

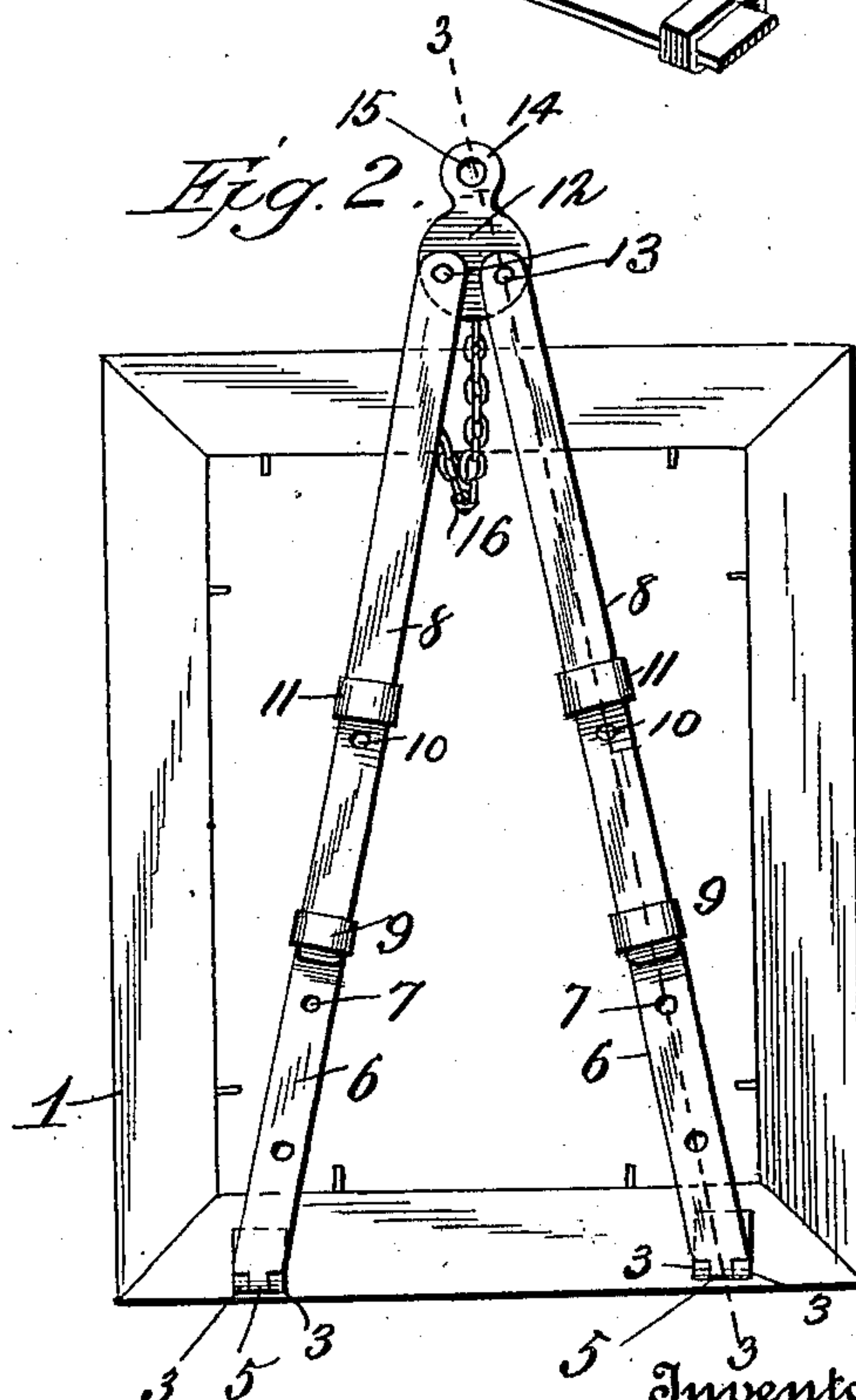
