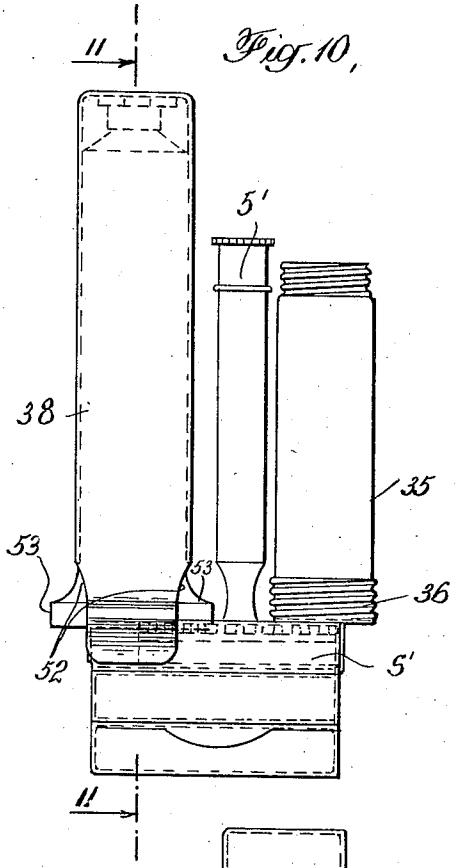


Fig. 11

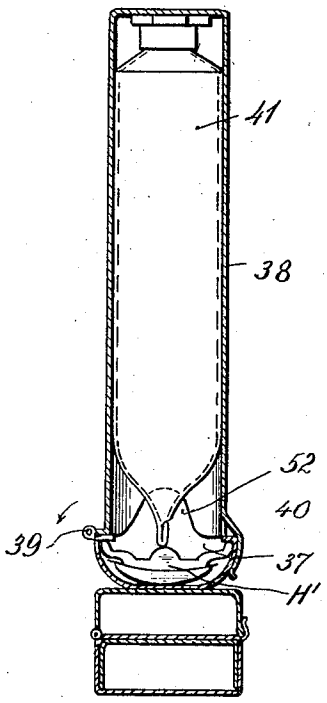


Fig. 12,

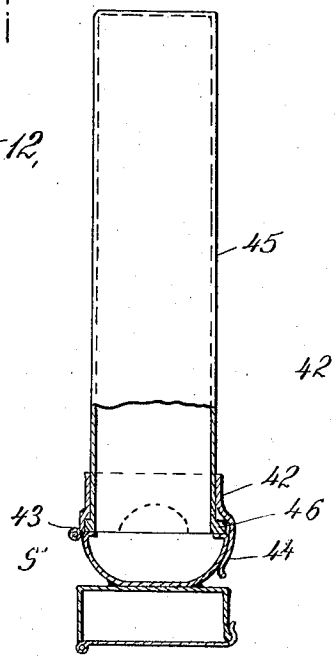
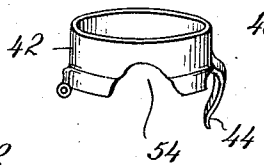


Fig. 13,



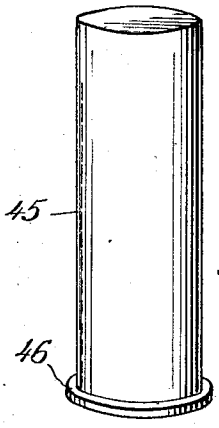


Fig. 14

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UNITED STATES PATENT OFFICE

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SHAVING KIT

Application filed February 26, 1931. Serial No. 518,344.

This invention relates to shaving or toilet kits and more particularly concerns an assembly of this kind adapted to carry a safety razor and the usual shaving and toilet accessories.

It is desirable, particularly when traveling, to carry a safety razor and the usual shaving and other toilet accessories in a single container or kit. Known toilet kits of this type are not convenient to pack in a limited space because of their bulk, and are further unsatisfactory in that the cutting edges of the razor blade are usually unprotected and so likely to come into contact with and injure other articles in the kit and to become dulled by such contact.

It is the object of the present invention to provide an extremely compact unitary shaving and toilet kit for use primarily in traveling. More specifically, the invention contemplates the provision of a unitary toilet kit including a razor shield for enclosing and protecting the head and the cutting edges of the blade of a safety razor, together with one or more containers for enclosing various shaving or toilet accessories arranged to lock or secure the razor head within the shield and to lie substantially parallel to the razor handle when in such locking position.

