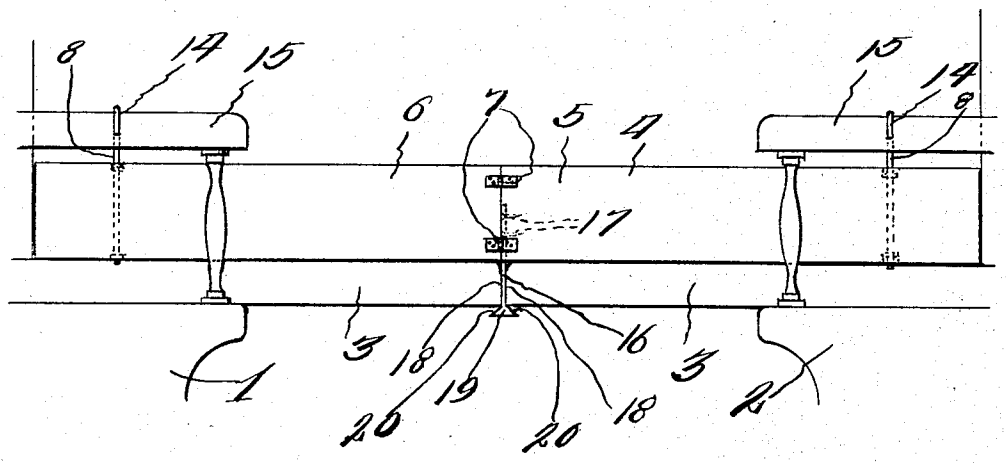
J. O. ROBB.

SAFEGUARD OR PROTECTOR FOR SLEEPING BERTHS.

APPLICATION FILED OCT. 26, 1915.

1,172,633. Patented Feb. 22, 1916.

Fig. 1.



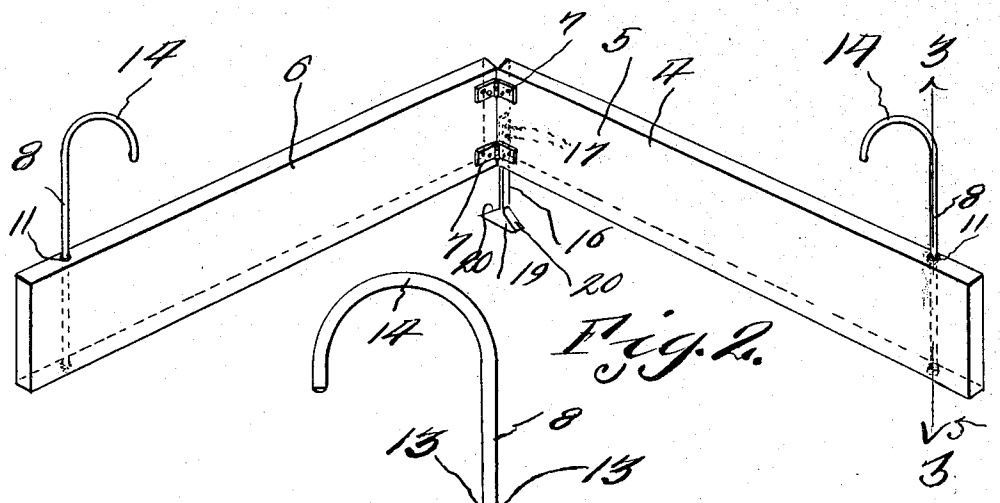


Fig. 2.

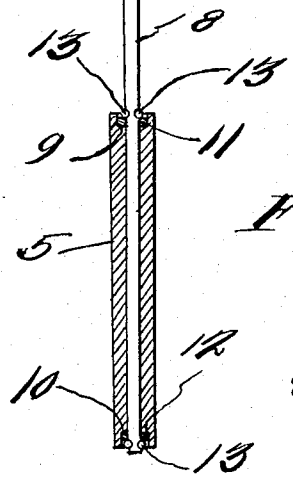


Fig. 3.

Witnesses
Francis J. Bowell
Philip T. Snell

Inventor
J. O. Robb
By D. Swift & Co
Their Attorneys

THE COLUMBIA PLANOGRAPH CO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

JOHN OSWALD ROBB, OF HILLSBORO, OREGON.

SAFEGUARD OR PROTECTOR FOR SLEEPING-BERTHS.

