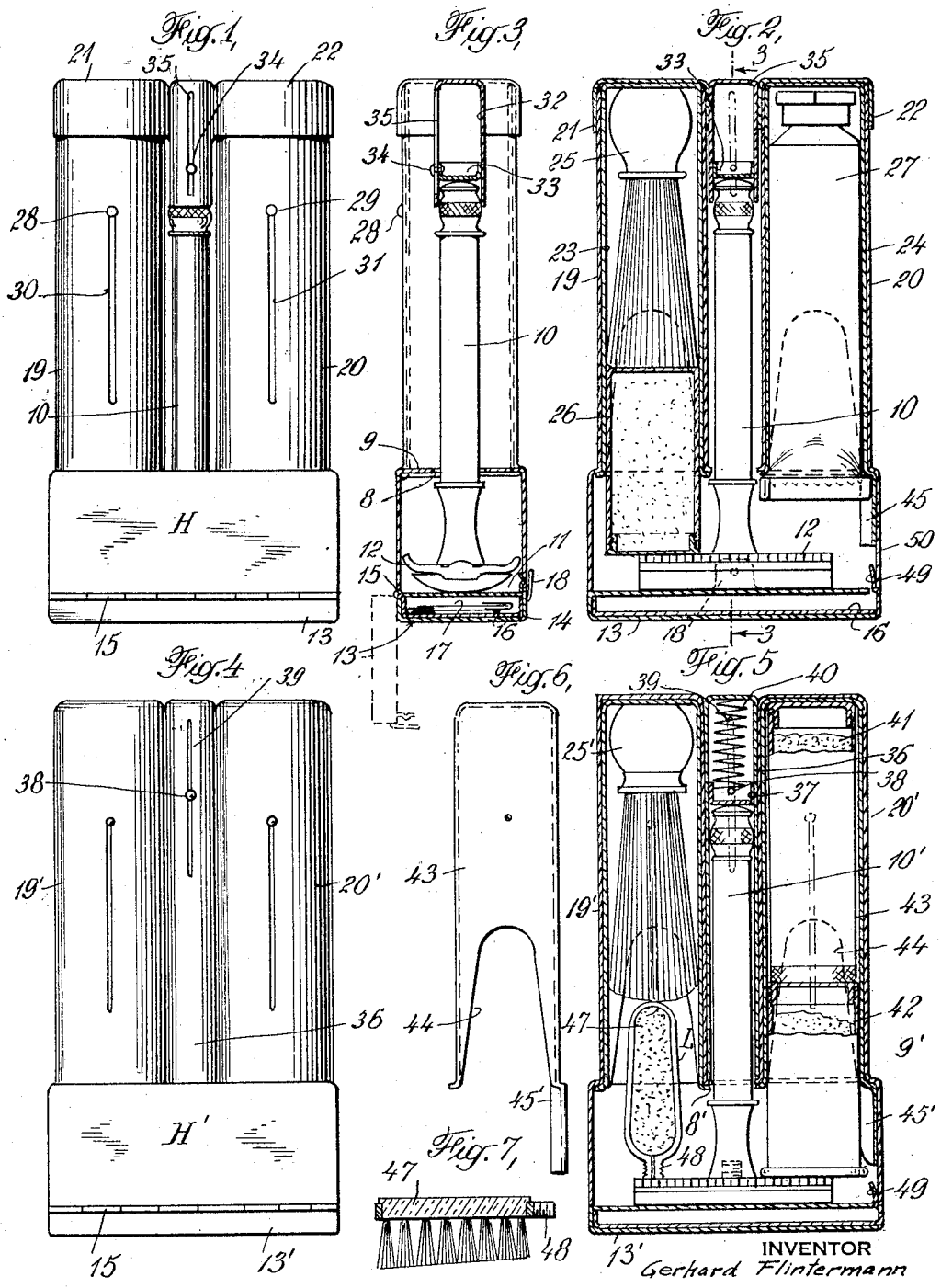
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RAZOR KIT

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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 fixed to the razor head housing means and arranged to be at least partially closed by the razor head when in place in such housing means.

