(No Model.)

C. E. NEELEY.

HEAD REST.

No. 325,006. Patented Aug. 25, 1885.

Fig. 1.

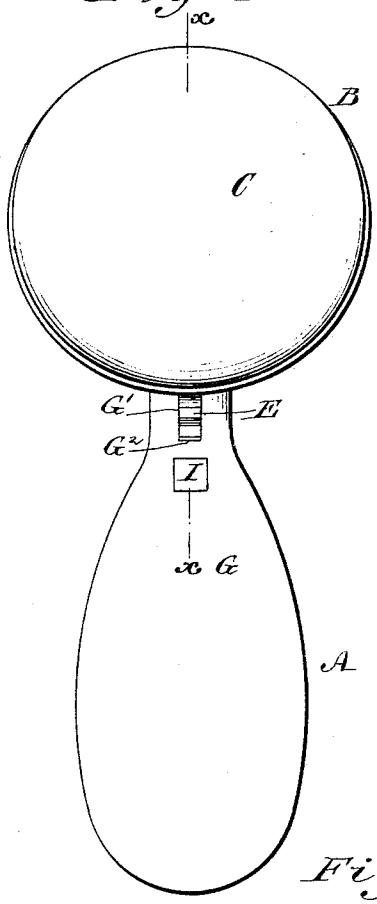


Fig. 2.

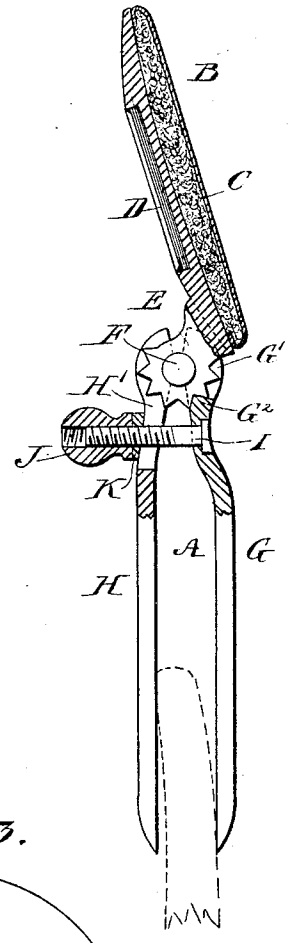
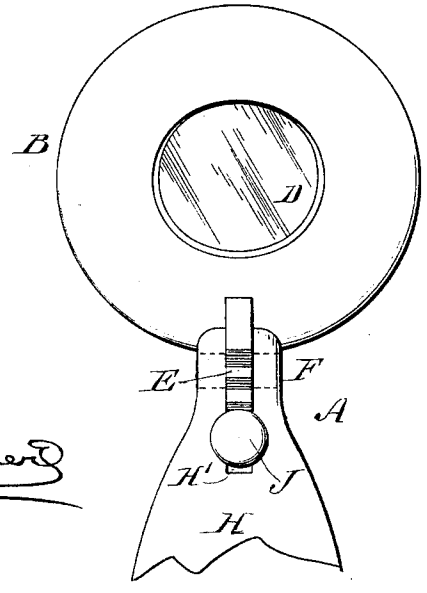


Fig. 3.



WITNESSES:

Joseph O. Deemer

C. Sedgwick

INVENTOR:

C. E. Neeley

BY Munn & Co

ATTORNEYS.

N. PETERS. Photo-Lithographer, Washington, D. C.

UNITED STATES PATENT OFFICE.

CHARLES E. NEELEY, OF GURDON, ARKANSAS.

HEAD-REST.

SPECIFICATION forming part of Letters Patent No. 325,006, dated August 25, 1885.

Application filed June 2, 1885. (No model.)

To all whom it may concern:

Be it known that I, CHARLES E. NEELEY, of Gurdon, in the county of Clarke and State of Arkansas, have invented a new and Improved Head-Rest, of which the following is a full, clear, and exact description.

My invention relates to improvements in portable head rests, and its objects are, first, to provide a comfortable head-rest, easily adjustable at any desired angle, and, secondly, to provide a mirror, likewise adjustable, for convenience in shaving and for other purposes.

The invention consists in a head-piece upholstered upon one side and provided on the other side with a mirror.

The invention further consists in a clamping device adapted to be secured to the back of a railway-car seat or other chair, in which clamping device the head-piece is adapted to be adjustably held, as will be hereinafter described and claimed.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a front elevation of my improved head-rest. Fig. 2 is a side elevation of the same on the line *x x* in Fig. 1, parts being shown in section. Fig. 3 is a rear elevation of the same showing the mirror, and having parts of the clamping device broken away.

The head-rest consists, essentially, of two elements—the adjustable head-piece B and the clamping device A, by which it is secured to the back support of the seat in an ordinary railway passenger-coach or to the back of a barber's or other chair.

