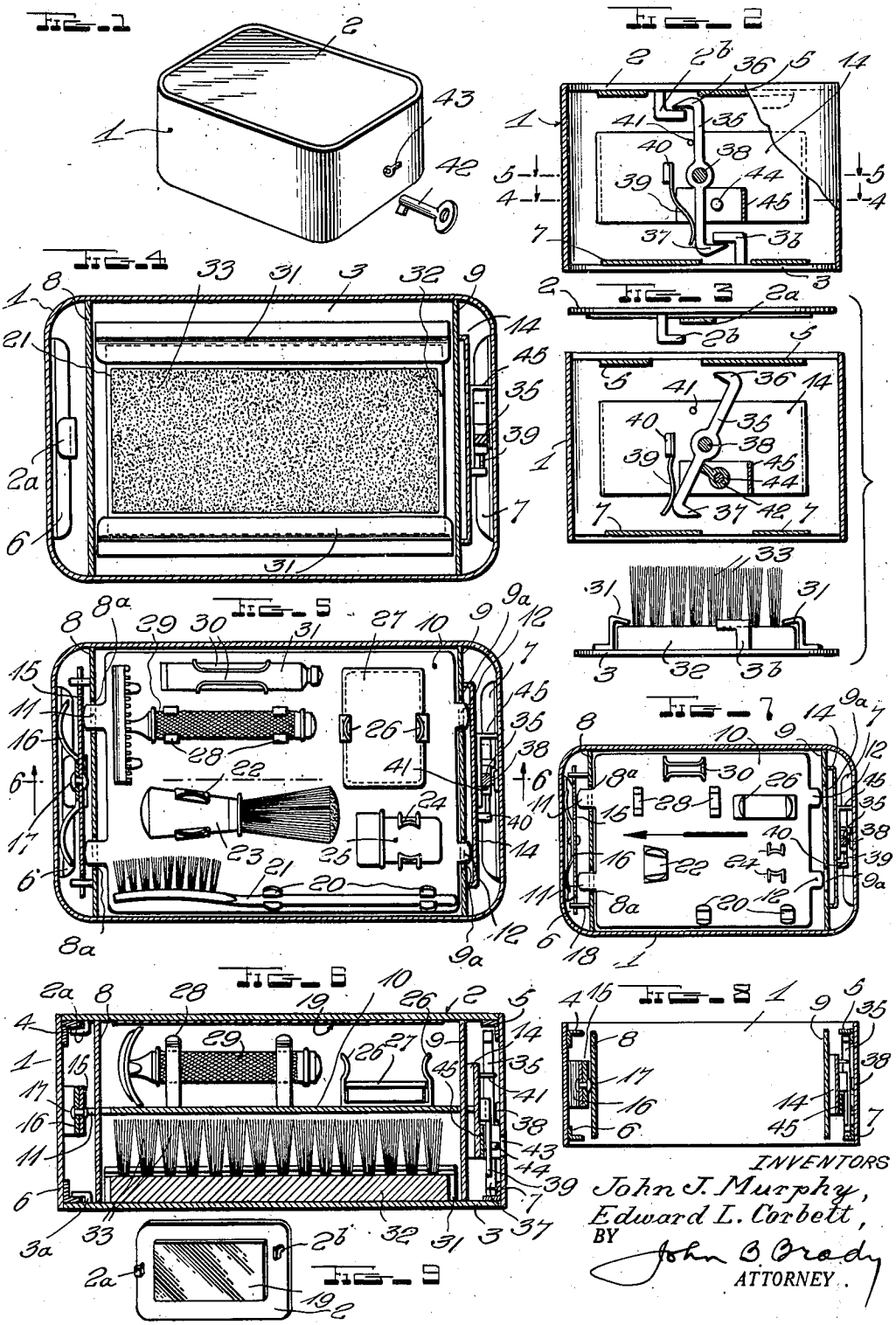
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TOILET KIT

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TOILET KIT

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Our invention relates broadly to toilet kits and more particularly to a compact and portable kit for carrying toilet articles which may be locked in enclosed position when the kit is not in use.

