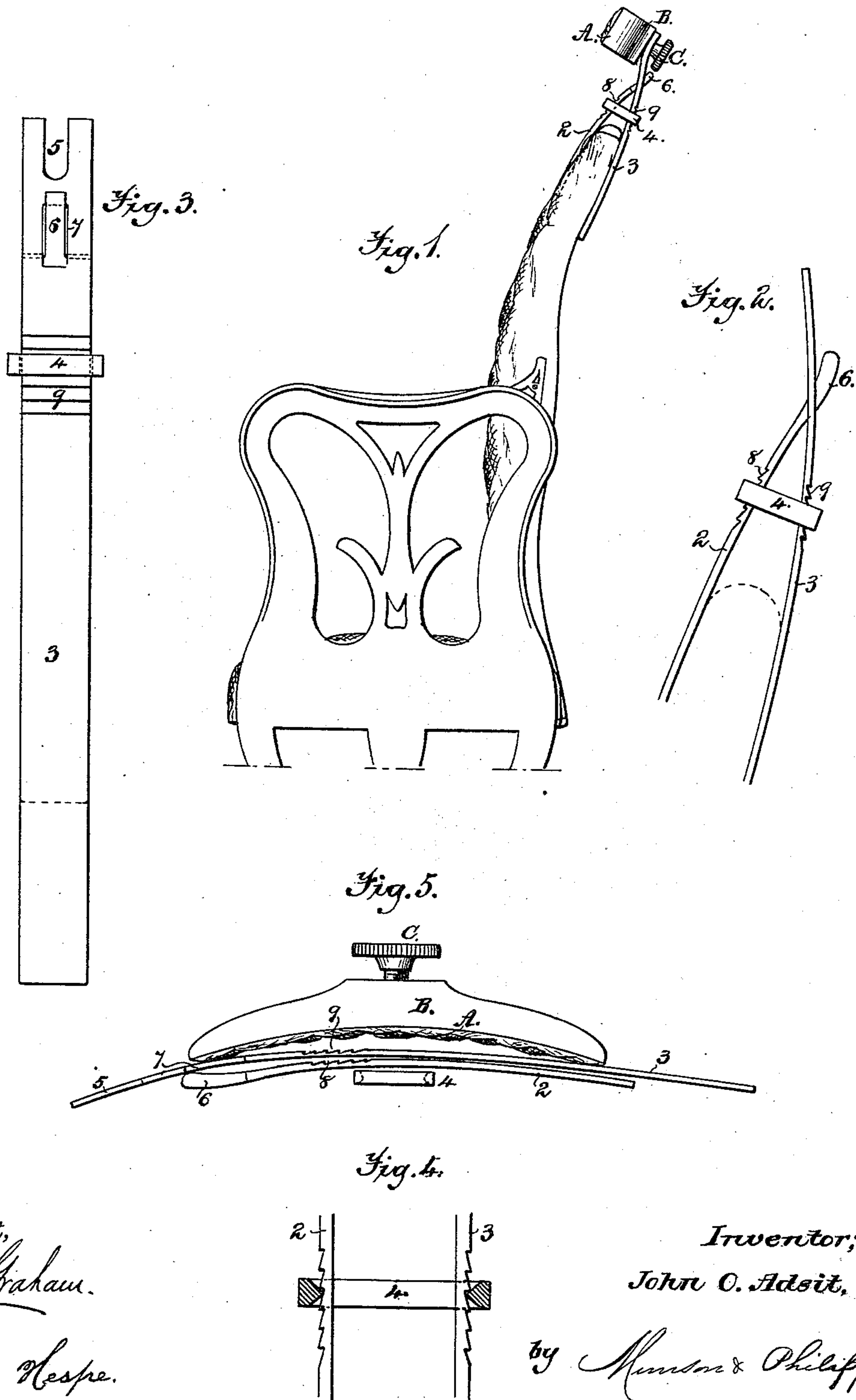


J. O. ADSIT.
Head-Rest for Car-Seats.

No. 212,167.

Patented Feb. 11, 1879.



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UNITED STATES PATENT OFFICE.