The head-piece B is preferably made circular in form, with a diameter of about seven inches, and of metal. It is provided on its front face with the cushioned surface or rest C for the head, and on its rear face with the mirror D, designed particularly for convenience in shaving. The head-piece B is provided at the lower edge of its rear face with the circular toothed support E, placed at right angles to the said face and in a radial direction. The support E is centrally provided with pivots F, one on each side.

The clamping device A consists of the two pieces, G and H, designed to press, respectively, against the front and rear sides of the back of a railway-car seat or other chair.

The front piece, G, is formed with the longitudinal slot G′ sufficiently wide to receive the circular support E, and to permit said support to work freely within it. A shoulder, G^2, is formed at the lower end of the slot G′, and is adapted to engage with the teeth of the circular support E. The piece G is also formed with a semicircular groove on its under side, fitted to receive the front side or half of the pivots F. A headed rod, I, screw-threaded at its outer end, projects at right angles from the rear side of the front piece, G, a short distance below the end of the slot G′.

The back piece, H, is formed with the longitudinal slot H′ sufficiently wide to receive the circular support E and permit it to work freely. The slot H′ extends downward far enough to allow the screw-threaded rod I to pass through it freely when the parts are in place. The back piece, H, is likewise formed with a semicircular groove on its inner side to receive the back half of the pivots F.

A knob, J, having a central screw-threaded bore fitting the screw-threaded rod I, works against the washer K, placed on the rod I between the back piece, H, and the inner end of the said knob J.

In Fig. 2 the clamping-pieces G and H are shown pressed firmly against the two sides of the back of a car-seat or chair. (Shown in dotted lines.) The knob J is screwed tightly against the washer K, and the head-piece B, by means of the teeth of its circular support E and the shoulder G^2, is locked firmly in place. When the knob J is unscrewed from the rod I, the shoulder G^2 is disengaged from the teeth of the support E, and the head-piece B may be readjusted at any angle or removed from the back of the seat or chair, as desired.

While the device is applicable to any chair, it will be particularly useful in an ordinary passenger-coach, where the back of the seats rarely extend up high enough to give any support to the head of an adult passenger. The head can only be rested by slipping the body far down on the seat and into a very awkward position. It is to obviate this discomfort that my invention is particularly designed.

When the passenger is weary, the head needs

support above all other members; but this is only afforded in the reclining-chair car, on which an extra fare is usually charged. My invention will make the ordinary car-seat equally as comfortable, and as it can be readily attached and detached, and occupies but a small space when not in use, it will be found very convenient for this purpose.

By reversing the position of the entire device, or by simply reversing the position of the head-piece B in the clamping device A, the mirror D may be arranged at any angle, and will be found very convenient for shaving and other purposes.

My invention is here shown with circular head-rest, and as made of metal; but it may be made of any size or shape, and any material may be employed, as desired.

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

1. The combination, with an adjustable head-piece provided on one face with a cushioned surface and on the other with a mirror, of a clamping device adapted to secure the same to the back of a car-seat or chair, substantially as shown and described.

2. The combination, with an adjustable head-piece having a cushioned head-rest on one side and a mirror on the other and provided with a circular toothed support at right angles to its rear face, and pivots centrally formed on or attached to the said support, of a clamping device adapted to secure the same to the back of a car-seat or chair, substantially as shown and described.

3. The combination, with an adjustable head-piece having a circular toothed support at right angles to its rear face, of two clamping-pieces attachable to the same, each piece being formed with a longitudinal slot at its upper end, a semicircular groove on its inner side, and the front clamping-piece having a shoulder at the lower end of its longitudinal slot, a screw-threaded rod projecting at right angles from the rear face of the front piece, a washer, and of a knob or nut on said rod, substantially as shown and described.

4. The combination, with the adjustable head-piece B, having the cushioned rest C, and the toothed circular support E, provided with the pivots F, of the clamping device A, consisting of the front piece, G, having a semicircular groove on its inner side, the longitudinal slot G′, the shoulder G^2, engaging with the teeth of the support E, and the backwardly-projecting screw-threaded rod I, operating in conjunction with the back piece, H, having a semicircular groove on its inner side, and the longitudinal slot H′, of the knob J, formed with central screw-threaded bore, and of the washer K, substantially as shown and described.

5. The combination, with the head-piece B, having the rest C, the mirror D, the circular toothed support E, and the pivots F, of the clamping device A, consisting of the pieces G and H, having the longitudinal slots G′ and H′, the semicircular grooves surrounding the pivots F, and the piece G, having the shoulder G^2, the screw-threaded rod I, the internally-screw-threaded knob J, and the washer K, substantially as shown and described, whereby the head-rest or mirror can be adjusted at any desired angle and the head-piece B can be secured to the back of a car-seat or other chair, as specified.

CHAS. E. NEELEY.

Witnesses:
JAS. H. ABRAHAM,
A. B. HALL.