One of the objects of our invention is to provide a compact and inexpensive construction of toilet kit enclosing shaving articles, tooth brush, hair brush, mirror, and other toilet articles in compact relation with means for locking the kit when the toilet articles are stored therein.

Another object of our invention is to provide an inexpensive construction of toilet kit including a frame member with removable top and bottom plates connectible therewith and engageable by locking means for enclosing toilet articles in compact arrangement within the kit.

Still another object of our invention is to provide an inexpensive and simplified construction of toilet kit which includes a frame member having an intermediate removable partition therein dividing a frame member into two compartments for holding toilet articles with removable plate members for closing each of the compartments.

A further object of our invention is to provide a construction of toilet kit having removable top and bottom plates and a removable central partition plate serving to divide the kit into two toilet article receiving compartments with means for engaging the top and bottom plates when in assembled position for locking the kit when the toilet articles are not in use.

Other and further objects of our invention reside in the construction of the readily portable toilet kit of our invention, as set forth more fully in the accompanying drawing, in which:

Figure 1 is a perspective view of the toilet kit constructed in accordance with our invention; Fig. 2 is an end elevation on an enlarged scale with parts broken away and in section; Fig. 3 is a similar view with the top and bottom lids released and the latter shown in juxtaposition to the casing; Fig. 4 is a horizontal section taken substantially on line 4—4 of Fig. 2, looking upon the removable brush; Fig. 5 is a horizontal section taken substantially on line 5—5 of Fig. 2 looking upon the removable plate carrying the clips for holding the units comprising a toilet and shaving kit; Fig. 6 is a central vertical longitudinal section taken on line 6—6 of Fig. 5; Fig. 7 is a horizontal section similar to Fig. 5 showing the units comprising the toilet and shaving kit removed and the plate shifted towards the left preparatory to releasing the same from the housing; Fig. 8 is a central vertical longitudinal section of the housing per se, the upper and lower lids as well as the centrally arranged dividing plate being removed for the purpose of cleaning or repairing; and Fig. 9 is an isometric view of the upper lid carrying the polished metal plate, acting in the capacity of a mirror.

Referring to the drawing in detail, reference character 1 designates the frame of the toilet kit of our invention which is closed by top and bottom plate members 2 and 3. We provide angular members 4, 5, 6 and 7 secured to the interior of the opposite end walls of the frame 1. These angular members 4, 5, 6 and 7 serve as gripping means for the engagement of the removable top and bottom plate members 2 and 3. That is, plate members 2 and 3 carry adjacent one end thereof clip members 2*a* and 3*a* which engage beneath the angular members 4 and 6, as illustrated more clearly in Fig. 6. At the opposite end, the top and bottom plate members 2 and 3 carry hook members 2*b* and 3*b* shown more clearly in Fig. 2 directly opposite to each other and toward the interior of the kit to provide locking means for the top and bottom plates as will be hereinafter described.

We provide laterally extending end plates 8 and 9 within the frame 1 which are spaced away from the end walls of the frame to permit the location of a spring mechanism at one end of the frame and the location of a locking device at the opposite end of the frame. The laterally extending end plate 8 has a pair of horizontally disposed slits 8*a* centrally thereof. The transversely extending end plate 9 is also provided with horizontally disposed slits 9*a*. These aligned slits provide means for supporting the intermediate partition 10. The intermediate partition 10 is a plate member having lugs 11 projecting from one end thereof and lugs 12 projecting from the opposite end thereof. Lugs 12 project through slits 9*a* in transversely extending end plate 9. A cover member 14 extends directly behind the lugs 12 and the slits 9*a* through which the lugs project with respect to the transversely extending end plate 9 and provides an abutment for the ends of lugs 12 and also provides a support for the locking mechanism.