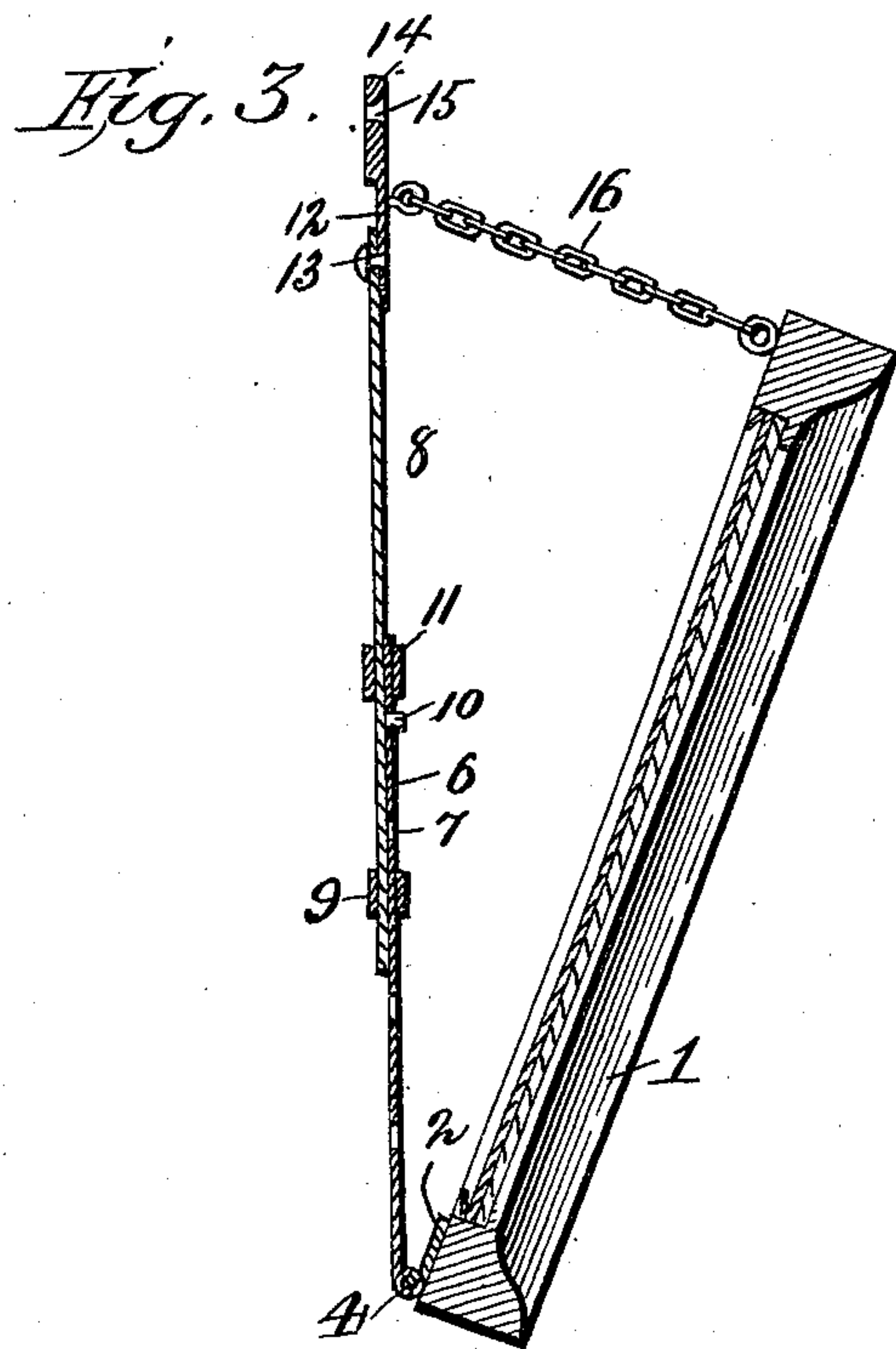
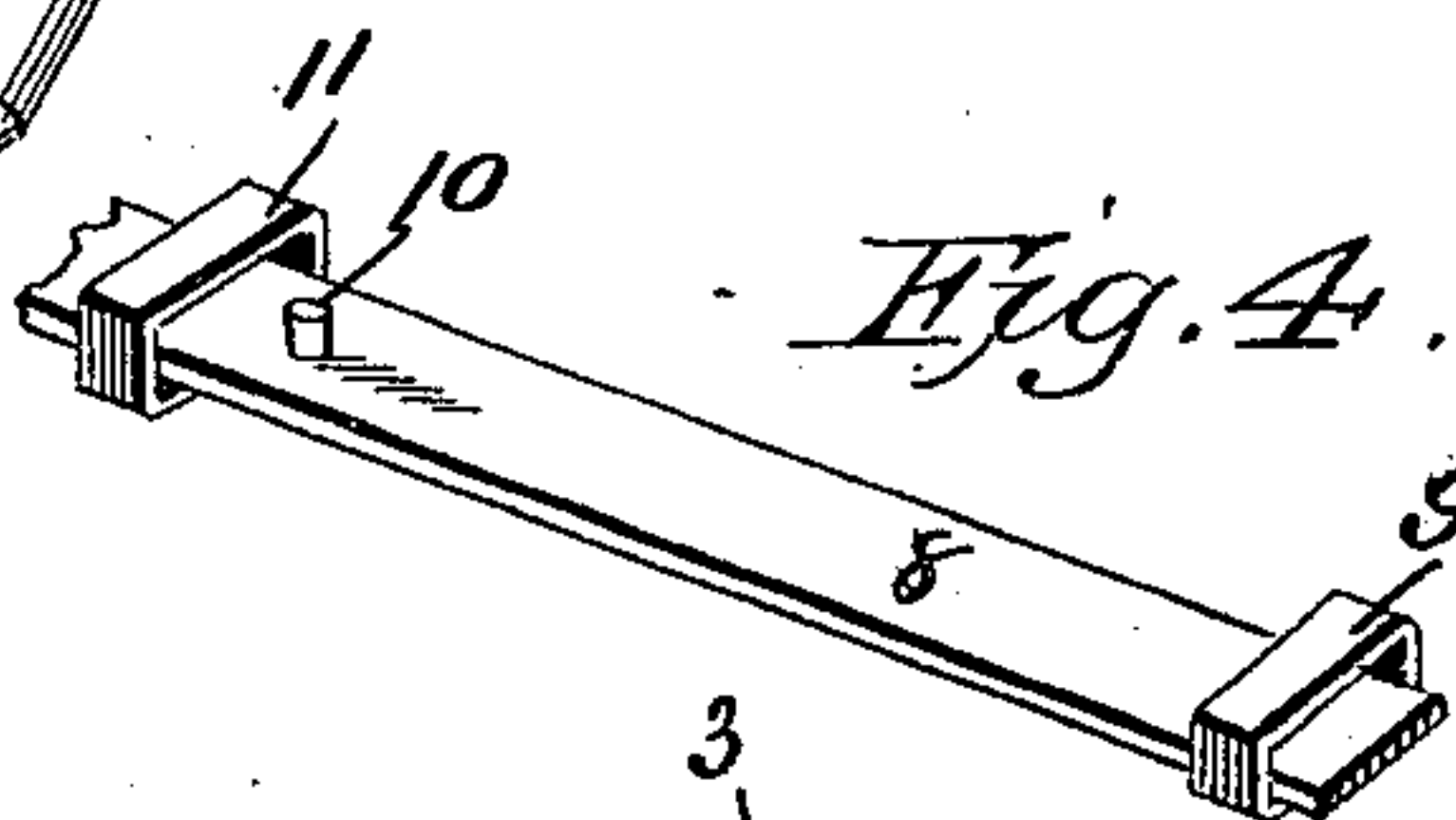