Various other objects and characteristic features of the invention will become apparent as the description thereof progresses.

The toilet kit of the present invention is designed to carry a razor of the Gillette type, that is, a safety razor having an arcuate shaving head with a handle detachably secured thereto and extending substantially at right angles therefrom. My improved kit comprises essentially a shield or protector for the razor head having inwardly bent edges for enclosing the cutting edges of the razor blade, such edges forming therebetween a transverse opening or slot for the reception of the razor handle, together with one or more containers for shaving or toilet accessories movably attached to the shield and acting when in the closed and attached position to lock or secure the razor head within the shield. In one form of the invention, one container or a part thereof is permanently fixed to the razor head shield across the opening therein to prevent movement of the razor from the shield in one direction and another container or part thereof is detachably secured to the shield across the opening to at times prevent movement of the razor from the shield in the opposite direction. The containers employed may house various shaving and toilet accessories such as a shaving brush, shaving soap in the form of powder, cream or cake, or a tooth brush. It is usually preferred to provide additional containers fixed to the shield for carrying extra razor blades, tooth powder, shaving powder or other accessories.

The invention will be best understood by reference to the accompanying drawings, in which certain embodiments of my improved kit have been illustrated. In the drawings:

Figure 1 is an elevation of one modification of my improved kit;

Figs. 2, 3 and 4 are respectively sectional views, taken along the lines 2—2, 3—3, and 4—4 of Fig. 1, and viewed in the direction of the arrows;

Fig. 5 is a sectional view of the shield and blade boxes of the kit shown in Figs. 1, 2, 3 and 4;

Fig. 6 is a side elevation, partly in section, of the removable container of the kit shown in Fig. 1;

Fig. 7 is a sectional view taken along the line 7—7 of Fig. 6;

Fig. 8 is an elevation, similar to Fig. 1, showing a modified form of my improved kit;

Fig. 9 is an elevation, partly in section, of a further modification of the invention;

Fig. 10 is an elevation of a still further modification of the kit of the invention;

Fig. 11 is a sectional view, taken along the line 11—11 of Fig. 10;

Fig. 12 is a sectional view, similar to Fig. 11, showing a modified form of accessory container; and

Figs. 13 and 14 are perspective views of the parts of the container shown in Fig. 12.

Referring to the drawings, and more particularly to the modification of the invention shown in Figs. 1 through 7, the kit disclosed comprises generally a razor head shield or

protector S, preferably formed of a single piece of sheet metal. The shield S has a curved lower face 1 which conforms more or less to the arcuate surface 2 of the back plate 3 of the razor head H, and is provided with two inwardly extending ends 4, the opposite edges of which are spaced to form a transverse opening or slot 6 through which the handle 5 of the razor extends. The inwardly extending ends 4 of the shield S form pockets 7 which enclose the cutting edges 8 of the razor blade and the edges of the back plate 3 and guard 9. If desired, the shield S may be provided with an upturned portion 14 for closing one end thereof as shown in Figs. 1 and 5.

As clearly shown in Fig. 1, a cap 10 or other suitable part of a container 11 is fixed to the upper surface of the shield S across the opening 6 therein by suitable means such as soldering or welding. The container 11, as shown in Figs. 1 and 4, may comprise a shaving brush of the type in which the brush portion 12 is housed within the container 11 when not in use and is screw threadedly connected into the upper end 13 of the container 11 when this container is removed from the cap 10, the container 11 serving as a handle for the brush when in use. The fixed cap 10 bridges the opening 6 in the shield S near one end thereof and prevents the removal of the razor from the shield in one direction by engaging the razor handle 5 as shown in Fig. 1.

A second container is movably secured to the shield S across the opening 6 therein on the opposite side of the razor handle 5 from the fixed container 11. This second container serves to secure or lock the razor within the shield. Thus, as shown in Figs. 1 through 7, a container 15 for carrying shaving soap powder or any other toilet accessory is provided with a pair of spaced inwardly curved clips 16 at its lower end, and these clips resiliently engage the outer curved surface of the shield S when the container is in place, as shown in Fig. 3. An end closure member 17 may be provided on the container 15 for closing the end of the shield S when the container is in place on the shield.

It will be clear that in assembling the kit, the razor head H is first slipped into the shield S with the handle 5 protruding through the opening 6 until the handle 5 comes into contact with the fixed container 11, whereupon the movable container 15 is secured to the shield S across the opening 6 by means of the clips 16, the container 15 thus locking the razor against accidental removal from the shield.

