June 5, 1951 M. H. CLINE 2,556,066

TOILET KIT

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Fig. 1.

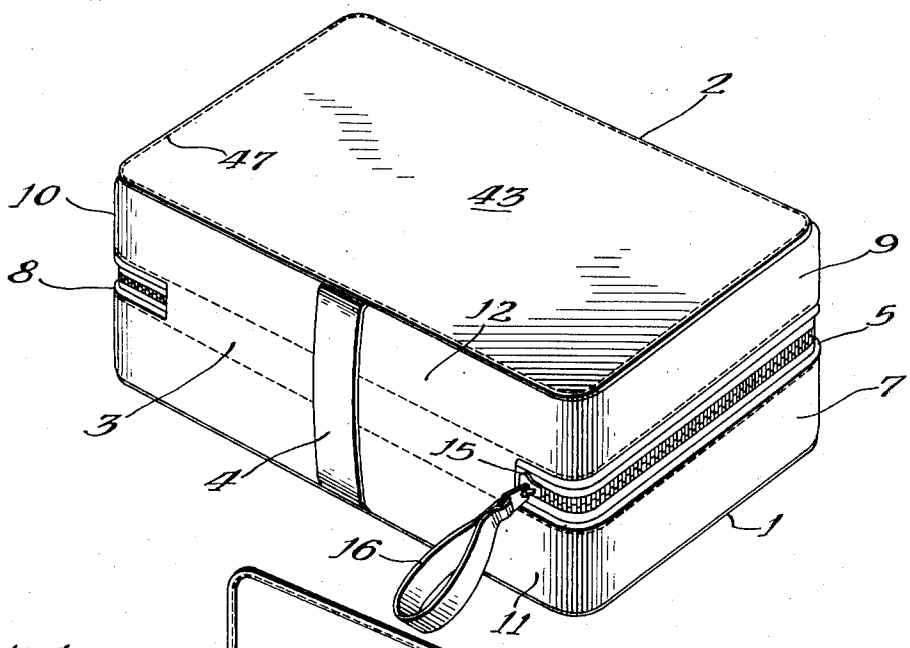
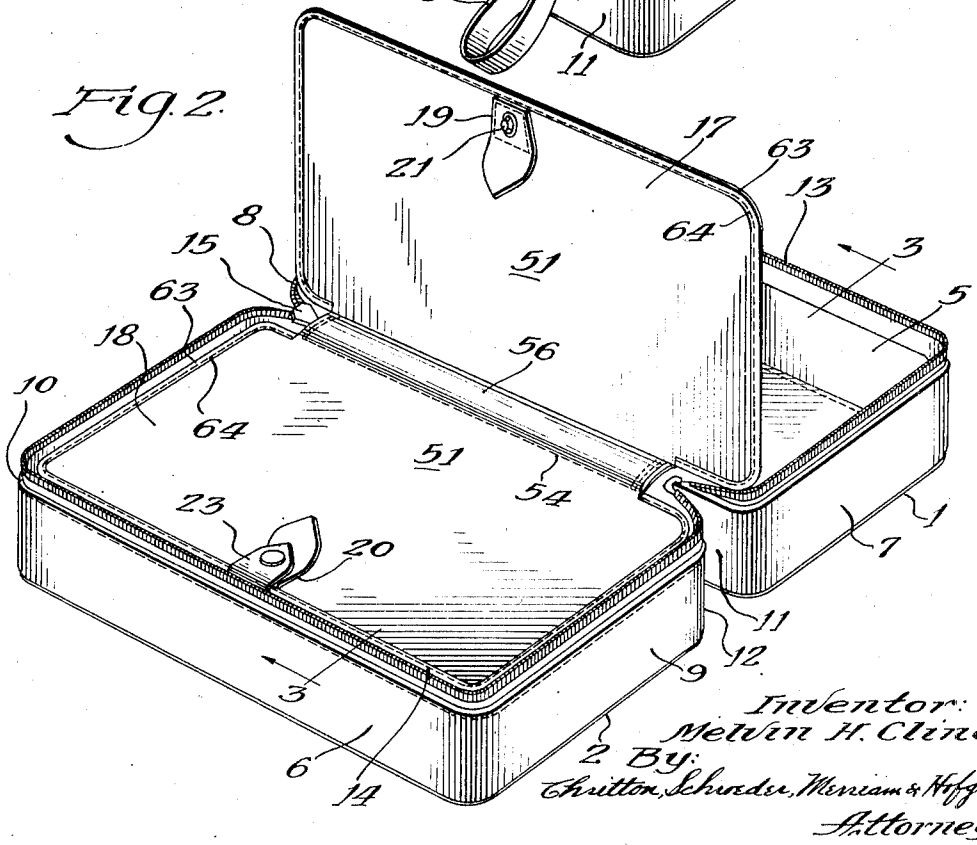


