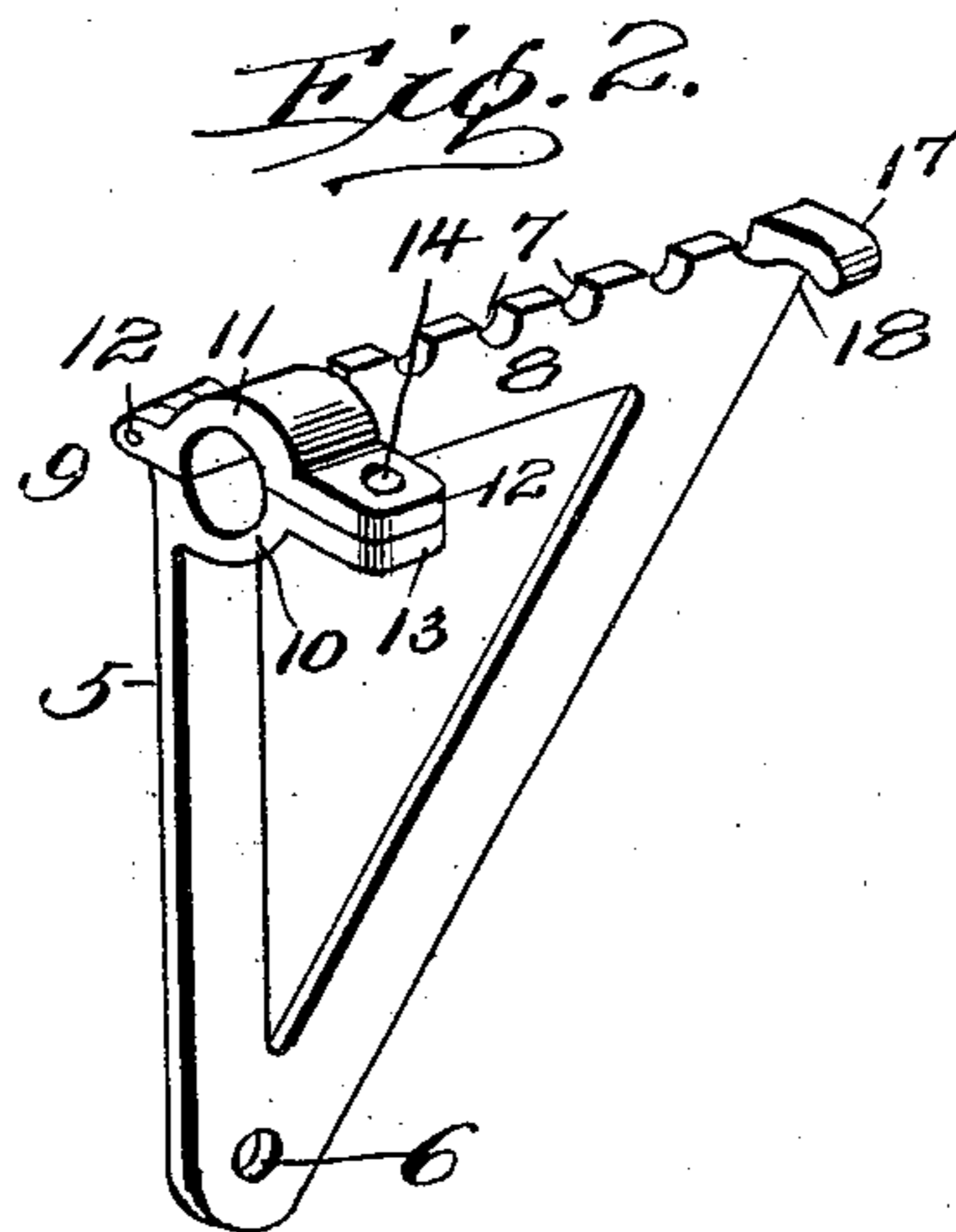
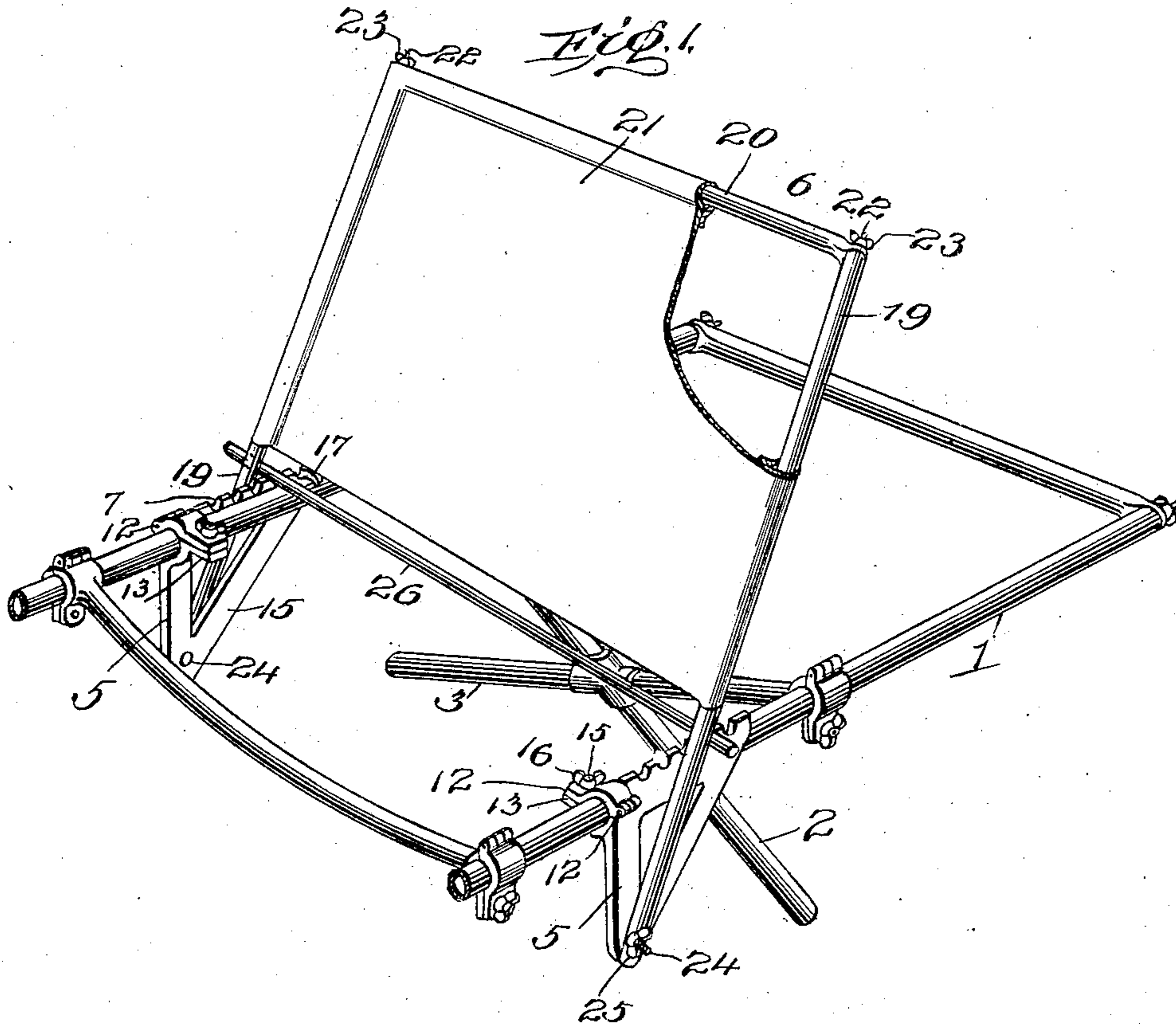


