

Sept. 17, 1957

K. C. HAVENS
KIT FOR ARTIST

2,806,311

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2 Sheets-Sheet 1

FIG. 1

FIG. 2

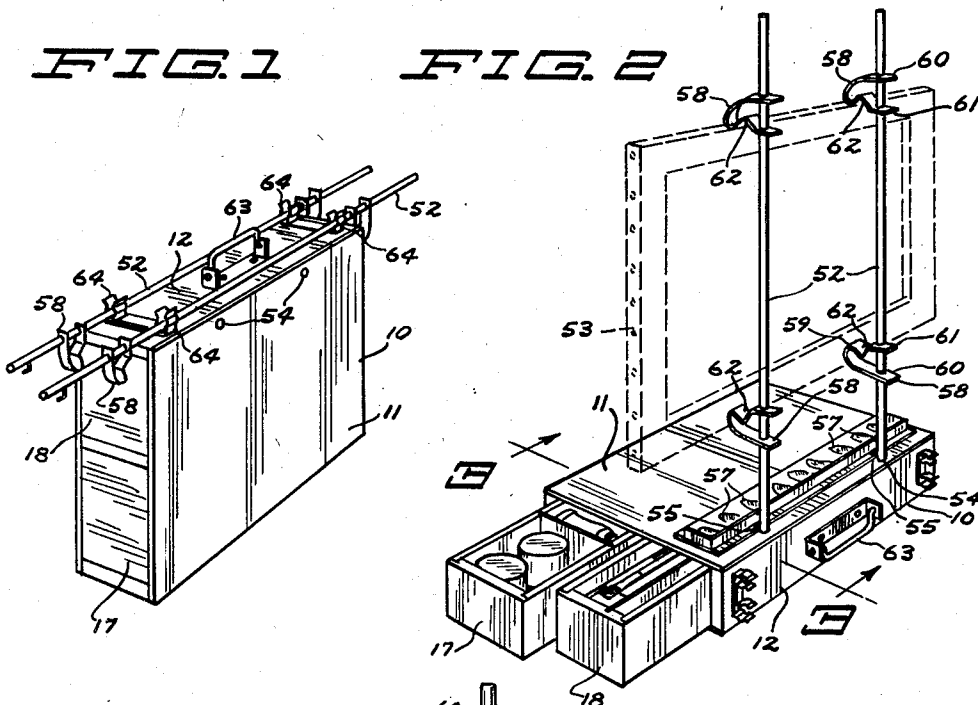


FIG. 3

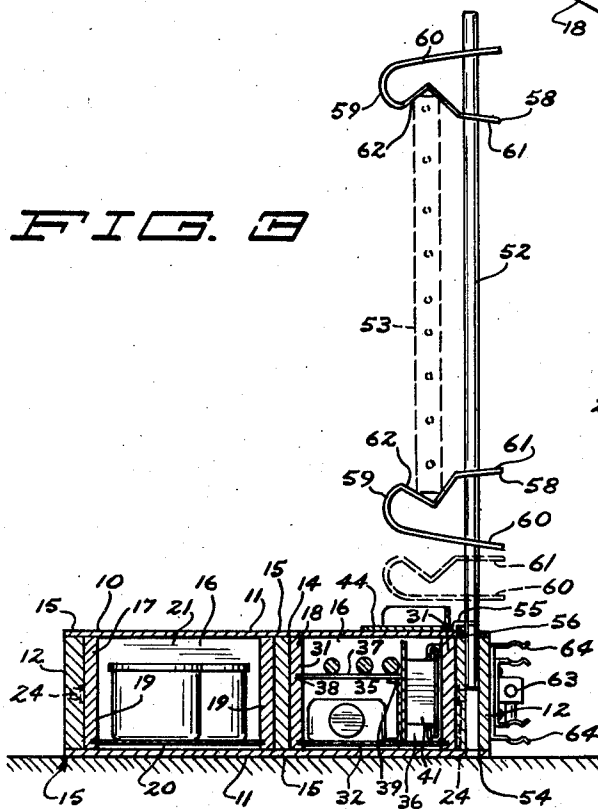
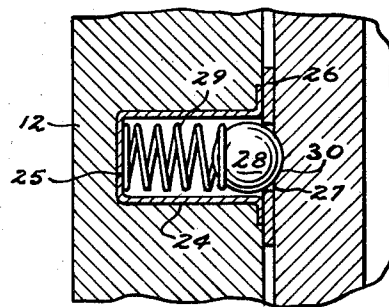