The opposite transversely extending end plate 8 is provided with pin members 13 projecting normal therefrom, which pin members pass through slots in bearing plate 15 which is urged into resilient engagement with lugs 11 by means of leaf spring 16. The leaf spring 16 is secured to plate 15 by central rivet 17. The bowed portions of the leaf spring 16 engage against the end wall of the frame 1. The lost motion or mar-

ginal movement permitted by leaf spring 16 is such that partition plate 10 may be moved to shift lugs 12 wholly out of slits 9a enabling the partition plate 10 to be removed from the toilet kit for permitting more convenient access to the toilet articles carried thereby and to permit thorough cleansing for increasing the sanitary properties of the toilet kit. The space between the laterally extending end plate 8 and the end wall of the frame 1 of the toilet kit is such as to permit the required movement of the partition plate 10 in the insertion of and removal of the partition plate within and from the toilet kit.

The partition plate 10 serves as a carrier for the toilet articles. Clip members are mounted on the plate 10 and provide removable gripping means for the several toilet articles. Clip members 20 serve as a mounting means for the tooth brush 21. Clip member 22 serves as a removable support for shaving brush 23. Clip member 24 serves as a support for shaving soap carrier 25. Clips 26 serve as a mounting means for the razor blade holder 27. Clips 28 serve as a removable carrier for safety razor 29. Clips 30 provide mounting means for toothpaste tube 31. On the interior of the removable top plate 2, we provide a mirror shown at 19. When the top plate 2 is removed, it may be held vertically or mounted in a substantially erect position to serve as a mirror. The lower plate 3 is provided with a pair of parallel extending guide rails 31 thereon directed toward each other and providing a guideway between which the back of brush 32 may slide. Brush 32 has bristles 33 thereon which extend vertically in the area beneath the partition plate 10. When the bottom plate 3 is removed, it is a simple matter to slide the brush from its position between guide members 31 for use of the brush for the assistance of the mirror 19.

While we have only illustrated certain toilet articles, it will be understood that other toilet articles may be provided in the kit, particularly a comb, nail file, orange sticks, etc.

In order to lock the toilet kit against unauthorized use when the partition 10 has been restored to position with all of the toilet articles secured in position thereon, we provide a latch member 35 having oppositely directed hook shaped ends 36 and 37. Latch member 35 is pivoted at 38 between the end wall of the frame 1 and the cover member 14. The latch member 35 is normally urged into a vertical position by means of spring 39 mounted on support 40, as illustrated in Fig. 2 in which position, the hook shaped end 36 engages lug 2b on the interior of the top plate member and the hook shaped end 37 engages lug 3b on the interior of the bottom plate member 3. A stop 41 is provided for limiting the counterclockwise movement of the latch 35. A key 42 may be inserted through the keyhole to engage the guide 44 for effecting angular displacement of the latch 35, as represented in Fig. 3, thereby releasing the lugs 2b and 3b and permitting the removal of the top and bottom plate members. An auxiliary frame member 45 is provided immediately around the key actuating structure. Insertion and rotation of the key operates to release both the top and bottom of the toilet kit simultaneously for enabling both the brush and the mirror to be readily used. A quick movement of the partition plate 10 in a horizontal direction is all that is required to withdraw the partition plate with the toilet articles thereon ready for immediate use. The assembly process is the reverse of the disassembly process already described and is effected by the insertion of the partition member and then the bushing of the top and bottom plates, the rotation of the latch 35 and the final movement of the top and bottom plates into a position which is maintained by the release of the latch 35 for securing the top and bottom plates in position.

We have found the toilet kit of our invention very practical in its construction and arrangement and highly convenient in use and, while we have described a preferred embodiment of our invention, we desire that it be understood that modifications may be made and that no limitations upon our invention are intended other than are imposed by the scope of the appended claims.

What we claim as new and desire to secure by Letters Patent of the United States is as follows:

1. A toilet kit comprising a frame, a removable partition plate mounted centrally in said frame for dividing said frame into two compartments, means for supporting toilet articles on said plate, a removable closure member for the top and bottom of said frame, lug members directed inwardly toward each other from each of said closure members and a latch engageable with said lug members for locking said closure members in position.

