

(No Model.)

W. A. GARDNER.
ARTIST'S EASEL.

No. 440,225.

Patented Nov. 11, 1890.

FIG. 1.

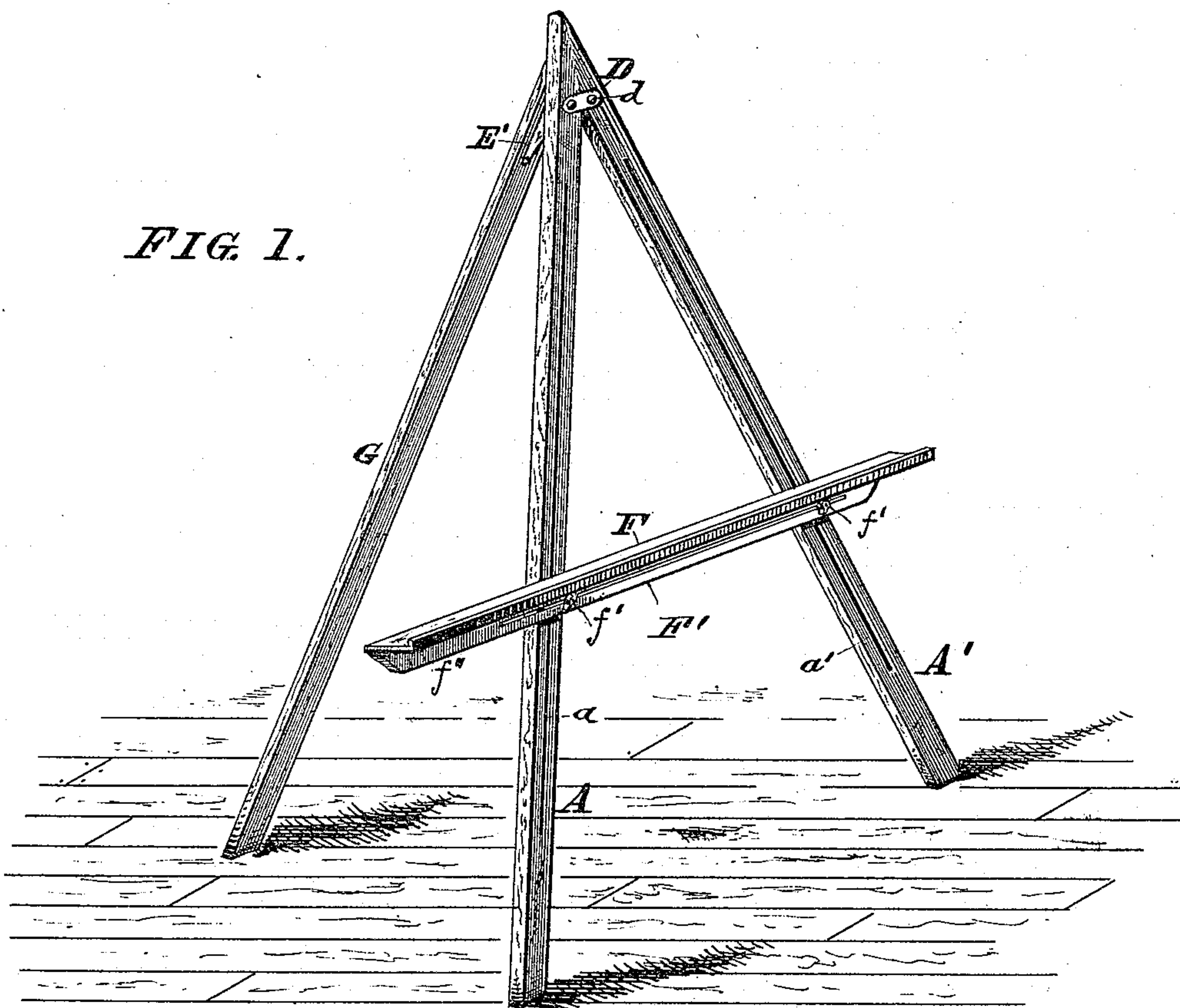


FIG. 2.