Fig. 2.



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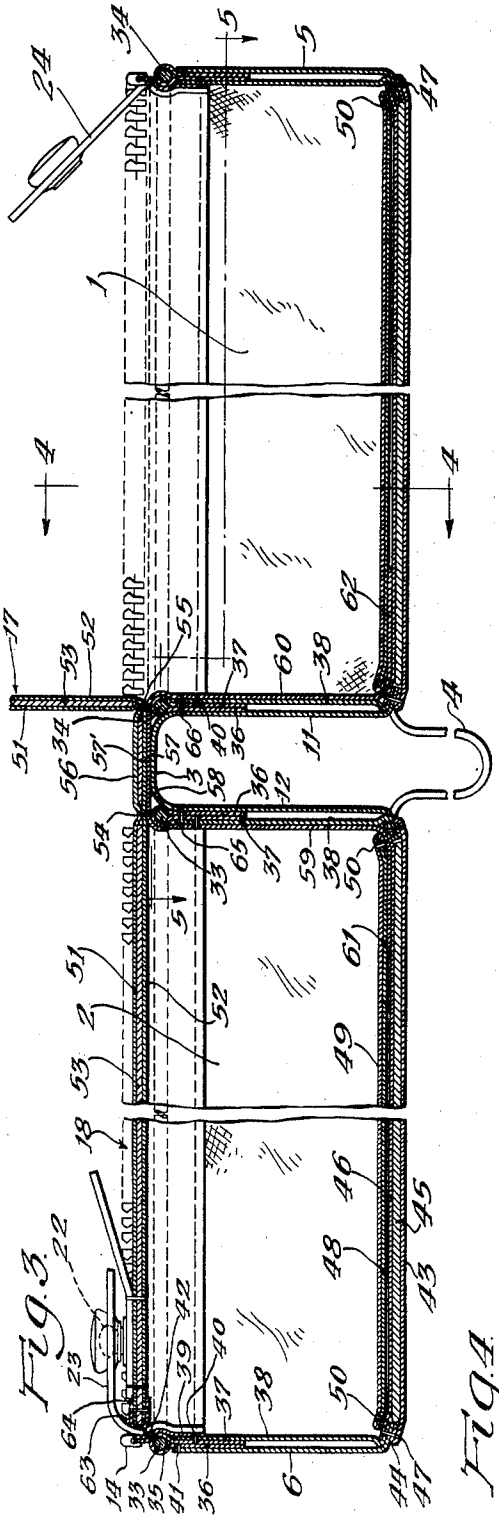


Fig. 3.