No. 845,039.

PATENTED FEB. 19, 1907.

B. C. LEAVITT.
ADJUSTABLE BACK FOR COTS.
APPLICATION FILED JAN. 24, 1906.



Witnesses
J. M. Fowler
E. E. Vrooman.

Inventor
Byron C. Leavitt,
By *Mason F. Lawrence*
Attorney.

UNITED STATES PATENT OFFICE.

BYRON CHARLES LEAVITT, OF DENVER, COLORADO.

ADJUSTABLE BACK FOR COTS.

No. 845,039.

Specification of Letters Patent.

Patented Feb. 19, 1907.

Original application filed September 20, 1905, Serial No. 279,338. Divided and this application filed January 24, 1906.
Serial No. 297,650.

To all whom it may concern:

Be it known that I, BYRON CHARLES LEAVITT, a citizen of the United States, residing at Denver, in the county of Denver and State of Colorado, have invented certain new and useful improvements in Adjustable Backs for Cots; 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.

This invention relates to improvements in adjustable backs, and particularly to a back for a cot or an invalid-bed.

This is a divisional application of the original application relating to improvements in combination-cots, filed September 20, 1905, Serial No. 279,338.

The object of the invention is the improvement of the construction of means for securing an adjustable back in different positions.

With this and other objects in view the invention comprises certain novel constructions, combinations, and arrangements of parts, as will be hereinafter fully described and claimed.

