

O. C. SATHER.
PAINTBRUSH CARRYING AND PRESERVING CASE.
APPLICATION FILED SEPT. 30, 1920.

1,373,766.

Patented Apr. 5, 1921.

3 SHEETS—SHEET 1.

Fig. 1

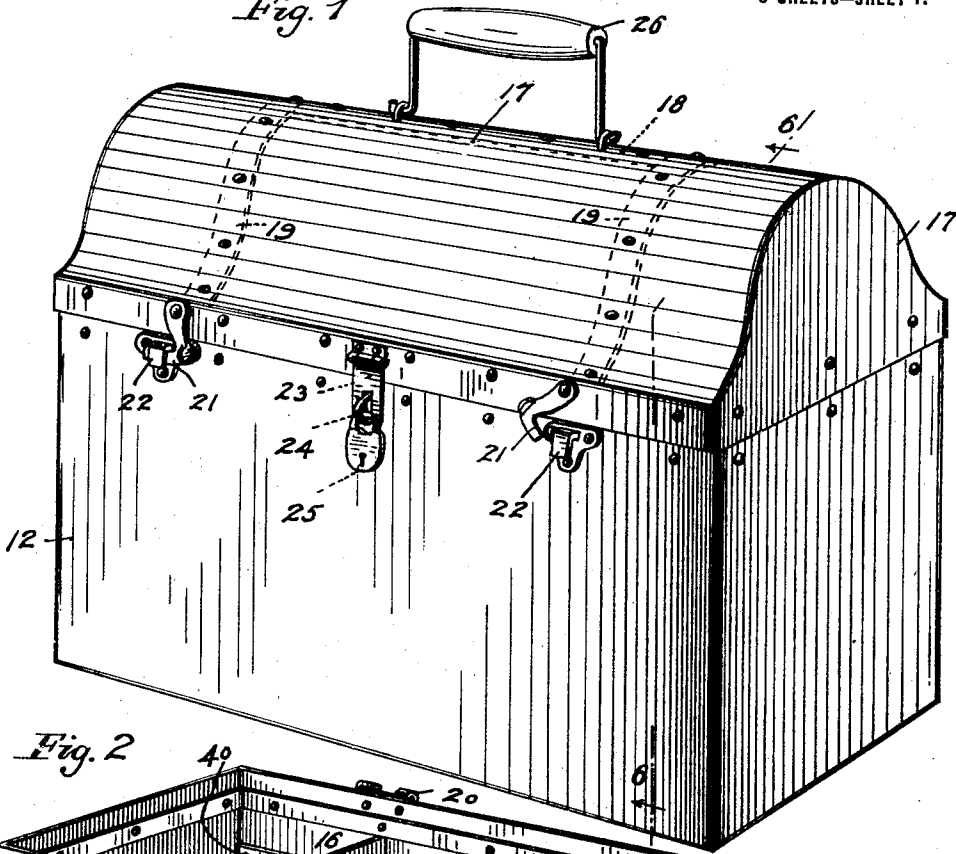
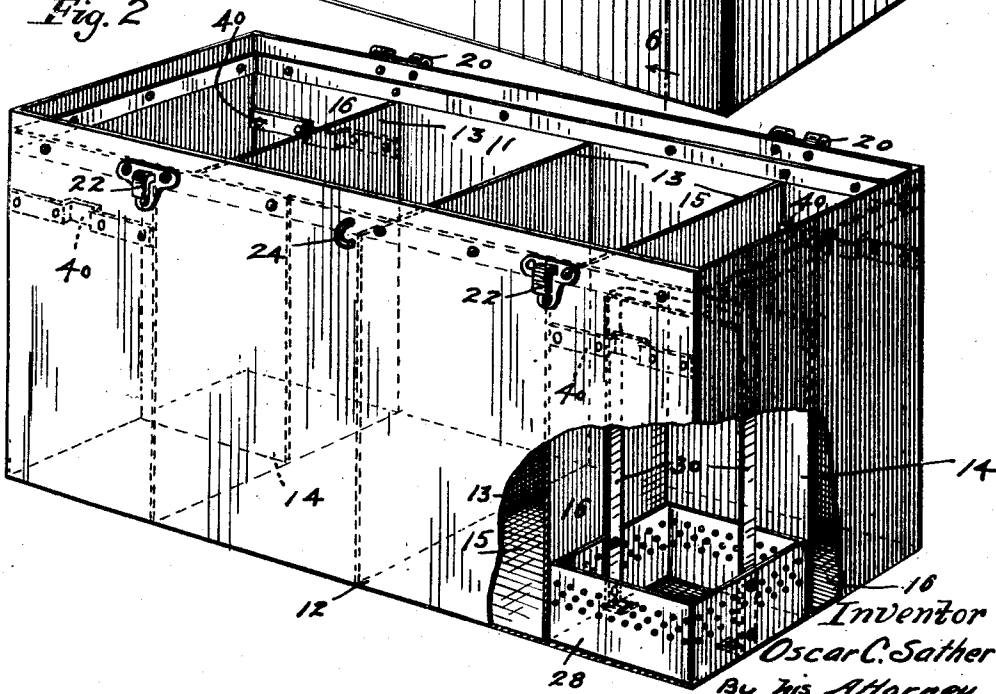


