Jan. 29, 1952 K. C. HAVENS 2,583,532

KIT

Filed Nov. 22, 1947 2 SHEETS—SHEET 1

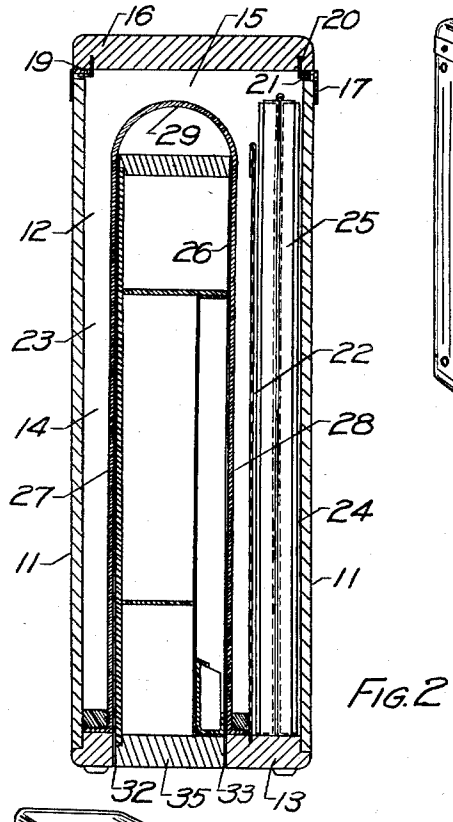

FIG. 2

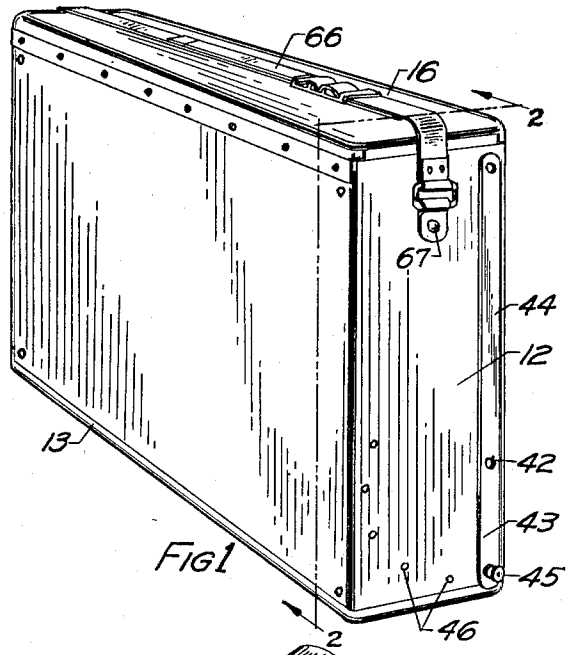

FIG 1

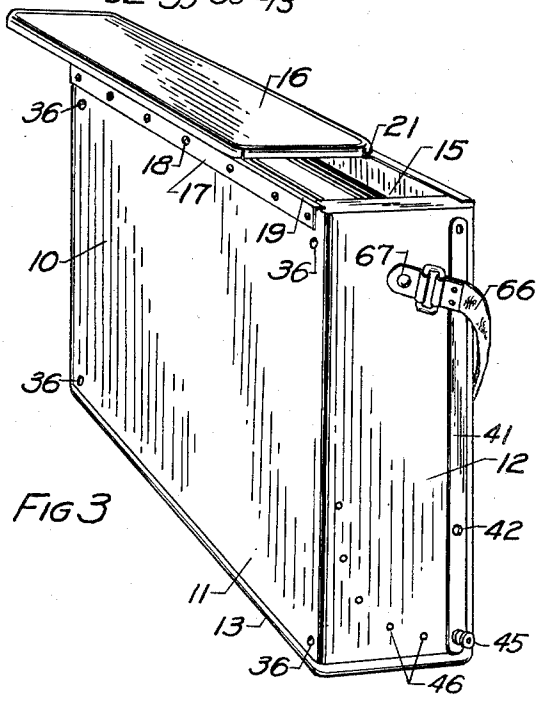

FIG 3

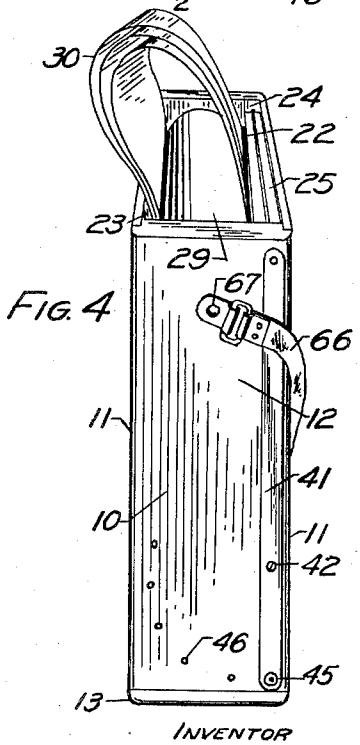

FIG. 4

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Jan. 29, 1952 K. C. HAVENS 2,583,532