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

The shaving kit of the present invention is adapted to carry a razor of the type having a transverse shaving head and a handle permanently or removably secured to such head and extending substantially at right angles therefrom. My improved kit comprises essentially a protective housing having an opening in one side thereof through which the razor head may be inserted or withdrawn and a similar opening in the other side through which the razor handle protrudes when the razor head is enclosed in the housing. One or more elongated shaving or toilet accessory containers are preferably fixed to the side of the razor head housing through which the razor handle protrudes, these containers communicating with the interior of the housing through the wall thereof and being accessible through the large opening of the housing through which the razor head passes. In a preferred form of the invention, two cylindrical containers are thus fixed to the razor head housing, these containers being disposed in positions substantially parallel to the protruding razor handle and being respectively disposed on opposite sides of this handle. The large opening in the razor head housing is preferably provided with a removable closure.

In one form of the invention, means are provided for at least partially enclosing the protruding razor handle, and this means may conveniently comprise a casing disposed between and substantially parallel to the shaving accessory containers.

The invention further contemplates the provision of means operable from the exterior of the kit for moving articles out of the shaving accessory containers and the head housing. In one modification of the invention, I prefer to provide means for engaging the outer end or other part of the protruding razor handle and thus holding the razor against movement in the kit.

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

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

Fig. 2 is a sectional elevation 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;

Fig. 4 is an elevation similar to Fig. 1 showing a modified form of kit embodying the invention;

Fig. 5 is a sectional elevation of the kit shown in Fig. 4;

Fig. 6 is an elevation of one of the devices employed for ejecting articles from the accessory containers of the modification shown in Fig. 5; and

Fig. 7 is a sectional view of a tooth brush

head which may comprise one of the articles carried in the kit of Fig. 5.

Referring to the drawing, the kit disclosed comprises a razor head housing H of general box-like form, preferably made of sheet metal. The housing H has a substantially central opening 8 in one wall 9 thereof through which the razor handle 10 protrudes when the razor is enclosed in the kit, as shown. The side of the housing H opposite the wall 9 is provided with a larger opening 11 through which the razor head 12 may be inserted and withdrawn. A removable closure 13 is preferably provided for the opening 11. In the disclosed embodiment of the invention, this closure comprises a casing 14 hinged to the housing H at 15 and provided with a slidable drawer 16 which may be withdrawn from the casing 14 when the closure 13 is opened. The outer end of the drawer 16 carriers an upwardly extending off-set flange 49 which extends within the end wall 50 of the casing when the closure 13 is closed and so locks the drawer 16 in its closed position. The drawer 16 may be conveniently employed to carry the razor blades 17. The closure 13 is preferably releasably retained in its closed position by a spring latch 18 of any suitable known type.

It is preferred to provide one or more shaving accessory containers on the kit. As shown in the drawing, two such containers 19 and 20 of substantially cylindrical form are employed. Each of these containers is fixed at its lower open end to the wall 9 of the housing H and communicates with the interior of this housing through the wall 9, as shown in Figs. 2 and 3. Since the containers 19 and 20 open into the head housing H at points opposite the larger opening 11 thereto, the interiors of these containers are readily accessible through this opening and the contents of the containers may be inserted thereto and withdrawn therefrom through the housing H and the opening 11. The upper ends of the containers 19 and 20 are permanently closed by means of the caps 21 and 22.

Although not essential to the invention in its broader aspects, it is generally preferred to provide means, operable from the exterior of each container, for ejecting the contents thereof through the housing H and the opening 11. In the disclosed embodiment, this is accomplished by employing cylindrical sleeves 23 and 24 respectively slidably disposed within the containers 19 and 20, which sleeves carry the shaving accessories, such as the shaving brush 25, the powder container 26 and the tube of shaving cream 27. Suitable operating pins 28 and 29 are respectively fixed on the cylindrical surfaces of the sleeves 23 and 24, and these pins respectively project outwardly through the slots 30 and 31 in the containers 19 and 20. By moving the pins 28 and 29 toward the housing H, the sleeves 23 and 24 may be moved through the housing H and the contents of the sleeves may be readily removed therefrom. A protective flange 45 is preferably extended downwardly from the lower end of the sleeve 24 to prevent injury to the lower end of the tube 27 or other article carried by the sleeve 24 when this sleeve is inserted into or withdrawn from the container 20.

