

(No Model.)

M. B. WESSON.  
HEAD REST.

No. 497,697.

Patented May 16, 1893.

Fig. 1.

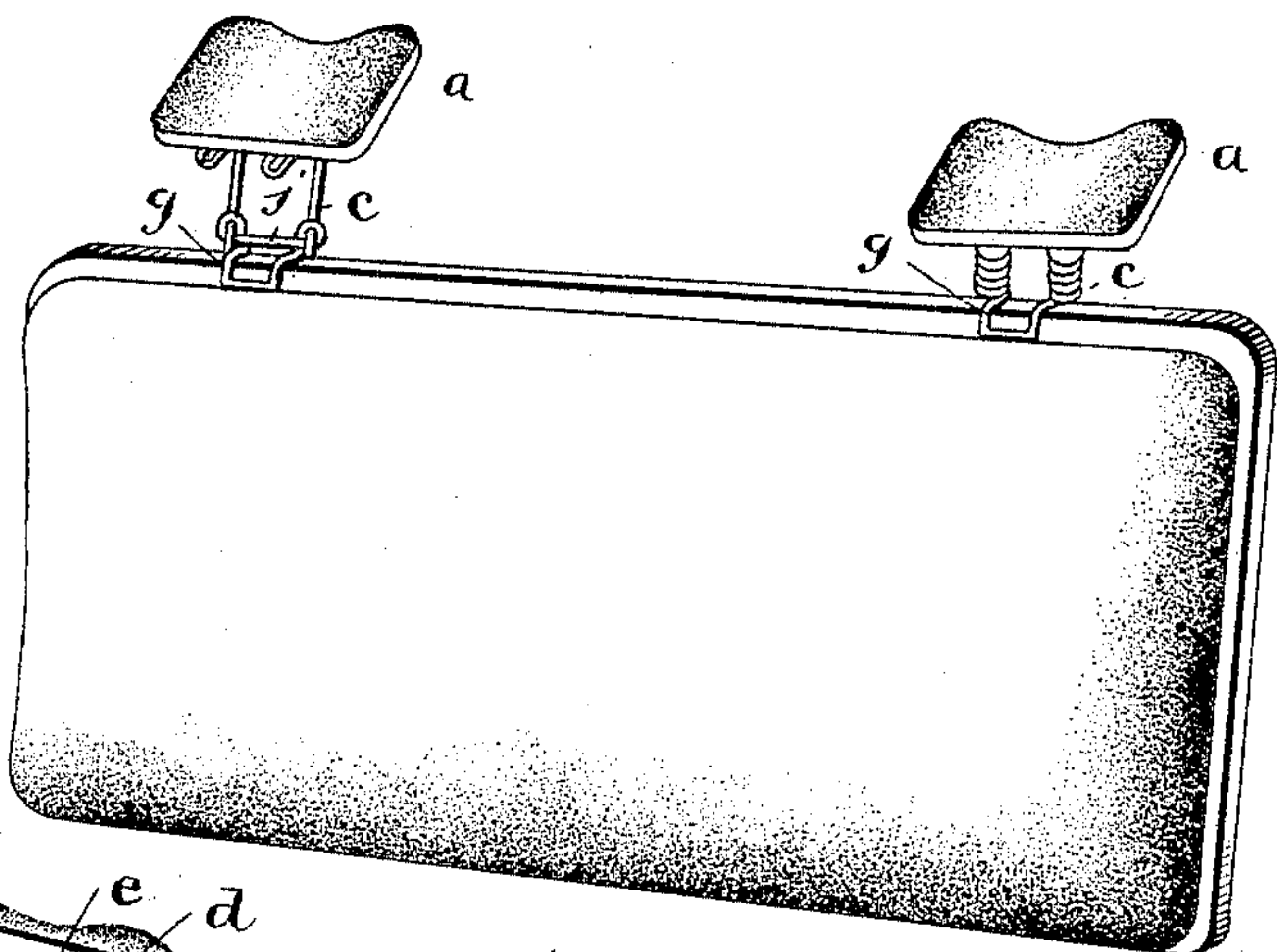


Fig. 2.

