Nov. 20, 1923. 1,474,721

W. E. KING

PAINTING OUTFIT

Filed March 23, 1923 2 Sheets-Sheet 1

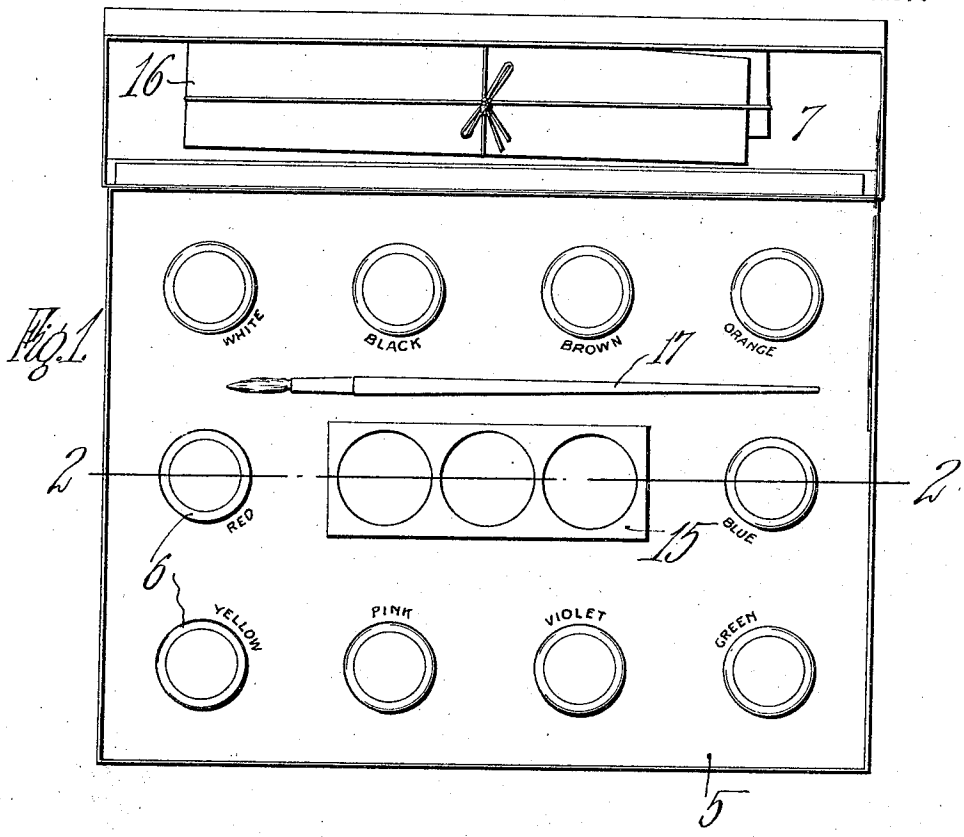
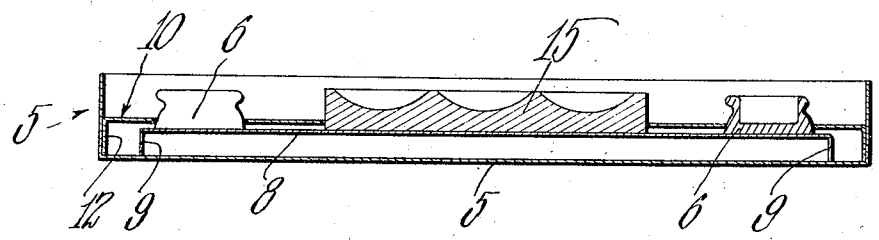


Fig. 1.

Fig. 2.



INVENTOR

William E. King

BY Chapin & Neal

ATTORNEYS

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Fig. 3.