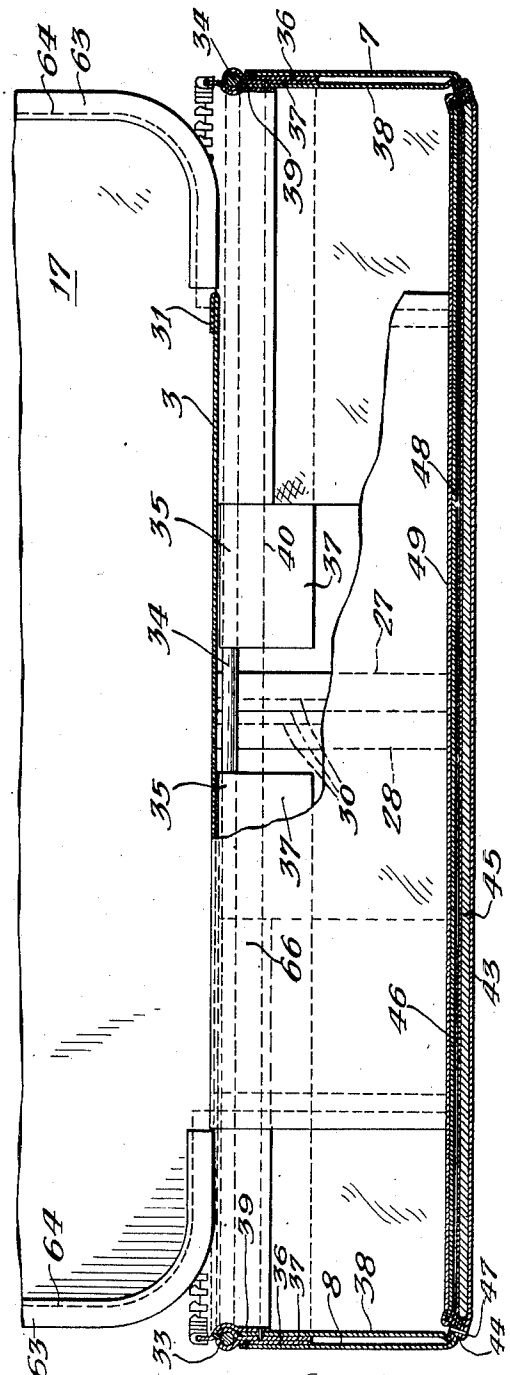


Fig. 4.

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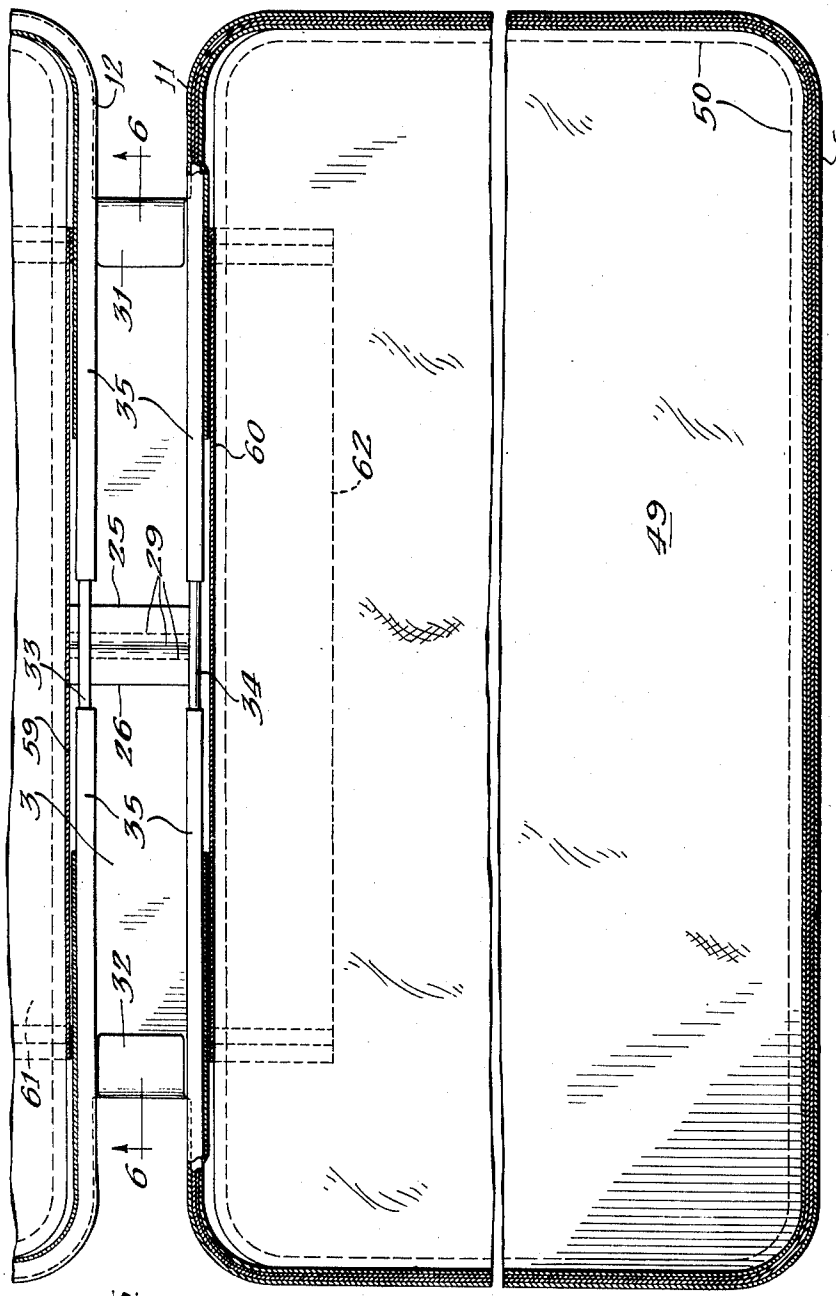