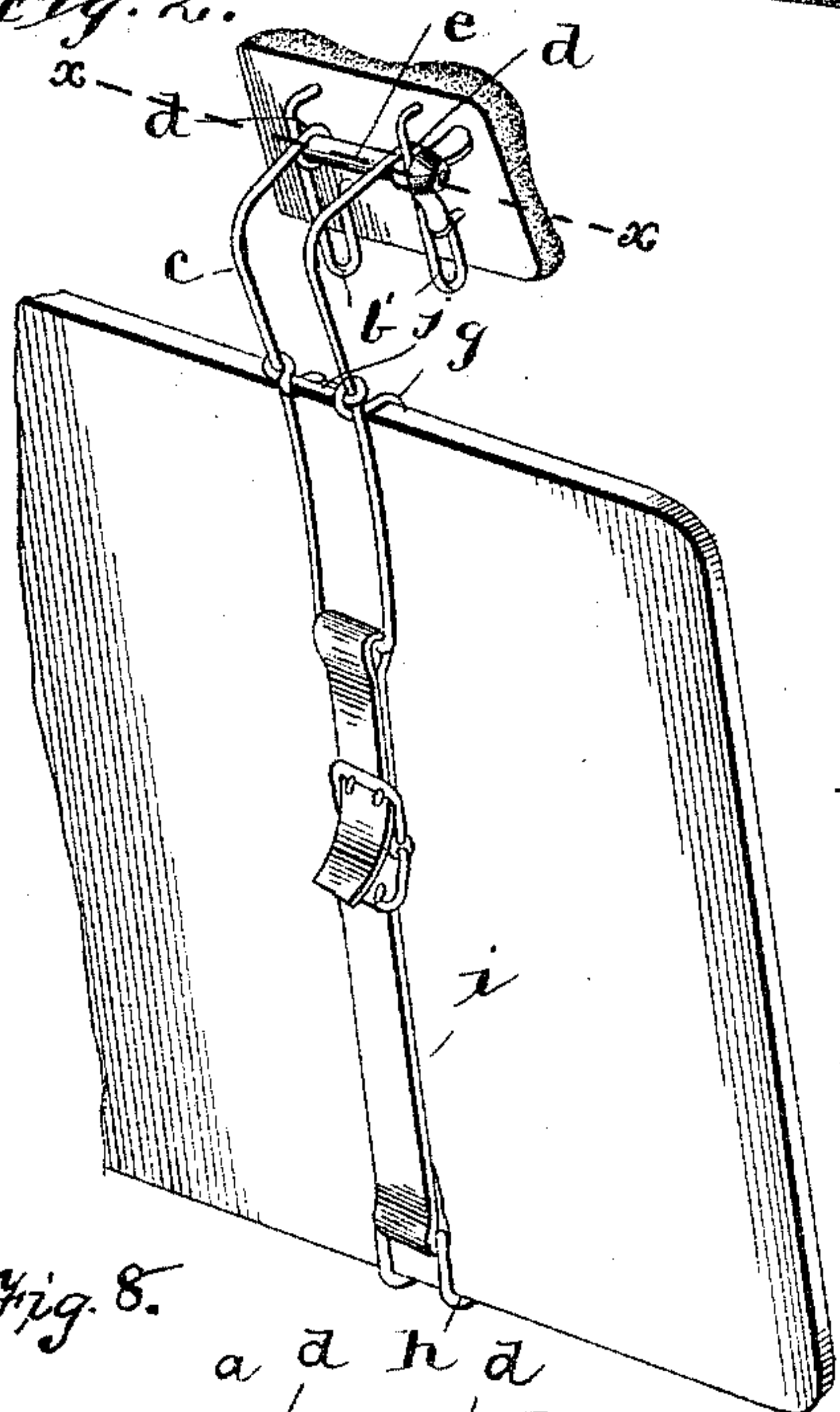


Fig. 3.

