May 8, 1923.

1,454,709

G. F. DOUGLAS

ARTIST'S SKETCH BOX

Filed Oct. 18, 1919

2 Sheets-Sheet 1

Fig. 2.

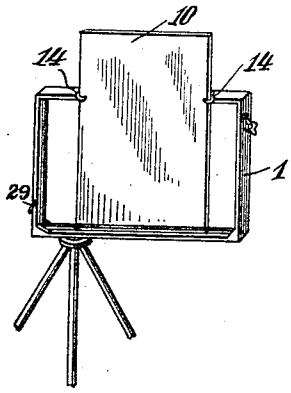


Fig. 1.

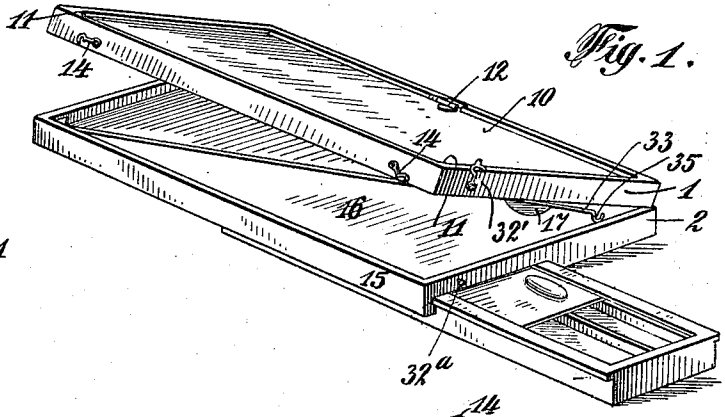


Fig. 3.

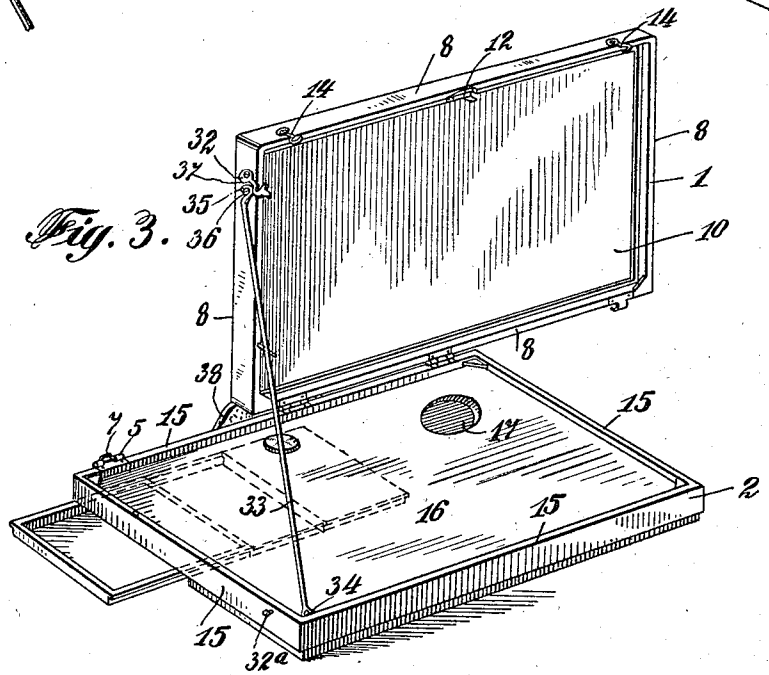
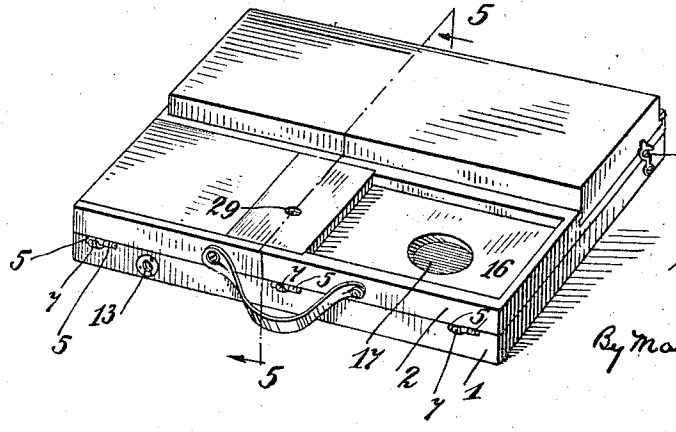


Fig. 4.



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Fig. 6.

