No. 694,979. Patented Mar. 11, 1902.

C. P. MUELLER.

EASEL.

(Application filed May 28, 1901.)

(No Model.) 2 Sheets—Sheet 1.

Fig. 2.

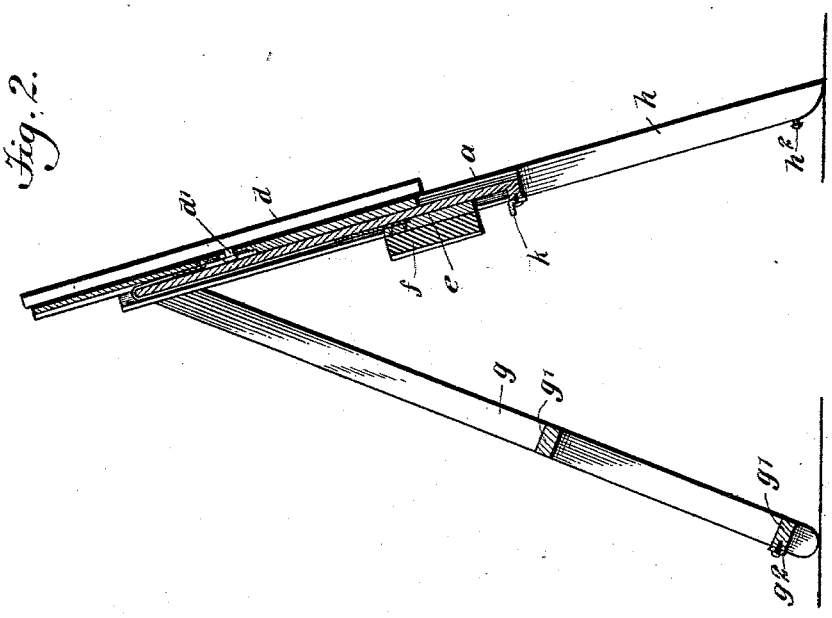
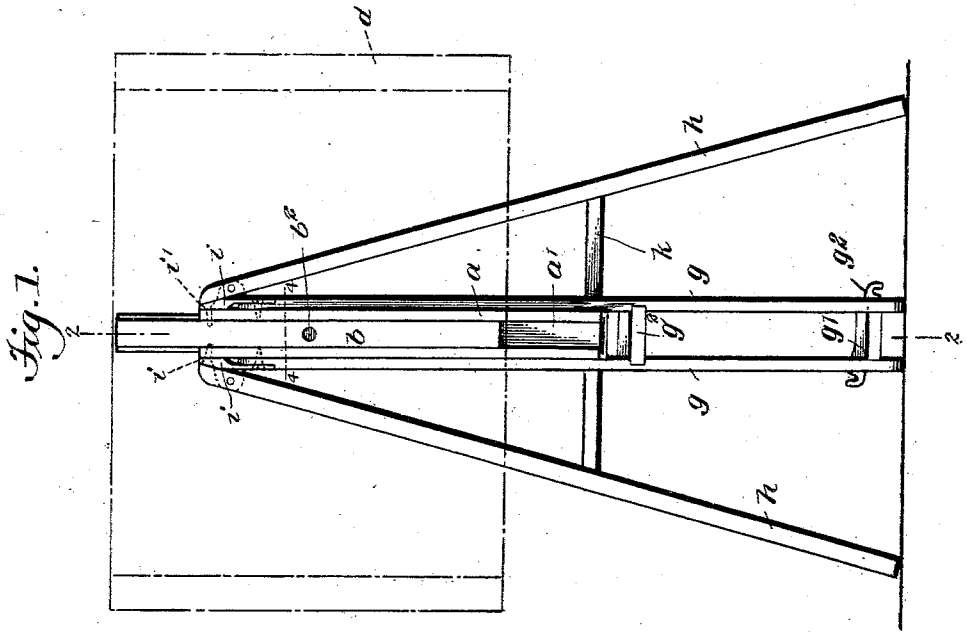


Fig. 1.



WITNESSES:

A. R. Applemann Jr.

J. B. Owens.

INVENTOR

Carl P. Mueller

BY

Munn & Co.

ATTORNEYS

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

No. 694,979. Patented Mar. 11, 1902.

C. P. MUELLER.

EASEL.

(Application filed May 28, 1901.)

(No Model.) 2 Sheets—Sheet 2.

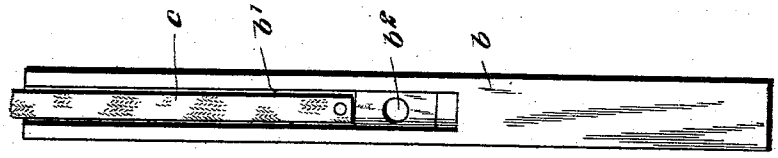


Fig. 6.

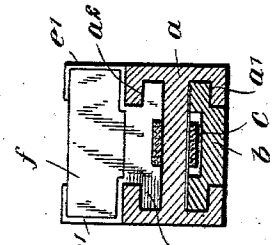


Fig. 4.

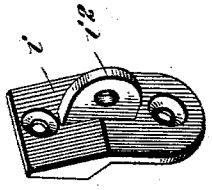


Fig. 5.