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Filed Nov. 22, 1947 2 SHEETS—SHEET 2

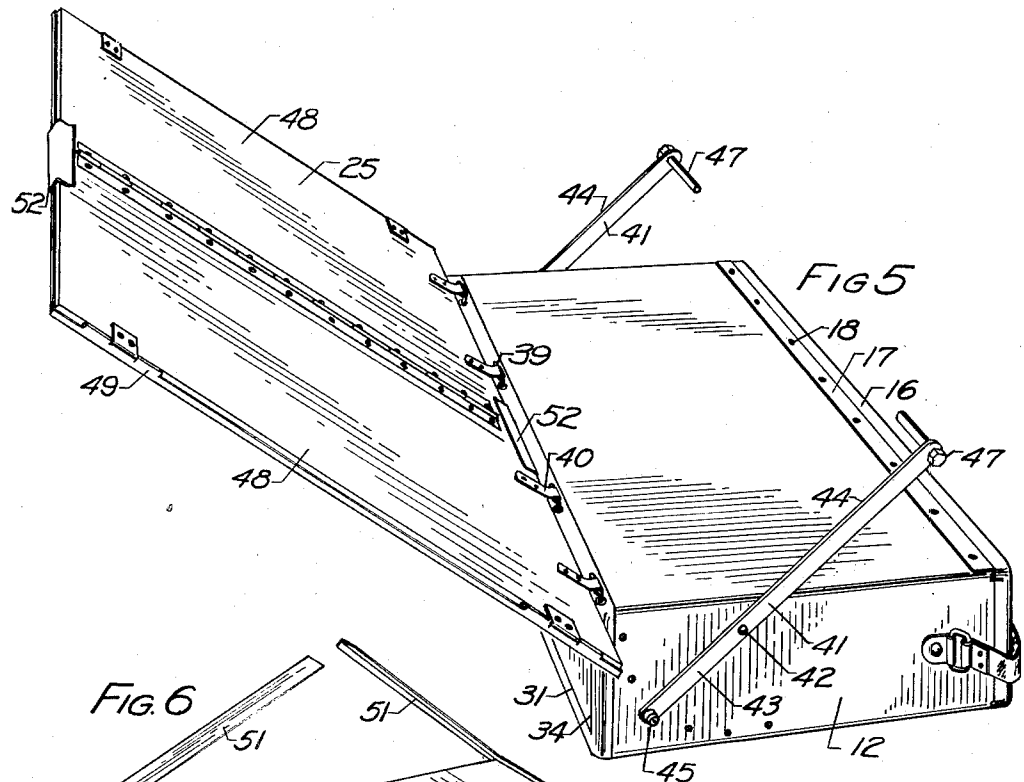
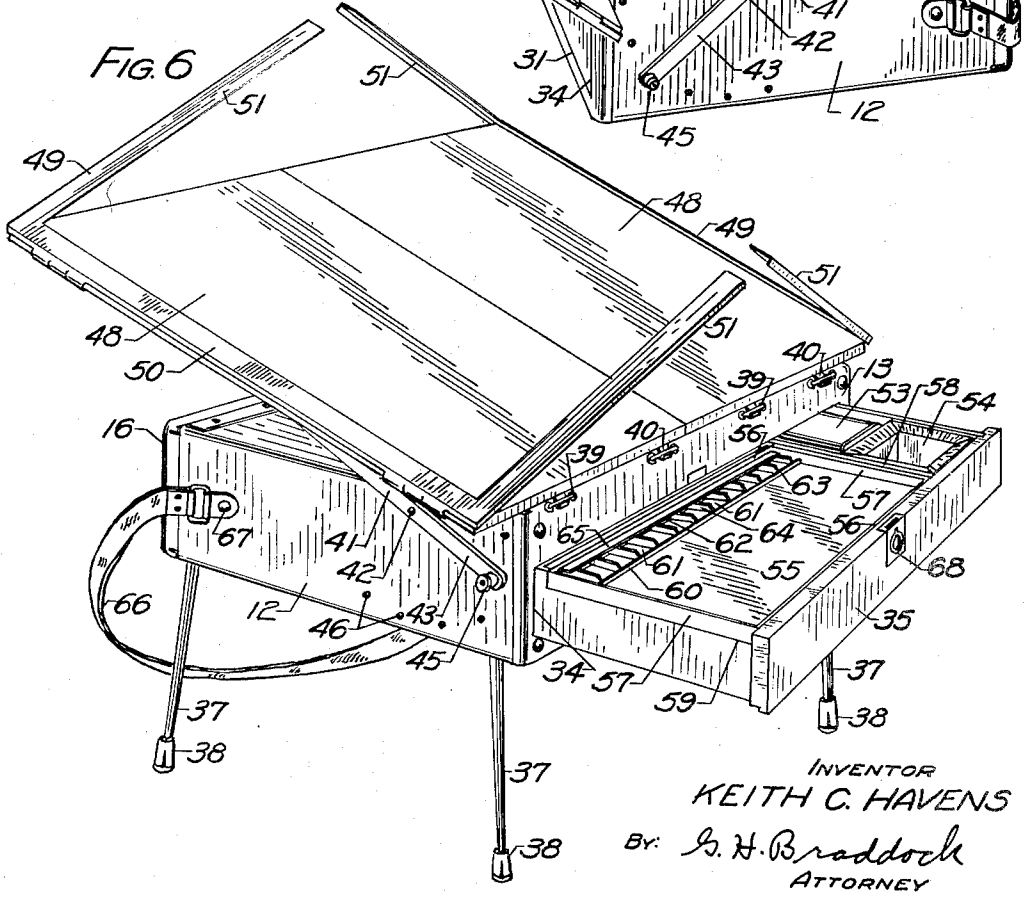