It is usually preferred to provide on the kit suitable containers for razor blades and other toilet accessories. To this end, one or more containers or boxes 18 and 19 may be secured to the underside of the shield S. As shown in Fig. 5, the uppermost container 18 may be fixed to the underside of the shield S by the lugs 20 formed integrally with the shield and extending through openings in the container 18. The container 18 has a hinged cover 21 to which the second container 19 may be fixed by soldering or welding, and a frictionally held cover 22 may be provided on the container 19. As shown in Fig. 2, a plurality of razor blades 23 may be carried in one of the containers 18 and capsules 24 of tooth powder, shaving soap or other shaving, toilet or medical preparations may be carried in the other container 19.

If desired, both of the containers may be removably secured to the shield S and may be removable therefrom without releasing the razor from the shield. Thus, as shown in Fig. 8, two container holders 25 and 26 may be respectively secured to the shield S on opposite sides of the razor handle 5 by means of the inturned spring clips 27 and 28, and the containers 29 and 30 may be movably secured to the holders by means of the upwardly extending spring clips 31 and 32 thereon. If desired, the containers may be fixed to the holders, and this arrangement is shown in Fig. 9 where the rivets 33 and 34 are employed for this purpose.

In some cases, it is preferred to permanently connect both of the containers to the razor shield on either side of the razor handle and to arrange at least one of these containers so that it can be moved to a position to clear the opening in the shield and so permit the removal of the razor therefrom. Thus, as shown in Figs. 10 through 14, one container 35, in this case, a shaving brush container similar to the container 11 of Fig. 1, has its cap 36 permanently fixed to the shield S′ across the opening 37 in the shield and to one side of the razor handle 5′, whereas, the other container 38 is hingedly connected at 39 to one edge of the shield S′ and is provided with a spring latch 40 for releasably engaging the opposite edge of the shield. It will be readily apparent that when the latch 40 is released, the container 38 may be swung back on its pivot 39 in the direction of the arrow in Fig. 11 and thus moved out of the path of the razor handle 5′ whereupon the razor may be removed laterally from the shield S′. When the container 38 is swung to the open position as explained above, the tube of shaving cream 41 or other accessory may be removed therefrom.

In the form of the invention shown in Figs. 12, 13 and 14, a ring 42 is hingedly connected to one edge of the shield S″ at the point 43 and a spring latch 44 is provided opposite the hinge to releasably engage the other edge of the shield. A container 45 is passed within the ring 42 and a flange 46 on the open end of this container engages with a groove at the base of the ring 42 as clearly shown

in Fig. 12. The container 45 may be fixed to the ring 42 or removable therefrom as desired.

Various accessories may be carried in the containers of my improved kit. Thus, as shown in Fig. 9, a tooth brush 47 having a screw threaded stud 48 may be housed within the container 49 and the handle 5 of the razor may be attached to the stud 48 and used as the handle of this tooth brush. When the tooth brush is carried in the kit, it is preferred to provide capsules 50 of tooth powder as well as capsules 51 of shaving soap powder within the containers 18′ and 19′. When a tube of shaving cream or tooth paste, such as the tube 41 shown in Figs. 10 and 11, is carried in the kit, the container 38 housing such tube is preferably provided with cut-away portions at either side of its lower end as shown at 52 in Figs. 10 and 11, these portions being adapted to receive the outwardly flaring ends 53 of the tube while the lower edge of the tube extends within the opening 37 of the shield and rests upon the razor head H′, as shown in Fig. 11. The ring 42 of the modified form shown in Figs. 12 and 13 may be provided with corresponding notches or cut-away portions 54 and a tube of paste or cream may be substituted for the container 45 in this ring, if desired.

Due to the arrangement of the razor locking containers in positions substantially parallel to the razor handle, the kit of the present invention is of extremely compact design and small overall dimensions, and can be readily carried in the pocket of a traveler or in any other small space.

Although the invention has been disclosed in connection with certain specific embodiments, it should be understood that the invention is not limited to the exact physical arrangements shown but includes all such modifications thereof as fall within the scope of the appended claims.

I claim:

1. In a toilet kit of the character described, in combination with a safty razor having a cutting head and a handle extending away from said head, a shield for said razor head having a transverse passage for the reception of said head and a transverse opening in said passage for the reception of said handle, means fixed to said shield for preventing the movement of the razor head from said shield in one direction, and means movably secured to said shield for at times preventing the movement of the razor head from said shield in the opposite direction.

