

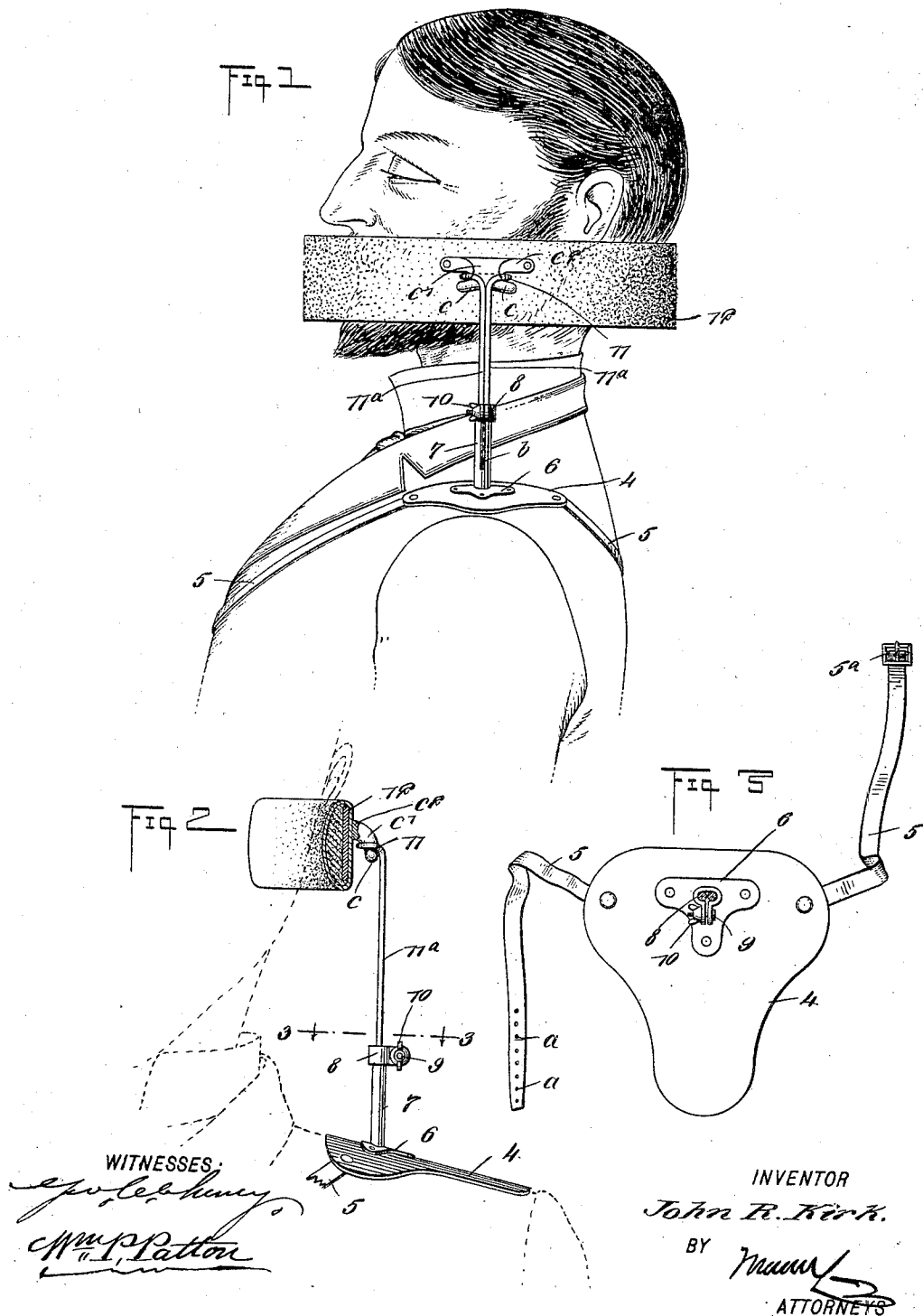
No. 689,097.

Patented Dec. 17, 1901.

J. R. KIRK.
HEAD REST.

(Application filed July 20, 1901.)

(No Model.)



UNITED STATES PATENT OFFICE.

JOHN RANDOLPH KIRK, OF EAST LAS VEGAS, TERRITORY OF NEW MEXICO.

HEAD-REST.

SPECIFICATION forming part of Letters Patent No. 689,097, dated December 17, 1901.

Application filed July 20, 1901. Serial No. 69,065. (No model.)

To all whom it may concern:

Be it known that I, JOHN RANDOLPH KIRK, a citizen of the United States, and a resident of East Las Vegas, in the county of San Miguel and Territory of New Mexico, have invented a new and Improved Head-Rest, of which the following is a full, clear, and exact description.