FIG. 4



INVENTOR.
KEITH C. HAVENS
BY Braddock & Braddock

ATTORNEYS

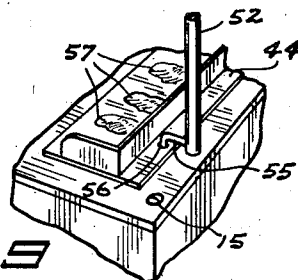
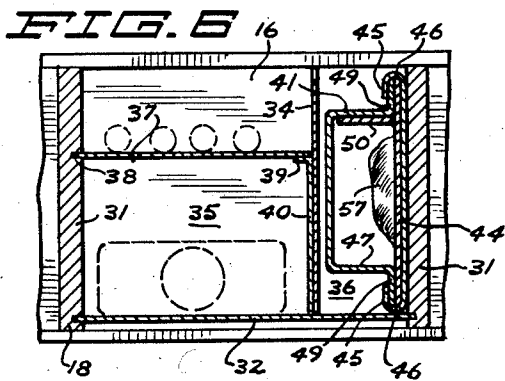
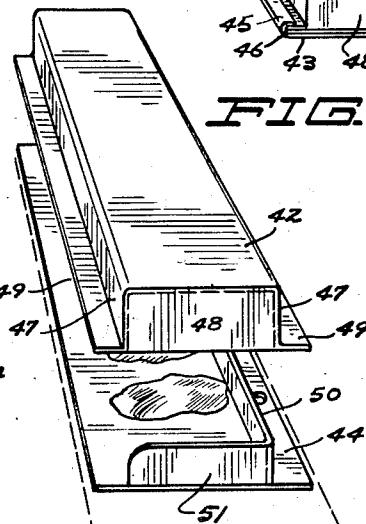
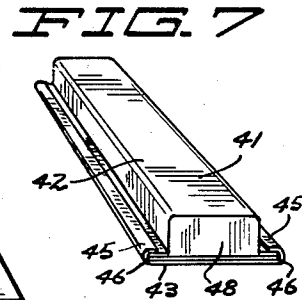
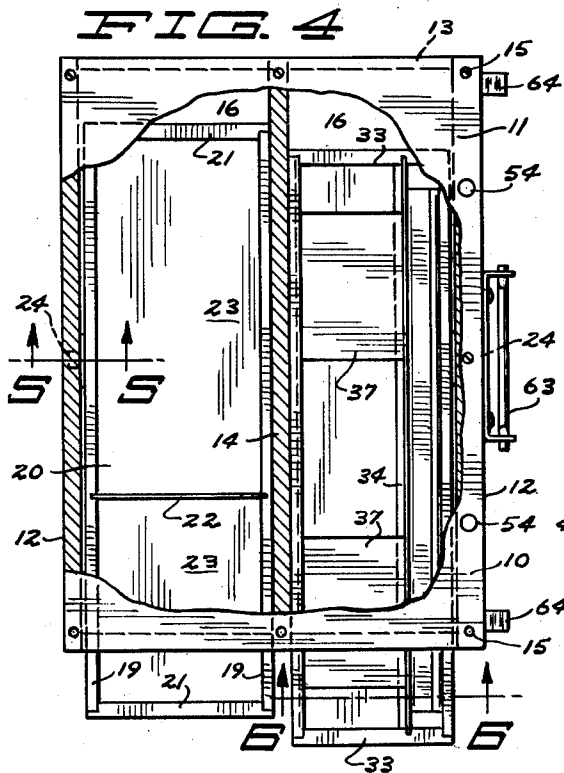
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INVENTOR.
KEITH C. HAVENS
BY *Braddock + Braddock*

ATTORNEYS

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KIT FOR ARTIST

Keith C. Havens, Mound, Minn.