FIG 5

FIG. 6



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KIT

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17 Claims. (Cl. 312—231)

1

This invention has relation to a kit devised to be especially useful to artists who paint.

An object of the invention is to provide a kit of the kind herein presented which will be of novel and improved construction.

A further object is to provide a kit for artists who paint wherein will be incorporated desirable and improved features and characteristics of construction novel both as individual entities of the kit and in combination with each other.

And a further object is to provide a kit of structure as hereinafter set forth.

With the above objects in view, as well as others which will appear as the specification proceeds, the invention comprises the construction, arrangement and combination of parts as now to be fully described and as hereinafter to be specifically claimed, it being understood that the disclosure herein is merely illustrative and intended in no way in a limiting sense, changes in details of construction and arrangement of parts being permissible as long as within the scope of the claims which follow.

In the accompanying drawings forming a part of this specification,

Fig. 1 is a perspective view of a kit made according to the invention;

Fig. 2 is a transverse sectional view, taken on line 2—2 in Fig. 1;

Fig. 3 is a perspective view of the kit disclosing a slidably removable cover thereof in partially removed position;

Fig. 4 is a perspective view of said kit as when its cover is removed;

Fig. 5 is a perspective view of the kit as when elements thereof are being assembled to be made ready for use; and

Fig. 6 is a perspective view of said kit as when set up for use.

With respect to the drawings and the numerals of reference thereon, 10 denotes a generally rectilinear case of the kit constituted as spaced apart, parallel side walls 11, 11, spaced apart, parallel end walls 12, 12 and a bottom wall 13 perpendicular to said side and end walls. All of the side, end and bottom walls of the case are rigidly connected at their meeting locations and bound or define an interior space 14 accessible at the open, upper end 15 of said case adapted to be closed by a slidably removable cover 16. In the disclosure as made, the slidably removable cover is retained on the case by interengaged L-shape strips on said case and cover, respectively. First L-shape strips, extending longitudinally of the side walls 11, 11, each include an arm 17, rigidly secured, at 18, against the outer surface of an upper marginal portion of a side wall 11 and extending upwardly above the case, and an arm 19 extending interiorly in spaced, adjacent relation to the upper edge of the corresponding side wall. Second L-shape strips, extending longitudinally of the slidably removable cover 16, each include an arm 20, rigidly secured within and extending downwardly below a side marginal portion of said slidably removable cover, and an arm 21 extending exteriorly in spaced, adjacent relation to the corresponding side marginal portion and adapted to be situated between the arm 19 and the upper edge of the side wall 11 at the corresponding side of said case. The arms 19, 19, together with the upper edges of the side walls 11, 11, provide open ended guideways adapted to snugly, slidably and removably receive the arms 21, 21.