It is generally preferred to provide means on the kit for at least partially enclosing the protruding razor handle 10. In the embodiment disclosed in Figs. 1, 2 and 3, the upper end only of the handle 11 is thus enclosed, and a cylindrical casing 32 disposed between and parallel to the containers 19 and 20 is employed for this purpose. The casing 32 is closed at its outer end and is so disposed that the outer end of the razor handle 10 extends into the open inner end thereof, as shown in Figs. 2 and 3. The casing 32 may be fixed to the caps 21 and 22 of the containers 19 and 20 by suitable means, such as tinning, soldering or welding.

It is preferred in some cases to provide means for engaging the razor handle 10 and holding the razor against movement within the kit. As shown in Figs. 1 through 3, this may be accomplished by providing a stop 33 slidable within and frictionally engaging the inner surface of the handle end casing 32. The stop 33 may be moved down into contact with the outer end of the razor handle 10 by means of the rivet 34 which projects through the slot 35 in the casing 32.

In a modified form of the invention, as shown in Figs. 4, 5 and 6, means are provided for completely enclosing the razor handle 10′. The parts of the kit and razor shown in Figs. 4, 5 and 6 are substantially identical with the corresponding elements shown in Figs. 1, 2 and 3 have been designated by like reference characters with distinctive exponents. A substantially cylindrical casing 36 is fixed to the housing H′ about the handle opening 8′ in the wall 9′ thereof, this casing extending between and parallel to the shaving accessory containers 19′ and 20′. A stop 37 is slidably enclosed within the upper end of the casing 36 and is provided with guide pins 38 running in slots 39 in the casing wall. The stop 37 is resiliently pressed against the razor handle 10′ by the compressed coiled spring 40.

As shown in Fig. 5, a shaving soap container 41 and a powder container 42 may be enclosed in end-to-end alignment within the inner sleeve 43 of the container 20. When two such articles are enclosed within a single sleeve, it is preferred to provide cut-outs or openings 44 at opposite points in the side wall of the sleeve near the open end thereof to facilitate the removal of the articles therethrough. The arrangement of the cut-outs 44 is clearly shown in Figs. 5 and 6.

A tooth brush 47 having a screw threaded

stud 48 may be housed within the container 19′ at L with the shaving brush 25′ and the handle 10′ of the razor may be attached to the stud 48 and used as the handle of this tooth brush.

Due to the arrangement of the shaving accessory containers in positions substantially parallel to the razor handle, the kit of the present invention is of extremely compact design and 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 arrangements shown but includes all modifications thereof as fall within the scope of the appended claims.

I claim:

1. In a shaving kit, in combination with a safety razor of the type having a transverse cutting head and an elongated handle extending away from said head, a housing for the razor head, said housing having an opening in one wall thereof through which the handle of the razor protrudes and a larger opening in the opposite wall thereof through which the razor head may be withdrawn, a closure for said larger opening and at least one shaving accessory container communicating with said housing and accessible through said larger opening.

2. In a shaving kit, in combination with a safety razor of the type having a transverse cutting head and an elongated handle extending away from said head, a housing for the razor head, said housing having an opening in one wall thereof through which the handle of the razor protrudes and a larger opening in the opposite wall thereof through which the razor head may be withdrawn and at least one shaving accessory container fixed to the wall of said housing through which the razor handle protrudes and communicating with the interior of said housing through said wall adjacent said handle opening, whereby said razor head extends at least partially across the opening of said container.

3. In a shaving kit, in combination with a safety razor of the type having a transverse cutting head and an elongated handle extending away from said head, a housing for the razor head, said housing having an opening in one wall thereof through which the handle of the razor protrudes and a larger opening in the opposite wall thereof through which the razor head may be withdrawn and two elongated shaving accessory containers fixed to the wall of said housing through which the razor handle protrudes and respectively disposed on opposite sides of said handle and substantially parallel thereto, said shaving accessory containers communicating with the interior of said housing through said wall adjacent said handle opening whereby said razor head extends at least partially across said container openings.