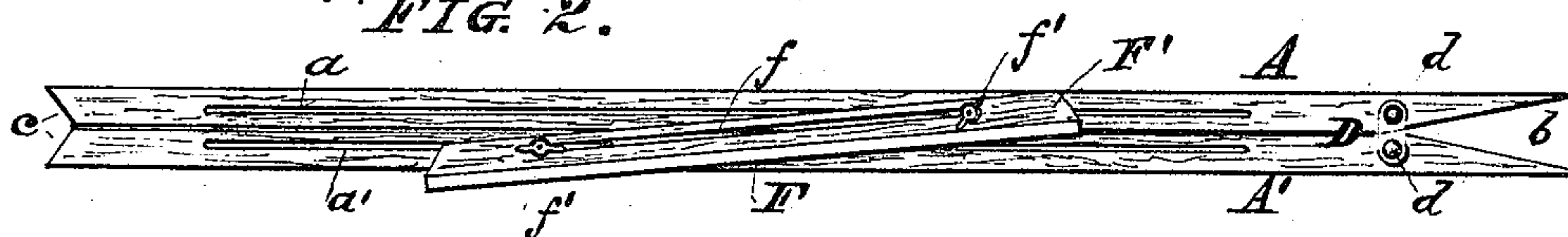


FIG. 3.

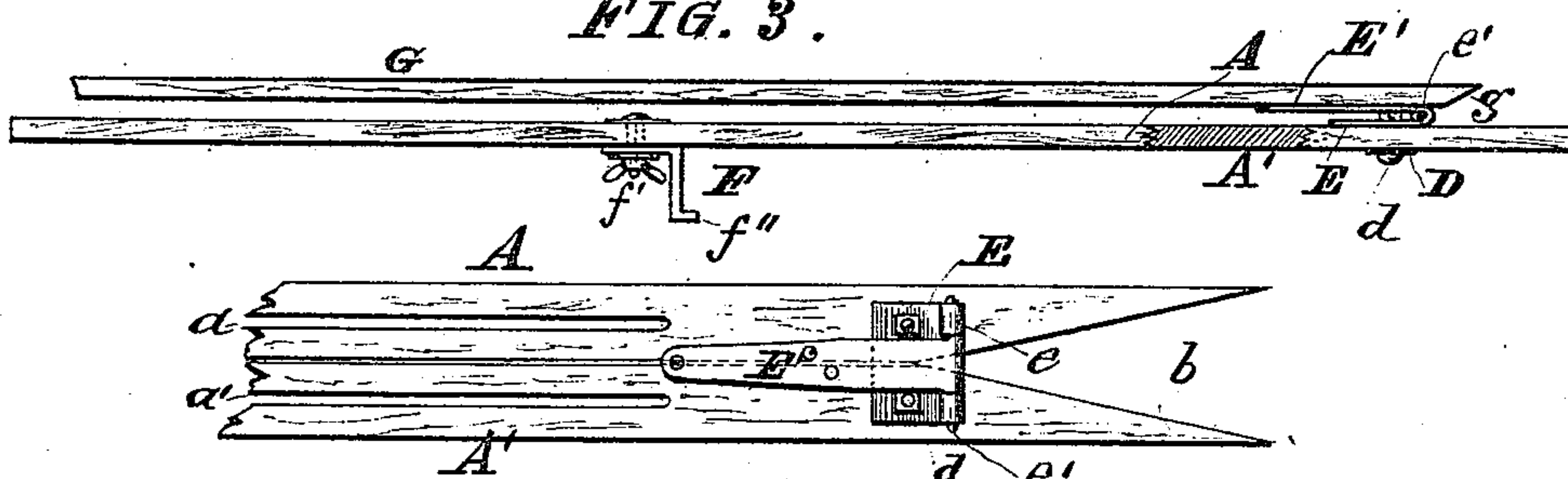


FIG. 4.

Witnesses :

Wm O Stark
Gentle S. Stark

Inventor :

Wm. A. Gardner,
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UNITED STATES PATENT OFFICE.

WILLIAM A. GARDNER, OF BUFFALO, NEW YORK, ASSIGNOR TO MICHAEL J. STARK, OF SAME PLACE.

ARTIST'S EASEL.

