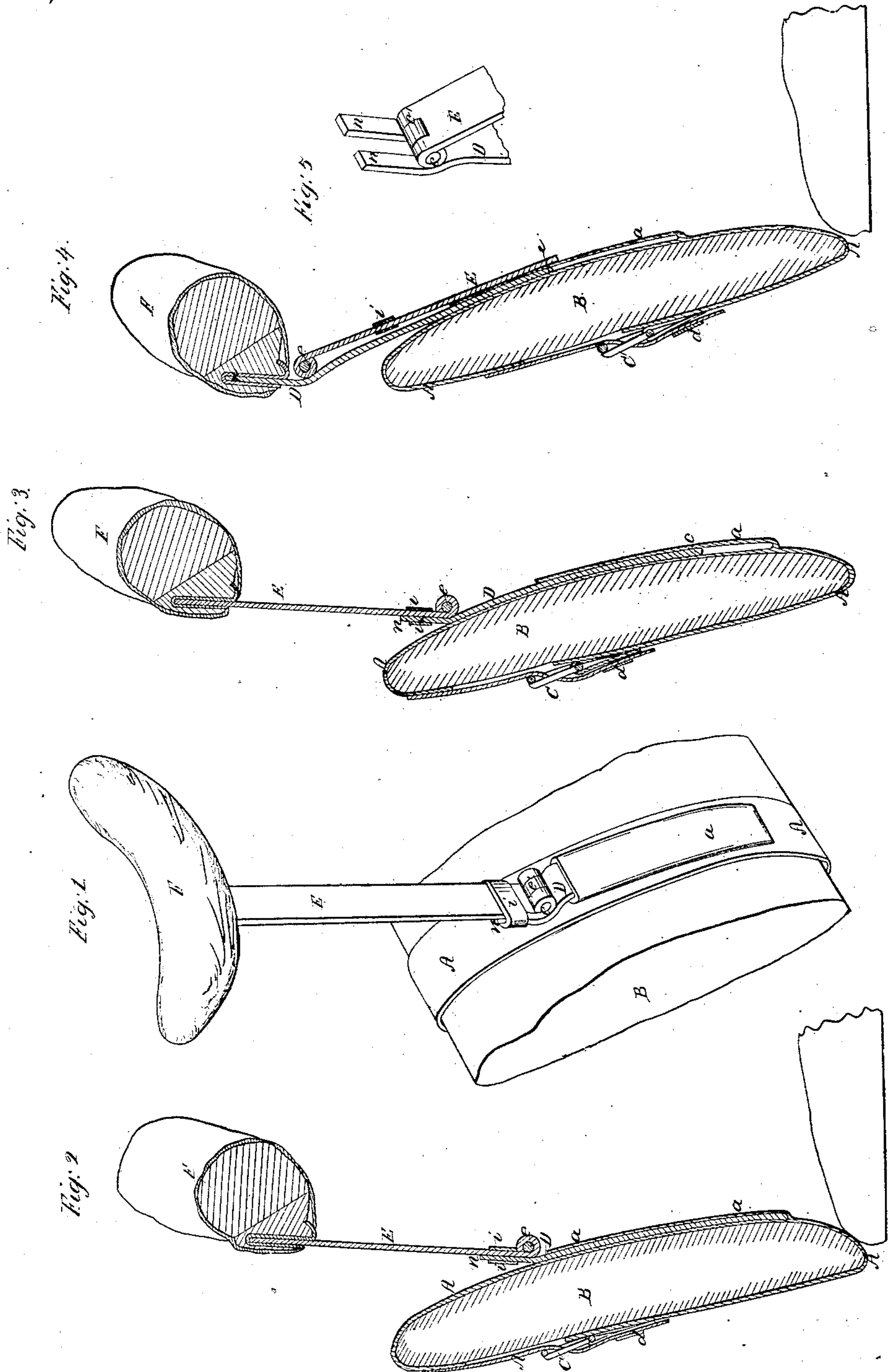


E. Waters,
Head Rest,

N^o 18,998.

Patented Dec. 29, 1857.



UNITED STATES PATENT OFFICE.

ELISHA WATERS, OF TROY, NEW YORK.

HEAD-REST.

Specification of Letters Patent No. 18,998, dated December 29, 1857.

To all whom it may concern:

Be it known that I, ELISHA WATERS, of Troy, in the county of Rensselaer and State of New York, have invented certain new and useful Improvements in Portable Folding Head-Rests for Car and other Seats; and I do hereby declare the following to be a full, clear, and exact description of the construction and operation of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1, represents a perspective view of the head rest as attached, or temporarily connected to the car seat. Fig. 2 represents a vertical section through the same. Fig. 3, represents one of the forms of adjustment in a vertical section through the rest. Fig. 4, represents in similar section, another plan of adjustment, or manner of using the head rest. Fig. 5, represents the manner of making the hinge, so as to admit of the use as shown in Fig. 4.

My invention relates to a portable folding head rest, which is buckled, or similarly fastened to the back of a car or other seat, and which may be susceptible of adjustment thereon, and readily removed, folded up, and carried by the owner.

To enable others skilled in the art to make and use my invention, I will proceed to describe the same with reference to the drawings.

A, represents a strap of sufficient length to pass around an ordinary car-seat back B, and furnished with a buckle C, and loop *d*, if so desired, to unite it thereto. A socket *a*, is formed on the strap, by doubling the material of which it is composed at the desired point, or by sewing or otherwise affixing thereto, any proper material to serve the purpose. Into this socket or long loop *a*, the end *c* of the bar D, is inserted and supported, and may be raised or lowered to give the head support the proper height. To the bar D, is hinged at *e*, a second bar E, the upper end of which bar E, fits into a socket, formed in the head supporter F, as shown in Figs. 2, 3, the head supporter being shaped to afford a comfortable rest for the head, and covered and cushioned in any well known way. A loop *i* is placed on the bar E, so that when the two bars are straightened out, said loop may be slipped over the

projection *n* of the lower bar, and thus firmly hold the two bars in their straightened out position.

In Fig. 4, is shown how the rest may be considerably shortened viz: by slipping off the head support F, removing the loop *i*, and folding the upper bar E, down over the lower one D, and then placing the head supporter, on the projections *n*, of the lower bar D. The projections *n*, *n*, may be formed by making the hinge as follows: The end of the bar D, is slotted so as to divide it into three parts, the central part *e'*, is bent round, and fits into a central space in the end of the upper bar E which had been similarly slotted, but in which the central piece had been cut out, and the two outside pieces turned to receive the pivot of the hinge. This allows for the two projections *n*, against which the upper bar rests when raised, and to which it is held by the loop *i*. The hinge and projections may be formed by reversing the bending of the slotted portions, and putting the loop on D, but this would not be so effective. The bars E, D, may be of light thin steel, neatly covered, so as to spring or yield to motion of the head, and they are so bent, as to most comfortably conform to the shape or inclination of the user.

This head rest, as described and shown is susceptible of varied adjustments, so as to make it applicable to any kind of seat, or to any sized person. It can be adjusted by slipping the strap around the back of the seat. Secondly, by raising or lowering the end *c* of the bar D, in the loop or socket *a*. And thirdly, by folding down the bar E, and putting the head support, on the projections *n*, *n*, as shown in Fig. 4.

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

The within described portable folding head rest for car and other seats, when made adjustable in, on, or by a strap buckled, or otherwise fastened to the back of the seat, substantially as herein set forth and explained.

ELISHA WATERS.

Witnesses:

CHAS. H. BIGELOW,
J. W. ALFRED CLARK.