2. A toilet kit comprising a frame, a removable partition plate mounted centrally in said frame for dividing said frame into two compartments, means for supporting toilet articles on said plate, a removable closure member for the top and bottom of said frame, lug members directed inwardly toward each other from each of said closure members, a latch member pivotally mounted adjacent one end of said frame and having oppositely directed hook shaped ends simultaneously engageable with said lug members for locking said closure members in position.

3. A toilet kit comprising a frame, a removable partition plate mounted centrally in said frame for dividing said frame into two compartments, means for supporting toilet articles on said plate, a removable closure member for the top and bottom of said frame, lug members directed inwardly toward each other from each of said closure members, a latch member pivotally mounted adjacent one end of said frame and having oppositely directed hook shaped ends simultaneously engageable with said lug members for locking said closure members in position and spring means for normally maintaining said latch member in engagement with each of said lug members.

4. A toilet kit comprising a frame, a removable partition plate mounted centrally in said frame for dividing said frame into two compartments, means for supporting toilet articles on said plate, a removable closure member for the top and bottom of said frame, lug members directed inwardly toward each other from each of said closure members, a latch member pivotally mounted adjacent one end of said frame and having oppositely directed hook shaped ends simultaneously engageable with said lug members for locking said closure members in position, and a latch spring continuously and resiliently engaging said latch member for maintaining said latch member in engagement with said lug members for locking said closure members in position.

5. A toilet kit comprising a frame, a transversely extending plate disposed in spaced relation to each end of said frame and forming spaces between the ends of the frame and the said trans-

versely extending plates, each of said plates having slots disposed centrally thereof, a partition plate member having lugs on each end thereof projecting into said slots and means on said partition plate for removably supporting toilet articles.

6. A toilet kit comprising a frame, a transversely extending plate disposed in spaced relation to each end of said frame and forming spaces between the ends of the frame and the said transversely extending plates, each of said plates having slots disposed centrally thereof, a partition plate member having lugs on each end thereof projecting into said slots, means on said partition plate for removably supporting toilet articles, and spring means for normally maintaining said partition plate in position centrally of said frame.

7. A toilet kit comprising a frame, a transversely extending plate disposed in spaced relation to each end of said frame and forming spaces between the ends of the frame and the said transversely extending plates, each of said plates having slots disposed centrally thereof, a partition plate member having lugs on each end thereof and projecting into said slots, means on said partition plate for removably supporting toilet articles and spring means disposed in the space between the end of the frame and one of said transverse plates for resiliently engaging the lugs on one end of said partition plate for normally maintaining said plate in position centrally of said frame.

8. A toilet kit comprising a frame, a transversely extending plate disposed in spaced relation to each end of said frame and forming spaces between the ends of the frame and the said transversely extending plates, each of said plates having slots disposed centrally thereof, a partition plate member having lugs on each end thereof projecting into said slots, means on said partition plate for removably supporting toilet articles, and a leaf spring mounted in the space between one end of said frame and one of said transverse plates for resiliently engaging the lugs on one end of said partition plate for normally maintaining said plate in position centrally of said frame.

9. A toilet kit comprising a frame, a transversely extending plate disposed in spaced relation to each end of said frame and forming spaces between the ends of the frame and the said transversely extending plates, each of said plates having slots disposed centrally thereof, a partition plate member having lugs on each end thereof projecting into said slots, means on said partition plate for removably supporting toilet articles, removable cover members for said frame and means disposed between one of said transverse plates and the adjacent end of said frame for removably locking said cover members in position.

10. A toilet kit comprising a frame, a transversely extending plate disposed in spaced relation to each end of said frame and forming spaces between the ends of the frame and the said transversely extending plates, each of said plates having slots disposed centrally thereof, a partition plate member having lugs on each end thereof and projecting into said slots, means on said partition plate for removably supporting toilet articles, spring means disposed in the space between the end of the frame and one of said transverse plates for resiliently engaging the lugs on one end of said partition plate for normally maintaining said plate in position centrally of said frame, closure members for each end of said frame and locking means disposed between the other transverse plate and the end of the frame adjacent thereto for maintaining said closure members in closed position with respect to said frame.

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