JOHN O. ADSIT, OF HORNELLSVILLE, NEW YORK.

IMPROVEMENT IN HEAD-RESTS FOR CAR-SEATS.

Specification forming part of Letters Patent No. **212,167**, dated February 11, 1879; application filed March 30, 1878.

To all whom it may concern:

Be it known that I, JOHN O. ADSIT, of Hornellsville, New York, have invented an Improvement in Head-RESTS for Car-Seats, Chairs, &c., of which the following is a specification:

It is the object of this invention to produce a portable head-rest, which is adapted to be expeditiously applied and firmly secured to the back of a railroad-car seat or similar chair-back, and capable of being packed up in small compass for convenient carriage when not in use; and the invention consists in a construction and combination of parts whereby the same is effected.

The practical embodiment of this invention is illustrated in the accompanying drawings, wherein—

Figure 1 is an elevation of a railroad-car seat with head-rest adjusted thereon. Fig. 2 is a side view of the principal parts of the head-rest as adjusted together. Fig. 3 is a reduced rear elevation of the same. Fig. 4 shows the operation of the clamp, and Fig. 5 shows the various members of the head-rest detached from each other and associated together for convenient carriage.

The essential elements of my improved device are a rest or pad, A, for the head, two clamp-bars, 2 3, that are connected together by a tenon and socket, and which embrace the back of the seat, and a clamp, 4, which secures said clamp-bars in place.

The pad A will, of course, be provided with a rigid block or frame-work, B, to which will be affixed the cushion or padding constituting the said pad A, which is properly curved to suit the contour of the human head. This block or frame-work B will have a clamping thumb-screw, C, or a similar device, for connecting it with the clamp-bar 3, which bar will preferably be provided with a slot, 5, in which the shank of the screw C lies, which arrangement provides for the adjustment of the pad A. Any other construction of parts which permits this adjustment of the pad may, of course, be provided.

The clamp-bars 2 and 3 are made of any suitable metal, preferably wrought-iron, and

are so shaped that when connected together by entering the tenon 6 on the one into the socket 7 in the other the pendent ends will stand at the proper angles to adapt them to embrace the back of a car-seat or chair, as in Fig. 1. At proper points upon their exterior faces these bars 2 3 are furnished with ratchets 8 9, into which the teeth of a clamp, 4, may engage.

The several parts of this device may be detached from each other, in order that they may be packed in such relation to each other as to form a convenient package for carriage, as is shown in Fig. 5.

When it is desired to use this device the rest A is adjusted in the slot 5 of the clamp-bar 3, and there secured by means of the clamp-screw C, and then tenon 6 of the clamp-bar 2 is entered into the socket 7 of the clamp-bar 3, so that said clamp-bars thus adjusted spread apart, as in Fig. 2, and are adapted to fit upon a chair-back when placed thereon, as in Fig. 1.

The clamp 4, which is simply a square metal collar, having been placed loosely over both of the clamp-bars, is then forced downward until it presses the bars toward each other to such a degree as to cause them to tightly clamp upon the opposite sides of the chair-back, and thus be securely held thereto, thus rigidly holding the rest A in a position to support the head of a person.

In order that the clamp may not slip or otherwise become displaced, the bars 2 3 are provided with the ratchets 8 and 9, into the teeth of which the inner wedge-like surfaces of the clamp 4 engage, as in Fig. 4, and thereby lock the clamp in its position of adjustment.

This improved head-rest is exceedingly simple and inexpensive, being composed of few parts, and is, moreover, of a very advantageous construction, since it may be taken apart, packed in a small space, and conveniently adjusted in place for use.

What I claim is—

1. A portable head-rest for the backs of seats, consisting of the pad A, clamp-bars 2 3, connected together by tenon and socket, as

described, and adapted to embrace the seat-back, and a clamp-ring, 4, substantially as described.

2. The combination, with the rest A, of the bar 2, having a tenon, 6, and ratchet 8, the bar 3, having a socket, 7, and ratchet 9, and the clamp 4, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JOHN O. ADSIT.

Witnesses:

G. P. RISHEL,

A. B. WOODARD.