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7 Claims. (Cl. 41—4)

The invention herein has relation to a kit for artists who paint.

In the accompanying drawings forming a part of this specification,

Fig. 1 is a perspective view of a kit made according to the invention as when not in use;

Fig. 2 is a perspective view of the kit as when ready for use;

Fig. 3 is an enlarged sectional view, taken on line 3—3 in Fig. 2;

Fig. 4 is a plan view, partially in section, partially broken away and with parts omitted, of the disclosure of Fig. 3;

Fig. 5 is a detail sectional view, taken on line 5—5 in Fig. 4;

Fig. 6 is a detail sectional view, taken on line 6—6 in Fig. 4;

Fig. 7 is a perspective view, on a scale larger than in Fig. 3, of a container of the kit as when removed from the remainder thereof;

Fig. 8 is an enlarged perspective view, partially broken away, of elements of the container in disassembled relation; and

Fig. 9 is a fragmentary perspective view detailing the manner of assembly of an intermediate element of the container with a case of the kit when set up for use.

A rectilinear case 10 of the kit is constituted as spaced apart, parallel top and bottom walls 11, 11, spaced apart, parallel side walls 12, 12 in perpendicular relation to the top and bottom walls, a rear wall 13 in perpendicular relation to said side and top and bottom walls, and a partition wall 14 between and in parallel relation to said side walls. The partition wall 14 spans the distance between the top and bottom walls 11, 11, and all of said side, top, bottom, rear and partition walls are secured together, as by screws 15. Said partition, side, top and bottom walls, together, provide a pair of rectilinear compartments, each denoted 16, which are wide open at the front of the kit. The rectilinear compartments 16 are at opposite sides of the partition wall 14.

Each compartment 16 slidably houses a drawer, represented 17 and 18, respectively, for receiving articles used by artists who paint.

The drawer 17, at the left in Figs. 2, 3 and 4, is constituted as spaced side walls 19, 19 slidably along a wall 12 and the partition 14 of the kit, a bottom wall 20 in spaced relation to a wall 11 of said kit and front and rear walls, each indicated 21, in parallel relation to the rear wall 13 of the kit. The drawer 17 is open at its top. A partition wall 22, in spaced, parallel relation to the front and rear walls 21, 21, divides the drawer into front and rear compartments, each designated 23, for the reception of paraphernalia employed by artists who paint.

The construction and arrangement desirably can be such that when the drawer 17 is wholly within the kit, as in Fig. 1 of the drawings, the rear wall of said drawer will be in proximate relation to the rear wall 13 of said kit while the front wall of the drawer is in the plane of

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the forward ends of the side, top, bottom and partition walls of the kit. An instrumentality for retaining the drawer 17 in wholly inserted position against the possibility of its accidental displacement is best disclosed in Figs. 3, 4 and 5. As there shown, a wall 12 of the kit includes a concavity which contains a hollow cylindrical member 24 closed at its exterior end 25 and open at its interior end to the corresponding compartment 16 of the kit. The hollow cylindrical member 24 is perpendicular to the wall 12 by which it is housed, and a limit plate 26, within said corresponding compartment 16 and in perpendicular relation and rigidly secured to the interior end of said hollow cylindrical member 24, includes an annular aperture 27 concentric with and of smaller diameter than the hollow cylindrical member. A latching ball 28 in the interior end portion of said hollow cylindrical member is resiliently urged toward the limit plate 26 by a compression coil spring 29 between the exterior end 25 of the hollow cylindrical member and the latching ball, and a spherical concavity 30 in an adjacent surface of the adjacent side wall 19 of the drawer 17 is for reception of a segment of the latching ball, as in Fig. 5, when said drawer 17 is in closed position. The construction and arrangement will be such that the drawer when wholly inserted will be retained against the possibility of accidental displacement, but can be removed and replaced by expenditure of slight manual effort.