4. In a shaving kit, in combination with a safety razor of the type having a transverse cutting head and an elongated handle extending away from said head, a housing for the razor head, said housing having an opening in one wall thereof through which the handle of the razor protrudes and a larger opening in the opposite wall thereof through which the razor head may be withdrawn, two elongated shaving accessory containers fixed to the wall of said housing through which the razor handle protrudes and respectively disposed on opposite sides of said handle and substantially parallel thereto, said shaving accessory containers communicating with the interior of said housing through said wall adjacent said handle opening whereby said razor head extends at least partially across said container openings and means disposed between said shaving accessory containers for at least partially enclosing the razor handle.

5. In a shaving kit, in combination with a safety razor of the type having a transverse cutting head and an elongated handle extending away from said head, a housing for the razor head, said housing having an opening in one wall thereof through which the handle of the razor protrudes, and a larger opening in the opposite wall thereof through which the razor head may be withdrawn, two elongated shaving accessory containers fixed to the wall of said housing through which the razor handle protrudes and respectively disposed on opposite sides of said handle and substantially parallel thereto, said shaving accessory containers communicating with the interior of said housing through said wall adjacent said handle opening whereby said razor head extends at least partially across said container openings and means connected to and disposed between said shaving accessory containers for at least partially enclosing the razor handle.

6. In a shaving kit, in combination with a safety razor of the type having a transverse cutting head and an elongated handle extending away from said head, a housing for the razor head, said housing having an opening in one wall thereof through which the handle of the razor protrudes and a larger opening in the opposite wall thereof through which the razor head may be withdrawn, two elongated shaving accessory containers fixed to the wall of said housing through which the razor handle protrudes and respectively disposed on opposite sides of said handle and substantially parallel thereto, said shaving accessory containers communicating with the interior of said housing through said wall adjacent said handle opening whereby said razor head

extends at least partially across said container openings and means connected to said housing about said handle opening and disposed between and substantially parallel to said containers for enclosing the protruding razor handle.

7. In a shaving kit, in combination with a safety razor of the type having a transverse cutting head and an elongated handle extending away from said head, a housing for the razor head, said housing having an opening in one wall thereof through which the handle of the razor protrudes and a larger opening in the opposite wall thereof through which the razor head may be withdrawn, at least one elongated shaving accessory container fixed to the wall of said housing through which the razor handle protrudes and lying substantially parallel to said razor handle, a closure for said larger opening of said housing and means carried on said container for engaging the razor handle and so holding the razor head against said closure.

8. In a shaving kit, in combination with a safety razor of the type having a transverse cutting head and an elongated handle extending away from said head, a housing for the razor head, said housing having an opening in one wall thereof through which the handle of the razor protrudes and a larger opening in the opposite wall thereof through which the razor head may be withdrawn, two elongated shaving accessory containers fixed to the wall of said housing through which the razor handle protrudes and respectively disposed on opposite sides of said handle and substantially parallel thereto, said shaving accessory containers communicating with the interior of said housing through said wall adjacent said handle opening whereby said razor head extends at least partially across said container openings, a closure for said larger opening of said housing and means disposed between said shaving accessory containers for engaging the razor handle and so holding the razor head against said handle.

9. In a shaving kit, in combination with a safety razor of the type having a transverse cutting head and an elongated handle extending away from said head, a housing for the razor head, said housing having an opening in one wall thereof through which the handle of the razor protrudes and a larger opening in the opposite wall thereof through which the razor head may be withdrawn, two elongated shaving accessory containers fixed to the wall of said housing through which the razor handle protrudes and respectively disposed on opposite sides of said handle and substantially parallel thereto, said shaving accessory containers communicating with the interior of said housing through said wall adjacent said handle opening whereby said razor head extends at least partially across said container openings, a removable closure for said larger opening of said housing and resilient means disposed between said shaving accessory containers for pressing the razor handle toward the housing and so holding the razor head in snug engagement with said closure.

