No. 680,404. Patented Aug. 13, 1901.

S. H. & C. H. WOODBURY.

EASEL.

(Application filed Sept. 13, 1900.)

(No Model.)

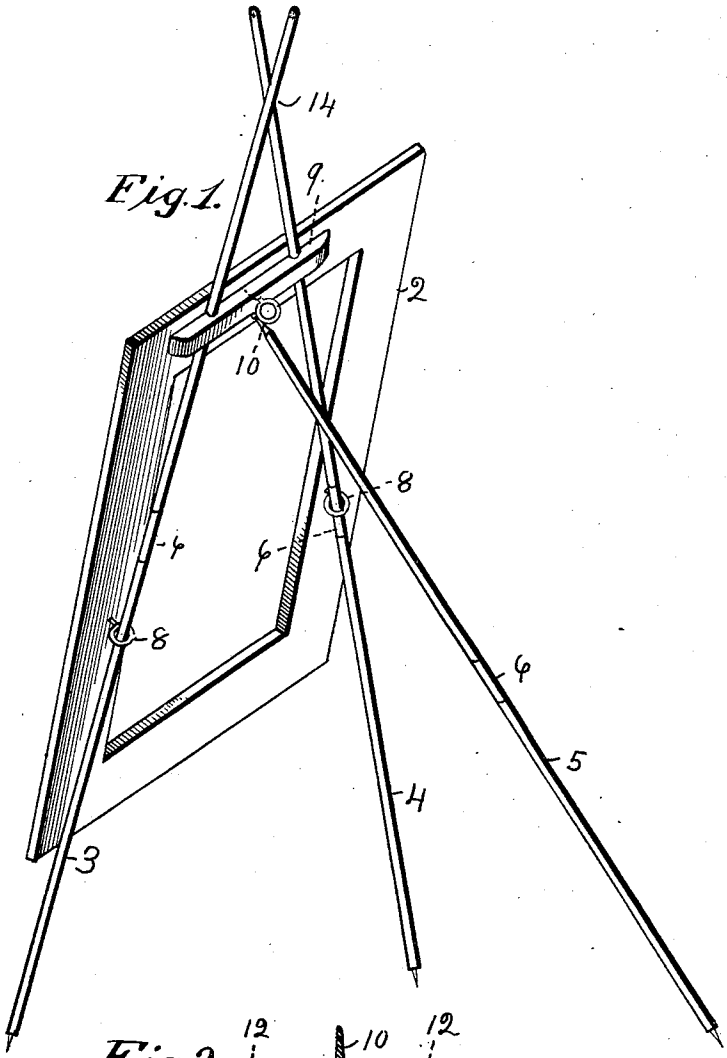


Fig. 1.

Fig. 2.

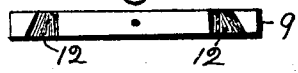


Fig. 3.

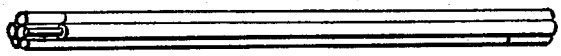


Fig. 4.

Witnesses
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UNITED STATES PATENT OFFICE.

SETH H. WOODBURY AND CHARLES H. WOODBURY, OF LYNN, MASSACHUSETTS.

EASEL.

SPECIFICATION forming part of Letters Patent No. 680,404, dated August 13, 1901.

Application filed September 13, 1900. Serial No. 29,930. (No model.)

To all whom it may concern:

Be it known that we, SETH H. WOODBURY and CHARLES H. WOODBURY, of Lynn, county of Essex, in the Commonwealth of Massachusetts, have invented certain Improvements in Easels, of which the following, read in connection with the accompanying drawings, is a specification.

This invention has for its purpose to provide an easel specially adapted for use by artists in fieldwork, although it is equally adapted for studio-work.

Figure 1 of the drawings is a perspective view showing an easel embodying this invention complete. Fig. 2 shows a top and Fig. 3 shows an edge elevation of the clamping-yoke detached. Fig. 4 shows the standards bundled for transportation.