2

The interior space 14 is divided, by a longitudinally extending partition 22, into a relatively wide and a comparatively narrow compartment, indicated 23 and 24, respectively, which extend from end to end of said interior space. The lower end and the opposite side edges of the partition 22 are contiguous with the bottom wall 13 and the end walls 12, 12, respectively, and the upper end of said partition 22 terminates in spaced relation to the open, upper end 15 of the case 10.

The comparatively narrow compartment 24 is adapted to removably house a foldable working board 25 which the kit includes, and the relatively wide compartment 23 houses an entity 26 constituted as a combination paper or parchment support and a drawer receiving container.

The entity 26 includes spaced apart, parallel, longitudinally extending walls, denoted 27 and 28, respectively, which merge smoothly into an arc shape support 29 situated adjacent to and inwardly of the open, upper end 15 of the case 10 and disposed in perpendicular relation to the end walls 12, 12 and in parallel relation to the bottom wall 13. The lower ends and the opposite side edges of the walls 27 and 28 are contiguous with the bottom wall 13 and the end walls 12, 12, respectively, said wall 27 is in spaced, parallel relation to an adjacent side wall 11, and said wall 28 is in spaced, parallel relation to the partition 22. The relatively wide compartment 23 is for removably containing uncreased sheets, designated 30, of paper or parchment, as used by painters, with mid-portions of the sheets rested upon the arc shape support 29 and opposite end portions of said sheets situated in the longitu-

dinally extending spaces of said relatively wide compartment 23 at the exterior sides of the walls 27 and 28, contiguous with one of the side walls 11 and the partition 22, respectively.

A rectilinear slot 31 in the bottom wall 13 is bounded or defined at its opposite sides bu surfaces, represented 32 and 33, respectively, of said bottom wall substantially alined in direction transversely of the case 10 with the walls 27 and 28, and is bounded or defined at its opposite ends by surfaces, indicated 34, 34, of the bottom wall substantially alined in direction transversely of said case with the end walls 12, 12.

The longitudinally extending walls 27 and 28, together with portions of the end walls 12, 12 between said walls 27 and 28, provide a rectilinear drawer receiving container of the kit comprised as an interior space within the entity 26 contiguous with the rectilinear slot 31 and bounded by internal surfaces of the walls 27, 12, 28, 12.

A rectilinear drawer 35 of the kit is of dimension to be snugly, slidably and removably fitted into the rectilinear drawer receiving compartment. Suitable and convenient means for releasably retaining the drawer 35 within the case is denoted 68.

The case 10 is adapted to be supported upon a surface, such as the ground or a floor, with the exterior surface of one of its side walls facing upwardly and the exterior surface of its other side wall facing downwardly, thus to constitute a desk of the kit when applied to use.

The side wall of said case the exterior surface of which faces downwardly when the case is functioning as a desk includes spaced apart openings 36, one at each corner of said mentioned side wall as disclosed, for removably receiving supporting legs 37 for the desk. Feet on the lower ends of the supporting legs 37 are denoted 38.

The bottom wall 13 of the case 10 includes spaced apart hooks 39 disposed in longitudinal alinement at the marginal edge of said bottom wall adjacent the side wall of said case the exterior surface of which faces upwardly when the case is functioning as a desk, and the foldable working board 25 includes spaced apart hangers 40 disposed in longitudinal alinement at a marginal edge of said foldable working board adapted to be removably assembled with said hooks 39 in such manner as to cause the foldable working board to be supported on said case when functioning as a desk for oscillatable movement in a vertical plane. In the disclosure as made, the hooks 39 are situated forwardly of the desk which the case provides. Supporting entities, such as the hooks 39, for the foldable working board could, however, be situated in an end wall 12.