10. In a shaving kit, in combination with a safety razor of the type having a transverse cutting head and an elongated handle extending away from said head, a housing for the razor head, said housing having an opening in one wall thereof through which the handle of the razor protrudes and a larger opening in the opposite wall thereof through which the razor head may be withdrawn, two elongated shaving accessory containers fixed to the wall of said housing through which the razor handle protrudes and respectively disposed on opposite sides of said handle and substantially parallel thereto, said shaving accessory containers communicating with the interior of said housing through said wall adjacent said handle opening whereby said razor head extends at least partially across said container openings, a removable closure for said larger opening of said housing, means disposed between said shaving accessory containers for at least partially enclosing the protruding razor handle and means carried by said handle enclosing means for engaging the razor hadle and so holding the razor head against said closure.

11. In a shaving kit, in combination with a safety razor of the type having a transverse cutting head and an elongated handle extending away from said head, a housing for the razor head, said housing having an opening in one wall thereof through which the handle of the razor protrudes and a larger opening in the opposite wall thereof through which the razor head may be withdrawn, two elongated shaving acsessory containers fixed to the wall of said housing through which the razor handle protrudes and respectively disposed on opposite sides of said handle and substantially parallel thereto, said shaving accessory containers communicating with the interior of said housing through said wall adjacent said handle opening whereby said razor head extends at least partially across said container openings and means connected to and disposed between said shaving accessory containers for enclosing the outer end only of the protruding razor handle.

12. In a shaving kit, in combination with a safety razor of the type having a transverse cutting head and an elongated handle extending away from the head, a box-like housing for the razor head having a substantially central opening in one wall thereof through which the razor handle protrudes and having a larger opening in the side thereof opposite said handle opening through which the razor head may be withdrawn, at least one elongated shaving accessory container fixed

to the wall of said housing through which said razor handle protrudes and communicating through said wall with the interior of said housing, said container being disposed substantially parallel to the protruding razor handle and the interior of said container being accessible through said larger opening in said housing and a movable closure for said larger opening.

13. In a shaving kit, in combination with a safety razor of the type having a transverse cutting head and an elongated handle extending away from the head, a box-like housing for the razor head having a substantially central opening in one wall thereof through which the razor handle protrudes and having a larger opening in the side thereof opposite said handle opening through which the razor head may be withdrawn, at least one elongated shaving accessory container fixed to the wall of said housing through which said razor handle protrudes and communicating through said wall with the interior of said housing, said container being disposed substantially parallel to the protruding razor handle and the interior of said container being accessible through said larger opening in said housing, means operable from the exterior of said container for ejecting articles from said container through said larger opening and a movable closure for said larger opening.

14. In a shaving kit, in combination with a safety razor of the type having a transverse cutting head and an elongated handle extending away from the head, a box-like housing for the razor head having a substantially central opening in one wall thereof through which the razor handle protrudes and having a larger opening in the side thereof opposite said handle opening through which the razor head may be withdrawn, at least one elongated shaving accessory container fixed to the wall of said housing through which said razor handle protrudes and communicating through said wall with the interior of said housing, said container being disposed substantially parallel to the protruding razor handle and the interior of said container being accessible through said larger opening in said housing, a movable closure for said larger opening and an accessory container carried by said movable closure.

15. In a shaving kit, in combination with a safety razor of the type having a transverse cutting head and an elongated handle extending away from the head, a box-like housing for the razor head having a substantially central opening in one wall thereof through which the razor handle protrudes and having a larger opening in the side thereof opposite said handle opening through which the razor head may be withdrawn, two elongated cylindrical shaving accessory containers fixed to the wall of said housing through which said razor handle protrudes and communicating through said wall with the interior of said housing, said containers being disposed substantially parallel to said razor handle and respectively located on opposite sides of said handle, a cylindrical casing for said razor handle disposed between and substantially parallel to said elongated containers and a movable closure for said larger opening.

In testimony whereof I affix my signature.

GERHARD FLINTERMANN.