

(No Model.)

J. B. ANDERSON & J. H. HOPE.
HEAD REST.

No. 418,935.

Patented Jan. 7, 1890.

Fig. 1.

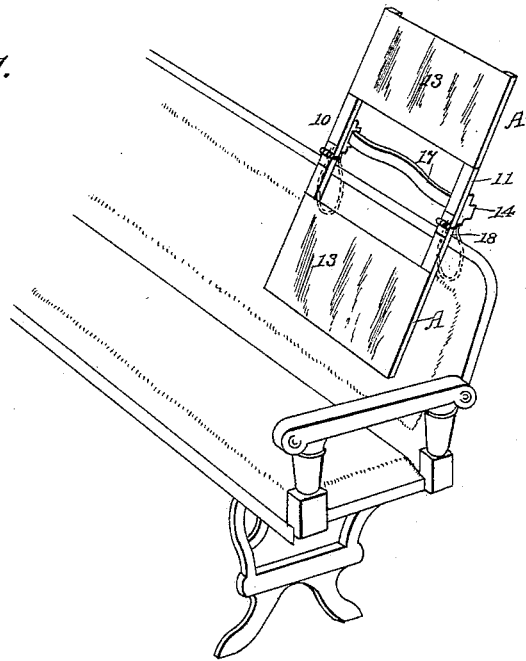


Fig. 2.

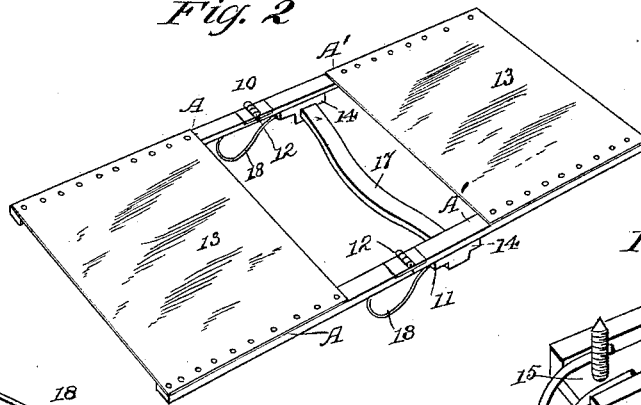


Fig. 4.

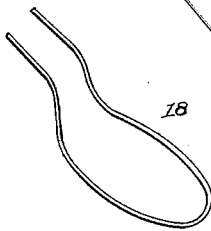


Fig. 5.

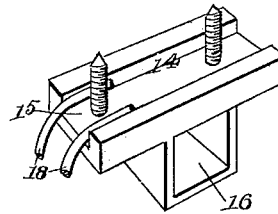
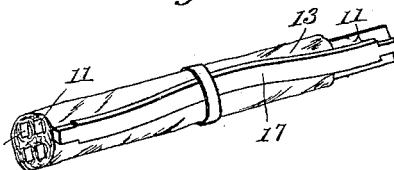


Fig. 3.



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HEAD-REST.

SPECIFICATION forming part of Letters Patent No. 418,935, dated January 7, 1890.

Application filed July 9, 1889. Serial No. 316,969. (No model.)

To all whom it may concern:

Be it known that we, JOHN B. ANDERSON and JOHN H. HOPE, of Hamilton, in the Province of Ontario and Dominion of Canada, have invented a new and useful Improvement in Head-Rests, of which the following is a full, clear, and exact description.

Our invention relates to an improvement in head-rests, and has for its object to provide a device of simple, economical, and durable construction, capable of convenient and expeditious attachment to any form of seat; and a further object of the invention is to provide a head-rest capable of being rolled up when not in use, to form a parcel so small as not to add materially to the luggage of a traveler or to inconvenience a person when carrying the article.

The invention consists in the novel construction and combination of the several parts, as will be hereinafter fully set forth, and pointed out in the claims.

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

Figure is a perspective view of the head-rest applied to the back of a seat. Fig. 2 is a perspective view of the article detached. Fig. 3 is a perspective view of the head-rest when not in use, illustrating the same as rolled up for transportation or for storage; and Figs. 4 and 5 are detail views.