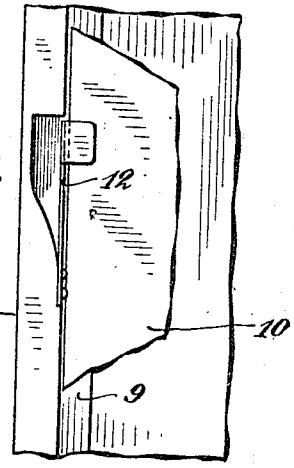


Fig. 5.

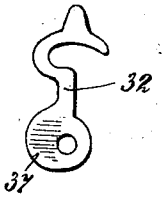


Fig. 7.

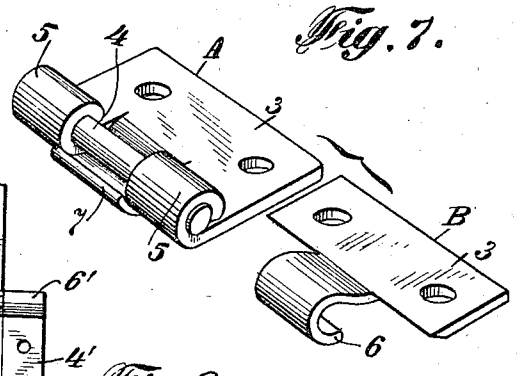
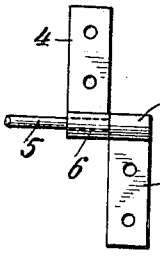


Fig. 8.



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Patented May 8, 1923. 1,454,709

UNITED STATES PATENT OFFICE.

GEORGE F. DOUGLAS, OF NEW YORK, N. Y.

ARTIST'S SKETCH BOX.

Application filed October 18, 1919. Serial No. 331,553.

To all whom it may concern:

Be it known that I, GEORGE F. DOUGLAS, a citizen of the United States, residing in the borough of Manhattan, city, county, and State of New York, have invented certain new and useful Improvements in Artists' Sketch Boxes, of which the following is a specification.

The object of this invention is to provide an artist's sketch box which will be of minimum weight and convenient for either outdoor or studio work, and will carry a complete supply of artists' materials in most convenient form. It comprises several principal elements capable of being assembled as parts of the box, or disassembled and separately used to suit the artist's requirements. These elements consist of first a panel-holder or frame, which acts as a component part of the box proper, or which, detached therefrom may be set on a tripod and used as an easel to hold a canvas; second, a palette, coacting with the panel-frame to form the box, or which, independently, may be used either with or without a tripod, or which may be set up on the tripod in connection with the panel-holder. Besides the uses mentioned, the palette is adapted, as a component part of the box, to hold brushes, paints and other articles, including a water-tank.

Fig. 1 of the accompanying drawings is a perspective view of my improved sketch box, showing the same partly open;

Fig. 2 shows a panel-holder detached from the palette frame and fastened to a tripod;

Fig. 3 shows the panel-holder in offset position on the palette-frame;

Fig. 4 is a perspective view of the bottom of the box;

Fig. 5 is an enlargement of the eccentric hook used to lock in place the stay-rod shown in Fig. 3;

Fig. 6 is an enlarged detail of a portion of the panel-frame;

Fig. 7 is a perspective view of one of the hinges, disassembled;

Fig. 8 represents another form of hinge that may be used.

Referring to the drawings in detail, 1 indicates the canvas or panel-holder frame, and 2 the palette, both of which are, preferably, rectangular in form, and hinged as clearly shown in Figs. 3 and 4. These hinges, of which there are three in number, are one of the features of this invention. They are constructed so that the two leaves may with the greatest ease be disconnected from each other, thereby releasing the panel-holder from the palette, so that these elements may be independently used.

The hinge is best illustrated in Fig. 7, wherein A indicates the female member and B the male member. Each member has the usual leaf or strap 3. The female member A is provided with a pintle 4 positively and immovably held by rounded projections or knuckles 5. The male member has a knuckle, open at its outer end to form a hook 6 having an inside diameter adapting it to closely embrace the pintle 4 of the female member A. The female member A also has a lip 7 extending from the leaf 3 so that when the hook 7 of the male member is in place and embracing the pintle 4, it curls around the hook 7, in such manner as to prevent the parts from being detached from each other except when in a widely extended position, and it also prevents damage to the hook 6 by careless handling of the panel-holder or palette-frame.

In the modification shown in Fig. 8, there are plates 4, 4′, the former holding loosely and the latter securely and immovably, the pintle 5 in the knuckles 6, 6′, respectively. When this form of hinge is used, it will be necessary to place the plate 4′ on the near side of stay-rod 33 when in position shown in Fig. 3.