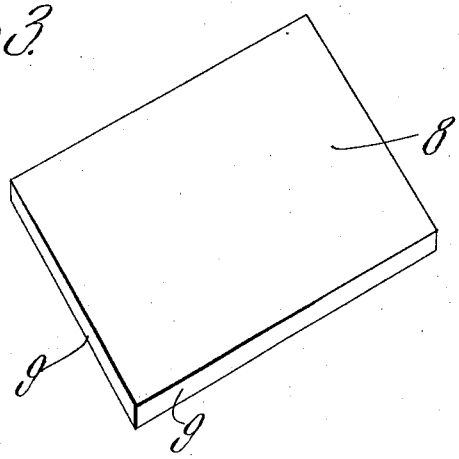
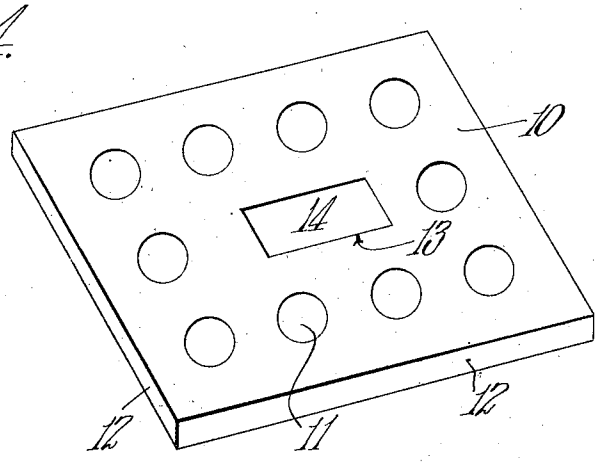


Fig. 4.



INVENTOR

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Patented Nov. 20, 1923. 1,474,721

UNITED STATES PATENT OFFICE.

WILLIAM E. KING, OF SPRINGFIELD, MASSACHUSETTS, ASSIGNOR TO MILTON BRADLEY COMPANY, OF SPRINGFIELD, MASSACHUSETTS, A CORPORATION OF MASSACHUSETTS.

PAINTING OUTFIT.

Application filed March 23, 1923. Serial No. 627,044.

To all whom it may concern:

Be it known that I, WILLIAM E. KING, citizen of the United States, residing at Springfield, in the county of Hampden and State of Massachusetts, have invented new and useful Improvements in Painting Outfits, of which the following is a specification.

The present invention relates to painting outfits such as are particularly adapted for use by children and the object of the invention is to improve and simplify the construction of such outfits from a commercial standpoint.

In the accompanying drawings, illustrating the invention in its preferred form,—

Fig. 1 is a top plan view of the improved painting outfit, the elements comprising the outfit being contained within a box which is shown with its cover opened;

Fig. 2 is a sectional view taken along the line 2—2 of Fig. 1; and

Figs. 3 and 4 are perspective views of certain parts of the box which function to support, retain and relatively locate other elements of the outfit.

Referring to the drawings, the painting outfit therein shown comprises a box 5 and a plurality of paint cups 6 which are mounted in the box in a novel and improved manner. The box 5 is of shallow rectangular form and is provided with a suitable hinged cover 7. The paint cups 6, which may be filled with the usual water color paints, are shaped in cross-section as clearly shown in Fig. 2, having their lower portions formed with a substantially frusto conical exterior. The paint cups 6 rest upon a platform 8 which is spaced above the bottom wall of the box 5 and is supported by downturned marginal flanges 9. Superposed above the platform 8 and spaced therefrom is a plate 10 which is provided with a plurality of apertures 11 for receiving and relatively locating the paint cups. The plate 10 is provided with downturned marginal flanges 12 which fit closely against the side walls of the box. The diameter of the apertures 11 is such as to receive the upper or narrow extremities of the frusto conical portions of the paint cups but said diameter is less than that of the lower faces of the cups so that said cups cannot be removed from the apertures 11 without first removing the plate 10 from the box. Thus the paint cups are positively retained in their respective places so as to avoid any possibility of accidental displacement. By means of the platform 8 the paint cups are supported at a convenient height for use, the upper portions of the cups protruding above the retaining plate nearly to the plane of the top of the box. The plate 10, by fitting tightly within the side walls of the box, serves as a brace to reinforce these walls and thereby to strengthen the box. The box, the platform and the retaining plate may advantageously be made of cardboard.