Fig. 2



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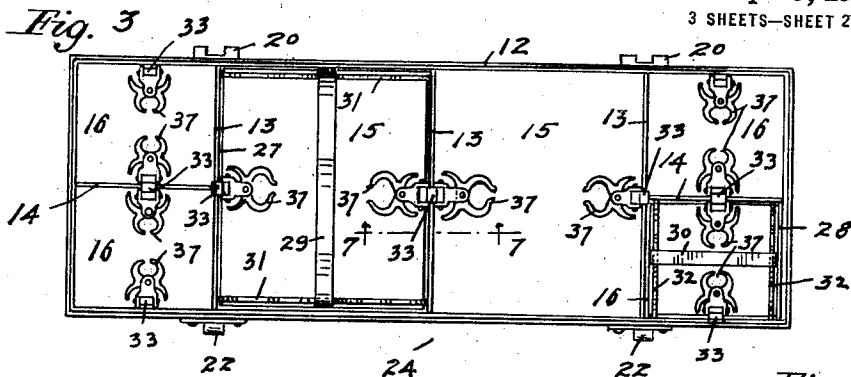


Fig. 5

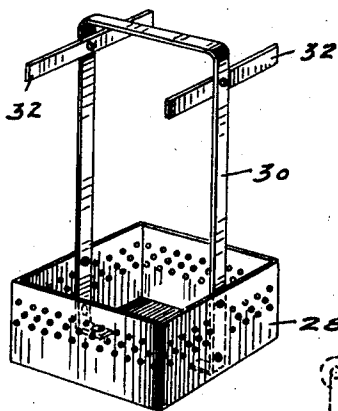


Fig. 4

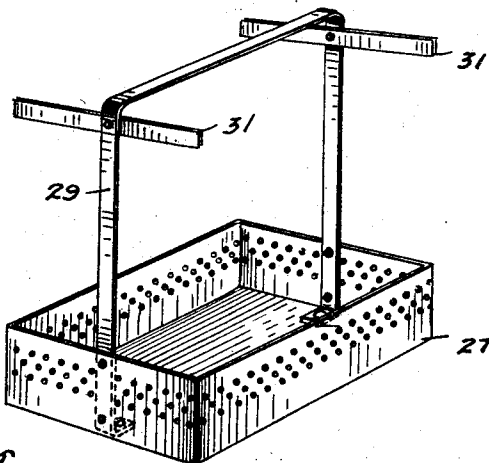
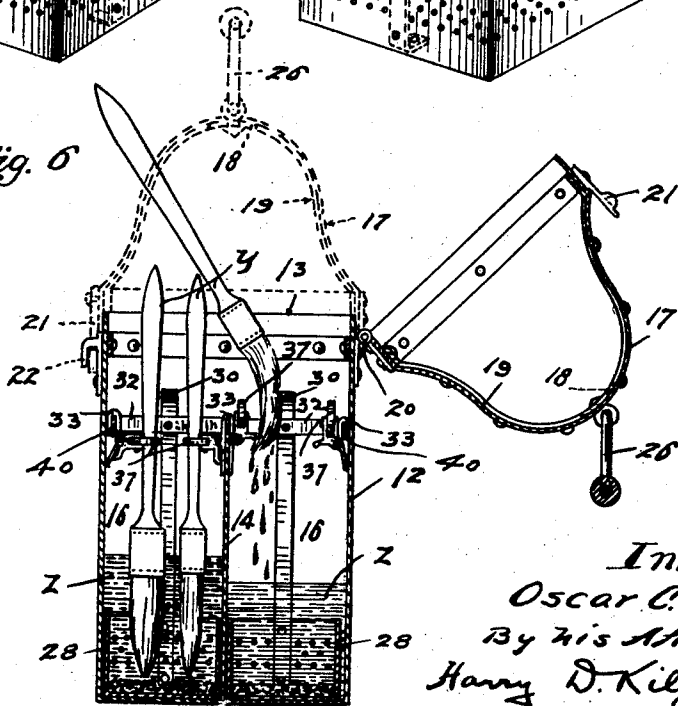