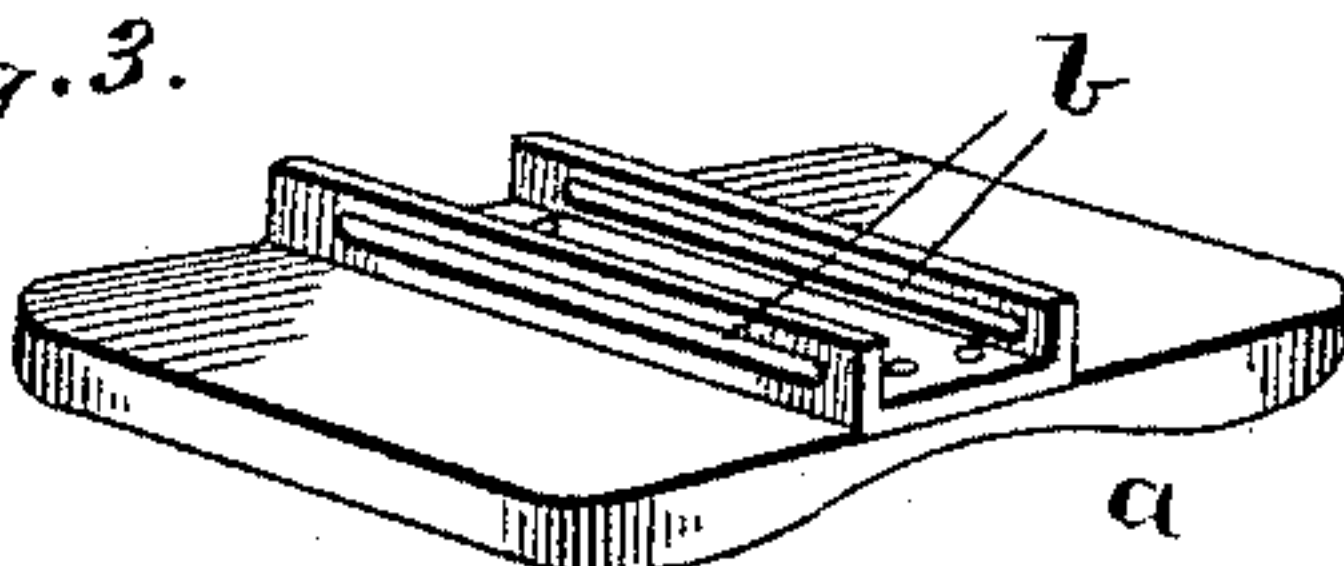


Fig. 4.

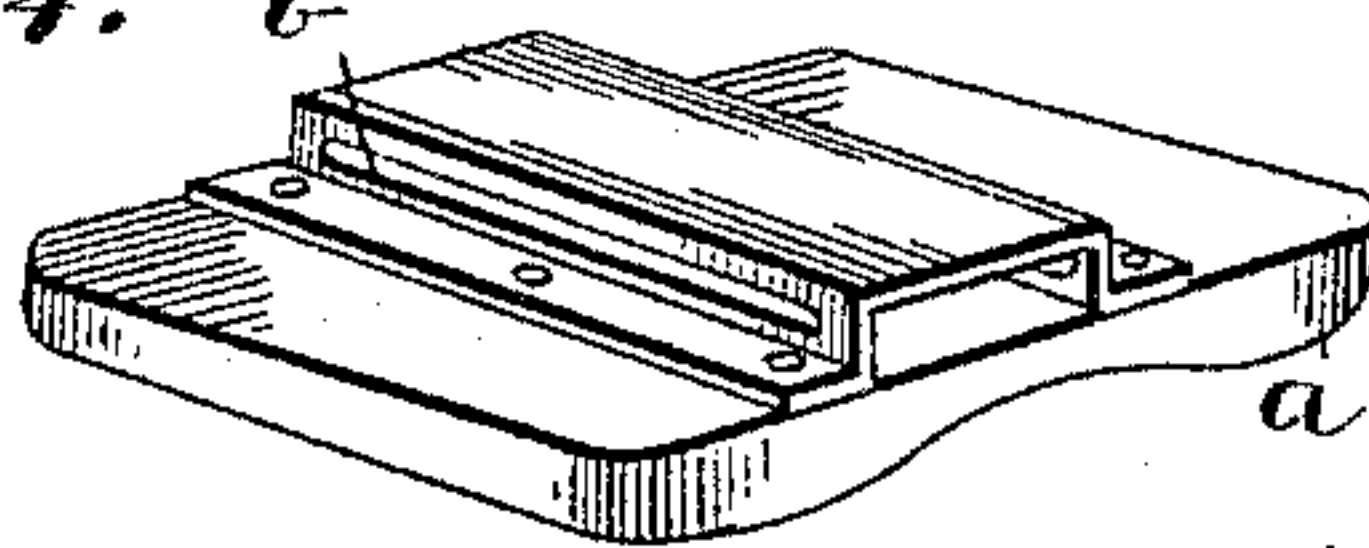


Fig. 5.