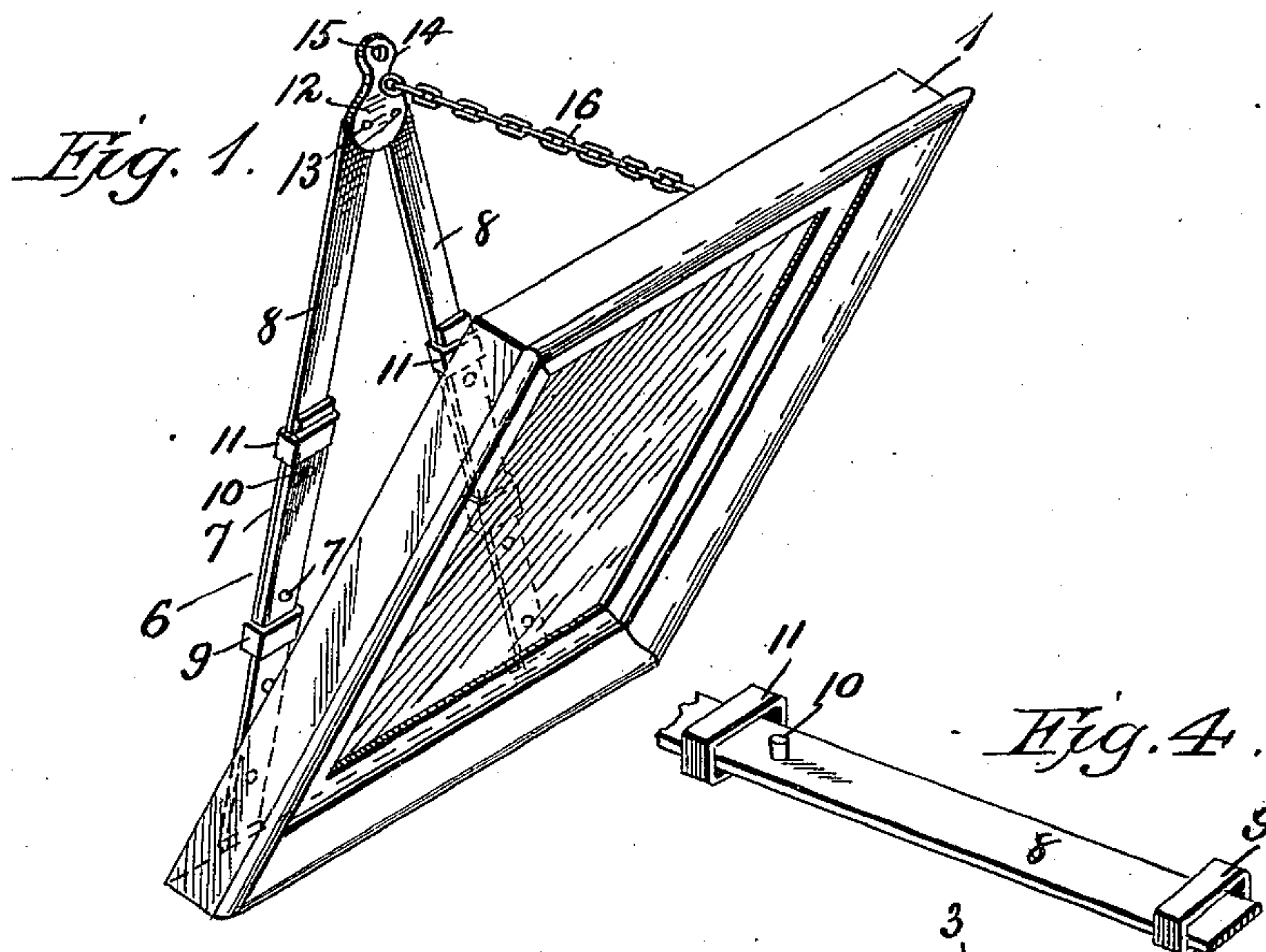
No. 685,749.