Fig. 6

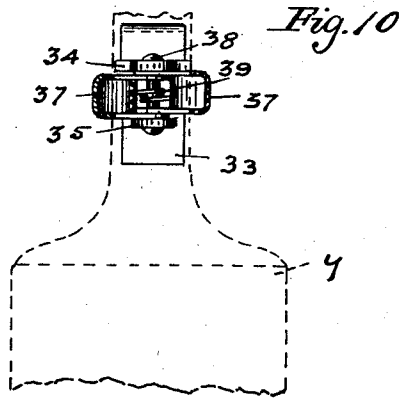
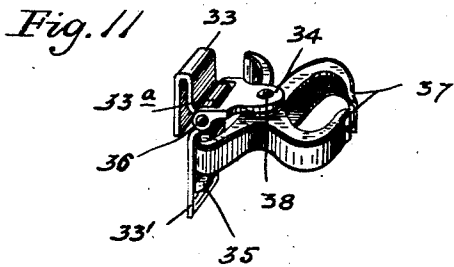
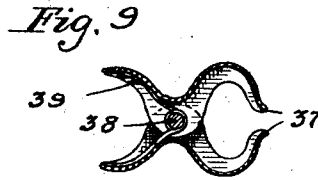
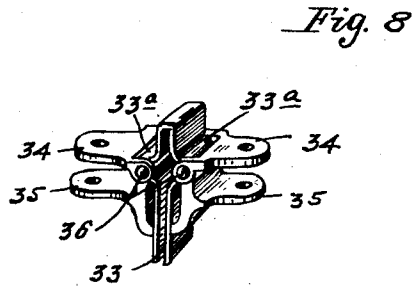
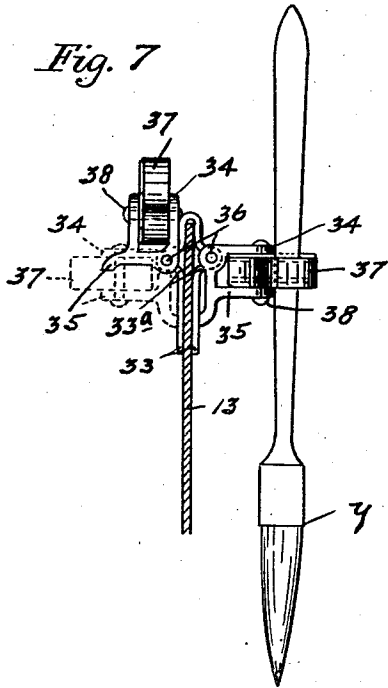


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UNITED STATES PATENT OFFICE.

OSCAR C. SATHER, OF MINNEAPOLIS, MINNESOTA.

PAINTBRUSH CARRYING AND PRESERVING CASE.

1,373,766.

Specification of Letters Patent.

Patented Apr. 5, 1921.

Application filed September 30, 1920. Serial No. 413,791.

To all whom it may concern:

Be it known that I, OSCAR C. SATHER, a citizen of the United States, residing at Minneapolis, in the county of Hennepin and State of Minnesota, have invented certain new and useful Improvements in Paintbrush Carrying and Preserving Cases; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention has for its object to provide a convenient and efficient paint brush carrying and preserving case, and to such ends, generally stated, the invention consists of the novel devices and combinations of devices hereinafter described and defined in the claims.

More definitely stated, the invention provides a multicompartment case adapted to contain oil or other liquid for preserving the bristles or hair of paint brushes, combined with brush-supporting devices and sediment-removing trays, all coöperatively arranged so that the brushes will be supported with the bristles or hair hanging free and immersed in the oil. Also, the invention involves certain other features, all of which will be hereinafter described and defined in the claims.

