Sept. 15, 1953 J. A. SIEGEL 2,651,868

MULTIPLE LEAF PALETTE

Filed May 31, 1952

Fig. 1

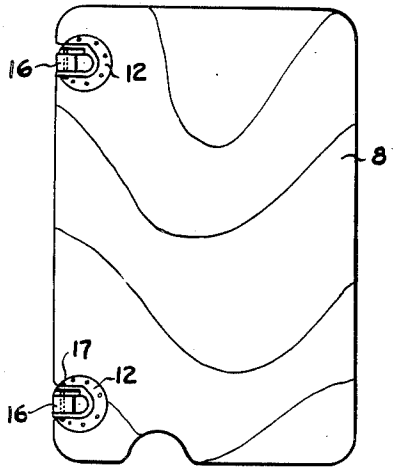


Fig. 2

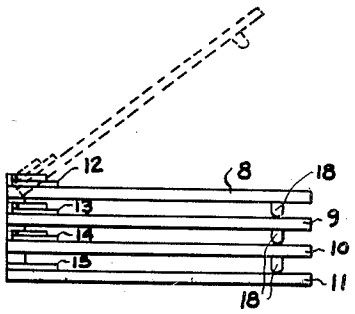


Fig. 5

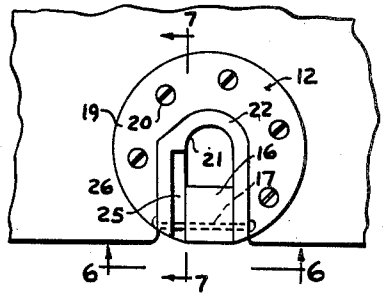
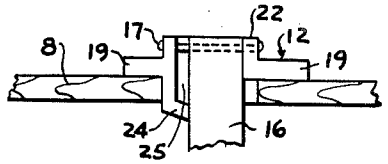


Fig. 6



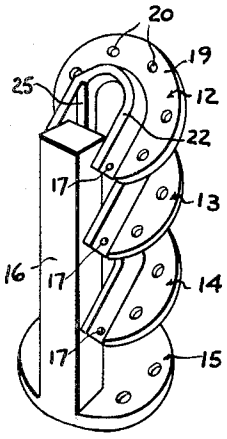


Fig. 3

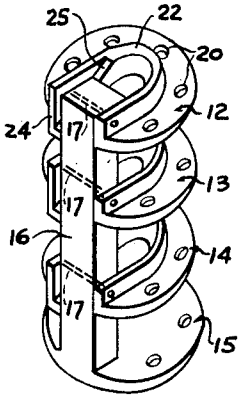


Fig. 4

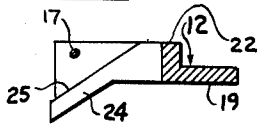


Fig. 7

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MULTIPLE LEAF PALETTE

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Application May 31, 1952, Serial No. 290,988

3 Claims. (Cl. 41—5)

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This invention relates to artists' accessories, and has particular reference to an artist's palette.

An object of the invention is to provide a multiple leaf palette, so that an artist may be able to have close at hand, and readily accessible, a great variety of colors for use in his work. This device may also be used as a multiple leaf display board, bulletin board, or black board.

Another object of the invention is to provide a palette which is constructed and arranged with a plurality of hinged leaves, each of which may be readily swung upwardly, so that the leaf immediately below is accessible.

Another object of the invention is the provision of a device which is constructed and arranged so that the individual leaves of the palette may readily be removed for cleaning or storage.

The foregoing and other objects and advantages of the invention will become more apparent as the description proceeds, reference being made from time to time to the accompanying drawing forming part of the within disclosure, in which drawing:

Fig. 1 is a plan view of a device embodying the invention.

Fig. 2 is a side elevational view of the device shown in Fig. 1.

Fig. 3 is an enlarged fragmentary detail of the support and hinge plate assembly, showing the plates in elevated position.

Fig. 4 is a view similar to Fig. 3, but showing the plates in lowered position.

Fig. 5 is an enlarged fragmentary detail, in plan view, showing the construction of one of the hinge plates.

Fig. 6 is a view taken substantially on the line 6—6 of Fig. 5.

Fig. 7 is a section taken substantially on the line 7—7 of Fig. 5.

Referring now more particularly to the drawing, it will be understood that in the embodiment herein disclosed, the reference characters 8, 9, and 10 indicate the leaves of the palette, and the reference character 11 indicates a base member, which may also be employed as a fixed leaf of the multiple leaf palette. The leaves 8, 9, and 10 are respectively secured, by screws or other means, to the pairs of hinge plates 12, 13, and 14, and the base member 11 is secured by similar means to the base plate 15.

Formed integrally with the base plate 15 is an upright member 16, to which the hinge plates 12, 13, and 14 are pivoted, as at 17. Spacers 18 are positioned between the respective leaves of the device, as shown in Fig. 2, in order that the leaves may normally lie flat.

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In order to elevate each of the leaves 8, 9, and 10, and hold them in elevated position, as shown by the dotted lines in Fig. 2, I provide a novel sructure which I will now describe.

Each of the hinge plates 12, 13, and 14 (Figs. 3 to 7, inclusive) is formed with a flange 19, which is provided with a plurality of apertures 20, adapted to accommodate screws or other fastening means, whereby one of the leaves of the multiple leaf palette may be attached thereto. Each flange 19 has a central opening 21, which is partially surrounded by a U-shaped collar 22, through which the hinge pin or pivot 17 extends. One side of the collar 22 has a downwardly extending portion 24, which is provided with an inclined offset portion 25, which serves as a locking abutment to hold the hinge plate 12, and its leaf 18, in elevated position, as shown in Fig. 2. In order to lock the leaf 8 and the other leaves in elevated position, it is simply necessary to shift the plate 12 and its leaf 8 to the right, as shown in Fig. 6, so that the inclined face 25 may engage the inside face of the upright member 16. Each of the leaves 8, 9, and 10 may be held in elevated position by the same procedure. Upon shifting the leaves to the left, as shown in Fig. 6, the opening 21, which is of the same width as the width of the upright 16, is then brought into alignment with the upright 16, and the leaf and its hinge plate may then be lowered to a horizontal position, as shown in Fig. 2.

Having described my invention, what I claim and desire to secure by Letters Patent is:

1. A device of the character described, comprising an upright member and a plurality of leaves pivoted thereto, each leaf being removably secured to a plate, a pivot pin connecting each said plate to said upright member, each said plate having an offset portion at one side arranged to engage one face of said upright member to lock said plate and leaf in elevated position when said plate is rocked and then shifted laterally on said pivot.

2. In a device of the character described including an upright member having a base formed integrally therewith, a plurality of plates, each plate having an opening in one side defined by a substantially U-shaped collar, a pivot pin extending through apertures in said collar and said upright member, a flat rigid leaf removably secured to said base and to each plate, and locking elements on each said plate arranged to engage said upight member, whereby to hold each said plate and its said leaf in an inclined position.

3. The structure defined in claim 2, in which

said opening in said plate is of the same width as the width of said upright member, and said locking means consist of a depending portion formed on said plate, said depending portion having an inclined surface offset from said opening, and arranged to engage one face of said upright member.

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References Cited in the file of this patent

UNITED STATES PATENTS

Number	Name	Date
315,022	Gray	Apr. 7, 1885
1,167,891	Eisenhart	Jan. 11, 1916
1,228,790	Lambert	June 5, 1917
1,422,502	Wark	July 11, 1922