The drawer 18, at the right in Figs. 2, 3 and 4, and also disclosed in Fig. 6, is constituted as spaced side walls 31, 31 slidably along a wall 12 and the partition 14 of the kit, a lower wall 32 in spaced relation to a wall 11 of said kit and front and rear walls, each denoted 33, in parallel relation to the rear wall 13 of the kit. A partition wall 34 of said drawer 18, in spaced, parallel relation to the side walls 31, 31, divides the drawer into longitudinally extending compartments, represented 35 and 36, respectively, the compartment 35 being at the left and the compartment 36 being at the right of the partition wall 34 in said Figs. 2, 3, 4 and 6. Each of the compartments 35 and 36 is for the reception of paraphernalia useful to artists who paint.

The compartment 35 is open at its top save for slidably and removable shelves 37 within said compartment disposed in spaced, parallel relation to and above the lower wall 32. One side edge of each shelf, the left side edge in Figs. 2, 3, 4 and 6, is slidably received in a longitudinal slot 38 in the adjacent surface of the left side wall of the drawer 18, and the other side edge portion of each shelf slidably rests upon an interiorly extending flange 39 integral with a strip or piece 40 rigidly secured against the adjacent surface of the partition wall 34. The overall length of the shelves 37 is considerably less than that of the compartment 35. The lower portion of said compartment is for receiving such articles as turpentine, etc., and the shelves 37 are for supporting brushes, etc., in the manner as disclosed in the drawings. Said shelves are slidably and removable in order that paraphernalia in the lower portion of the compartment 35 will be readily and easily accessible. The compartment 36, open at its top, is for removably receiving a container 41 of the kit for oil paints, customarily having a pasty consistency.

The drawer 18, like the drawer 17, desirably can be of length approximately equal to that of each of the compartments 16 of the kit, and can be releasably retained in wholly inserted position in the same manner as is said drawer 17.

The container 41 is constituted as upper and lower base elements, indicated 42 and 43, respectively, and an intermediate element 44 for retaining batches of oil paint.

The lower base element 43 is constituted as a flat, elongated strip of material having parallel, upwardly and inwardly extending flanges 45, 45 integral with the opposite

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side edges thereof and providing, together with said flat strip, elongated guideways 46, 46 in facing relation to each other.

The upper base element 42 is constituted as a flat, elongated strip of material having parallel, downwardly extending walls 47, 47 at the opposite sides thereof and parallel, downwardly extending walls 48, 48 at the opposite ends thereof. The downwardly extending walls 47 and 48 are integral with and in perpendicular relation to the elongated flat strip of the upper base element, as well as integral with and perpendicular to each other, and the lower edges of all of said downwardly extending walls terminate in a single plane parallel to said elongated flat strip of said upper base element. Retainer bars 49, 49 of the upper base element 42 are integral with and extend perpendicularly outwardly from the lower edges of the downwardly extending walls 47, 47. Each of the retainer bars 49 is of uniform width, the overall width of said upper base element, including its retainer bars, is greater than a measurement representing the distance between the free, interior edges of the upwardly and inwardly extending flanges 45, 45 and less than a measurement representing the overall width of the lower base element 43, and the downwardly extending walls 47, 47 of the upper base element 42 are spaced apart a distance less than a measurement representing the distance between said free, interior edges of said flanges 45, 45. Desirably, the lower base element 43 will be at least as long as is the upper base element 42. As disclosed, said upper and lower base elements are of equal length.

