

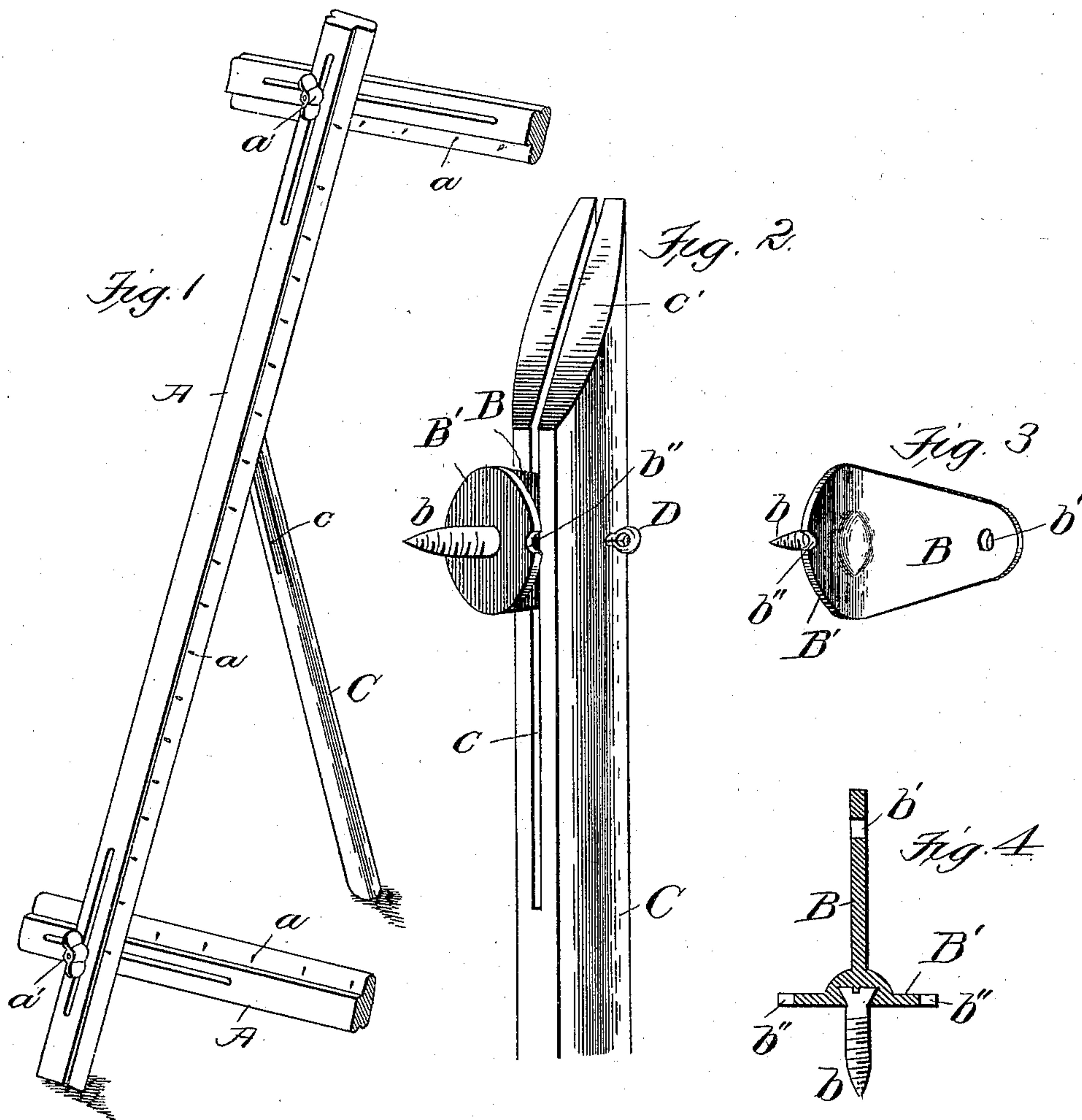
(No Model.)

A. P. BOHLINGER.

EASEL ATTACHMENT FOR LACE CURTAIN STRETCHER FRAMES.

No. 505,306.

Patented Sept. 19, 1893.



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UNITED STATES PATENT OFFICE.

ALFRED P. BOHLINGER, OF ST. LOUIS, MISSOURI.

EASEL ATTACHMENT FOR LACE-CURTAIN STRETCHER-FRAMES.

SPECIFICATION forming part of Letters Patent No. 505,306, dated September 19, 1893.

Application filed May 12, 1893. Serial No. 473,961. (No model.)

To all whom it may concern:

Be it known that I, ALFRED P. BOHLINGER, a citizen of the United States, residing at the city of St. Louis, in the State of Missouri, have
5 invented certain new and useful Improvements in Easel Attachments for Lace-Curtain Stretcher-Frames, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings,
10 forming a part of this specification.

My invention relates to means for supporting lace curtain stretcher frames, and the like, in an inclined position convenient for using the frame in securing thereto a curtain or in
15 removing the same.