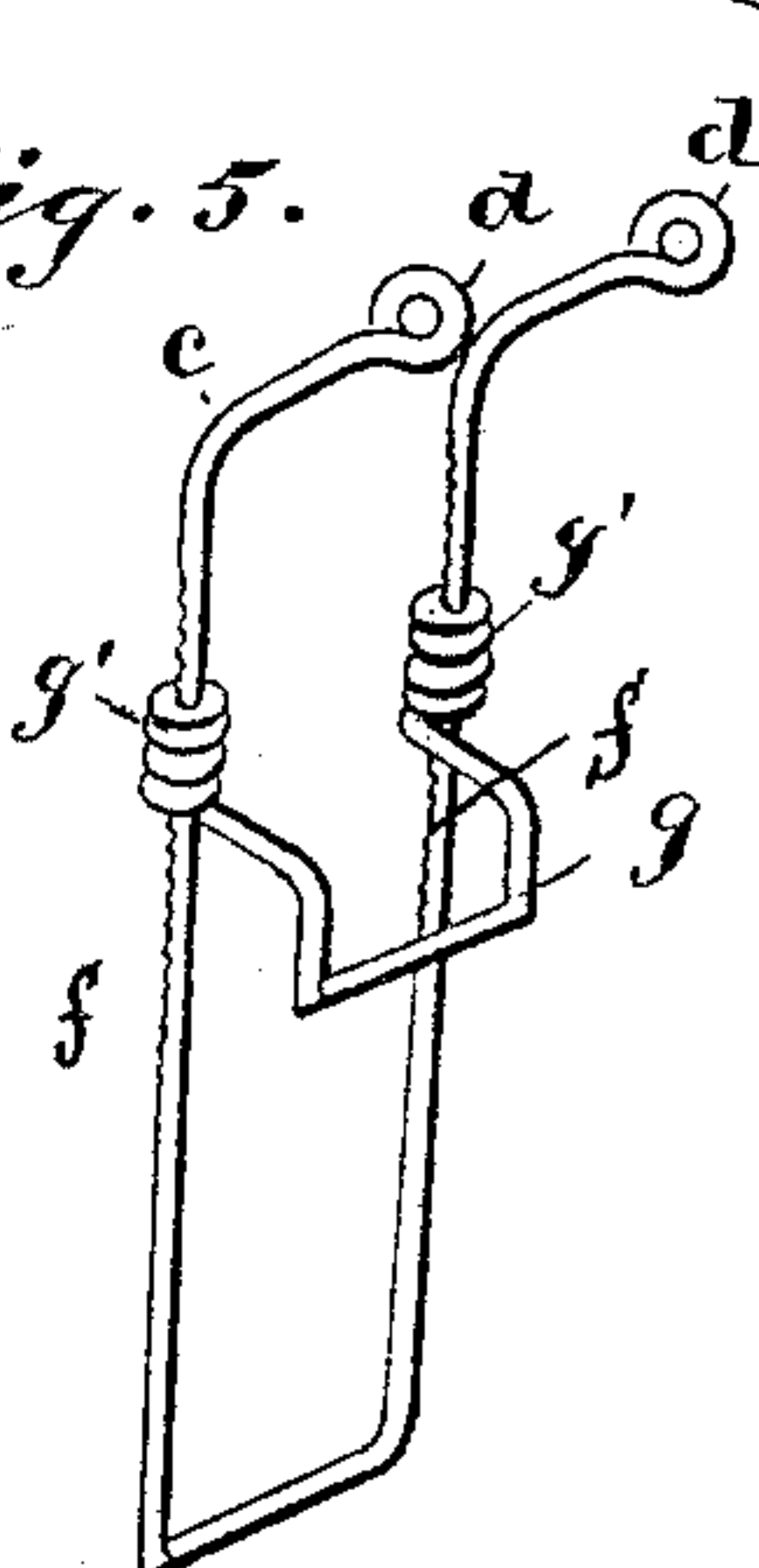


Fig. 6.