Fig. 5.

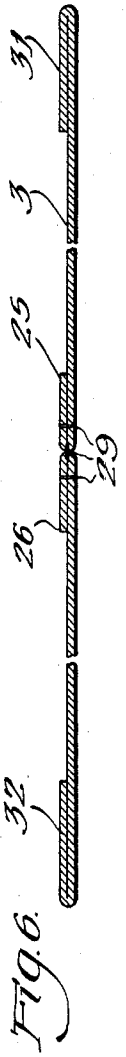


Fig. 6.

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UNITED STATES PATENT OFFICE

2,556,066

TOILET KIT

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Application June 2, 1948, Serial No. 30,654

4 Claims. (Cl. 150—34)

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This invention relates to a toilet kit of the type used for carrying various toilet articles on a trip, and more particularly to a toilet kit having a pair of compartment sections hinged together so that they may be opened up like a book, and each of said sections having a hinged lid provided with releasable fastening means so that the articles in the respective sections will not spill out when the kit is opened up.

Among the objects of my invention are: to provide a novel and improved toilet kit; to provide a toilet kit having twin compartment sections that may be opened up like a book without spilling the contents of the sections; to provide a toilet kit having a novel construction of twin compartment sections and lids therefor; to provide a toilet kit having compartment sections each provided with a lid, and in which said lids when closed form center partitions in the kit when the kit is closed; to provide a toilet kit having a pair of receptacle-shaped compartment sections the sides and ends of which are formed of a plurality of layers, the outer layer of which constitutes a single integral piece of flexible material having a hinge portion integrally connected therewith; to provide a toilet kit having a pair of compartment sections hinged together, and strap-like means secured to the edges adjacent the hinge to form a handle and a strengthening reinforcement for the kit; to provide a toilet kit having a pair of hinged compartment sections, a stiffening wire around the upper edges of each section and a novel connection of the side and end walls of the sections with relation to said stiffening wire; to provide a toilet kit having a one-piece double lid hinged at its central portion to the hinge between the compartment sections and having a novel arrangement of flaps for securing the central portion of the double lid to the section walls adjacent the main hinge of the kit; to provide a pair of compartment sections hinged together and provided with novel means for detachably securing said sections together in closed position; and such further objects, advantages and capabilities, as will later more fully appear.

The invention is illustrated in a preferred embodiment in the accompanying drawings, in which—

Fig. 1 is a perspective view looking toward the hinged side of a toilet kit embodying my invention, and showing the kit in closed and fastened position.

Fig. 2 is a perspective view of the toilet kit of Fig. 1, but showing the same open and with one lid raised.

Fig. 3 is a transverse vertical section on the line 3—3 of Fig. 2 and showing only a fragmentary portion of the open lid.

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Fig. 4 is a longitudinal vertical section on the line 4—4 of Fig. 3.

