No. 611,434. Patented Sept. 27, 1898.

S. A. LANE.

PORTABLE FOLDING MIRROR STAND.

(Application filed Dec. 27, 1897.)

(No Model.)

Fig. 1.

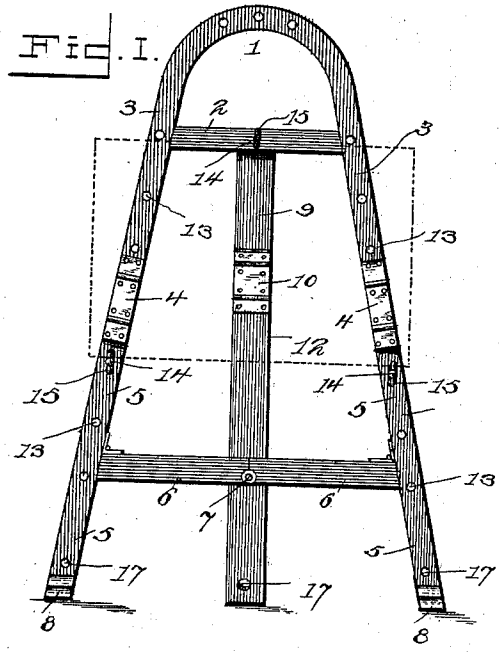


Fig. 2.

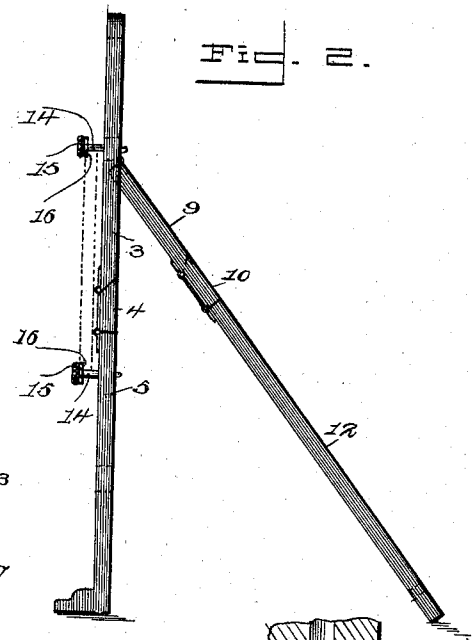


Fig. 3.

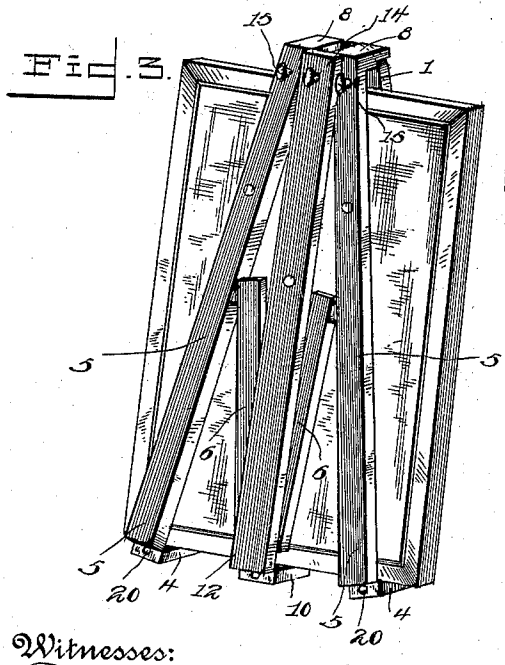
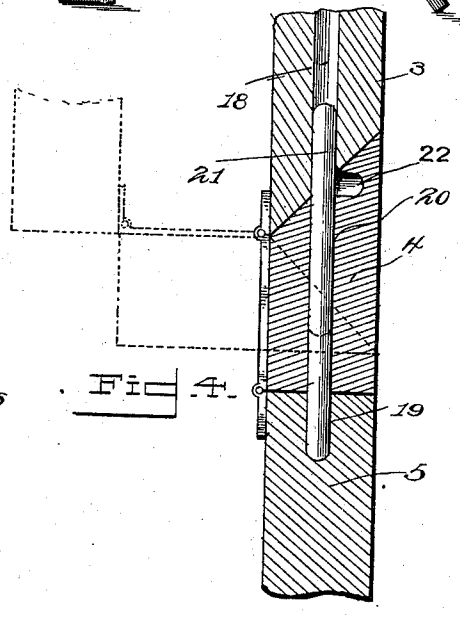


Fig. 4.



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

UNITED STATES PATENT OFFICE.

SOPHIE A. LANE, OF WACO, TEXAS.

PORTABLE FOLDING MIRROR-STAND.

SPECIFICATION forming part of Letters Patent No. 611,434, dated September 27, 1898.

Application filed December 27, 1897. Serial No. 663,696. (No model.)