1,172,633. Specification of Letters Patent. Patented Feb. 22, 1916.

Application filed October 26, 1915. Serial No. 57,949.

To all whom it may concern:

Be it known that I JOHN O. ROBB, a citizen of the United States, residing at Hillsboro, in the county of Washington, State of Oregon, have invented a new and useful Safeguard or Protector for Sleeping-Berths; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to the art of sleeping cars or rolling stock, and particularly to an improved safeguard or berth protector for sleeping berths, and an object of the invention is to provide an improved device of this nature, which, when the backs of the seats of a sleeping car are thrown downwardly to form the bunk, is suspended from the arms of the seats or chairs, thereby preventing the occupants of the berth from rolling out on the sides.

Another object of the invention is to provide a safeguard or protector consisting of two sections, so hingedly connected as to prevent the sections from swinging outwardly, when the protector or safeguard is suspended in position.

Another object of the invention is to provide means to prevent the safeguard from being lifted upwardly, as long as the backs of the seats or chairs are thrown downwardly to form the bunk.

In practical fields the details of construction may necessitate alterations, falling within the scope of what is claimed.

The invention comprises further features and combination of parts, as hereinafter set forth, shown in the drawings and claimed.

In the drawings:—Figure 1 is a view in side elevation of portions of two adjacent sleeping car seats or chairs, showing the backs thereof thrown downwardly to form a bunk with the improved safeguard or protector as applied. Fig. 2 is an enlarged detail perspective view of the safeguard or protector. Fig. 3 is a sectional view on line 3—3 of Fig. 2.

Referring more particularly to the drawings, 1 and 2 designate the adjacent chairs or seats of a sleeping car, showing the backs 3 thereof as having been thrown down forming the berth or bunk, and 4 denotes the safeguard or protector. This protector or safeguard consists of the two sections 5 and 6, hingedly united as shown at 7. Each section adjacent its outer end has a rod 8 extending transversely through it. The upper and lower edge of each section where the rod 8 extends through the same is provided with annular depressions 9 and 10, to receive the collars 11 and 12, which are upon the rod 8. The rod 8 above the upper collar 11 and below the lower collar 12 is struck up or swaged as shown at 13, to hold the collars in place, as well as preventing vertical movement of the rod. In this manner each of the rods 8 is swiveled transversely of the section. The upper end of each rod terminates in a curved hook 14. When the backs 3 of the seats or chairs are thrown downwardly to form the bunk or berth, the protector is arranged as shown in Fig. 1, the hooks 14 engaging over the arms 15 of the seats, thereby supporting the protector or safeguard. Upon one of the end edges of the hinged end of one of the sections a plate 16 is embedded, being secured in place by screws 17. The lower part of this plate extends between the adjacent edges 18 of the backs 3, that is, when the backs 3 are thrown down. The lower extremity of the plate is provided with an enlarged base portion 19, the faces 20 of which extend downwardly and from each other, and as long as the backs 3 are disposed as shown in Fig. 1, with an occupant in the berth or bunk, the protector or safeguard is prevented from being raised. However, after the occupant is out of the berth, the two backs 3 of the seat may be raised by applying pressure upon their under surfaces where their adjacent edges 18 come together, sufficiently tilting the backs upwardly so that the hooks 14 will disengage the arms 15, then the two sections of the safeguard or protector may be collapsed one toward the other upon their hinged connection.

The invention having been set forth, what is claimed as new and useful is:—

1. A safeguard or protector for sleeping berths comprising two sections hingedly united, the hinged connections being so arranged as to prevent the sections from hinging outwardly, each section toward its outer end having a rod swiveled transversely therethrough and extending vertically, said rod at its upper end terminating in a hook designed to engage over the arm of the seat or chair forming a part of the sleeping berth.

2. A safeguard or protector for sleeping berths comprising two sections hingedly united, the hinged connections being so arranged as to prevent the sections from hinging outwardly, each section toward its outer end having a rod swiveled transversely therethrough and extending vertically, said rod at its upper end terminating in a hook designed to engage over the arm of the seat or chair forming a part of the sleeping berth, the adjacent hinged end of the section having a plate extending downwardly between the adjacent edges of the back forming the sleeping bunk or berth, and terminating in an enlarged face portion, to prevent the protector from being raised.

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

JOHN OSWALD ROBB.

Witnesses:

AUGUST TEWS,

EMMA B. TUPPER.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."