

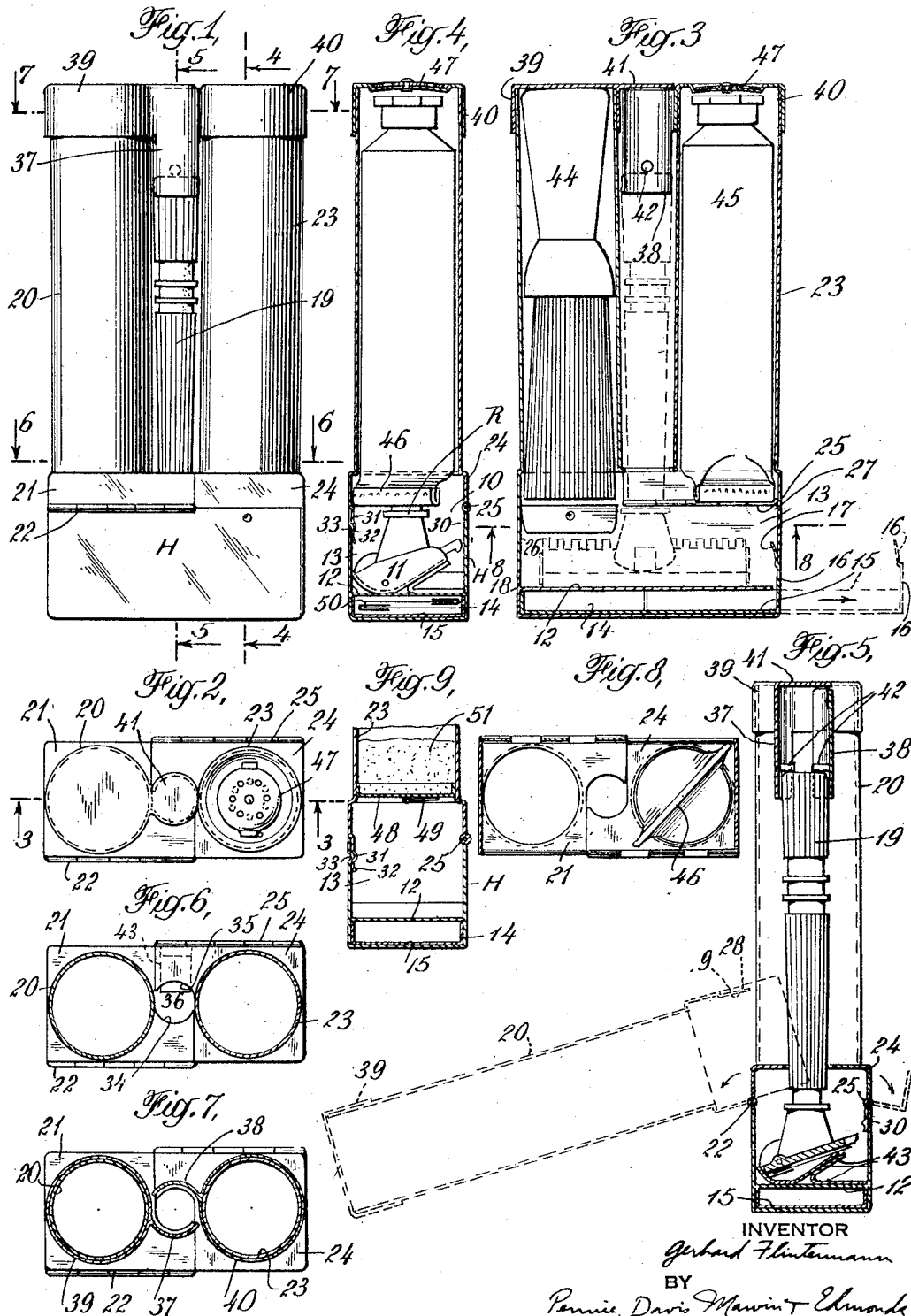
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RAZOR KIT