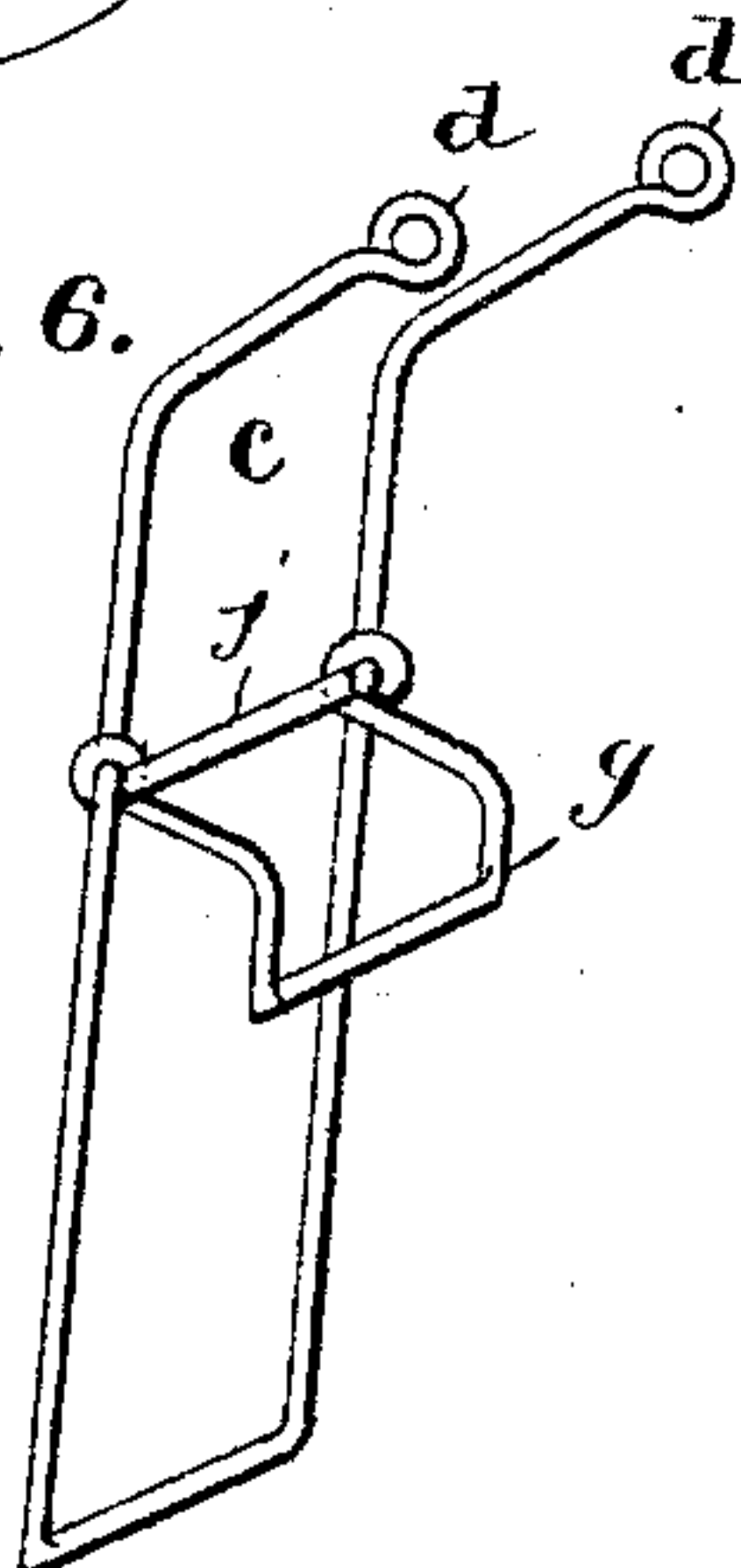


Fig. 8.

