May 10, 1949. C. K. SPANGLER ET AL 2,469,749

PAINTER'S KIT

Filed April 12, 1948 3 Sheets-Sheet 1

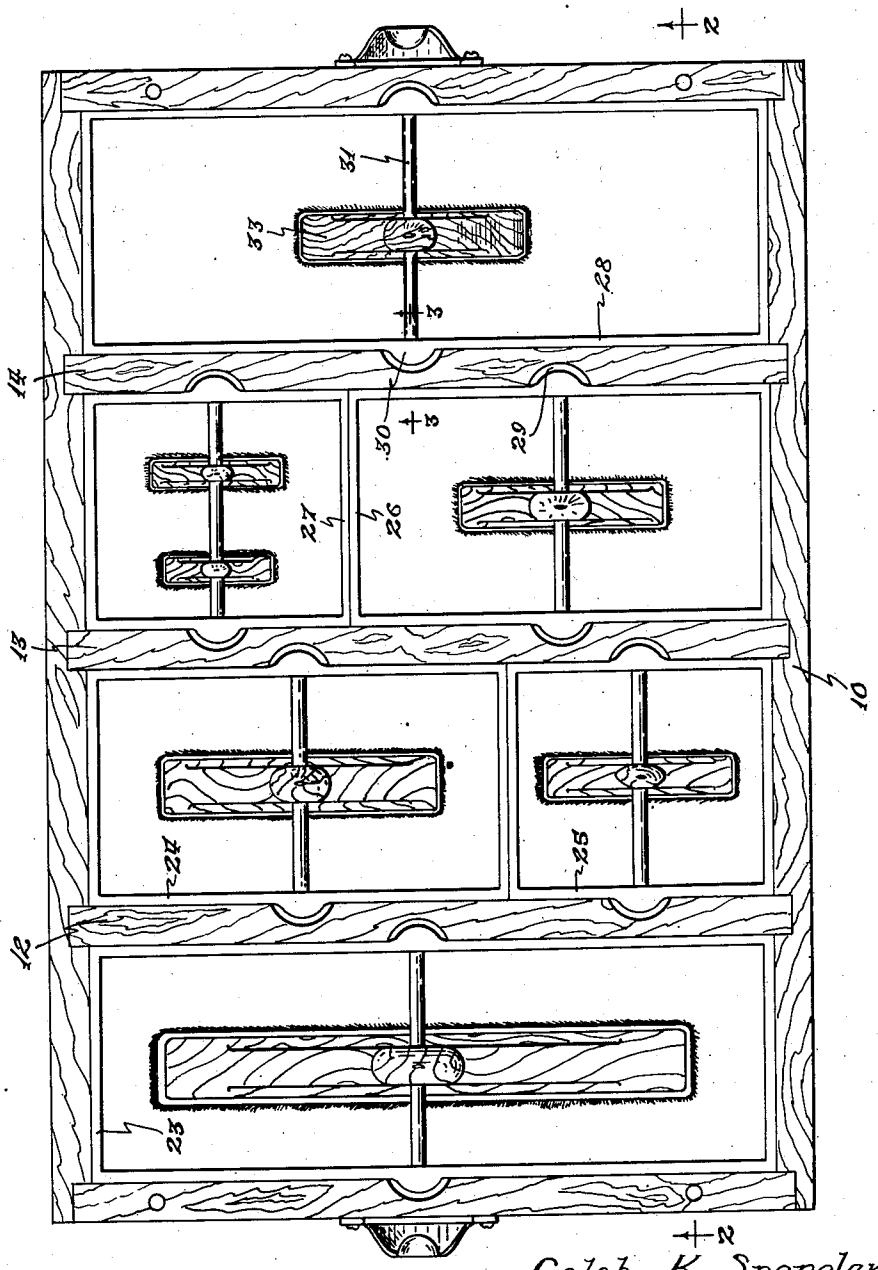


FIG. 1.