In the drawings, Figure 1 is a fragmentary perspective view of a cot-frame constituting a support and showing an adjustable back constructed in accordance with the present invention secured thereto. Fig. 2 is an enlarged detail perspective view of one of the triangular braces or brackets.

Referring to the drawings, 1 designates the frame of any suitable type of a cot or invalid-bed constituting a support, said frame being supported upon legs—as, for instance, 2 and 3. A transverse brace 4 connects the sides of the frame 1.

Triangular braces 5 are supported upon the sides of the frame, and said braces carry the adjustable back 6. Each of the triangular braces or brackets 5 is provided at its lower end with an aperture 6' and is formed with a plurality of notches 7, which constitute a rack, upon its horizontal portion 8. A clamp 9 is formed upon the upper front portion of each brace or bracket, and said clamp 9 comprises a stationary section 10 and a movable section 11, said movable section 11 being hinged, as at 12, to the stationary section 10. Parallel extensions 12 and 13 are integral with the sections 10 and 11, respectively, and each of said extensions or lugs 12 and 13 is provided with an aperture 14, said

aperture registering when the hinged section 11 is in its normal position, Figs. 1 and 2. A bolt 15 is passed through the registering apertures 14, and the thumb-nut 16 is threaded upon said bolt for securing the hinged section in a closed position upon the stationary section. It is to be noted that the clamping means 9 extends inwardly on both of the braces or brackets 5.

While the clamping means 9 is sufficient to secure each brace or bracket upon the frame, it is preferable to have some kind of an auxiliary means for assisting in the supporting of said bracket or brace, and for this reason I preferably employ an integral lug 17, which is curved upon its lower face 18, said face 18 adapted to normally engage one side of the frame 1, Fig. 1.

The back 6 comprises side bars 19, a horizontal upper bar 20, and a covering 21, the covering 21 being formed of any suitable material, preferably canvas, and is stretched between and secured to the side and top bars 19 and 20, respectively. Each of the side bars is provided, preferably, with fastening means whereby the horizontal upper bar 20 is removably secured to said side bars. This fastening means comprises a reduced extension 22, upon which is threaded a thumb-nut 23. In each end of the upper bar 20 there is formed an aperture. The extensions 22 are positioned within the apertures of the upper bar 20, and then said nuts 23 are threaded upon said extensions. Bolts 24 are positioned within the aperture 6' of the braces or brackets 5, and nuts 25 are threaded upon said bolts 24 after the side bars 19 have been positioned upon said bolts, said side bars 19 being provided with apertures at their lower end for permitting the bolt 24 to be positioned therein. A removable horizontal rod 26 is positioned within the notches 7 of the braces or brackets 5 and is employed for securing the adjustable back in an adjusted position.

It will be obvious that by swinging the back upon its pivot, constituted by the bolts 24, and moving the rod 26 to the desired notches or cut-out portions 7 that said bracket may be adjusted to a substantially vertical position or to different inclined positions.

What I claim is—

1. In a device of the class described, the combination of a support, brackets carried

by the support and pendent therefrom, the upper portions of the said brackets being approximately horizontal and provided with a series of notches, a back loosely connected to the lower portions of the brackets, and a transverse rod engaging the notched portions of the said brackets and being capable of securing the said back in an adjusted position.

2. In a device of the class described, the combination with a support, of triangular brackets carried by said support, each of said brackets being formed with a horizontal portion and provided with notches formed upon said horizontal portion, a removable back pivotally secured to the lower portion of said brackets, and a transverse rod engaging the notched portions of said brackets and being capable of securing said backs in an adjusted position.

3. In a device of the class described, the combination with a frame, of triangular brackets carried by said frame, each bracket provided with a horizontal notched portion, a sectional clamp carried by said bracket, a lug or extension projecting from said bracket, an adjustable back carried by said brackets,

and means engaging the notched portions of said brackets and said back for securing said back in an adjusted position.

4. In a device of the class described, the combination with a frame, of adjustable brackets carried by said frame, each bracket comprising a triangular body, the horizontal portion of said body provided with notches, clamping means formed upon the front portion of said body, a lug formed upon the rear portion of said body, and a removable member positioned within some of the notches of said brackets and engaging said back for securing the same in an adjusted position.

5. In a device of the class described, the combination with a frame, of brackets carried by said frame, each bracket provided with an extension projecting horizontally therefrom, clamping means carried by each bracket at its forward end, and an adjustable back supported upon said brackets.

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

BYRON CHARLES LEAVITT.

Witnesses:

WILLIAM J. BURGESS,
CHARLES S. EDWARDS.