Fig. 5 is a fragmentary horizontal section on the line 5—5 of Fig. 3.

Fig. 6 is a longitudinal vertical section on the line 6—6 of Fig. 5.

In the embodiment shown in the drawings for illustrative purposes, my toilet kit comprises generally a pair of compartment sections 1 and 2 hinged together at 3, and provided with a strap 4 serving as a combined handle and reinforcing strip.

As seen in Figs. 1 and 2 the upper edges of the outer side walls 5 and 6, the end walls 7, 8, 9 and 10 and a portion of the ends of the inner side walls 11 and 12 have secured thereto slide-fastener strips 13 and 14 which, when the two compartment sections are closed together, may be fastened together by a slide-fastener 15, the latter preferably having a flexible extension 16 to enable easy operation thereof in fastening and unfastening the two compartment sections with relation to each other. Other forms of fastening means may be used as desired. Hingedly connected to the hinged portion of the compartment sections is a one-piece double lid having individual lids 17 and 18, each of these individual lids having in the middle portion of its free edge a short strip 19 and 20 of leather or the like having fixed therein one portion 21 and 22 of a fastening device such as a glove fastener or the like, the other half of which is fixed in a tab secured to the inner surface of the outer wall of the compartment sections as shown at 23 and 24 in Figs. 2 and 3.

Each of the side and end walls of the compartment sections is formed of a plurality of layers of material as will be understood in Figs. 3 and 4. In this connection it is important to note that the outer layer of each of the side walls 5, 6, 11 and 12 and the end walls 7, 8, 9 and 10, and the hinge 3 are all formed of an integral single piece of leather or other suitable ornamental flexible material, the free ends of which integral strip are doubled back upon themselves at 25, 26, 27 and 28 and sewed together by stitching 29 and 30 as seen in Figs. 4, 5 and 6. In other words one portion of this single integral strip passes entirely around the outside of the side and end walls of the upper compartment section and another portion of this single integral strip passes entirely around the side and end walls of the lower compartment section, these two portions being integrally connected together at the rear edge of the kit to form the integral hinge 3 as best understood in Fig. 1.

The turned over ends and stitches 25—30 are not visible in Fig. 1 because of being hidden by the handle strap 4, this stitching however extending from the bottom to the top of the rear

edge of the kit behind the strap 4 of Fig. 1. By forming these parts of a single integral piece of leather or the like, greater strength, economy, and pleasing appearance are accomplished. The opposite ends of the integral hinge strip 3 are folded inwardly upon themselves at 31 and 32, these turned over portions being either glued, stitched or otherwise secured to the main portion as desired. The width of the rear hinge strip 3 is sufficiently great to comfortably space the two compartment sections away from each other when they are opened up into the position shown in Fig. 3, as well as give sufficient room for securing the longitudinal central portion of the double lid thereto.

As the outer side walls 5 and 6 and the end walls 7, 8, 9 and 10 of the compartment sections are of similar construction, a detailed description of only the side wall 6 shown in Fig. 3, and its connection with the adjacent portions, will be given for brevity, it being understood that this description applies also to the other side and end walls last referred to. The construction of the inner side walls 11 and 12 is somewhat different and will be described more fully later herein. Referring to side wall 6 it will be seen that there is provided a reinforcing wire 33 which extends entirely around the upper edge of the compartment section 2 the meeting ends of which wire are welded or otherwise secured together to form a continuous reinforcing wire around said upper edge. A similar reinforcing wire 34 is provided in the upper edge of the compartment section 1. Bent over reinforcing wire 33 is a strip 35 of leather or other suitable flexible material, which after being bent around wire 33 extends downwardly therefrom in the form of a pair of parallel skirts 36 and 37 which terminate a distance downwardly within the side wall 6. These two skirts may be secured together or not as desired.