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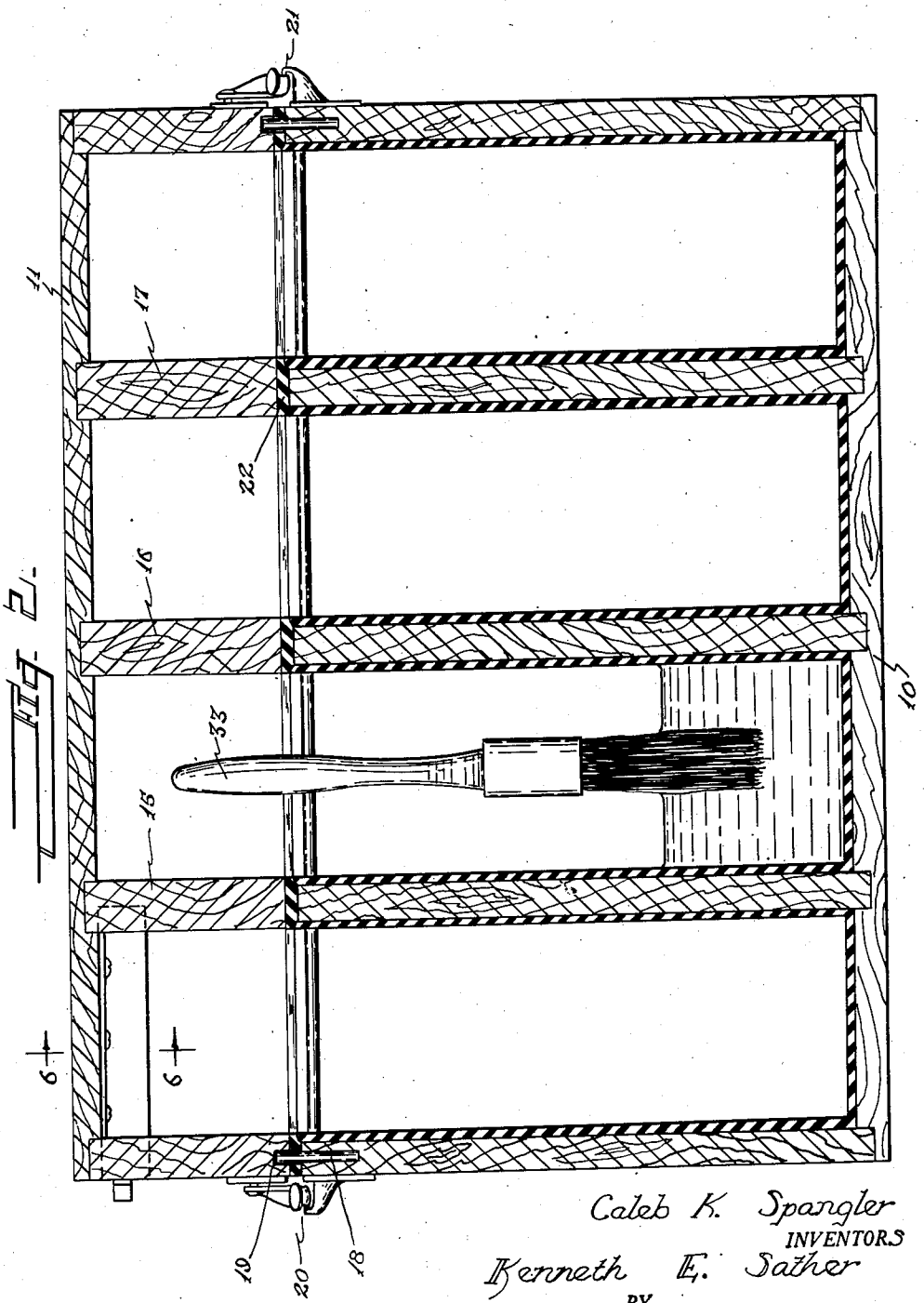


FIG. 2.

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Fig. 3.

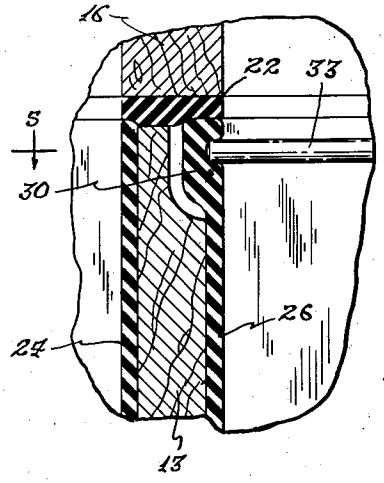


Fig. 4.

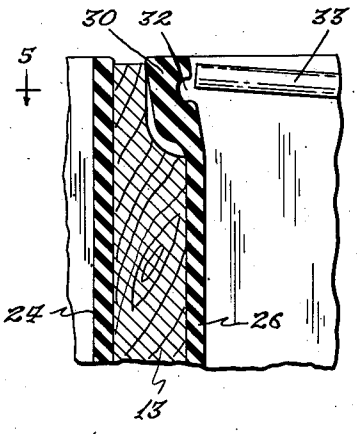


Fig. 5.