2. In a toilet kit of the character described, in combination with a safety razor having a cutting head and a handle extending substantially at right angles to said head, a shield having a transverse passage therein for the reception of said head and a transverse opening in said passage for said handle, means fixed to said shield across said opening for limiting the movement of said head from said shield in one direction by engagement with one side of said handle and means movably secured to said shield across said opening for at times limiting the movement of said head from said shield in the other direction by engagement with the other side of said handle.

3. In a toilet kit of the character described, in combination with a safety razor having a cutting head and a handle extending away from said head, a shield for said razor head having a transverse passage for the reception of said handle, means fixed to said shield for preventing the movement of the razor head from said shield in one direction and a container movably secured to said shield for at times preventing the movement of the razor head from said shield in the opposite direction.

4. In a toilet kit of the character described, in combination with a safety razor having a cutting head and a handle extending substantially at right angles to said head, a shield having a transverse passage for the reception of said head and a transverse opening in said passage for said handle, a container having at least a part thereof fixed to said shield across said opening for limiting the movement of said head from said shield in one direction by engagement with one side of said handle and a second container movably secured to said shield across said opening for at times limiting the movement of said head from said shield in the opposite direction by engagement with the other side of said handle.

5. In a toilet kit of the type described, in combination with a safety razor having a cutting head and an elongated handle extending away from said head, a shield for said razor head having a transverse passage for the reception of said head and a transverse opening in said passage for the reception of said handle, means fixed to said shield for preventing the movement of the razor head from said shield in one direction and an elongated container movably secured to said shield for at times preventing the movement of the razor head from said shield in the opposite direction, said container lying substantially parallel to the razor handle.

6. In a toilet kit of the character described, in combination with a safety razor having a cutting head, and an elongated handle extending away from said head, a shield for the razor head and means for locking the head within the shield including an elongated shaving accessory container movably secured to said shield in a position substantially parallel to the razor handle.

7. In a toilet kit of the character described, in combination with a safety razor having a cutting head and a handle extending sub-

stantially at right angles to said head, a shield having a transverse passage for the reception of said head and a transverse opening in said passage for said razor handle, means for preventing the movement of said razor head from said shield in one direction and means pivotally secured to said shield and releasably secured across said opening for at times preventing the movement of said razor head from said shield in the opposite direction by engagement with the razor handle.

8. In a toilet kit of the character described, in combination with a safety razor having a cutting head and a handle extending substantially at right angles to said head, a shield having a transverse passage for the reception of said head and a transverse opening in said passage for said razor handle, means for preventing the movement of said razor head from said shield in one direction, a container for toilet accessories hingedly secured to said shield and means for releasably securing said container across said opening in a position to prevent the movement of said razor head from said shield in the opposite direction by engagement with the razor handle.

9. In a toilet kit of the character described, in combination with a safety razor having a cutting head and an elongated handle extending substantially at right angles to said head, a shield having a transverse passage for the reception of said head and a transverse opening in said passage for said razor handle, means for preventing the movement of said razor head from said shield in one direction, an elongated container for toilet accessories hingedly secured to said shield on one side of the opening and means for releasably securing one end of said container across said opening with said container substantially parallel to the razor handle whereby the movement of said razor head from said shield in the opposite direction is prevented by the engagement of the razor handle with said container.

10. In a toilet kit of the character described, in combination with a safety razor having a cutting head and a handle substantially at right angles to said head, a shield having a transverse passage for the reception of said head and a transverse opening in said passage for said razor handle, a container having at least a part thereof fixed to said shield across said opening on one side of said handle for preventing the movement of said razor head from said shield in one direction, a second container hingedly secured to said shield on the other side of said handle and means for releasably securing said second container across said opening in a position to prevent the movement of said razor head from said shield in the opposite direction.

11. In a toilet kit of the character described, in combination with a safety razor having a cutting head and an elongated handle extending substantially at right angles to said head, a shield having a transverse passage for the reception of said head and a transverse opening in said passage for said razor handle, an elongated container having at least a part thereof permanently secured to said shield across said opening on one side of said handle and extending from said shield in a position substantially parallel to said handle, a second elongated container hingedly secured to said shield on the other side of said handle and means for releasably securing said second container across said opening in a position substantially parallel to said handle.

In testimony whereof I affix my signature.

GERHARD FLINTERMANN.