To all whom it may concern:

Be it known that I, SOPHIE A. LANE, a citizen of the United States, residing at Waco, in the county of McLennan and State of Texas, have invented certain new and useful Improvements in Portable Folding Mirror-Stands; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to improvements in portable folding stands for mirrors and the like; and the object is to provide a simple, cheap, and convenient device of this character.

To this end the invention consists in the construction, combination, and arrangement of the device, as will be hereinafter more fully described, and particularly pointed out in the claims.

The accompanying drawings show my invention in the best form now known to me; but many changes in the details might be made within the skill of a good mechanic without departing from the spirit of my invention, as set forth in the claims at the end of this specification.

The same reference characters indicate the same parts of the invention.

Figure 1 is a front elevation of my improved mirror-stand, with the mirror shown in dotted lines. Fig. 2 is a side elevation of the same. Fig. 3 is a perspective view of the stand folded so as to encompass and protect the mirror during transportation. Fig. 4 is an enlarged detail section of one of the folding joints.

The stand consists of the arched top 1, formed with the integral cross-brace 2 and the diverging side rails 3 3, to the lower ends of which are hinged the sections 4 4, and to the lower ends of said sections are hinged the legs 5 5, which form a continuation of the side rails 3 3.

6 denotes a cross-brace hinged at its outer ends to the legs 5 5, and it is centrally provided with a "rule-joint" hinge 7.

8 8 represent brackets fixed to the front face of the lower ends of the legs 5 5 to assist in supporting the stand in a vertical position.

9 denotes the rear diagonal brace hinged at its upper end to the cross-brace 2, and its lower end is hinged to the section 10, which in turn is hinged to the leg 12.

13 13 denote a series of screw-threaded orifices formed in the side rails 3 3, legs 5 5, and cross-brace 2 to receive the screw-pins 14 14, which are formed with hand-grips 15 and annular collars 16 to adjustably secure the mirror 17 in a vertical position and parallel with the front legs and rails.

17 17 denote plain orifices in the lower ends of the legs 5 5 and 12.

Referring to Fig. 4, it will be seen that the lower end of the rail 3 is beveled at an angle of about forty-five degrees, which corresponds to the angle of the upper end of the section 4, while the lower end of the section 4 and the upper end of the leg 5 are cut at right angles, as shown.

18 denotes a longitudinal recess in the rail, 19 a corresponding recess in the leg, and 20 an alined orifice in the section, and 21 represents a sliding bolt which is adapted to extend through both recesses and orifice to rigidly secure the rail, section, and leg in a straight line when extended, as shown in Figs. 1 and 2. The rear brace 9, section 10, and leg 12 are identical in construction with the front rails, sections, and legs just described, and these parts are also provided with a sliding bolt similar to the bolt 21.

In folding the stand it is first turned upside down. This allows the bolts 21 to drop entirely within the recesses in the rails, so that the sections may be turned outwardly at a right angle to the rails. The stand is then righted and the lower ends of the bolts drop into the pockets 22 in the beveled face of the sections formed at a right angle to the orifices 20, thereby locking the latter at right angles to the rails. The screw-pins 14 14 are now removed and the mirror allowed to rest on the upper face of the sections. The legs 5 5 are now folded upwardly across the face of the mirror and the screw-pins inserted through the orifices 17 17 in the legs and the alined screw-threaded orifices 13 in the rails, so as to firmly clamp the mirror between the rails and legs. The rear brace 9 and its hinged section and legs are now treated in the same manner and a screw-pin 14 inserted through the leg 12 and brace 2 to secure the same.

The device is very simple, easily set up or folded, so as to be conveniently packed away during transportation, and it will be found equally adapted to the uses of painters, sketch artists, and the like as an easel for holding and exhibiting their work.

Having thus fully described my invention, what I claim as new and useful, and desire to secure by Letters Patent of the United States, is—

1. A folding mirror stand or easel, comprising the side rails connected at their upper ends by the arched top 1 and cross-brace 2 and having their lower beveled ends provided with the recesses 18, in combination with the sections 4, provided with the orifices 20, and the pockets 22, and hinged at their upper ends to the said rails, the legs 5, the sliding bolts 21 adapted to engage said recesses and orifices in the contiguous ends of the rails, sections and legs, and the hinged brace 6, connecting the legs 5, 5, substantially as shown and described.

2. The combination with the rails 3,3, arched top 1, and brace 2, the sections 4, 4, hinged to said rails, the legs 5, 5, hinged to said sections, and the hinged brace 6, connecting said legs of the diagonal brace 9 hinged to the cross-brace 2, the section 10 and the leg 12, and the screw-pins 14 adapted to clamp the legs 5 and 12 to the front portion of the stand, substantially as shown and described.

In testimony whereof I hereunto affix my signature in presence of two witnesses.

SOPHIE A. LANE.

Witnesses:

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