In carrying out this invention the frame or stretcher 2 is of ordinary construction. The standards 3 4 5 are preferably formed in sections held together by ferrules 6, all to the end that the sections may be separated and compactly bundled for convenience in transportation. In the frame 2 are staples 8, and the standards 3 4 are fitted to pass loosely therethrough. Standard 5 is preferably hinged directly to the yoke 9. This standard 5 acts as a support for the frame and standards 3 and 4. Connected with yoke 9 is a screw 10, adapted for engaging the frame 2 and which may be operated for moving the yoke 9 toward and from the frame 2. Said yoke 9 has recesses 12, which are preferably beveled and inclined for receiving the standards 3 4, with their bottom ends spread apart and their staff portions crossing each other at an altitude above the staples 8, as shown fully in Fig. 1 of the drawings. In transportation the yoke 9 is detached from frame 2 and bundled with the standards into a compact, convenient, and shapely package.

In use the standards 3 4 are passed loosely through staples 8 and spread to suitably distance their bottom ends apart, the shaft or body portions being preferably extended and made to cross each other above the frame 2, as shown in the present instance at point 14. Yoke 9, with standard 5 attached thereto, is then brought into position, whereupon the screw 10 may be manipulated for causing yoke 9 to move forward for clamping and consequently rendering said frame 2 and standards 3 and 4 immovable relatively, said standards 3 and 4 being thereby forced into holding touch or bearing at the point 14, although said standards may be clamped in bearing with frame 2 without crossing at point 14; but this gives less stability.

In Fig. 1 the device is represented with standards 3 4 5 set for use on a level or approximately horizontal surface; but it is obvious that the standards 3 4 may be adjusted to different altitudes and separately fitted to the requirements of any and all inclined and abruptly irregular surfaces.

The invention is not of course limited to the exact construction represented; but

We claim—

1. A device of the character indicated comprising frame 2, staple connections 8, standards 3 and 4 arranged to pass freely through said staple connections, means connecting with said frame and standards at a distance from said staple connections 8, said means adapted to be operated for rendering said frame and standards immovable relatively and a connecting third standard.

2. A device of the character indicated comprising a frame 2, standards 3 and 4, connections between said frame and standards adapted to permit spreading and free endwise movements of said standards separately, the yoke 9, and a screw connection to operate said yoke for rendering said frame and standards relatively immovable and a connecting third standard.

3. A device of the character indicated comprising a frame 2, standards 3, and 4, connections between said standards and said frame, permitting spread and free endwise movement of said standards separately, the yoke 9 and means to operate said yoke for rendering said frame and standards relatively immovable, and a connecting third standard.

4. A device of the character indicated comprising the frame 2, standards 3, and 4, connections between said frame and standards, said connections permitting free endwise movement of said standards separately and also permitting said standards to be placed in position with staff portions crossing each other

at an altitude above said connections, means to be operated for rendering said frame and standards relatively immovable, and a connecting third standard.

5. In an easel, the combination with a frame and standards therefor, of means connecting the frame and standards whereby spread and free endwise movement of the standards separately, independent of the frame is permitted, a yoke connecting the frame and standards for rendering them relatively immovable, and a single support connected with the yoke and extending rearwardly from the frame.

6. A device of the character indicated comprising the frame 2, standards 3, 4, means connecting with said frame and said standards, and adapted to permit spreading and free endwise movement of said standards separately, the yoke 9, its standard 5 connected with said yoke and means connecting said yoke and said frame 2, said means adapted to be operated for rendering said frame, said yoke, and standards 3, 4, relatively immovable.

7. In a device of the character described, the combination with a frame, of standards having sliding connection therewith, said connection permitting spread and free endwise movement of the standards separately or together, removable means fitting over said standards for rendering said frame and standards relatively immovable and an independent support for said frame and standards.

8. An easel consisting of a frame and standards, means connecting the frame and standards whereby spread and free endwise movement of the standards separately or together, independent of the frame is permitted, means for connecting the frame and standards for rendering them relatively immovable, said means provided with tapering slots in which the standards are received, and a connecting third support.

9. An easel consisting of a frame and standards, means loosely connecting the frame and standards, a yoke for connecting the frame and standards to render them relatively immovable, said yoke provided with tapering slots in which the standards are received and having flat face fitting against the face of the frame to afford a broad bearing-surface, means for rigidly securing the yoke to the frame, and a connecting third standard for supporting the frame.

Signed by us at Wells, Maine, this 25th day of August, 1900.

SETH H. WOODBURY.
CHARLES H. WOODBURY.

Witnesses:
EDWINA THOMPSON,
ALBERT J. LITTLEFIELD.