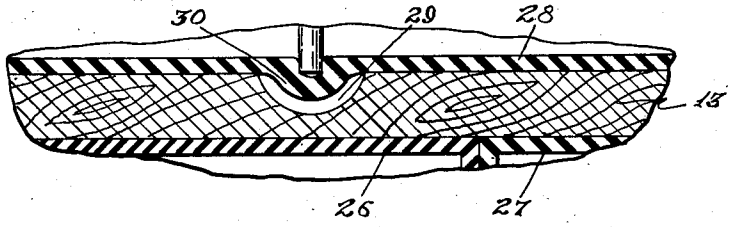
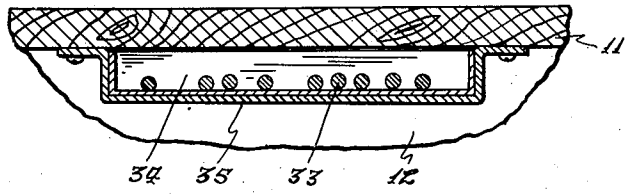


Fig. 6.



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2,469,749

UNITED STATES PATENT OFFICE

2,469,749

PAINTER'S KIT

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Application April 12, 1948, Serial No. 20,524

7 Claims. (Cl. 206—15.1)

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Our invention relates to improvements in a painter's kit.

It is the principal purpose of our invention to provide a novel container arrangement for painters' brushes whereby they may be kept in proper condition for use. It is a well known fact that, despite previous attempts to provide a suitable kit for use by painters, they have not come into general use. The great majority of painters still find it necessary to keep their brushes in open buckets or cans. One will often see several different brushes in the same vessel with no extra support, so the bristles get bent and the various colors and types of paints are intermingled. Such conditions lead to poorer quality of work, irritation of the painter and a great loss of time.

Our invention contemplates the provision of a novel painter's kit in which the painter may keep his brushes in such fashion that they are in soft ready-to-use condition for the various kinds of work, and readily accessible. The kit includes a series of compartments, sealed off from each other when the kit is closed so that accidental tip-overs will not mix the brushes or the various liquids used to keep the bristles soft. When open the kit permits ready selection of the desired brush. Replenishment or replacement of the contents of a compartment may be accomplished without disturbing the contents of other compartments.

A further and more specific purpose of our invention is to provide a novel bar mounting by which a supporting bar for the brushes may be releasably held in place.

The novel features that we consider characteristic of our invention are set forth with particularity in the claims. The invention itself, however, together with additional objects and advantages thereof, will best be understood from the description of a specific embodiment when read in connection with the accompanying drawings, in which

Figure 1 is a plan view of the kit with the cover removed;

Figure 2 is a sectional view taken on the line 2—2 of Figure 1;

Figures 3 and 4 are enlarged fragmentary sectional views taken on the line 3—3 of Figure 1;

Figure 5 is a sectional view on the line 5—5 of Figure 3; and

Figure 6 is a sectional view on the line 6—6 of Figure 2.

Referring now to the drawings, our improved painter's kit comprises a container 10 and a cover 11. Both the container and the cover

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are divided by partitions to form a plurality of compartments. The container has partitions 12, 13 and 14; the cover has matching partitions 15, 16 and 17. We have shown the container and cover as made of wood, although any suitable material may be used for this purposes. Matching pins 18 and sockets 19 are provided in the ends of the container and cover respectively so as to insure accurate seating of the cover on the container. In order to lock the parts together, suitable locking devices 20 and 21 are provided at the opposite ends of the container. The locking devices shown are ordinary window locks, which serve effectively for our purpose.

One of the difficult problems in providing a painter's kit lies in furnishing means to segregate the various brushes so that they may be suspended in a liquid of the proper type to keep the bristles soft. The brushes used for different types of coating, for example, should not be placed together. The partitions in the container and the cover seal off separate chambers when the cover is in place. A sealing gasket 22 is provided on the lower rim of the cover and on the lower edges of the several partitions 15, 16 and 17. This gasket engages the top surface of the container and the surfaces of the partitions 12, 13 and 14. It is not possible, therefore, for the liquids in the different compartments to mingle with each other, even though the kit is turned over by accident.

In order to make it possible to keep the container in workable condition, in spite of the tendency of the paint from the brushes to build up in the various compartments, we provide separate vessels such as 23, 24, 25, 26, 27 and 28 in the several compartments. These vessels extend to the top of the container so that their top edges will be engaged by the gasket 22 to seal off the vessels at this point and prevent paint from getting between the vessel and the container wall. Preferably, the vessels are made of a somewhat flexible material, to which the paint has little adherence. Various materials may be used, including rubber and the various synthetic rubbers. The vinyl resin plastic materials are particularly useful in this type of vessel, since they are somewhat flexible and resilient and are not attacked by the paint or the oils therein. The vessels such as 23—28 are so constructed that they may be removed from the kit individually for cleaning and replacement. In order to make this possible we provide in the partitions and end walls of the container shallow recesses 29 that extend down from the top edges a short distance. The vessels are provided with ears 30,

formed by thickening the material at the proper place, the ears being positioned in the recesses 29 when the vessels are in place. These ears serve as a means of pushing in the sides of the vessels so that they may be grasped to pull the vessel out of the container.

