

July 29, 1947.

J. PRESSMAN

2,424,898

PAINT CUP

Filed June 13, 1945

Fig. 1.

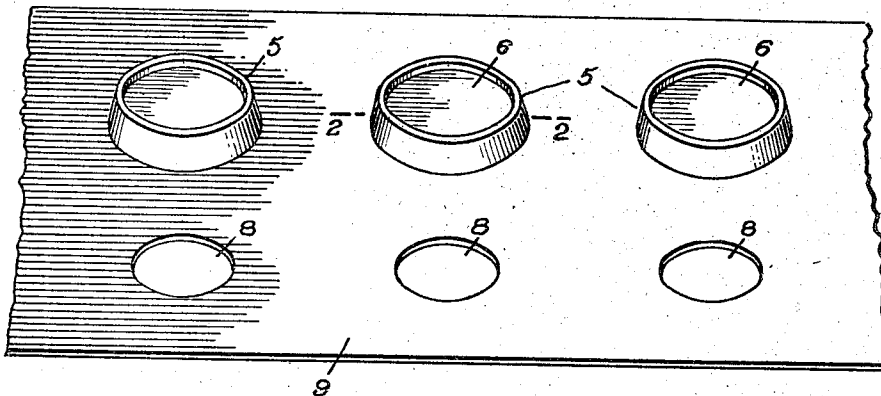


Fig. 2.

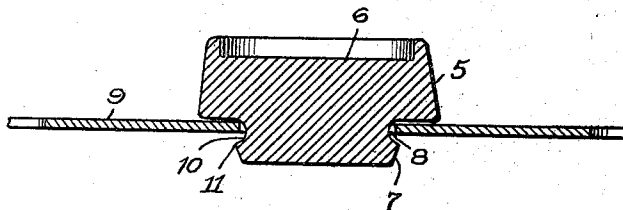


Fig. 3.

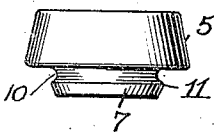
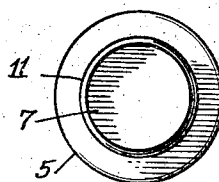


Fig. 4.



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UNITED STATES PATENT OFFICE

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PAINT CUP

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Substituted for abandoned application Serial No.
365,417, November 13, 1940. This application
June 13, 1945, Serial No. 599,231

2 Claims. (Cl. 41—4)

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This application is in substitution of the application previously filed by the same applicant on November 13, 1940, under Serial No. 365,417.

This invention relates to an improved paint cup for holding water colors and similar paints and pigments.

Water colors are generally placed in small individual cups which are permanently attached to a base as for instance by being glued or cemented thereto. It is, of course, desirable that while the water colors are being used that the cup be firmly held on the base in upright position. However, I have found that at times it is necessary to remove or to replace individual cups, as for instance when the supply of water color is exhausted, and also that at other times it is desirable to rearrange the cups so that the colors are arranged in different sequence so as to facilitate mixing and blending of colors. It is, of course, impossible to do this when the cups are permanently secured in position without mutilating or damaging the cups or base and without going to considerable trouble.

It is an object of this invention to provide an improved paint cup which may be attached to a base so as to be firmly held in position while in use but which nevertheless is readily releasable so that the cup may be removed from the stand either for replacement by another cup or to permit the rearrangement of the cups when different colors are being employed.

A further object is the provision of an improved paint cup of the above character which is relatively inexpensive to manufacture which may be applied to the stand or base in a simple and inexpensive manner and may be readily removed therefrom and which is so constructed as to be substantially free from wearing parts.

In the accompanying drawing:

Fig. 1 is a perspective view of three paint cups employing my invention illustrated as applied to one type of stand or base;

Fig. 2 is an enlarged sectional view on the line 2—2 of Fig. 1;

Fig. 3 is an elevation of my improved paint cup; and

Fig. 4 is a bottom plan view.

My improved paint cup comprises a body portion 5 which may be generally circular in plan having a receptacle 6 formed on the top thereof to accommodate water color or similar paint or pigment. The body member and receptacle are of conventional construction and it should be appreciated that my invention may be applied to paint cups of various shapes and designs.

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I provide the paint cup with suitable means for releasably attaching it to a base or stand. This preferably takes the form of a stud 7 projecting from the central portion of the bottom of the body member and adapted to engage in an aperture 8 formed in the base or stand 9. The base or stand may be of varying construction. However, I have found that a base made of sheet material such as fiber, cardboard, pressed paper or the like is very satisfactory. The walls of the apertures 8 are flexible and yieldable so as to permit the insertion and removal of the stud in the manner hereinafter to be described and so as to firmly hold the paint cup in position when the stud has been inserted.

The stud 7 should preferably be of slightly reduced diameter at the upper portion thereof immediately beneath the bottom of the cup. Below the portion of reduced diameter the stud should be of slightly greater diameter so as to resist accidental withdrawal of the stud from the aperture 8. The aperture preferably is of such diameter to snugly accommodate the portion of the stud which is of reduced diameter. One particular form of stud is illustrated in the accompanying drawing in which it will be noted that a groove 10 is formed around the top of the stud thereby providing a portion of reduced diameter. The portion of maximum width is positioned immediately beneath the groove as indicated at 11 and the stud preferably tapers from that going downwardly so as to facilitate the insertion thereof into the aperture. This specific shape may be varied, however, without departing from my invention.

In actual practice a base or stand 9 having a plurality of apertures 8 is provided and a plurality of separate cups 5 having different color paints therein are inserted in the apertures. Since the stud tapers towards its lower end, it may be readily inserted in the aperture and after it has been inserted due to the provision of an area of reduced diameter adjacent the top of the stud, the paint cup is firmly held in position against accidental displacement. Due to the fact that the walls of the apertures are flexible and yieldable the cup may be readily removed and replaced by other cups, or the desired order and sequence of the cups may be changed. The cups may, of course, be made of any desired material such as wood, plastics, metal or the like.

It should be understood, of course, that modifications may be made in the illustrated embodiment of my invention without departing from

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the invention as set forth in the accompanying claims.

I claim:

1. The combination with a base formed with an aperture having a flexible yielding edge of a part 5 cup formed with a body member having a receptacle at the top thereof and a stud integral therewith and projecting from the bottom thereof and adapted to be inserted in the aperture in the base so as to releasably attach the cup to the base, 10 said stud being of smaller width near the top thereof than at a point beneath the top, the maximum width of the stud being slightly greater than the width of the aperture so as to resist accidental release of the stud, the body member being 15 of greater width than the aperture so that it rests upon and is supported by the base when the stud is inserted in the aperture.

2. The combination set forth in claim 1 in

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which the stud tapers from the point of maximum width to the bottom thereof so as to facilitate insertion of the stud in the aperture.

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The following references are of record in the file of this patent:

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