

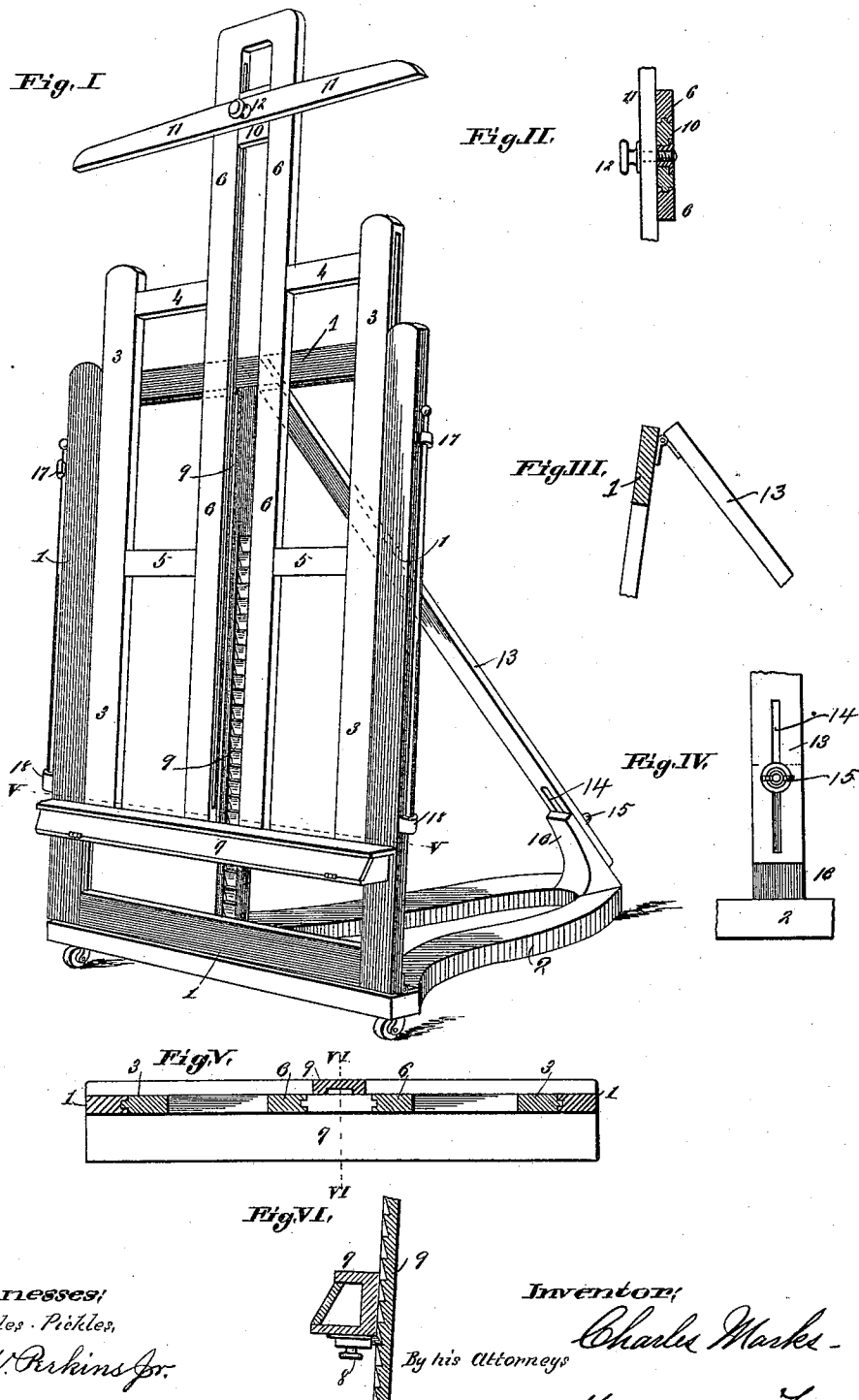
(No Model.)

C. MARKS.

EASEL.

No. 396,362.

Patented Jan. 15, 1889.



Witnesses:
Charles Pickles,
N.W. Perkins Jr.

Inventor:
Charles Marks.
By his Attorneys
Fowler & Fowler

UNITED STATES PATENT OFFICE.

CHARLES MARKS, OF ST. LOUIS, MISSOURI.

EASEL.

SPECIFICATION forming part of Letters Patent No. 396,362, dated January 15, 1889.

Application filed April 17, 1888. Serial No. 270,908. (No model.)

To all whom it may concern:

Be it known that I, CHARLES MARKS, a citizen of the United States, residing at St. Louis, in the State of Missouri, have invented certain new and useful Improvements in Easels, of which the following is such a full, clear, and exact description as will enable any one skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings forming part of this specification.