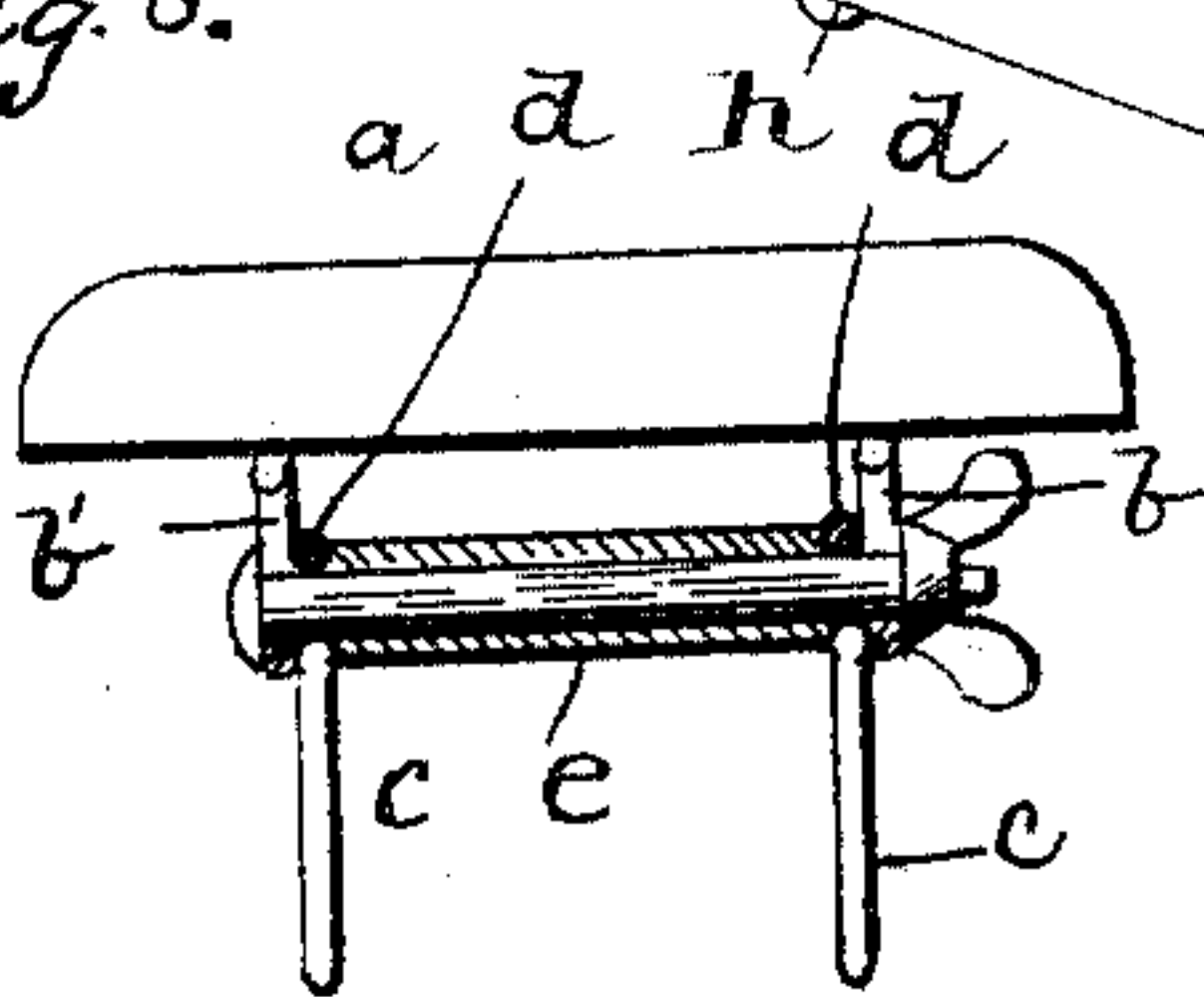
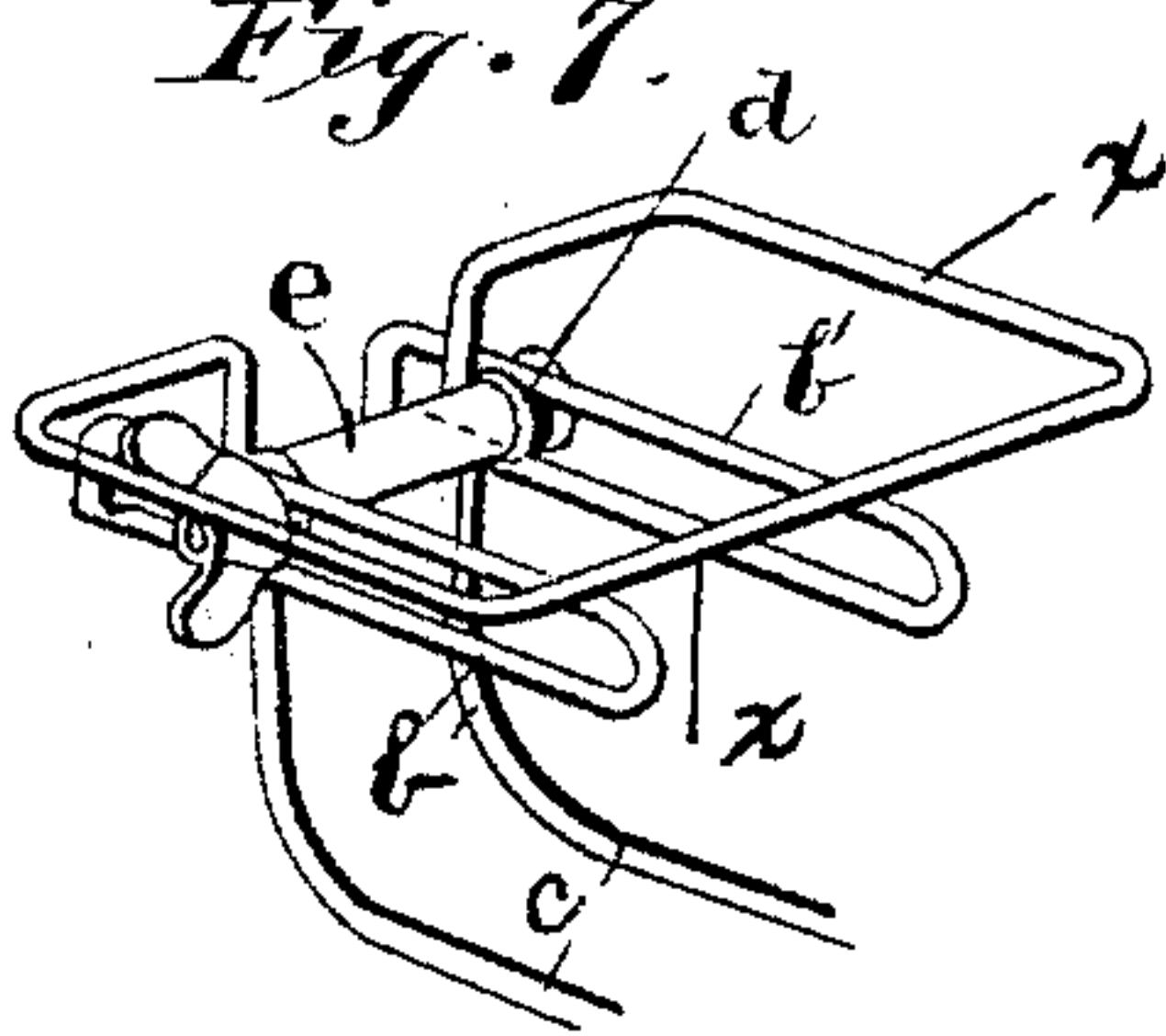


