(No Model.)

W. B. FARRAR.

BRACE TO PREVENT ROLLING IN BEDS OR BERTHS.

No. 264,678. Patented Sept. 19, 1882.

Fig. 1.

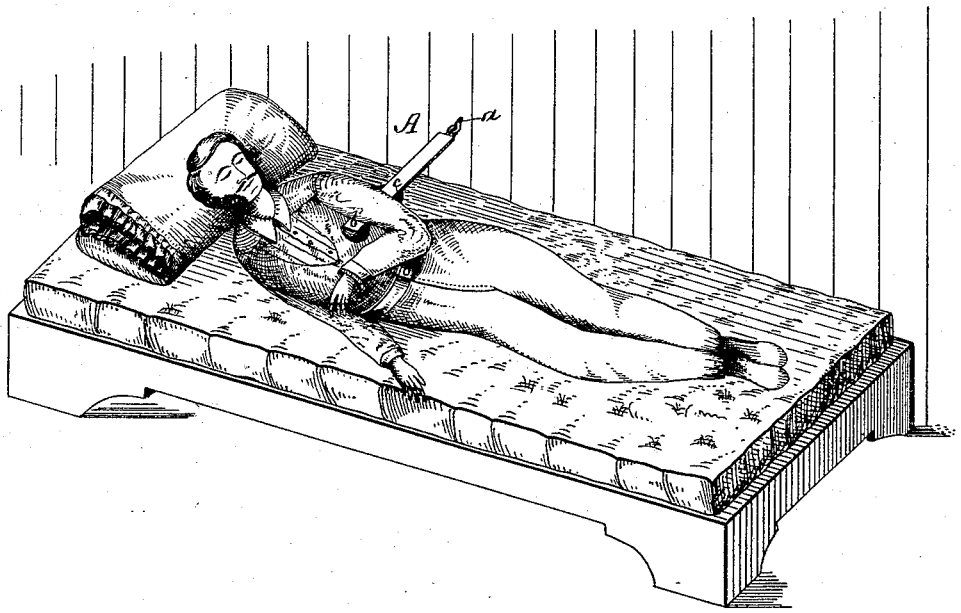
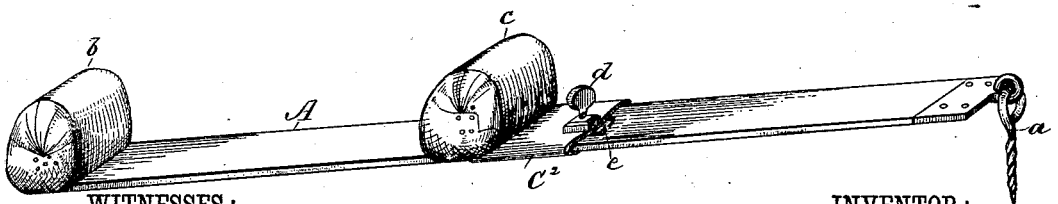


Fig. 2.



WITNESSES:

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UNITED STATES PATENT OFFICE

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BRACE TO PREVENT ROLLING IN BEDS OR BERTHS.

SPECIFICATION forming part of Letters Patent No. 264,678, dated September 19, 1882.

Application filed August 12, 1882. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM B. FARRAR, of Greensborough, in the county of Guilford and State of North Carolina, have invented a new and useful Improvement in Braces to Prevent Rolling in Beds or Berths; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a perspective view, showing the application of my invention; and Fig. 2 is a perspective view, showing the brace detached.

The object of my invention is to provide an attachment to a bed, couch, or berth which shall serve as a brace or stay to the body of the sleeper to prevent involuntary rolling in bed, such as is caused by the lateral pitching of a sleeping-car, the rolling of a ship, or even the involuntary movement of a sleeper in an ordinary bed, when it may be desirable, by reason of a wound or other cause, to prevent the individual from turning over.

To this end my invention consists of a bar having a loose connection with the longitudinal wall of the berth or bed rail, and provided with two projections or pads, one of which is made adjustable to or from the other to regulate the distance between, the said bar being designed to occupy a position between the arm and body of the sleeper, with one of the pads in front and the other in the rear, so that any tendency to roll or be rolled will be resisted by the pads and bar, as will hereinafter more fully appear.

In the drawings, A represents the brace, which is made in the nature of a flat bar about two feet long, more or less, and which is provided at one end with a loose-jointed or shackle connection at *a*, which fastens said bar to the longitudinal wall of the berth, the bed-rail, or other firm support, so that the said bar cannot be moved endwise, but has a free lateral movement for deflection in any direction. On the outer end of this bar is formed a pad or projection, *b*, and between it and the fastening *a* is another pad or projection, *c*, which is adjustable along the length of the bar. Both the bar and the pads or projections are designed to be neatly upholstered, so as to conform to the appointments or finish of the sleeping car or berth, and they are made strong and light, so as not to incumber or oppress the sleeper, but still have the requisite strength. For connecting the adjustable pad to the bar, said pad is provided with a metal plate, c^2, wholly or partially encompassing the bar, and provided with a set-screw, *d*, which is made to bear against a spring-tongue, *e*, and force it into firm frictional contact against the bar, so as to fix said pad in its adjustment, the tongue serving to prevent the set-screw from tearing the upholstered face of said bar.

In making use of my invention the outer end of the bar is placed between the arm and body of the person, near the shoulder, as shown in Fig. 1, and the pads *b* and *c* are adjusted to fit close up to the body on each side of the arm. In this position the weight of the arm naturally holds the bar to the body, and the pads effectually brace the body against any tendency which the pitching of the car or rolling of the ship has to throw the sleeper out of his bed.

If desired, the pads may have a swiveled connection to the bar and plate c^2, so as to have a slight rotary movement about their centers to permit them to adapt themselves more closely or comfortably to the shape of the body; and, furthermore, I may also make both the pads adjustable, if desired, and may extend the bar and provide it with two sets of pads for double beds, so that two persons can use it.

Having thus described my invention, what I claim as new is—

1. A body-brace to prevent rolling in bed, consisting of a bar having a loose connection with a support on the side of the bed, and provided with two pads or projections adapted to be used as described.

2. The combination of the bar A, having a loose connection, *a*, with the stationary pad *b* and adjustable pad *c*, the latter having an inclosing plate, c^2, tongue *e*, and set-screw *d*, as and for the purpose described.

The above specification of my invention signed by me in the presence of two subscribing witnesses.

W. B. FARRAR.

Witnesses:
EDWD. W. BYRN,
SOLON C. KEMON.