Extending downwardly along the inside of the inner skirt 37 is a strip 38 of textile or other suitable flexible ornamental material which, at its upper inner edge, has fixed thereto an overlapping portion 39; portion 39, strip 38 and skirt 37 being secured together by stitching 40. Fixed upon the upper edge of the overlapping portion 39 is the slide-fastener strip 14, it being understood that this fastener strip extends around three sides of the upper edge of each compartment section and part way along the ends of the inner side, as will be understood in Fig. 2. The integral outer leather strip of the wall 6 is stitched or otherwise secured at 41 to the outer skirt 36.

Also included in the stitching 40 of the inner skirt 37 is the lower edge of the glove fastener ear 23, which latter is also further stitched at 42 to the upper portion of the loop member 35 passing around the reinforcing wire 33, and to the overlapping portion 39.

The bottom of each of the compartment sections will now be described as applied to compartment section 2, it being understood that the bottom of compartment section 1 is of similar construction. This bottom section comprises an outer layer 43 of leather or the like doubled back upon itself around its marginal portion as shown at 44 in Fig. 3. Secured by gluing or otherwise as desired, to the inner face of the outer layer 43 is a layer 45 of wadding or other soft material. Superimposed on the wadding layer 45 is a layer 46 of chip board, cardboard, or other suitable stiffening material, which may be glued to the adjacent surface of the wadding layer or not as desired. As seen in the lower left hand corner of Fig. 3 the bent over edges 44 of the outer layer 43, and the lower edges of the outer leather layer of the side wall 6, and the inner flexible strip 38, and the marginal edge of the chip board layer 46, are sewed or otherwise secured together at 47, so as to firmly connect the side walls with the bottom of the compartment section. Also positioned above the chip board layer 46 is a stiffening layer 48 of cardboard or other suitable material, having positioned thereabove a layer 49 of textile material of ornamental appearance and fastened thereto around its edges by the stitching 50 or other suitable fastening means. The bottom of the stiffening layer 48 may be glued or otherwise fixed to the top of the chip board layer 46, or this bottom member may be secured in place in the bottom of the compartment section in any desired manner around the edges adjacent the stitching 50, in order to hold the inside portion of the bottom in place in the compartment section. The bottom layer 49 and the flexible strip 38, which are presented to view in the interior of the compartment sections will be made of material of pleasing appearance, such as silk or the like, and will preferably be waterproofed so as not to be damaged by the presence of a damp wash rag, shaving brush or other damp article that may be positioned in the compartment section.

The one-piece double lid which is made up to have the individual lids 17 and 18, is formed of continuous material indented at each end of its longitudinal center as will be understood in Fig. 2, and is composed of an upper sheet 51 and a lower sheet 52 of textile material of pleasing appearance and preferably water-proofed for reasons similar to those referred to above in connection with strip 38 and bottom sheet 49. The upper and lower sheets 51 and 52 have interposed therebetween, one for the lid 17 and one for the lid 18, a layer 53 of chip board, cardboard or other suitable stiffening material. Just beyond the inner edges of stiffening sheets 53 the upper and lower sheets 51 and 52 are stitched or otherwise secured together at 54 and 55 as will be best understood in Fig. 3, these rows of stitching occurring along the opposite edges of the hinge strip 3. Between stitching 54 and 55 the upper portion 56 and the lower portion 57 of the upper and lower sheets 51 and 52 have interposed between them a stiffening strip 57' of material similar to that of the sheets 53.

Also included in the stitching 54 and 55, and below the lower portion 57 of the central portion of the one-piece lid, is a sheet 58 of textile material having the downwardly extending skirts 59 and 60, the former being extended downwardly along the inner side of the inner wall of compartment section 2 and the latter being extended downwardly along the inner surface of the inner wall of the compartment section 1. As seen in Fig. 3 each of the downwardly extending skirts 59 and 60 are extended at their bottom edge laterally between the sheets 46 and 48 of the bottom of the compartment section as indicated at 61 and 62 and may be glued, sewed, or otherwise fixed therebetween as desired. Also the skirts 59 and 60 are stitched at 65 and 66 to the adjacent walls of the compartment sections, these stitchings passing through the strip 38, the parallel skirts 36 and 37 and the outer layer of the walls 12 or 11 of the respective compartment sections as seen in Fig. 3. The one-piece double lid has secured around its edges a bent over strip 63