Referring now to the panel-holder, it is composed of side members 8, interiorly flanged as at 9, the flange 9 providing a support for a panel or canvas 10, which is held in place by corner lugs 11, 11 and spring-clip 12. It is intended that the panel or canvas 10, with its reverse side uppermost, shall serve as the cover for the box, although it may readily be detached and used by the artist for sketching, the sketching side being kept unsoiled on the under side of the box. The space inside of the flange 9 is intended to be utilized for additional panels.

It is intended that the panel-holder shall also serve as an easel, as indicated in Fig. 2, where it is shown upon a tripod, the panel-frame having a socket 13 to hold a suitable pin in the tripod. Clips 14, 14 are provided for holding the canvas to the panel-frame.

Referring to the palette—2, it comprises the 4 side pieces 15 and bottom piece 16, having an opening as at 17 for inserting the thumb of the artist.

The palette-frame may be used independ-

ently, or in connection with the panel-holder, either on the tripod, or without the tripod, and can be used in offset position as indicated in Fig. 3, in which case only two of the hinges are employed. In order to hold the panel-frame in position as indicated in Fig. 3, a stay-rod 33 shown in inoperative position in Fig. 1, and which is pivotally connected inside the palette-frame as at 34, and having a hook 35 at its loose end, is connected to pin 36 and held thereto by the eccentric 37 on the hook 32. In order to hold the hook 35 flatly upon the side of the panel-frame, the hook 35 is slightly bent at its point of connection with the rod in a direction away from the box. When the box is closed, it may be locked by hooks 32 32′ on the panel-frame engaging pins 32^a on the palette.

What I claim is:

1. An artist's sketch-box comprising a panel-frame and a palette-frame, means connected to said frames adapting one to pivotally engage the other in a plurality of positions relatively to the other, said means comprising a pair of leaves, one leaf having a pintle and the other a knuckle adapted to embrace the pintle.

2. An artist's sketch-box comprising a panel-frame and a palette-frame, means connected to said frames adapted one to pivotally engage the other in a plurality of positions relatively to the other, said means comprising a pair of leaves, one leaf having a pintle and the other a knuckle adapted to embrace said pintle, and means for supporting one of said frames partly to one side of the other.

3. An artist's sketch-box comprising a panel-frame and a palette-frame, means connected to said frames adapting one to pivotally engage the other in a plurality of positions relatively to the other, said means comprising a pair of leaves, one having a pintle and the other a knuckle adapted to embrace said pintle, and a stay-rod pivoted to one of said frames for supporting one of said frames partly to one side of the other.

4. An artist's sketch-box comprising a panel-frame and a palette-frame, means connected to said frames adapting one to pivotally engage the other in a plurality of positions relatively to the other, said means comprising a pair of leaves, one leaf having a pintle and the other an open knuckle forming a hook adapted to closely embrace said pintle.

5. An artist's sketch-box comprising a panel-frame and a palette-frame, means connected to said frames adapting one to pivotally engage the other in a plurality of positions relatively to the other, said means comprising a pair of leaves, one leaf having a pintle and the other an open knuckle forming a hook adapted to closely embrace said pintle, the first-named leaf also having a lip extending therefrom so that when the open knuckle embraces the pintle the lip is curled around the open knuckle.

6. The combination of a panel-frame with a palette-frame and a plurality of hinges connected thereto adapting the frames to occupy a plurality of pivotal positions relatively to each other, said frames in one position forming a covered box, in another position being offset from each other for sketching purposes, each of said hinges having a pintle and an open knuckle forming a hook adapted to embrace the pintle, and said hinges being so spaced apart that when the frames are connected as a box all three hinges are employed, while in sketching position only two are employed.

7. An artist's sketch-box comprising a panel-frame, a palette-frame and means for connecting said frames suitably constructed to permit their connection substantially in register and in an offset position, said connecting means consisting of two mating elements, the corresponding mating elements being rigidly fixed to their respective frames.

8. An artist's sketch-box comprising a panel-frame, a palette-frame and a plurality of separable hinges for connecting said frames suitably located to permit their connection substantially in register and in an offset position, said hinges having their correspondng parts directly fixed to each frame.

9. An artist's sketch-box comprising a panel-frame, a palette frame, means for connecting said frames suitably constructed to permit their connection substantially in register and in offset position, said connecting means consisting of two mating elements the corresponding mating elements being rigidly fixed to their respective frames and bracing means for rigidly holding said frames at an inclination to each other.

GEORGE F. DOUGLAS.

In the presence of—
DELLA STRASSNER,
HARRY A. WOHR.