Fig. 7.



Witnesses

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# UNITED STATES PATENT OFFICE.

MILEY B. WESSON, OF FORT WORTH, TEXAS.

## HEAD-REST.

SPECIFICATION forming part of Letters Patent No. 497,697, dated May 16, 1893.

Application filed May 13, 1892. Serial No. 432,889. (No model.)

*To all whom it may concern:*

Be it known that I, MILEY B. WESSON, of Fort Worth, in the county of Tarrant and State of Texas, have invented certain new and useful Improvements in Head-Rests; 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 pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

This invention relates to certain improvements in head rests.

The object of the invention is to provide an improved head rest which can be easily attached to a car seat without injuring or marring the wood work or upholstering thereof, and which will be compact in structure, light in weight and cheap and durable in general construction, and readily adjustable in height, and angle of inclination.

The invention consists in certain novel features of construction and in combinations of parts more fully described hereinafter and particularly pointed out in the claims.

Referring to the accompanying drawings,—Figure 1, is a perspective view showing a portion of a car seat and two different forms of my invention attached thereto. Fig. 2, is a rear view of the back of a car seat showing one form of my invention attached thereto. Figs. 3 and 4, are perspective views of the head pad or cushion illustrating two modified forms of the yoke shown in Fig. 2, by means of which vertical adjustment of the pad is effected. Figs. 5 and 6, show respectively different specific forms of supports for the head rest and modified forms of the upper clamp or grip carried thereby. Fig. 7, is a detail perspective view showing a frame to receive the head pad and the elongated yokes formed of wire also showing the upper ends of the support and the clamping means, the pad not being shown. Fig. 8, is a detail view showing the pad in elevation and the yokes, and clamping device, and ends of the support in section in the plane of line  $x-x$  Fig. 2.

The construction consists mainly of upper and lower hooks or grips which merely fit the upper and lower edges of the seat, a head rest and support therefor carried by the upper hook or clamp, and a connection between the

support and the lower hook and provided with tightening means.