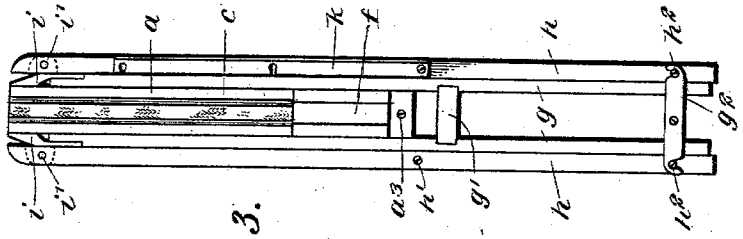


Fig. 3.

WITNESSES:

A. Applewhite Jr.

J. B. Owens.

INVENTOR

Carl P. Mueller

BY

ATTORNEYS

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

CARL P. MUELLER, OF DALLAS, TEXAS.

EASEL.

SPECIFICATION forming part of Letters Patent No. 694,979, dated March 11, 1902.

Application filed May 28, 1901. Serial No. 62,248. (No model.)

To all whom it may concern:

Be it known that I, CARL P. MUELLER, a citizen of the United States, and a resident of Dallas, in the county of Dallas and State of Texas, have invented a new and Improved Easel, of which the following is a full, clear, and exact description.

This invention relates to an easel the drawing-board or other work-holding device whereof may be readily raised and lowered or otherwise adjusted at will to suit the convenience of the artist.

This specification is a specific description of one form of the invention, while the claims are definitions of the actual scope thereof.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views.

Figure 1 is a front elevation of the invention, the drawing-board being indicated by dotted lines. Fig. 2 is a section on the line 2 2 of Fig. 1, the drawing-board being shown by full lines. Fig. 3 is a rear elevation of the easel folded with the drawing-board removed. Fig. 4 is a section on the line 4 4 of Fig. 1. Fig. 5 is a perspective view of a detail hereinafter more particularly described; and Fig. 6 is a front view of the slide, showing it detached.

The easel comprises a main portion a, which, as best shown in Fig. 4, is provided at its front and back with undercut longitudinal grooves a' and a^2. In the front groove a^2 a slide b is arranged. This slide is formed with a longitudinal groove b' in its upper portion, receiving the end of a tape or belt c, which is fastened therein. The slide is also provided with an opening b^2, centrally situated and adapted to engage the stud d' of the drawing-board d. (Indicated in Figs. 1 and 2.) In the rear groove a^2 of the body a a slide e is arranged. This slide has the other end of the tape c fastened thereto, and the tape passes upward loosely over the rounded upper end of the body a. The slide e is provided with guides e', in which is removably fitted a weight f. This weight is adapted to balance the board d, and it therefore will be seen that the slide b may be moved up or down in the groove a', carrying with it the drawing-board and the work attached. The friction of the ribbon c and the counterbalancing effect of the weight f will hold the drawing-board in any position in which it is put. It also will be apparent that the board may be turned around the axis of the pin d', so as to incline the board as desired. The pin d' may be engaged with the slide b in any suitable manner. It is only sufficient that there be an engagement which will not only hold the board on the slide, but permit it to be turned or tilted when desired.

The easel is supported in operative position by a rear leg formed of two parallel side parts g, held in rigid connection by cross-braces g' and two side legs h. The side members g of the rear legs are rigidly joined at their upper ends, respectively, to the arms i, which are pivotally connected at their upper extremities to the upper end of the body a by means of screws or pins i'. (Indicated by dotted lines in Fig. 1.) These screws or pins are arranged transversely, so that the rear leg may swing with the arms i backward and forward. The arms i, as best shown in Fig. 5, are provided with lugs i^2, to which the side legs h are pivoted at their upper ends, the axes of which pivots run backward and forward, so as to allow the legs h a sidewise swinging movement. The legs h are held distended and in the plane of the body a of the easel by means of a lock-bar k, which is pivoted to one leg and slotted at its middle and at its free end to engage pins a^3 and h', respectively, on the body a and on one of the legs h. In folding the parts the lock-bar k is swung into line with the leg h, on which it is pivoted, and then the legs h are moved inward to lie parallel with each other. The rear leg is then swung forward, and the latch-bar g^2 thereof is engaged with the pins h^2 on the lower ends of the legs h. This holds the parts folded together, as shown in Fig. 3. The board d may be made readily removable from the slide b to facilitate folding and transporting the easel.

Various changes in the form, proportions, and minor details of my invention may be resorted to without departing from the spirit and scope of my invention. Hence I consider myself entitled to all such variations as may lie within the scope of my claims.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. An easel, having a body portion, a rear leg formed of two parallel members lying respectively at the sides of the body portion, arms to which the parallel members of the rear leg are fastened, said arms being pivoted on the body portion, and side legs pivotally mounted on the arms.

2. An easel having a body portion provided with guides at its front and rear sides, a slide arranged to move in the front guide, a drawing-board arranged to turn on said slide, a weighted slide running in the rear guide, a flexible connection between the slides, and means for sustaining the body portion in operative position.

3. An easel, having a body portion, a rear leg, an arm to which the rear leg is fastened, said arm being pivoted on the body portion, and a side leg pivotally mounted on the arm transverse to the axis of said arm.

4. An easel having a body portion, a rear leg formed of two parallel members running respectively at the sides of the body portion, arms to which the parallel members of the rear leg are fastened, said arms being pivoted on the body portion, side legs pivotally mounted on the arms, the axes of the said legs being transverse to the axes of the arms, whereby the side legs are permitted to swing inward toward the rear legs, and means for holding the side legs in their inward or folded position.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

CARL P. MUELLER.

Witnesses:
F. W. HOPPE,
CHARLES CUTIAK.