Patented Nov. 5, 1901.

W. O. DAVIS.
HANGER FOR PICTURE FRAMES, &c.

(Application filed Aug. 31, 1900.)

(No Model.)



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UNITED STATES PATENT OFFICE.

WILLIAM ORPHOUS DAVIS, OF PENNSBORO, WEST VIRGINIA.

HANGER FOR PICTURE-FRAMES, &c.

SPECIFICATION forming part of Letters Patent No. 685,749, dated November 5, 1901.

Application filed August 31, 1900. Serial No. 28,691. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM ORPHOUS DAVIS, a citizen of the United States, residing at Pennsboro, in the county of Ritchie and State of West Virginia, have invented certain new and useful Improvements in Hangers for Picture-Frames, &c.; and I do hereby 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 a supporting device for pictures, mirrors, and other frames; and my object is to provide simple though reliably efficient means whereby the frame of the picture, mirror, &c., may be quickly disposed at any desired angle with respect to the wall or other support.

Other objects will be made fully apparent from the following specification considered in connection with the accompanying drawings, in which—

Figure 1 is a perspective view of my invention complete as applied to an ordinary picture-frame. Fig. 2 is a rear view of Fig. 1, showing my attachment folded up against the picture. Fig. 3 is a vertical section on a line with one of the adjustable members. Fig. 4 is a detail in perspective of a portion of one of the adjustable members.

In order to conveniently refer to the several elements of my invention and the parts deemed necessary to cooperate therewith, numerals will be employed, of which 1 indicates a frame of a picture, mirror, or the like of the usual or any preferred size and construction, to the rear side and lower end of which I pivotally secure, by nails, screws, or otherwise, the hinge member 2, which is provided with the curved members or keepers 3, as is usual, said members being bent around a pin or key 4 and sufficiently separated from each other to receive between them the curved terminal 5, formed on each of the graduated sections 6, said graduated sections being provided with a series of apertures 7 for a purpose hereinafter set forth. The hinged members 2 are pivoted to the lower edge of the frame, so that they will freely turn, and thus conform to the inclination of the sections 6, when they are adjusted from one position to another. It will therefore be seen that the