In the drawings  $a$ , indicates the padded or cushioned head rest proper provided with flanges, yokes or the like on the under side having elongated slots  $b$ . These slots can be formed in flanges, as shown in Fig. 3, or in the sides of an inclosure, see Fig. 4, or the rectangular frame  $x$  to receive the pad of the head rest can be formed of a bent wire having the ends turned in and doubled or looped to form the parallel slots  $b'$ , see Fig. 7.

Fig. 7, shows an approximately rectangular wire frame  $x$ , on which the head pad is secured, and which corresponds to the rigid pad backs or boards of Figs. 3 and 4. The same wire forming this frame  $x$ , is bent down and doubled upon itself to form the parallel yokes or slots  $b'$  corresponding to the yokes or slots  $b$ , in the constructions of Figs. 3 and 4.

$c$ , indicates the rest support or carrier preferably elongated and U-shaped, as shown, with the ends bent forwardly (although I do not limit myself to such specific shape) and formed with eyes  $d, d$ , which register with slots  $b, b'$ , on the back of the head pad and receive the clamping screw bolt  $e$ , passing through said eyes and said slots and having the head and nut which clamp the rest firmly and rigidly to the support and the ends of the support against the cylinder or sleeve  $e$ , loosely on the bolt as clearly shown.

$g$ , indicates the upper jaw or clamp fitting the upper edge of the seat.

In Fig. 5, the rear edge of the uprights of the rest support are notched or toothed or roughened as shown at  $f$ , and the jaw  $g$ , has eyes  $g'$ , at its rear ends formed to slide on said toothed sides of the support said eyes being formed by coiling the ends of the wire forming the jaw. By means of this construction when the lower hook or clamp  $h$ , (of any suitable construction) is hooked on the lower edge of the seat, and the strap or other suitable connection  $i$ , secured to the hook  $h$ , and passed around the cross bar of the U-shaped rest support is drawn taut and buckled or otherwise secured, the drawing down of the rest support while the upper hook is on the seat back causes the eyes  $g'$ , to bind and clamp on the roughened sides of said support, and thereby hold the parts rigidly in position.



In Fig. 6, the upper hook or clamp is formed differently and the sides of the rest support are not roughened. In this arrangement the eyes embracing the legs of the support are  
 5 connected by the cross bar *j*, the entire upper hook and cross bar being preferably formed of a single length of wire bent to form the cross bar *j*, extending between and across the rear sides of the legs of the support, and then  
 10 bent forwardly around each leg of the support and over and around the cross bar between the legs and forwardly from the under side of the cross bar to form the hook *g*. When the hook is on the back and the sup-  
 15 port is drawn down the said cross bar *j* will clamp against the rest support and hold the hook firmly. This form of clamp is clearly illustrated in Figs. 2 and 6. As the upper hook is adjustable throughout the length of  
 20 the rest support, the said rest can be raised or lowered. By means of the elongated slots and pivot and clamping bolt the head rest can be set at any angle or can be moved vertically.

The device can be adjusted for persons of  
 25 any height, and can be used on the seats without in any way injuring them.

Having thus described my invention, I claim—

1. In combination, the support having two  
 30 sides, the head pad pivotally and vertically adjustably mounted on the upper ends thereof, the hook formed of wire or the like with eyes loosely embracing and movable on said sides of the support, said eyes so formed as  
 35 to clamp on said sides when downward strain

is exerted on the support and the parts are in operative position, and the securing means, substantially as shown and described.

2. The head rest consisting of the U-shaped support having its upper ends provided with  
 40 eyes, the pad having the rigid slotted parallel yokes on its rear side arranged to register with said eyes, a clamping bolt passing through said eyes and slots to hold the pad in the desired adjustment, the upper hook hav-  
 45 ing eyes embracing said support and arranged to clamp thereon, the lower hook, and the flexible adjustable connection connecting the lower hook to the lower closed end of the support, substantially as described. 50

3. The head rest consisting of the pad having the elongated yokes on its back, the U-shaped yoke having eyes in its upper end to register with said yokes, a clamping bolt to unite these parts, the upper hook having eyes  
 55 loosely embracing the sides of the support, and the cross bar, as described, engaging the rear sides of the support to clamp the hook on the sides of the support when downward pressure is exerted upon the hook, a lower  
 60 hook, and securing and tightening means between said lower hook and the support, substantially as shown and described.

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

MILEY B. WESSON.

Witnesses:

WELLINGTON B. READ,  
 W. ALEX. ABEY.