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RAZOR KIT

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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 an 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 kit including means 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 protective means, 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 type having a shaving head with a handle secured thereto and extending substantially at right angles therefrom. My improved kit comprises essentially a protective housing or shield for the razor head, such housing having an opening in one side thereof through which the head may be inserted or withdrawn, together with one or more containers for shaving or toilet accessories movably attached to the housing and acting when in the closed position to close the opening in the housing and so lock or secure the razor head therein. In a preferred form of the invention, the containers are hingedly secured to opposite sides of the housing and arranged to swing in opposite directions to uncover the opening, the two

containers acting when in the closed position to respectively cover the parts of the housing opening on opposite sides of the razor handle which extends therefrom. It is usually preferred to provide a separate compartment in the housing for carrying extra razor blades or other accessories.

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

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

Fig. 2 is a plan view of the kit shown in Fig. 1;

Fig. 3 is a sectional view taken along the line 3—3 of Fig. 2 and viewed in the direction of the arrows;

Figs. 4, 5, 6 and 7 are respectively sectional views taken along the lines 4—4, 5—5, 6—6 and 7—7 of Fig. 1 and viewed in the direction of the arrows;

Fig. 8 is a sectional view taken along the line 8—8 of Fig. 3 and viewed in the direction of the arrows; and

Fig. 9 is a partial sectional view, similar to Fig. 4, showing a modified form of the invention.

Referring to the drawing, the kit disclosed comprises generally a razor head housing of generally box-like form indicated at H and preferably formed of a single piece of drawn sheet metal. The housing has an open upper end 10 through which the head 11 of the razor R may be inserted and withdrawn. As shown in Fig. 4, a partition 12 preferably extends across the interior of the housing H adjacent the lower end thereof to divide the interior of this housing into an upper razor head compartment 13 and a lower blade compartment 14.

A drawer 15 may be slidably carried within the blade compartment 14, and this drawer is preferably formed with a flanged outer end 16 extending upwardly therefrom across the end of the razor head compartment 13 when the drawer 15 is closed, as shown in Fig. 3. The upper end of the flange 16 is offset inwardly within the housing H, as indi-

cated at 17 in Fig. 3. The end wall 18 of the housing opposite the flange 16 on the drawer 15 extends across the housing H adjacent its lower end only, as shown in Fig. 3.

Suitable means are preferably provided for movable attachment across the opening 10 in the housing whereby the razor head 11 may be removably locked therein. In the disclosed embodiment, elongated shaving accessory containers are employed for this purpose and are disposed to close the opening 10 on opposite sides of the razor handle 19 and to lie substantially parallel to the razor handle when in the closed position.

As shown in the drawing, a shaving accessory container 20 of elongated substantially cylindrical form is provided with an integral or suitably attached base portion 21, one edge of which is hingedly secured to one side edge of the housing H, as shown at 22. A similarly shaped container 23 having an integral base portion 24 is disposed on the opposite side of the razor handle 19 from the container 20, the base portion 24 being hingedly secured to the side edge of the housing H opposite to the edge on which the base portion 21 is hinged, as shown at 25.

The base portion 21 is provided with a downwardly extending end flange 26 which engages the upper edge of the end wall 18 of the housing H when the container 20 is in the upright closed position, thus closing the end of the housing. The base portion 24 has a similar depending end flange 27 which overlaps the off-set portion 17 of the drawer flange 16 and so closes the opposite end of the housing H when the container 23 is in the upright closed position. The base portion 21 has an inwardly off-set locking lip 28 at the free edge thereof, and cooperating depressions and extensions 29 and 30 are arranged on this lip and on the housing wall to lock the portion 21 and container 20 in their closed position. Similarly, the base portion 24 of the container 23 has an off-set lip 31 at the free edge thereof and interlocking depressions and extensions 32 and 33 are provided on the lip 31 and the wall of the housing H. As shown in Fig. 6, the base portions 21 and 24 are respectively provided with rounded notches 34 and 35 which meet to form a central opening 36 through which the handle 19 of the razor extends.