The body of the head-rest is constructed of two side pieces 10 and 11, preferably made of wood, but which may be made of metal or other material, if so desired, and the said side pieces are each made in two sections A and A', preferably of equal length and hinged together, as best illustrated at 12 in Fig. 2. The opposed sections of the several side pieces are connected by a strip 13, of canvas, cloth, or other fabric, the said strips of fabric being preferably of such width as to leave uncovered a central space between the side pieces, as illustrated.

To the back of the upper section A' of the side pieces a block or bracket 14 is rigidly secured by screws or equivalent fastening devices, which blocks are provided with a re-

cess 15 in the inner face, which extends preferably from end to end, and a transverse slot 16, as best shown in Fig. 5.

The side pieces of the frame or body of the device are held apart by a transverse brace-bar 17, preferably inwardly curved to form an outer concaved surface, the extremities of which brace-bar 17 are reduced to enter the slots 16 of the bracket-blocks.

In connection with the device above described two spring-clamps 18 are employed, (illustrated in detail in Fig. 4,) comprising preferably a piece of stout spring-wire bent upon itself to form a loop, the bow-section of which loop is in turn curved in direction of its length. The shank-section of a spring-clamp is inserted in one end of the recess 15 of each of the bracket-blocks 14, as illustrated in detail in Fig. 5, whereupon the extremity of the bow-section of the clamp will essentially contact with the back of the side sections A of the frame or body. These spring-clamps are adapted, when the device is to be used, to retain the device in contact with the back of the seat until the operator is seated. When the device is applied, if the sections are folded one upon the other, they are folded out to a parallel plane, as illustrated in Fig. 2, and if the spring-clamps are detached the shanks thereof are inserted in the recesses of the bracket-blocks. When the spring-clamps have been attached to or connected with the frame, the lower frame-section is brought in contact with the front of the seat-back, as illustrated in Fig. 1, the hinges of the section being preferably located immediately above the upper edge of the said back, and the spring-clamps 18 engage with the rear face of the said back, as shown in dotted lines in the said figure, and serve to retain the device in contact with the seat should the occupant arise therefrom.

When the device is in use, the back of the occupant of the seat rests against the fabric uniting the lower side sections of the frame or body, and the said occupant may assume an easy reclining position by resting the head against the upper strip of fabric connecting the upper side sections of the frame.

When not in use, the spring-clamps 18 are detached from the bracket-blocks, the brace-

bar 17 is also detached, the two sections of the frame are folded one upon the other, and the spring-clamp may be placed upon the fabric and the device rolled up, as illustrated in Fig. 3. The brace-bar 17 is conveniently carried by being placed in contact with the outer surface of the roll and strapped or otherwise attached thereto; but if it is found desirable the bracket-bar may be placed within the roll.

We desire it to be distinctly understood that we do not confine ourselves to the use of any particular material for connecting the opposed side sections of the frame or body; but a soft elastic material, such as some fabric, is preferred, and if found desirable the springs may be covered with any suitable material—rubber tubing, for instance.

Having thus described our invention, we claim as new and desire to secure by Letters Patent—

1. A head-rest comprising an upper and a lower section hinged together on their outer faces at their abutting ends to fold face to face, and clamps on the rear side of the upper section projecting downwardly across the joint between the two sections, substantially as set forth.

2. A head-rest comprising an upper and a lower section, each composed of opposite side pieces, and a connecting-strip of fabric, hinges connecting the abutting ends of the upper and lower side pieces to permit the sections to fold toward each other face to face, and clamps detachably connected at their upper

ends to side pieces of the upper sections and projecting downwardly across the hinge-joint, substantially as set forth.

3. As an improved article of manufacture, a head-rest comprising parallel side bars, each side bar made in two hinged sections, a strip of fabric or equivalent material uniting the opposed sections of each of the side bars, a bracket-block secured to the rear of the upper side-bar sections, and a spring-clamp detachably held in each of the said bracket-blocks extending below the hinge-connection of the side sections, substantially as shown and described.

4. In a head-rest, the combination, with side bars made in two hinged sections, and strips of fabric or similar material uniting the opposed side bars of the upper and lower sections, and a bracket-block attached to the rear face of each of the upper side-bar sections, of spring-clamps having one end removably held in each of the bracket-blocks and the other end curved downward below the hinge-connection of the side bars, and a brace-bar detachably secured at its extremities to the said bracket-blocks, all combined for operation, substantially as shown and described.

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