The object of my invention is the production, in a simple and cheaply constructed device, of an easily applied easel leg or back; one adapted to be used with any pre-existing
20 frame; one that is self-adjusting with reference to the inclination at which it supports the frame to which it is attached; and one that, in the manufactured article, as an article of merchandise, shall be adapted to be con-
25 veniently packed for shipment.

It consists, essentially, in an easel leg removably secured to the frame which is to be supported, and in the details of improvement, hereinafter described, in the means employed
30 for securing the easel leg to the supported frame, and for effecting the self-adjusting feature of the angle of inclination at which the frame is supported thereby.

In the accompanying drawings, in which like letters of reference denote like parts where they occur,—Figure 1 is a perspective view of one end of a lace curtain stretcher frame with an easel leg attached thereto, illustrating the manner of application. Fig. 2 is
40 a perspective view of one end of the easel leg and, secured thereto, the device for attaching the same to the frame. Fig. 3 is a perspective view of the screw-plate by which the easel leg is pivotally secured to the frame;
45 and Fig. 4 is a longitudinal section of the screw-plate, taken diametrically across its foot flange.

A represents the side bars of an adjustable frame on which to stretch a curtain for drying the same, by securing the curtain on the
50 pins α near the inside edges of the frame pieces.

α' represent the bolts, with the thumb nuts, for adjustably securing the bars A together at the corners of the frame. 55

B represents a screw-plate, provided with a screw-end b , and formed with a foot flange B' . See Figs. 3 and 4.

C represents an easel leg, which at one end is centrally slotted out or bifurcated, as at c ,
60 for the reception of the flat plate portion of the screw-plate B, which is secured therein by a pivot bolt D (preferably in the form of a split spring cotter pin, as shown), forming a hinge joint therebetween. The end of the
65 leg C is beveled off, as at c' to allow the leg, when the same is secured to the frame A, to assume a relatively inclined position as shown in Fig. 1. See Fig. 2. The screw plate B is
70 formed with a perforation b' in the flat end portion for the reception of the pivot bolt or pin D. The foot flange B' is formed with notches b'' , preferably two, as shown in Fig.
75 4, to accommodate a pin or screw (not shown) to prevent the plate from turning when it has once been screwed into the frame A. The screwplate B, as a whole, is preferably a casting, cast with a wood screw b therein as shown. See Fig. 4. There are preferably two
80 easel legs C, such as shown, secured to the frame A in the manner shown in Fig. 1—one at each end of the frame—thereby making a strong and reliable support for the frame A, which, when used in this manner, rests itself on the floor. Originally there are places
85 marked on the end pieces of the frame A for the insertion of the screw-plates B to give the frame the desired inclination, this, of course, being decided by the relative distance from such point to the floor-end of that side
90 bar and the length of the easel leg C and the angle between the frame and the leg, which is decided by the angle of the bevel c' , which is designed to have a flat bearing against the side of the frame bar A. 95

The prime feature of advantage in the use of my improved device is that, in packing the easel legs C for shipment, the cotter pins D can readily be removed and the screw-plates B be detached from the legs and packed
100 separately, a feature of no little importance.

The device, as a whole, as an attachment to a frame, such as described, is easily secured to the frame, and when it is desired to use the

frame in any other position other than as an easel, or for any other reason, it is desired to remove the easel legs from the frame, it is readily accomplished by the withdrawal of
5 the cotter pins D, without removing the screw-plates B from the bar of the frame A.

Having thus described my invention and its method of application, what I claim, and desire to secure by Letters Patent, is—

10 1. An easel support for lace curtain stretcher frames and the like, consisting in the combination with the frame, of an easel leg and a hinge device adapted to be rigidly secured to the frame and pivotally connected to the leg,
15 substantially as and for the purposes specified.

2. An easel support for curtain stretcher frames and the like, consisting in the combination with the frame, of an easel leg, and a
20 hinge device, adapted to be screwed to the frame, formed with a flat plate portion, and means for pivotally securing the leg to the plate, substantially as and for the purposes specified.

25 3. An easel support for curtain stretcher frames and the like, consisting in the combination with the frame, of an easel leg, a hinge plate adapted to be screwed to the frame, and

formed with a flange portion adapted to bear against the frame, and a pivot bolt to pivotally secure the leg and plate together, the leg
30 being slotted for the reception of the plate, and the leg and plate being perforated for the accommodation of the pivot bolt, substantially as and for the purposes specified. 35

4. The combination with a frame for stretching lace curtains, and the like, and an easel leg with a beveled end for supporting the frame in an inclined position, of the herein-described means for pivotally and removably
40 securing the leg to the frame, consisting in a hinge plate having a wood screw cast therein, for securing the plate to the frame, and being formed with a laterally extending flange, circumferentially disposed notches in the flange, 45 a perforation in the plate, a slot in the leg, and a split cotter pin, all combined and coacting substantially in the manner and for the purposes specified.

In testimony whereof I hereunto affix my
signature, in presence of two witnesses, this
6th day of May, 1893. 50

ALFRED P. BOHLINGER.

Witnesses:

A. RAMEL,
HUGH K. WAGNER.