The batch retaining intermediate element 44 is constituted as a flat, elongated strip of material of rectilinear configuration having width substantially equal to a measurement representing the overall width of the upper base element 42 and length less than a measurement representing the distance between the downwardly extending walls 48, 48 of said upper base element. A longitudinal wall 50 extends upwardly from the upper surface of the intermediate element 44 at a location in spaced, parallel relation to a side edge of said intermediate element, and transverse walls, each designated 51, extend upwardly from the upper surface of said intermediate element at the opposite ends thereof. The upwardly extending walls 51, 51 are integral with and perpendicular to the body of the intermediate element, as well as of equal, uniform width not greater than a measurement representing the width of each of the downwardly extending walls 47 and 48. The exterior surface of the longitudinal wall 50 and the free ends of the transverse walls 51, 51 are spaced from the opposite side edges, respectively, of said intermediate element a distance greater than a measurement representing the width of each retainer bar 49.

In Figs. 2, 3, 4, 6 and 7, the upper and lower base elements 42 and 43 are disclosed as when assembled, with the intermediate element 44 housed therein. In Fig. 8, said elements 42, 43 and 44 are disclosed as when disassembled. To assemble the elements, the longitudinal and transverse walls of the intermediate element are inserted in the upper base element 42 and the upper surfaces of the retainer bars 49, 49 are made to engage opposite side edge marginal portions of the lower surface of the body of said intermediate element. While so held, said retainer bars and opposite side edge marginal portions are slid longitudinally of the lower base element 43 into its guideways 46, 46. Desirably, each of said guideways will have width about equal to the overall thickness of the corresponding retainer bar and intermediate side edge portion. When the elements of the container 41 are in assembled relation, the oil paint retaining intermediate element will be completely shut off from atmosphere, thus to preclude drying out of housed oil paints. The elements of said container can be readily and easily disassembled merely by sliding the upper base element 42 and the intermediate element 44 relatively to the lower base element 43 until released therefrom.

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Elongated elements 52, 52 of the kit are for providing, together with the rectilinear case 10, an easel for supporting a frame, such as 53, with canvas or the like to be painted. As disclosed, each elongated element 52 consists of a post or rod of cylindrical configuration. One of the side walls of the case 10 includes spaced apart apertures, each denoted 54, which extend therethrough and also extend through and in perpendicular relation to the top and bottom walls of said case.

As will be clear from Figs. 2, 3 and 9, the intermediate element 44 is rested upon a wall 11 of the case 10 when in use, adjacent the apertures 54 at the forward side thereof. The elongated elements, posts or rods 52, 52 are not only for supporting a frame, such as 53; they also serve to locate the intermediate element 44 upon the case. To this end, an interiorly and downwardly extending hook member 55 on a lower end portion of each elongated element, post or rod 52 is removably located in an aperture, each indicated 56, in a rearward portion of said intermediate element. The elongated elements, posts or rods 52 will be snugly fitted to the apertures 54, and the hook members 55 will limit the extent to which said elongated elements, posts or rods can move downwardly in the case 10, as well as locate the intermediate element 44 upon said case. An upper surface of said intermediate element is for receiving separate batches of oil paints, each represented 57, adapted to adhere to said upper surface. Attention is called to the fact that the kit can find use with either of the walls 11, 11 facing upwardly, inasmuch as the apertures 54, 54 extend through both of said walls, as well as through a wall 12.

Each of the elongated elements, posts or rods 52 supports longitudinally adjustable clips, each represented 58, upon which a frame, such as 53, can be mounted. Each of said clips 58 is constituted as a length of resilient material, such as metal, of general U-shape. A base 59 of each clip is in spaced relation to the corresponding elongated element, post or rod 52, and said corresponding element, post or rod passes snugly through an aperture in each of spaced legs, denoted 60 and 61, respectively, of the clip. The leg 61 of each clip includes a V-shaped bend 62, the V-shaped bend of lower clips facing upwardly and the V-shaped bend of upper clips facing downwardly. The construction and arrangement will be such that the legs 60, 61 of each resilient clip can be readily and easily slid along the corresponding element, post or rod 52 when said legs are pressed toward each other, but will be grasped to said corresponding elongated element, post or rod when released to return toward natural shape. The legs of each clip will be manually moved toward each other while the clip is being slid longitudinally, and released when said clip is in desired position to become grasped upon the corresponding elongated element, post or rod. The lower end of a frame, such as 53, when mounted upon the easel will be seated in upwardly facing V-shaped bends of lower clips while the upper end of said frame is situated in downwardly facing V-shaped bends of upper clips, as in Figs. 2 and 3 of the drawings.