My improvements relate to artists' easels, and more particularly to easels adapted for crayon-portrait work, where the outlines are received upon the canvas from a camera.

The object of the same is to provide an easel whereby almost any - sized canvas can be set upon the same, and whereby the easel can be adjusted at any inclination to suit the artist's use, and whereby, also, the easel can be so adjusted that the artist can work upon the lower part of the canvas or upon the upper part by adjusting the easel.

Figure I is an isometric projection of an easel made in accordance with my invention. Figs. II, III, IV are detail views thereof. Fig. V is a section thereof on the line V V of Fig. I, and Fig. VI is a sectional view of a detail on the line VI VI of Fig. V.

The same letters of reference indicate the same parts throughout.

1 is an upright four-sided frame-piece, which is hinged to a base-piece, 2. In the frame-piece 1 is a sliding frame, 3, which is provided with cross-pieces 4 4 and 5 5, that are joined to parallel pieces 6 6, which have a certain space between them. The pieces 3, the cross-pieces, and the pieces 6 6 form a frame which slides within the frame 1.

In Fig. I the frame 1—that is, the stationary frame—is shaded, so as to distinguish it from the sliding frame. To the bottom of said sliding frame is secured a box, 7, which slides with the frame. This box may be provided with a hinged cover and be used for the artist's materials. On the under side of said box is a catch, 8, which takes into a ratchet cut in a piece, 9, which is joined to the cross-pieces of the frame 1. The catch 8 is preferably a spring-actuated one, so that when the frame is raised the catch will automatically take into the ratchet-teeth. When

the frame is lowered, the catch must be disengaged from the ratchet-teeth. Between the pieces 6 6 slides a block, 10, to which a cross-piece, 11, is secured by a thumb-screw, 12. The pieces 6 6, in which the block 10 slides, are preferably grooved for this purpose. The cross-piece 11 can be secured in any position relative to the pieces 6 6 by said thumb-screw, for when the same is screwed down tightly it causes the cross-piece 11 to bind upon the faces of the pieces 6 6, and when loosened the cross-piece 11 can be slid to any position. By means of the adjustment of this cross-piece 11 a large or small piece of canvas can be fastened in position on the easel. So, too, by means of the sliding frame the lower part of the canvas can be worked on by raising said frame, or the upper part can be used by lowering the sliding frame.

To the upper part of the frame 1 is hinged a leg, 13, which is provided with a slot, 14, at its lower end, in which works a thumb-screw, 15, that is screwed into a projection, 16, fastened to the base 2. By this means, when the thumb-screw 15 is loosened, the easel can be inclined at any angle and fastened in position by screwing the thumb-screw 15 down firmly, so that an artist in receiving the outlines from a camera in crayon-work can adjust the inclination of the canvas to make the rays of light perpendicular to the surface of the canvas.

At each side of the easel, on frame 1, may be arranged projecting pieces 17 18, the former of which is notched and the latter provided with a perforation. This can be used to place the artist's sticks in. The base 2 may be provided with rollers, if desired.

The arrangement is strong and simple and not liable to get out of order. It affords artists many advantages which cannot be had by any easel now manufactured.

It will be obvious that the construction I have set forth may be varied in several ways without departing from the spirit of my invention. I do not wish, therefore, to confine myself to exactly what is shown and described, but reserve to myself all changes within the scope of what I desire to claim, and secure by Letters Patent of the United States, as my invention, which is—

1. The combination, to form an easel, of the

frame 1, hinged to the base 2, the sliding frame 3, mounted directly upon the frame 1, a cross-piece, to which the canvas is adapted to be secured, adjustable in said sliding frame, the ratchet 9, secured to frame 1, and the catch 8 therefor, attached to said sliding frame, substantially as and for the purpose described.

2. The combination of the frame 1, hinged to the base 2, the sliding frame 3, mounted directly upon said frame 1, an adjustable cross-piece, 11, to which the canvas is adapted to be secured, movable in said sliding frame, a leg, 13, hinged to the frame 1 and adjustably secured to the base 2 by means of slot and thumb-screw, substantially as described.

3. The combination of the hinged frame, as

1, a second frame sliding within the same, to which the canvas is secured, a ratchet, 9, a catch, 8, secured to the sliding frame, a block, 10, adjustable in said sliding frame and provided with cross-piece 11 and thumb-screw 12, a leg, as 13, hinged to said frame 1, and adjustable by means of slot and thumb-screw, substantially as described.

In testimony whereof I have hereunto set my hand and affixed my seal, this 12th day of April, 1888, in the presence of two subscribing witnesses.

CHAS. MARKS. [L. S.]

Witnesses:

A. C. FOWLER,

M. A. CAVANAUGH.