so bent as to lap over both the top and bottom of the marginal edges of the lids and being secured thereto by stitching or the like 64. It is thus seen that I have provided a novel construction of lids for the compartment sections which may be swung as desired, and fastened in closed position by the snap fasteners on the tabs 21—24 in order to prevent the contents of the compartment sections being spilled when the kit is opened, and which lids may be readily opened when desired by releasing said snap fasteners. Aside from the addition of the inwardly extending skirts 59 and 60 the inner side walls of the compartment sections are of the same construction as the outer side and end walls described above in connection with, and shown in Fig. 3.

It is thus seen that I have provided a very attractive and useful twin toilet kit embodying a pair of compartment sections hinged together so that they may be closed and fastened and the kit conveniently carried around by the handle 4 with the lids closed and fastened, or the compartment sections opened up like a book and the lids unfastened and raised to open position, one at a time, to make available the fittings or articles being carried therein. It is also to be noted that when either of the opened lids is released it will automatically swing back to closed position because of the integral construction thereof. When the two compartment sections are swung together and locked by the slide fastener described above, or other suitable fastening means, the kit may be conveniently packed in a suitcase or other larger carrying case, or separately carried about by the handle 4 if desired. The present kit is made of material of pleasing appearance, so as to be attractive to the user, and is of such construction as to give great convenience in use. Also when the kit is closed the individual lids are laterally positioned apart a small distance which provides a middle space available for pockets, loops and the like to hold small fittings and into which space damp wash cloths or other articles of reasonable thinness may be positioned. The flexibility of the side and end walls of the compartment sections also in effect makes a toilet kit of the expansible and collapsible type, by virtue of which it may be more or less pressed inwardly to more readily accommodate it to the available space in a suitcase or the like in which it is necessary to push the suitcase lid downwardly when fastening the same.

I claim:

1. A twin toilet kit, comprising a pair of hollow compartment sections hinged together at adjacent side edges, each of said sections comprising side, end, and bottom walls and having a stiffening wire extending around its upper edges, a strip of flexible material bent over said wire to extend downwardly on both sides, a strip of leather fixed to the outside one of the downwardly bent flexible portions to form the outer walls of the sides and ends of said two sections, a strip of textile material fixed to the inside one of the downwardly bent flexible portions to form the inside walls of one of said sections, a bottom secured to the bottom edges of said strip of leather and said strip of textile material in each section, and a slidable fastener strip secured to and extending upwardly from the inside textile strip and the flexible material bent over the wire around three sides of each section, said strip of leather comprising a single integral

piece extending entirely around the side and end edges of both of said compartment sections and including the hinge between the sections.

2. A toilet kit as claimed in claim 1, including a one-piece double lid hinged at its central portion to the hinge between said compartment sections and forming closures therefor in open position, and complemental fastening means on the outer edge of each of the individual lids and the respective adjacent upper edge of the adjacent side wall of said compartment sections, said one-piece lid being secured at its mid-portion across the inside of said hinge.

3. A toilet kit comprising, a pair of hollow compartment sections connected by a hinge portion at one edge, said sections each having side edge walls and end edge walls, a single integral piece of flexible material forming the hinge portion and also extending entirely around the lengths of all of said side edge walls and end edge walls of both compartment sections, a bottom for each of said compartment sections, a stiffening wire extending continuously around the free edges of the side edge walls and the end edge walls of each of said compartment sections, and means for detachably fastening the free edges of the compartment sections together when closed.

4. A toilet kit comprising, a pair of hollow compartment sections connected by a hinge portion at one edge, each of said compartment sections having a pair of opposite side edge walls and a pair of opposite end edge walls connected by a bottom wall, said edge walls including a strip of flexible material extending entirely around the length of the edge walls of each compartment section, each of said strips being integral with said hinge portion, and a reinforcing strip secured at its ends to the outer edge portions of said first mentioned strips and extending transversely across an intermediate portion of said hinge portion to prevent tearing strain on the hinge portion when the compartment sections are closed.

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