Although not essential to the invention, it is preferred to provide means on the containers 20 and 23 for confining the handle 19 of the razor when the kit is closed. This may be conveniently accomplished by providing complementary members 37 and 38, each fixed to one of the containers, and adapted to enclose the razor handle 19 therebetween.

In the disclosed embodiment, the members 37 and 38 are respectively formed integrally with the caps 39 and 40 fixed respectively to the upper ends of the containers 20 and 23.

One of the handle retaining members, in this case the member 37, is provided with a circular end flange 41 which covers the upper end of the space between the members 37 and 38 and so encloses the upper end of the razor handle 19 when the kit is closed, as shown in Fig. 5. If desired, suitable lugs 42 may be fixed to or formed integral with the members 37 and 38 on their inner faces, these lugs acting to engage the upper end of the razor handle 19 and prevent vertical movement of the razor when the kit is closed. If desired, the members 37 and 38 may be extending downwardly to the base portions 21 and 24 whereby these members may enclose the razor handle throughout its length.

In the operation of the device, the containers 20 and 23 are swung outwardly away from the opening 10 in the upper end of the housing H, whereupon the razor head 11 may be removed therefrom. When thus opened, the toilet or shaving articles, such as the shaving brush 44 and the tube of shaving cream 45, may be removed from the lower ends of the containers 20 and 23. The brush 44 and tube 45 may be conveniently frictionally retained within the containers 20 and 23 by engagement with the inner walls thereof. As clearly shown in Fig. 8, the pinched lower end 46 of the tube 45 may be disposed diagonally within the base portion 24 of the container 23. After the container 23 has been swung to the open position, the razor blade drawer 15 may be drawn outwardly from the housing H and the blades 50 may be removed therefrom for use in the razor.

It is entirely feasible to remove and insert the razor head 11 by swinging back one only of the containers, say the container 23, the razor head being then slipped into or out of the housing H laterally. Accordingly, one of the containers, say the container 20, may be permanently fixed to the housing H and may be provided with a removable cap to give access to the interior thereof.

It is sometimes preferred to carry shaving soap in the form of a stick or powder rather than cream. A shaving stick can obviously be readily substituted for the tube 45 in the container 23. In order to adapt the container 23 for use with powder, a sifter cap 47 of usual construction is provided at the upper end thereof and a removable plug 48, provided with a handle 49, is provided to close the lower end of the container 23 after it has been charged with powder 51, as shown in Fig. 9.

Due to the arrangement of the containers 20 and 23 in positions substantially parallel to the razor handle 19, the kit of the present invention is of extremely compact design and small over-all 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 constructional arrangement 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 safety razor having a cutting head and an elongated handle extending away from said head, a housing for the razor head, said housing having an opening therein through which the razor head may be inserted and withdrawn in a direction parallel to the razor handle with the razor handle protruding outwardly from the housing through said opening and means for locking the head within the housing comprising at least one closure member movably secured to the housing adjacent the opening and movable into a position across the opening at one side of the razor handle.

2. 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 housing for the razor head, said housing having an opening therein through which the razor head may be inserted with the razor handle protruding outwardly from the housing through said opening, closure means permanently but movably connected to said housing adjacent said opening on one side of the razor handle and separate closure means permanently but movably connected to said housing adjacent said opening on the other side of the razor handle, said closure means being respectively movable into positions across said opening on opposite sides of the razor handle whereby the razor head may be locked within the housing.

3. 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 razor head housing having an opening therein through which the razor head may be inserted with the handle protruding from the housing through the opening and means for releasably locking the head within the housing including at least one elongated shaving accessory container permanently but movably secured to said housing in a position substantially parallel to the razor handle and with one end thereof extending over the opening in the housing.

4. 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 razor head housing having an opening therein through which the razor head may be inserted with the handle protruding from the housing through the opening and means for releasably locking the head within the housing including at least one elongated shaving ac-

cessory container hingedly secured to said housing at an edge of said opening and arranged to swing to a position substantially parallel to the razor handle with one end of said container extending across said opening.

5. 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 housing for the razor head, said housing having an opening therein through which the razor head may be inserted with the razor handle protruding outwardly from the housing through said opening and separate means each hingedly secured to the housing and movable respectively to positions across said opening on opposite sides of the razor handle to lock the razor head within the housing.