The ears 30 serve an additional purpose in providing mountings for brush suspending rods 31. Each of the ears is provided with a pocket 32 into which one end of the rod may extend. By spreading the ears, as illustrated in Figure 4, the rods 31 may be inserted or removed. Once in place, they will be held without difficulty. Preferably, the several brushes 33 are provided with holes in the handles to receive the rods. When a brush is to be inserted in the particular vessel, the rod can be lifted out to thread the brushes on the rod, after which the rod can be put in place again.

The vessels may be made in more than one section, as shown in the two middle compartments. In such case it is desirable to seal the two top edges of the vessels, where they are not under the partitions, to prevent leakage between them. A narrow tape strip over the edges is sufficient.

We provide a small drawer 34 in the cover for storing extra rods 33 to replace any that may be lost. The drawer is housed in a small pan 35 that extends from the partition 15 to the end wall and seals off the drawer from the interior of the cover.

It is believed that the nature and advantages of our invention will be apparent from the foregoing description.

Having thus described our invention, we claim:

1. A brush kit for use by painters comprising an open topped container having a plurality of partitions therein dividing the space within the container into compartments; a hollow cover for said container having partitions matching the container partitions, vessels removably seated in said compartments and shaped to conform to the compartment walls, brush supports secured on said vessels, said cover having sealing means thereon engaging the top edges of the vessels adjacent to the walls, and means to secure the cover on the container.

2. A brush kit for use by painters comprising an open topped container having a plurality of partitions therein dividing the space within the container into compartments; a hollow cover for said container having partitions matching the container partitions; semi-flexible vessels removably seated in said compartments and shaped to conform to the compartment walls, brush supports secured on said vessels, said cover having sealing means thereon engaging the top edges of the vessel adjacent to the walls, and means to secure the cover on the container.

3. A brush kit for use by painters comprising an open topped container having a plurality of partitions therein dividing the space within the container into compartments; a hollow cover for said container having partitions matching the container partitions, vessels removably seated in said compartments and shaped to conform to the compartment walls, brush supporting bars having their ends removably seated in the walls of the said vessels, said cover having sealing means thereon engaging the top edges of the vessels adjacent to the walls, and means to secure the cover on the container.

4. A brush kit for use by painters comprising an open topped container having a plurality of partitions therein dividing the space within the container into compartments, a hollow cover for said container having partitions matching the container partitions and seating on the container partitions when the cover is seated on the container, a plurality of vessels conforming in shape to the compartments in the container and seated in said compartments, the walls of the compartments having recesses therein at the top edges thereof and the vessels having outwardly extended ears in said recesses, and brush supporting members seated in said ears, the cover having sealing means engaging the top edges of the vessels.

5. A brush kit for use by painters comprising an open topped container having a plurality of partitions therein dividing the space within the container into compartments, a hollow cover for said container having partitions matching the container partitions and seating on the container partitions when the cover is seated on the container, a plurality of semi-flexible vessels conforming in shape to the compartments in the container and seated in said compartments, the walls of the compartments having recesses therein at the top edges thereof and the vessels having outwardly extended ears in said recesses, and brush supporting members seated in said ears, the cover having sealing means engaging the top edges of the vessels.

6. A brush kit for use by painters comprising an open topped container having a plurality of partitions therein dividing the space within the container into compartments, a hollow cover for said container having partitions matching the container partitions and seating on the container partitions when the cover is seated on the container, a plurality of semi-flexible vessels conforming in shape to the compartments in the container and seated in said compartments, the walls of the compartments having recesses therein at the top edges thereof and the vessels having outwardly extended ears smaller than the recesses and extending into the recesses, said vessels having bar receiving sockets in the inner surfaces at said ears, and brush supporting bars removably seated in said sockets, the cover having sealing means engaging the top edges of the vessels along the walls and partitions.

7. A brush kit for use by painters comprising an open topped container having a plurality of partitions therein dividing the space within the container into compartments, a hollow cover for said container having partitions matching the container partitions and seating on the container partitions when the cover is seated on the container, a plurality of semi-flexible vessels conforming in shape to the compartments in the container and seated in said compartments, the walls of the compartments having recesses therein at the top edges thereof and the vessels having outwardly extended ears smaller than the recesses and extending into the recesses, said vessels having bar receiving sockets in the inner surfaces at said ears, and brush supporting bars removably seated in said sockets, the cover having sealing means engaging the top edges of the vessels along the walls and partitions, said cover having a drawer therein for extra bars.

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No references cited.