Adjustable supports for the body of said foldable working board 25 are constituted as elongated elements 41 having intermediate portions thereof secured, as at 42, to intermediate portions of upper parts of the end walls 12, 12 adjacent exterior surfaces of said end walls, lower end portions 43 adapted to extend downwardly and forwardly and upper end portions 44 adapted to extend upwardly and rearwardly of the case when functioning as a desk. The lower ends of the lower end portions 43 support inwardly extending studs 45 adapted to be selectively inserted into circumferentially spaced perforations 46 in the end walls 12, 12, and the upper end portions 44 are adapted to project upwardly above the desk. The foldable working board 25 may be supported upon the upper ends of the upper end portions 44, as in Fig. 6 of the drawings. In an instance when a smaller working board is employed, it can be supported upon removable inwardly extending lugs 47 in said upper end portions. The construction and arrangement will be such that said foldable working board can be supported on the desk to be disposed at different angles between substantially horizontal and vertical positions. When the adjustable supports are out of use they are situated as disclosed in Figs. 1, 3 and 4 of the drawings.

The foldable working board 25 consists of a pair of hingedly connected, rectilinear slabs, each indicated 48, and a paper or parchment stretching and clamping frame for each of the rectilinear slabs is denoted 49. Each stretching and clamping frame 49 includes a base portion 50 hinged to an outer side margin of a corresponding rectilinear slab, and inwardly extending leg portions 51, 51 adapted to be engaged down against opposite end margins of said corresponding rectilinear slab. The overall length of each leg portion 51 is such that the inner ends of leg portions of the different stretching and clamping frames will be substantially alined with the meeting edges of the rectilinear slabs 48 when these are alined and engaged by the stretching and clamping frames. Clamps 52, adapted to be removably situated on opposite end portions of meeting edges of said rectilinear slabs 48, and also on inner end parts of leg portions of the different stretching and clamping frames when down against the rectilinear slabs, are for retaining said rectilinear slabs in alined relation. Additional clamps such as 52 can be employed to cause intermediate parts of the leg portions 51 to be held down against the working board.

The drawer 35 includes compartments for containing equipment. In the disclosed embodiment of the invention, one compartment of said drawer contains a vessel 53 and a pan 54 for water. Other compartments of the drawer 35 can contain the supporting legs 37, brushes, pencils, pens, a folding chair and accessories.

A palette 55 of the kit, removably situated in the drawer 35, is of flat, rectilinear configuration and includes oppositely disposed, upwardly extending side and end walls, represented 56, 56 and 57, 57, respectively. The palette 55 is slidably supported upon upper surfaces of upstanding walls of said drawer with its opposite sides in adjacent relation to longitudinally extending, front and rear members of the drawer and one of its ends in adajacent relation to a transversely extending partition 58 of the drawer cooperating in defining the compartment having the vessel 53 and the pan 54. The end wall of the drawer 35 opposite the transversely extending partition 58 is cut away to provide an upper surface 59, in the plane of the upper surfaces of the upstanding walls upon which the palette is slidably supported, upon which said palette is rested in such manner as to be capable of sliding movement to uncovered condition of compartments of said drawer beneath the palette. The construction and arrangement are provision for slidable movement of said palette while maintained substantially in a horizontal plane.

A holder for pigments, removably supported upon and in the palette 55, is represented 60, and pigment receiving concavities of said holder are designated 61. The concavities 61 are bounded or defined at their rearward and forward ends by spaced apart, longitudinally and upwardly extending rear and front walls, denoted 62 and 63, respectively, of the holder 60, and at their oppo-

site sides by spaced apart, transversely and upwardly extending walls 64 of said holder. A flange 65, on the upper edge of the rear wall 62 and overhanging the concavities 61, functions to retain pigments in said concavities when the case 10 is in upright position.

An adjustable carrying strap for the kit is designated 66. Opposite ends of said carrying strap are secured, as at 67, to end portions of the end walls 12, 12 adjacent to the slidably removable cover 16 in such manner that the carrying strap can be accessible at location above the case.

What is claimed is:

1. In a kit, a rectilinear case including spaced apart, oppositely disposed side and end walls and a bottom wall and adapted to be rested upon a support with the exterior surface of one of its side walls facing upwardly and the exterior surface of its other side wall facing downwardly thus to constitute a desk, spaced apart supporting legs for the case when constituted as a desk adapted to be detachably assembled with the side wall of said case the exterior surface of which faces downwardly, a working board for the case when constituted as a desk adapted to be situated above the side wall of said case the exterior surface of which faces upwardly, means for removably, adjustably supporting said working board on said case, and a drawer for equipment situated in the case and slidably removable therefrom at the location of said bottom wall, said case including an open, upper end, and a slidably removable cover for closing said open, upper end.