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 housing for the razor head, said housing having an opening therein through which the razor head may be inserted with the razor handle protruding outwardly from the housing through said opening and two elongated toilet accessory containers each permanently but movably secured to the housing and movable respectively to positions substantially parallel to the razor handle on opposite sides thereof with the ends of the containers extending across said opening on opposite sides of said handle.

7. 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 housing for the razor head, said housing having an opening therein through which the razor head may be inserted with the razor handle protruding outwardly from the housing through said opening and separate means hingedly secured respectively to opposite edges of said housing opening and movable respectively to positions across said opening on opposite sides of the razor handle to lock the razor head within the housing.

8. 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 housing for the razor head, said housing having an opening therein through which the razor head may be inserted with the razor handle protruding outwardly from the housing through said opening and two elongated toilet accessory containers hingedly secured respectively to opposite edges of said housing opening and movable respectively to positions substantially parallel to the razor handle on opposite sides thereof with the ends of the containers extending across said opening on opposite sides of said handle to lock the razor head within the housing.

9. 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 housing for the razor head, said housing having an opening therein through which the razor head may be inserted with the razor handle protruding outwardly from the housing through said opening, closure means movably connected to said housing adjacent said opening on one side of the razor handle, separate closure means movably connected to said housing adjacent said opening on the other side of said handle, said closure means being respectively movable into positions across said opening on opposite sides of the razor handle to lock the razor head within the housing and cooperating means on said closure means for at least partially enclosing the protruding portion of the razor handle when said closure means are moved across said opening.

10. 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 housing for the razor head, said housing having an opening therein through which the razor head may be inserted with the razor handle protruding outwardly from the housing through said opening, two elongated toilet accessory containers hingedly secured respectively to opposite edges of said housing opening and movable respectively to positions substantially parallel to the razor handle on opposite sides thereof with the ends of the containers extending across the opening on opposite sides of said handle to lock the razor head within the housing, and cooperating means on said toilet accessory containers for enclosing at least the outer end of the protruding razor handle when said containers are moved to positions substantially parallel to said handle.

11. 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 housing for the razor head, said housing having an opening therein through which the razor head may be inserted with the razor handle protruding outwardly from the housing through said opening, a drawer slidably carried in said housing, separate means hingedly secured respectively to the edges of said housing opening and movable respectively to positions across said opening on opposite sides of the razor handle to lock the razor head within the housing and an extension on one of said hingedly connected means for engaging said drawer and locking said drawer in the closed position when said hingedly connected means is moved to its closed position across said opening.

12. 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 housing for the razor head, said housing having an opening therein through which the razor head may be inserted with the razor handle protruding outwardly from the housing through said opening, closure means movably connected to said housing adjacent said opening on one side of the razor handle and separate closure means movably connected to said housing adjacent said opening on the other side of the razor handle, said closure means being respectively movable into positions across said opening on opposite sides of the razor handle whereby the razor head may be locked within the housing and said closure means having notched meeting edges forming an opening for said razor handle when said closure means are closed.

13. 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 housing for the razor head, said housing having an opening therein through which the razor head may be inserted with the razor handle protruding outwardly from the housing through said opening and two elongated toilet accessory containers hingedly secured respectively to opposite edges of said housing opening and movable respectively to positions substantially parallel to the razor handle on opposite sides thereof with the ends of the containers extending across said opening on opposite sides of said handle to lock the razor head within the housing, said ends of said toilet accessory containers having notched meeting edges forming an opening for said razor handle when said containers are substantially parallel to said razor handle.

14. In a toilet kit, in combination with a safety razor of the type having a cutting head and an elongated handle extending away from said head, a box-like housing for the razor head, said housing having an opening therein through which the razor handle protrudes and a pair of elongated saving accessory containers movably but permanently fixed to said housing on opposite sides of the razor handle opening and extending from the housing substantially parallel to the razor handle.

In testimony whereof I affix my signature.

GERHARD FLINTERMANN.