The cup retaining plate 10 is further provided with an elongated rectangular aperture 14 for receiving a mixing slab 15 and locating the same relatively to the paint cups. The mixing slab 15 rests upon the platform 8 whereby it is supported at a convenient height for use.

It has not been found necessary to glue the flanges 12 of the plate 10 to the side walls of the box 5 in order to securely hold said plate together with the paint cups in place. The flanges 12 fit tightly enough within the box after having been properly assembled therein to frictionally resist displacement thereof. These flanges may, however, be glued to the side walls of the box, if desired. In a like manner it is unnecessary to glue or otherwise secure the lower edges of the flanges of the supporting platform to the bottom of the box. Inasmuch, therefore, as no gluing or other fastening operations are necessary in the process of assembling the parts of the outfit, the same may be accomplished with a minimum expenditure of time and effort. Furthermore, the retaining plate, not being permanently secured in place may at any time be removed to permit the renewal of the paint cups.

A block of sheets 16 having printed thereupon pictures to be colored may conveniently be detachably secured by suitable means to the inside of the cover 7 and suitable brushes or crayons 17 may be included within the box to complete the outfit.

It will be readily appreciated that the improved outfit above described is of extremely simple and inexpensive construction. The paint cups are retained in place by means of the apertured plate 10, it not being necessary to glue or otherwise permanently secure them in place. In assembling the parts

the paint cups may be inserted, upper ends lowermost in the retaining plate 10, the latter being inverted to receive them. The platform 8 may then be laid in inverted position upon the upwardly directed bottom faces of the cups to support the same and retain them in their respective apertures while the whole assembly is being inverted and placed right side up in the box 5. By thus assembling the parts a substantial saving of time may be effected. When assembled the outfit presents the appearance of an article which has been manufactured with a considerable amount of care and it is capable of being sold for a higher price than ordinary outfits of this sort.

The invention having been described, what is claimed and desired to be secured by Letters Patent is:—

1. A holder for paint cups or the like comprising a box, a plate spaced above the bottom wall of the box and apertured to receive and relatively locate a plurality of said cups, and a platform interposed between said plate and bottom wall and spaced from said parts for supporting said cups with their upper portions projecting through said apertures.

2. A holder for paint cups or the like comprising a box, a plate spaced above the bottom wall of the box and apertured to receive and relatively locate said cups, downturned marginal flanges on said plate for supporting the same, a platform interposed between said plate and bottom wall and spaced from said parts for supporting said cups, and downturned marginal flanges on said platform for supporting the same.

3. A holder for paint cups or the like comprising a box, a plate spaced above the bottom wall of the box and apertured to receive and relatively locate said cups, downturned marginal flanges on said plate for supporting the latter by engagement with said bottom wall and means for supporting said cups above the bottom wall of the box with their upper portions protruding through the apertures in said plate.

4. A painting outfit comprising a plurality of paint cups of greater diameter at their lowermost than at their uppermost extremities, a box, a platform spaced above the floor of said box for supporting said cups, and a plate spaced above said platform and apertured to receive and relatively locate said cups, the area of said apertures being less than the area of the lowermost extremities of said cups to prevent upward displacement of the cups.

5. A painting outfit comprising a box having a removable cover, a plate within the box arranged parallel to the bottom wall thereof, said plate being of the same area as said bottom wall and having a plurality of apertures extending therethrough, downturned marginal flanges on said plate, the outer sides of said flanges fitting tightly against the side walls of the box and the lower edges of said flanges resting upon the bottom wall of the box, a platform interposed between said plate and said bottom wall, downturned marginal flanges on said platform supporting said platform by engagement with said bottom wall, a mixing slab resting upon said platform and projecting through one of said apertures, and a plurality of paint cups resting upon said platform and having their upper portions projecting through the other apertures in said plate, said cups having their lower portions of greater diameter and their upper portions of less diameter than the apertures through which they project thereby causing them to be retained in their respective relative positions.

In testimony whereof I have affixed my signature.

WILLIAM E. KING.