A carrying handle 63 for the kit is secured centrally to a wall 12 of the case 10, and spaced attaching clips 64 upon the wall having said handle are for detachably retaining the elongated elements, posts or rods 52 when not in use. As disclosed, there are two attaching clips 64 in longitudinal alinement at each side of the carrying handle 63.

The manner in which the kit is to be employed will be apparent.

What is claimed is:

1. In a kit, a case, an elongated element, and means, constituted as an aperture in said case for receiving a lower end portion of said elongated element and a hook member upon the elongated element for limiting the extent to which it can move downwardly in said aperture,

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for removably supporting said elongated element upon said case.

2. In a kit, a case, an elongated element, a batch receiving strip, and means, constituted as an aperture in said case for receiving a lower end portion of said elongated element and a hook member upon the elongated element engageable with an upper surface of said strip, for removably supporting said elongated element and retaining the strip upon said case.

3. In a kit, a case, an elongated element, first means for removably supporting said elongated element upon said case in substantially perpendicular relation thereto constituted as an aperture in the case for receiving a lower end portion of the elongated element and a hook member upon said elongated element for limiting the extent to which the elongated element can move downwardly in said aperture, and second means for removably supporting said elongated element upon the case in substantially parallel relation thereto constituted as longitudinally alined attaching clips upon an external surface of said case.

4. In a kit, a case, an elongated element, a batch receiving strip, first means for removably supporting said elongated element upon said case in substantially perpendicular relation thereto and for removably retaining said strip upon the case constituted as an aperture in said case for receiving a lower end portion of the elongated element and a hook member upon the elongated element engageable with an upper surface of said strip, and second means for removably supporting said elongated element upon the case in substantially parallel relation thereto constituted as longitudinally alined attaching clips upon an external surface of said case.

5. In a kit, a container comprising an upper base element constituted as an elongated strip of material having downwardly extending walls at opposite sides and ends thereof and first retainer members extending exteriorly from lower edges of said downwardly extending side walls, a lower base element constituted as an elongated

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strip of material opposite side portions of which provide second retainer members, an intermediate element for retaining batches of oil paint constituted as an elongated strip of material opposite side edge portions of which provide third retainer members, and means upon the retainer members of one of said base elements for slidably, detachably connecting the first and second retainer members at each of the opposite sides of the upper and lower base elements to each other with the third retainer members at the opposite sides, respectively, of said intermediate element situated between and engaged by the first and second retainer members at the same side of said container.

6. The combination as specified in claim 5 wherein the retainer members of one of said base elements includes internally extending flanges providing therewith guide-ways in which the retainer members of the other base element and the third retainer members are slidably situated.

7. The combination as specified in claim 5, and up-standing walls upon the elongated strip of said intermediate element to be situated between the downwardly extending side and end walls of said upper base element when the upper and lower base elements are in assembled relation.

References Cited in the file of this patent

UNITED STATES PATENTS

41,451	Streeter	Feb. 2, 1864
44,447	O'Donnell	Sept. 27, 1864
654,841	Sabin	July 31, 1900
1,454,709	Douglas	May 8, 1923
1,631,209	Jewel	June 7, 1927
2,095,482	Spicciato	Oct. 12, 1937
2,227,152	Pidot	Dec. 31, 1940
2,372,077	Glinecki	Mar. 20, 1945
2,473,532	Lazare	June 21, 1949