

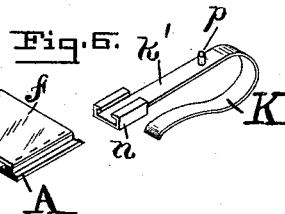
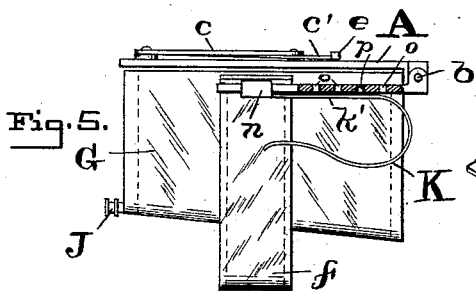
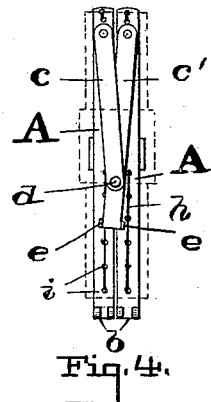
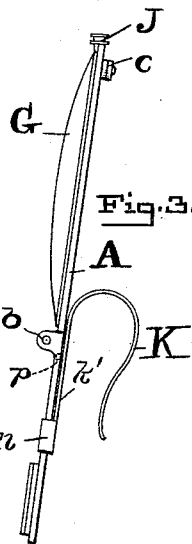
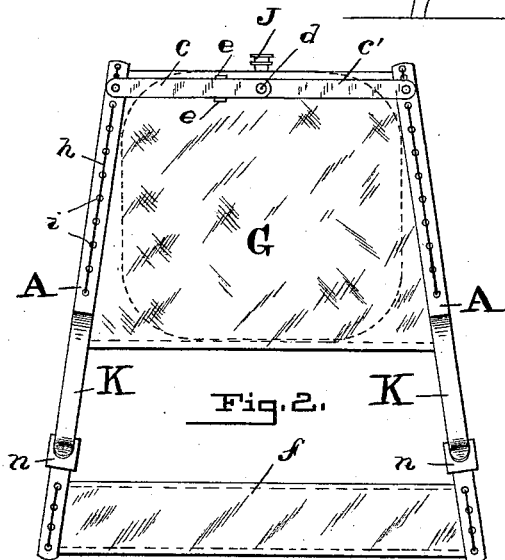
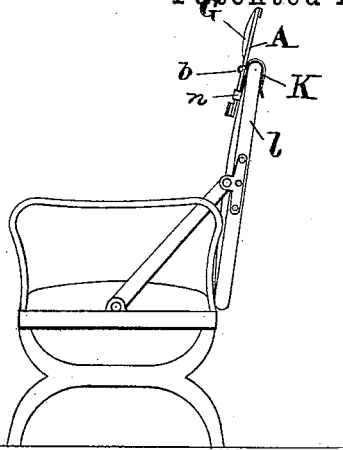
(No Model.)

W. O. CRAIN.  
HEAD REST.

No. 493,486.

Patented Mar. 14, 1893.

Fig. 1.



WITNESSES: —

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# UNITED STATES PATENT OFFICE.

WILLIAM O. CRAIN, OF BALTIMORE, MARYLAND.

## HEAD-REST.

SPECIFICATION forming part of Letters Patent No. 493,486, dated March 14, 1893.

Application filed August 8, 1892. Serial No. 442,405. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM O. CRAIN, a citizen of the United States, residing at Baltimore, Maryland, have invented certain new and useful Improvements in Head-Rests for Seat-Backs, of which the following is a specification.

This invention relates to a portable head-rest for attachment to the backs of seats, such as the seats in railroad cars.

The object is to provide a folding head-rest of simple and cheap construction.

The invention is illustrated in the drawings.

Figure 1 shows a side view of a railroad car-seat with my head-rest applied. Fig. 2 shows an enlarged back-view of the head-rest as it appears when in use; Fig. 3, a side or edge view of the same. Fig. 4 shows a back view of the device collapsed, the broken lines indicating the flexible pocket and connecting band wrapped around it. Fig. 5 shows a side view of the device collapsed with the flexible pocket and connecting band as they appear before being wrapped around. Fig. 6 shows a perspective view of one of the attaching hooks, and an end of a side-bar of the head-rest where the flexible band attaches to it,—this view illustrating that the hook may be detached.

The bars, A, are each jointed at, *b*, so as to fold and the two are connected at one end by a spreader-bar, *c*, *c'*, of special construction. This spreader-bar is made in two parts and jointed by a pivot, *d*, near its center; the pivot, *d*, passes through the end of one part, *c*, but the end of the other part, *c'*, extends beyond the pivot and has side tangs, *e*, which take slightly over the two opposite side edges of the part, *c*. This spreader bar is sufficiently springy to disengage the tangs, *e*, from the edges of the part, *c*; when disengaged the two parts of the bar may fold on their pivot, *d*. Thus the spreader-bar is jointed to fold, but is also provided with tangs to keep it straight and rigid and prevent it from folding. The other ends of the two bars, A, are connected by a band or strap, *f*, of suitable flexible material.

A pocket, G, of cloth or any suitable fab-

ric has its edges attached to the upper joint of the bars, A, by a cord or thread, *h*, run through a series of small holes, *i*, in said upper joint; this pocket is open only at the top, and receives an air-bag, J. The air-bag is removable from the pocket.

The lower joint of each bar, A, is provided with an adjustable hook, K, which is to take over the back, *l*, of a seat, as shown in Fig. 1. Each hook has a spring shank, *k'*, at the end of which is a loop or clip, *n*, which takes on the lower joint of the bar, A, and is free to slide up and down thereon. The lower joint of each bar has a series of adjusting holes or depressions, *o*, and the spring-shank, *k'*, of the hook has a pin, *p*, which may engage any one of these holes and thereby retain the hook at any desired elevation on the lower joint. By grasping the hook and pulling it away from the bar, A, the pin, *p*, will disengage from a hole, *o*, and then the hook may be shifted along the lower-joint, or may be slipped off altogether.

It will be seen the pocket, G, when filled by the air-bag serves as a rest for a person's head, and the band, *f*, serves for the shoulders to come against, and said band prevents the pressure, caused by the head, from tilting the device backward.

The head-rest device is portable and may be folded into a small compass, as illustrated in Figs. 5 and 6, while if the hooks, K, are in the way when folded for packing, they may be slipped off or detached.

The adjustable hooks, K, allow the head-rest to be fixed at just the position desired, and the adjustable feature is also useful when the article is folded up, as it permits more compact folding.

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

A head-rest for car-seats comprising a pair of jointed side-bars two members of which each has a series of depressions in one face; a jointed spreader-bar connecting two members of said side-bars; a flexible rest-piece supported by said two members; a band connecting the other two members of the jointed side-bars; and clips fitted to slide on the

members of the side bars having the depressions in them,—said clips having projecting spring-shanks which lie against the flat sides of the side-bars and are provided with pins  
5 to engage the depressions therein, and said shanks formed into hooks which straddle the seat-back.

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

WM. O. CRAIN.

Witnesses:

JNO. T. MADDOX,  
F. PARKER DAVIS.