It is a well known fact that valuable paint brushes, under the usual treatment, are rapidly destroyed, not so much by usage as by the treatment they receive while not in use. For instance, when paint is allowed to harden on the bristles or hair, considerable time is wasted in removing the same and the brush must be subjected to rough usage in cleaning the same. Moreover, under the usual treatment, the hair or bristles get out of shape and cannot be kept soft or in good condition for use.

My improved device affords the best kind of means for supporting and preserving the brushes and also a convenient means of carrying the same, so that a painter may keep his brushes always in prime condition and may readily carry the same from place to place.

In the accompanying drawings, which illustrate the invention, like characters indicate like parts throughout the several views.

Referring to the drawings:

Figure 1 is a perspective view of the complete carrying and preserving case;

Fig. 2 is a perspective of the case with the cover removed and with some parts broken away;

Fig. 3 is a plan view of the case with the cover and some of the trays removed;

Fig. 4 is a perspective of one of the larger trays;

Fig. 5 is a perspective of one of the smaller trays;

Fig. 6 is a transverse vertical section taken through the complete case approximately on the line 6—6 of Fig. 1, the cover being shown in an open position by full lines and in a closed position by dotted lines;

Fig. 7 is a detail in section on the line 7—7 of Fig. 3, showing the paint brush held by one of the brush grapples and showing the other brush grapple by full lines turned upward from its normal position, its lowered or normal position being indicated by dotted lines;

Fig. 8 is a perspective of one of the duplex brush holders with the brush grapples removed;

Fig. 9 shows one of the brush grapples in horizontal section removed from working position;

Fig. 10 shows one of the brush holders partly in front elevation and partly in section, a brush held thereby being indicated by dotted lines; and

Fig. 11 is a perspective of one of the single brush holders.

The body or case proper is a rectangular sheet metal structure designed to hold oil or other liquid, the same being indicated as an entirety by the numeral 12. This case is divided into a multiplicity of compartments, as shown by three main transverse partitions and two supplemental partitions. Thus, there are formed two main compartments 15 and four supplemental compartments 16.

The case is provided with a pressed sheet metal cover 17 that is bulged upward to form a sort of a dome. This dome is preferably reinforced by a longitudinal metal strap 18 and curved metal straps 19 riveted thereto. At one side, this cover 17 is connected to one side of the case 12 by hinges, and at its free side, said cover is provided with pivoted latch hooks 21 that are

engageable with fixed latch lugs 22 on the adjacent edge of said case. Also, if desired, the cover may have a hasp 23 for engagement with a staple 24 on the case 12. The numeral 25 indicates a padlock applied through the staple 24. On its top, the cover is provided with a handle 26, by means of which the complete device may be conveniently carried.

Loosely and detachably fitting within each large compartment 15 is a large sediment-collecting tray 27, and fitting within each small compartment 16 is a similar smaller tray 28. The trays 27 and 28, in their sides, are preferably perforated so that oil will run therefrom down close to the bottoms thereof when said trays are removed. The trays 27 and 28, respectively, are provided with rectangular upstanding bails 29 and 30, preferably formed from flat metal bars rigidly secured to the respective trays at their lower ends. Moreover, the bails 29 and 30 are provided with horizontally projecting stop bars 31 and 32, which, when the trays are in position in the respective compartments, hold the bails 29 and 30 so that they will not rock sidewise when a brush is scraped against the transverse upper portions thereof. Here it may be noted that the transverse upper portions of the bails 29 and 30 afford scraper blades or bars, against which the brushes may be drawn to remove the oil therefrom and cause the scraped-off oil to drop back into the oil compartment, (note the right-hand brush shown in Fig. 6).

In the arrangement described, two paint brushes Y are adapted to be supported in each of the several compartments above noted in positions above the respective underlying trays. For supporting the brushes, I provide brush holders of novel construction, the preferred forms of which are illustrated and described in detail as follows:

For application to the central partition 13 and to the partitions 14, I provide duplex brush holders adapted to support two brushes, one on each side of the particular partition; and each such holder comprises a U-shaped clamp 33, preferably formed of flat spring sheet metal, designed to clamp and frictionally hold itself in position on the upper edge of the partition to which it is applied. On each side, the clamp 33 has outwardly bulged semi-sleeve portions 33^a, to each of which an upper lug 34 and a lower lug 35 is attached by a rivet 36, see particularly Figs. 7 to 10, inclusive. The lower lugs 35 have depending portions that engage the depending portions of the clamp 33 and limit the downward movements of the lugs 35. For direct engagement with the handle of the brush, I provide a brush grapple made up of two grapple arms 37 pivotally connected to each other and to the cooperating lugs 34 and 35 by a vertical

rivet 38. The outstanding prongs of the grapple arms 37 are curved so that they will embrace and securely hold the brush holder. The opposite ends of the grapple arms 37 are subject to a sear spring 39 applied there- to and around the rivet 38 and tending to close the grapple upon the brush. To release the brush, the spring-pressed ends of the grapple arms will be pressed together with the fingers.

Obviously, when this duplex brush holder is applied to one of the partitions noted, it will hold it in position, with two brushes, one on each side of the partition as above stated and as shown in Fig. 6. In Fig. 6, oil contained in the compartments of the case is indicated by the character Z.

Fig. 11 shows a single brush holder, which is like the duplex holder described, except that one prong of the clamp 33' is cut short and the lugs and brush grapple on one side are omitted. This type of brush holder is applied to the outer sides of the case 12 and to the partitions 13 that are on opposite sides of the central partition, and at which places, but one brush is to be supported adjacent to the point of application to the holder. For applying said single clamps to support brushes within the small compartments, anchoring straps 40 are riveted or otherwise secured to the inner surfaces of the sides of the case and are formed with offset or looped portions with which the short prongs of said clamps 33' are adapted to be detachably engaged.

After the carrier has been used for some time, there will be a considerable collection of sediment in the several trays and this, of course, may be readily removed by the removal of the trays, thus separating the sediment from the oil without waste of oil. Of course, the larger paint brushes will be placed in the larger compartments and the smaller brushes in the smaller compartments; thus, a very compact arrangement is provided, wherein a large number of brushes may be carried in a small case. The device, as illustrated, is designed to carry 12 paint brushes, but, of course, the design can be changed and may be either larger or smaller, according to the number of brushes that it is desired to handle.

From the foregoing, it must be obvious that this paint brush holder and carrier is efficient in all respects for the purposes had in view. The statements above made are based on actual usage.

The several different compartments for the different brushes are adapted to contain different liquids, such, for example, as oil or a mixture of oil and turpentine and the like for paint and varnish brushes, and alcohol or other suitable liquid for preserving shellac brushes. No one of the brushes supported in the device will come in contact

with any other brush, and each is supported so that the bristles or hair will remain straight.

What I claim is:

- 5 1. A paint brush container having a multiplicity of compartments, trays detachably seated in said compartments, and brush holders applied to said container and arranged to suspend brushes within the respective compartments above the underlying trays, said trays having upstanding bails with transverse upper portions that afford brush scrapers, 35
- 10 2. A paint brush container having a multiplicity of compartments, trays detachably seated in said compartments, brush holders applied to said container and arranged to suspend brushes within the respective compartments above the underlying trays, said trays having upstanding bails with transverse upper portions that afford brush scrapers, horizontally projecting stop bars applied to the sides of the bails and serving to hold the same upright against brush pressure thereon, and brush holders applied in the respective compartments, one on each side of the bail of the cooperating tray. 40
- 15 3. A paint brush container having a multiplicity of compartments, trays detachably seated in said compartments, brush holders applied to said container and arranged to suspend brushes within the respective compartments above the underlying trays, said trays having upstanding bails with transverse upper portions that afford brush scrapers, horizontally projecting stop bars applied to the sides of the bails and serving to hold the same upright against brush pressure thereon, and brush holders applied in the respective compartments, one on each side of the bail of the cooperating tray, said container having a hinged cover with a carrying handle and latching means. 45
- 20 4. A paint brush container having a multiplicity of compartments, trays detachably seated in said compartments, brush holders applied to said container and arranged to suspend brushes within the respective compartments above the underlying trays, said trays having upstanding bails with transverse upper portions that afford brush scrapers, horizontally projecting stop bars applied to the sides of the bails and serving to hold the same upright against brush pressure thereon, and brush holders applied in the respective compartments, one on each side of the bail of the cooperating tray, said container having a hinged cover with a carrying handle and latching means. 50
- 25 5. In testimony whereof I affix my signature. OSCAR C. SATHER. 55

Witnesses:

F. MEYER,
L. S. CRANE.