SPECIFICATION forming part of Letters Patent No. 440,225, dated November 11, 1890.

Application filed February 17, 1889. Serial No. 340,753. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM AUGUSTUS GARDNER, of Buffalo, in the county of Erie and State of New York, have invented certain new and useful Improvements on an Artist's Easel; and I do hereby declare that the following description of my said invention, taken in connection with the accompanying sheet of drawings, forms a full, clear, and exact specification, which will enable others skilled in the art to which it appertains to make and use the same.

This invention has general reference to artists' easels; and it consists, essentially, in the novel and peculiar combination of parts and details of construction, as hereinafter first fully set forth and described, and then pointed out in the claim.

In the drawings already mentioned, which serve to illustrate my said invention more fully, Figure 1 is a perspective elevation of my improved easel. Fig. 2 is a plan of the same, illustrating the device in a knocked-down condition. Fig. 3 is a side view of the same. Fig. 4 is a rear view of the upper portion of the device, the back-supporting brace being removed to show the construction of the hinge mechanism.

Like parts are designated by corresponding letters of reference in all the figures.

The object of this invention is the production of an efficient and serviceable artist's easel, which may be readily adjusted to any position and locked therein by the table or shelf, and which may be easily knocked down and again locked in that position, so that the easel may be conveniently carried about. To attain this result I construct my easel of the two rails A A' and provide each with a longitudinal slotted aperture a a', respectively. The upper ends of these rails are beveled in opposite directions at b, so that when the rails are spread apart to their full capacity the inner opposite sides of these bevels will meet, as shown in Fig. 1. These two rails are hinged together at the point of intersection of the inner opposite sides by a peculiar hinge, consisting of an oblong plate D on the face of the said rails and a further plate E at the back thereof, said plates having apertures

through which bolts d are passed, which bolts form the pivots on which said rails may move to the limit of the bevels b, heretofore described. The plate E also forms a part of a strap-hinge, it having the usual hinge knuckles or joints e and a pintle e', and its leaf E' jointed to said pintle. To this leaf is secured the upper end of the brace-bar G, the terminal of which is beveled at g, Fig. 3, to limit its back movement, in an obvious manner.

To the rails A A' is removably affixed a shelf or platform F, consisting of a Z-shaped rail having its member F' longitudinally slotted at f, and two bolts f', having thumb-nuts of usual construction, passed through said slotted aperture f and the slotted apertures a a' of the rails A A', whereby said shelf is secured to said rails and the latter locked together, so that the entire device will stand firmly upon the floor and cannot readily be knocked over. The shelf F is vertically adjustable to the extent of the slotted apertures a a', and when the device is knocked down, so as to bring the members A A' into close proximity, as shown in Fig. 2, this shelf will assume an oblique position, and the bolts f', being tightened, will hold the device in this folded-down condition, in which it may readily be carried about. The bolts f' are of the carriage-bolt pattern; but the part adjoining the head is preferably made diamond-shaped, which I find to be a more desirable construction.

It will now be observed that the rail or brace G, being secured to the leaf E' of the plate E, and having its upper end beveled at g, forms, when spread, as shown in Fig. 1, an efficient brace for the device, which needs no other means of preventing its backward movement in view of the fact that said beveled portion g, when bearing against the back of the jointed rails A A', forms an efficient stop for the same.

The shelf F is made wide enough to carry, in addition to the usual painters' canvas, (upon a stretcher,) also the artist's pencils, brushes, and other paraphernalia, which is quite an advantage in a device of the kind described.

The entire apparatus may be cheaply manufactured; but it is also well adapted to receive the highest style of ornamentation for parlor and other uses without any change of
5 construction.

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

10 A knockdown easel having its members A A' longitudinally slotted and their upper ends beveled and jointed together, as described, the front and back plates having the bolts passed through said plates and the mem-

bers A A', the back brace secured to the hinge-leaf of said back plate, and the shelf 15 having the slotted aperture and its bolts passed through the slotted apertures of said members A A', as and for the purpose set forth.

In testimony that I claim the foregoing as 20 my invention I have hereto set my hand in the presence of two subscribing witnesses.

W. A. GARDNER.

Attest:

MICHAEL J. STARK.

WM. O. STARK.