2. In a kit, a rectilinear case including an open, upper end, spaced apart, oppositely disposed side and end walls and a bottom wall and adapted to be rested upon a support with the exterior surface of one of its side walls facing upwardly and the exterior surface of its other side wall facing downwardly thus to constitute a desk, spaced apart supporting legs for the case when constituted as a desk adapted to be detachably assembled with the side wall of said case the exterior surface of which faces downwardly, a working board for the case when constituted as a desk adapted to be situated above the side wall of said case the exterior surface of which faces upwardly, means for removably, adjustably supporting said working board on said case, an entity in said case providing a paper support adjacent the open, upper end of the case and a drawer receiving container contiguous with said bottom wall, and a drawer for equipment situated in said drawer receiving container and slidably movable therefrom through a rectilinear opening in said bottom wall.

3. The combination as specified in claim 2, and a slidably removable cover for closing said open, upper end.

4. The combination as specified in claim 2 wherein said paper support is of curvilinear configuration.

5. The combination as specified in claim 2, and a partition in said case providing a compartment adjacent said paper support and contiguous with said open, upper end.

6. In a kit, a rectilinear case including an open, upper end, spaced apart, oppositely disposed side and end walls and a bottom wall and adapted to be rested upon a support with the exterior surface of one of its side walls facing upwardly and the exterior surface of its other side wall facing downwardly thus to constitute a desk, spaced apart supporting legs for the case when constituted as a desk adapted to be detachably assembled with the side wall of said case the exterior surface of which faces downwardly, an entity in the case providing a paper support adjacent the open, upper end of the case and a drawer receiving container contiguous with said bottom wall, and a drawer for equipment situated in said drawer receiving container and slidably removable therefrom through a rectilinear opening in said bottom wall.

7. In a kit, a rectilinear case including an open, upper end, spaced apart, oppositely disposed side and end walls and a bottom wall and adapted to be rested upon a support with the exterior surface of one of its side walls facing upwardly and the exterior surface of its other side wall facing downwardly thus to constitute a desk, spaced apart supporting legs for the case when constituted as a desk adapted to be detachably assembled with the side wall of said case the exterior surface of which faces downwardly, an entity in said case including spaced apart, longitudinally extending walls and a curvilinear member rigid with said longitudinally extending walls adjacent said open, upper end, the longitudinally extending walls providing a drawer receiving container contiguous with said bottom wall and said longitudinally extending walls and curvilinear member together providing a paper support, and a drawer for equipment situated in said drawer receiving container and slidably removable therefrom through a rectilinear opening in said bottom wall.

8. In a kit, an equipment receiving case including an open, upper end and spaced apart, oppositely disposed side walls and adapted to be rested upon a support with the exterior surface of one of its side walls facing upwardly and the exterior surface of its other side wall facing downwardly thus to constitute a desk, spaced apart supporting legs for the case when constituted as a desk adapted to be detachably assembled with the side wall of said case the exterior surface of which faces downwardly, and a removable cover for closing said open, upper end of the case.

9. The combination as specified in claim 8, and a paper support in said case accessible at said open, upper end.

10. The combination as specified in claim 1, and a paper support in said case accessible at said open, upper end.

11. The combination as specified in claim 1, and a curvilinear paper support in said case adjacent said slidably removable cover.

12. The combination as specified in claim 8, and a curvilinear paper support in said case adjacent said removable cover.

13. In a kit, an equipment receiving case including spaced apart, oppositely disposed side and end walls and adapted to be rested upon a support with the exterior surface of one of its side walls facing upwardly thus to constitute a desk, a working board for the case adapted to be situated above the side wall of said case the exterior surface of which faces upwardly, hooks on said case and hangers on said working board for detachably, oscillatably securing the working board to the case, and elongated elements adjustably supported upon said end walls and including supporting elements for said working board.

14. In a kit, a case including an open, upper end, spaced apart, oppositely disposed side and end walls and a bottom wall and adapted to be

rested upon a support with the exterior surface of one of its side walls facing upwardly and the exterior surface of its other side wall facing downwardly thus to constitute a desk, spaced apart supporting legs for the case when constituted as a desk adapted to be detachably assembled with the side wall of said case the exterior surface of which faces downwardly, and an entity in said case providing a paper support adjacent the open, upper end of the case and a drawer receiving container with said bottom wall.

15. The combination as specified in claim 14, and a removable cover for said open, upper end of the case.

16. The combination as specified in claim 14 wherein said paper support is of curvilinear configuration.

17. The combination as specified in claim 14 wherein said paper support is of curvilinear con-

figuration, and a removable cover for said open, upper end of the case.

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