This invention relates to a class of head-rests adapted for support of the head of a person while riding in railroad-cars, and has for its object to provide novel details of construction for a device of the character indicated which are very simple and that afford a readily-arranged rest for support of a traveler's head in comfortable position, said device being attachable to the body of the one using the same as a head-rest.

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

Figure 1 is a side view of the invention applied. Fig. 2 is a partly-sectional front elevation of the device in position on the person of the user, indicated by dotted lines; and Fig. 3 is an enlarged detached plan view of details, parts being in section, substantially on the line 3 3 in Fig. 2.

As a support for the head-rest proper a base-plate 4 is provided, preferably curved, as shown in Fig. 3, this form and the upward arching of the base-plate so as to afford a corresponding concavity in the lower side, adapting it to seat upon either shoulder of the person who is to use the head-support. The base-plate 4 is securable upon the body of the user of the device by two straps 5 5, which are attached near the widest end of the plate at opposite points by rivets or other means, one strap having a buckle 5^a on the free end, which may be connected with any one of a series of perforations *a*, formed at intervals in the end portion of the other strap. A bracket-stand is erected on the base-plate 4, consisting of the footpiece 6, substantially similar in form to that of the base-plate and secured thereto by rivets or screws. Near the center of the footpiece 6 a hollow post 7 is erected, which is longitudinally slotted, as at *b*, to render its walls resilient, and upon

the upper end of the post a clamping-band 8 is secured, perforated ears that project therefrom receiving a bolt 9, having a winged nut 10 on one threaded projecting end. In the hollow post 7 a standard is slidably held by the clamping-band 8 and bolt and nut 9 10, so that a desired degree of longitudinal adjustment of the standard may be readily effected in an obvious manner. The standard mentioned is preferably formed of a single wire rod of spring metal that is bent at its longitudinal center, so as to afford a laterally-elongated loop 11 at the upper end of the standard and which is bent at a right angle to the main portions of the material. From the offset loop 11 two straight limbs 11^a are extended alongside of each other and form the body of the standard, that is slidable in the hollow post 7.

The head-rest block 12 is formed of wood or other suitable material which is suitably bent, so as to give it a segmental form, the concave side of which is nearest the head of the user when in position for service. The inner side of the curved head-rest block 12 is convex in cross-section, as shown in Fig. 2, and said rest-block may be covered with any suitable material, such as plush fabric, to render it comfortable in use.

At or near the center of the rest-block 12, upon its outer side, a coupling-head is secured, which consists of two locking-toes *c c*, projecting oppositely from an arm *c'*, that curves outward and downward from a bracket-plate *c*². The plate *c*² is affixed upon the rest-block 12 intermediately of its ends, so that the toes *c* will be held projected from the outer surface of the rest-block.

To connect the coupling-head that has been described with the elongated loop 11, the standard having the loop is removed from the post 7, and the two limbs 11^a are spread apart sufficiently to permit an insertion of the toes one after the other through the loop. The resilience of the material forming the loop 11 and limbs 11^a is such that the loop when free to do so will close, so as to impinge the limbs 11^a upon each other and also loosely embrace the body of the arm *c'*, whereby a peculiar detachable hinge-joint is provided between the head-block and the standard.

In arranging the device for use the base-plate 4 is secured upon the shoulder of the person about to use the head-rest and toward which he desires to incline his head by passing the straps 5 across the back and breast and then buckling the ends of the straps together beneath the arm they trend toward. The standard may now be arranged for height so as to permit a proper inclination of the head toward the rest-block 12 and the body of the person be disposed in an easy posture on the seat and back of the car chair or seat.

It will be seen that various adjustments may be effected by changing the position of the base-plate 4 toward or from the neck of the wearer on account of the slope of the wearer's neck and also by elevating or lowering the rest-block 12, and it will furthermore be seen that the rest-block and standard supporting it may be inclined rearward or the block extended more or less behind the head by alteration of the position of the base-plate 12.

When not in use, the device may be separated into three main portions that may be wrapped with the straps 5 5, that if buckled together at their ends will hold the device as a compact package.

Having thus described my invention, I

claim as new and desire to secure by Letters Patent—

1. A head-rest, comprising a base-piece securable upon a person's shoulder, a hollow longitudinally-slitted post erected upon the base-piece, a standard slidable in the hollow post, a clamp on the top of said post which by adjustment holds the standard at a desired point of adjustment, an offset projection on the upper end of the standard, a head-rest block, and means for detachably securing the offset end of the standard upon the head-rest block.

2. A head-rest, comprising a base-piece, straps thereon adapted to secure the base-piece on the shoulder of a person, a slitted post, a clamping device on the top of the post, a standard comprising an offset loop and two spring-limbs depending from said loop, a head-rest block, and a coupling-head secured upon the head-rest block and having two depending toes which detachably engage the loop.

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

JOHN RANDOLPH KIRK.

Witnesses:

K. D. GOODALL,
HARRY F. BLAUVELT.