members 2 and 6 constitute a hinge portion 6, being of much greater length than the portion 2, and so hinged to the portion 2 that it will be disposed at an angle to the median line of said member, it being further understood that said parts shall be loosely hinged together, so that the members 6 may have a slight lateral play, as will be hereinafter referred to. The terminals 5 are bent around the key 4, thus completing the hinged union between the member 2 and the sections 6, thus permitting the sections 6 to be freely inclined outward from the frame to which they are thus secured. The adjusting or graduated sections 6 are designed to cooperate with the members 8, each having attached to its lower end the loop-sections 9, adapted to loosely receive the sections 6 and permit said parts to telescope or move upon each other, and thus shorten the reach of the members 8.

Each of the members 8 is provided upon its inner face with a lug or stud 10, which is designed to take into one of the apertures 7, provided in the section 6, and thus hold said parts in operative combination, and to insure that the lug 10 will not casually slip out of place in the aperture in which it has been adjusted I provide the movable collar or thimble 11, of sufficient size to loosely receive the members 8 and the sections 6. The section 6 and the member 8 may therefore be very readily adjusted with respect to each other by causing the lug 10 to enter any one of the apertures 7, when the collar 11 may be slipped down on said lug and over the members 8 and the section 6, it being understood that the lug 10 will be of sufficient length to reach entirely through the apertures 7, and thus engage the collar 11 and prevent it from slipping past.

The upper ends of the members 8 are pivotally united to the nail or screw engaging device 12 by means of the rivets 13. The member 12 is preferably provided with the upward extension 14, having an aperture 15, designed to receive a screw or nail, and thereby provide means for anchoring said part securely in position upon the wall or other support.

In order to limit the movement of the frame with respect to the member 12, I connect said member with the upper portion of the frame

by means of the chain 16 or other equivalent device. The operation of the chain is more clearly illustrated in Fig. 3.

I prefer to so form the pin or key 4 that it may be easily withdrawn from its seat, and thereby release the section 6, in order that said section may be readily replaced. It is therefore obvious that the sections 6 may be made longer or shorter and readily adjusted in place with respect to the members 2 by simply removing the pin or key 4 and reentering the same in the seat provided therefor.

In Fig. 4 I have shown the lower end of one of the members 8 having permanently attached thereto the collar 9 and the lug 10. It is clear, therefore, that the free upper end of one of the sections 6 may be readily entered in the collar 9 and swung over the lug 10, so that said lug will readily enter one of the apertures 7 provided therein, when said parts may be securely locked in operative combination by moving the collar 11 down upon the member 8, so that it will receive the upper end of the section 6, and thus come in contact with the lug 10, which will prevent further downward movement of said collar.

Having thus fully described the construction of my improved adjustable picture-supporting device, the operation or manner of using the same may be stated to be as follows: The aperture 15 may be passed over the nail or screw designed to support the picture, when the latter may be so moved that it will occupy the desired angle of inclination and the operator may readily determine, therefore, by the sag in the chain 16 whether to lengthen or shorten the reach of the sections 6 and members 8 and may be governed accordingly. The reach of the sections 6 and members 8 may be increased by elevating the collars 11 and disengaging the lug 10 and en-

tering said lug in a higher aperture in the section 6, when said collar may be dropped in place, so as to receive the upper end of the section 6, or the reach of said members may be shortened by entering the lug 10 in a lower aperture in the section 6, as will be obvious.

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

An adjustable support for pictures, mirrors or the like, comprising a hinge formed of the members 2 and 6, the member 6 being of much greater length and disposed at an angle to the median line of the member 2, said member 6 having suitable apertures 7 in combination with the nail-engaging device, having the body portion 12 and an apertured upwardly-extending terminal 14; link members 8 pivoted at their upper ends to the body portion 12 and adapted to have their lower ends moved outward or inward with respect to each other; a stud 10 carried by each of said members 8 and adapted to take into one of the apertures 7 on the members 6; a fixed collar 9 secured to each free end of the members 8; an adjustable collar 11 carried by each of said members and adapted to receive the overlapping portions of the members 6 and 8 and rest upon the protruding end of said stud and a chain 16 connecting the member 12 and the frame of the picture whereby the picture may be disposed at any desired angle by a proper adjustment of the members 6 and 8, all substantially as specified and for the purpose set forth.

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

WILLIAM ORPHOUS DAVIS.

Witnesses:

S. E. BAUMAN,
GRANT LUZADER.